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CATALOGUE

WATCHMAKERS
& JEWELLERS **TOOLS**

Our proprietary trademarks :



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AF Switzerland SA was founded in 1926 in La Chaux-de-Fonds by Mr Albert Froidevaux who started his business as a supplier of watch spare parts and tools under the company name, Kocher & Froidevaux which subsequently became Albert Froidevaux & Fils S.A

The rapid success of the company led a large majority of the world's most prestigious producers of watches to choose Albert Froidevaux & Fils S.A. to distribute the spare parts for their products in many cases on an exclusive basis.

Over the years, the family business expanded to include more tools for watchmakers and jewellers. The company name was changed in recent years to AF Switzerland SA which is now one of the leading distributors of parts, tools and equipment for watchmakers, jewellers, clockmakers and similar precision industries.

The company also markets tools in particular for quartz watch repairing under its proprietary brand ETIC Switzerland.

The watch packaging side of the business is entrusted to a subsidiary company, Centre Fournitures Manufactures d'Horlogerie SA, (CFMH), founded in 1964. Watch parts and batteries are pre-packaged in an internationally accepted standard form for various Swiss manufacturers.

AF Switzerland S.A. is known world-wide for its service, competitive prices and for the convenience and advantage of being able to obtain all items from one unique source.

Overall, hundreds of thousands of different products, ranging from the smallest screws to complete machines, are stocked by AF Switzerland S.A in their warehouse in La Chaux-de-Fonds, Switzerland.

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Superior screwdriver set

For the most demanding watchmaker. A set of 9 A*F precision screwdrivers and 34 spare blades. Mounted on a rotating stand in anodised aluminium. The stand features a ball bearing for smooth and light rotation with rubber bands to facilitate turning. A heavy base ensures maximum stability.

N°	Description	Ø	Colour	Sales unit	Kg
189.768	Screwdriver set	0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 - 2.00 - 2.50 - 3.00 mm		set	0.560
18978A.060	Screwdriver alone	0.60 mm	Pink	piece	0.012
18979.060	Spare blades	0.60 mm	Pink	bag/10	0.003
18979T.060	Spare blades	0.60 mm	Pink	tube/5	0.003
18978A.080	Screwdriver alone	0.80 mm	Yellow	piece	0.014
18979.080	Spare blades	0.80 mm	Yellow	bag/10	0.003
18979T.080	Spare blades	0.80 mm	Yellow	tube/5	0.003
18978A.100	Screwdriver alone	1.00 mm	Black	piece	0.016
18979.100	Spare blades	1.00 mm	Black	bag/10	0.003
18979T.100	Spare blades	1.00 mm	Black	tube/5	0.003
18978A.120	Screwdriver alone	1.20 mm	Red	piece	0.020
18979.120	Spare blades	1.20 mm	Red	bag/10	0.003
18979T.120	Spare blades	1.20 mm	Red	tube/5	0.003
18978A.140	Screwdriver alone	1.40 mm	Grey	piece	0.024
18979.140	Spare blades	1.40 mm	Grey	bag/10	0.003
18979T.140	Spare blades	1.40 mm	Grey	tube/5	0.003
18978A.160	Screwdriver alone	1.60 mm	Violet	piece	0.024
18979.160	Spare blades	1.60 mm	Violet	bag/10	0.003
18979T.160	Spare blades	1.60 mm	Violet	tube/3	0.003
18978A.200	Screwdriver alone	2.00 mm	Light green	piece	0.028
18979.200	Spare blades	2.00 mm	Light green	bag/10	0.003
18979T.200	Spare blades	2.00 mm	Light green	tube/2	0.003
18978A.250	Screwdriver alone	2.50 mm	Blue	piece	0.028
18979.250	Spare blades	2.50 mm	Blue	bag/10	0.003
18979T.250	Spare blades	2.50 mm	Blue	tube/2	0.003
18978A.300	Screwdriver alone	3.00 mm	Brown	piece	0.028
18979.300	Spare blades	3.00 mm	Brown	bag/10	0.003

Continued from previous page

Superior screwdriver set

N°	Description	Ø	Colour	Sales unit	Kg
18979T.300	Spare blades	3.00 mm	 Brown	tube/2	0.003
189.768S	Stand alone	65.00 mm	-	piece	0.450

Set of 9 screwdrivers

Top quality A*F precision screwdrivers. In chromed brass with colour coded rotating heads mounted on a ball bearing. Set of nine screwdrivers on a rotating stand with 19 spare blades and 2 fixing screws.



N°	Description	Ø	Colour	Sales unit	Kg
18980	Screwdriver set	0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 - 2.00 - 2.50 - 3.00 mm		set	0.340
18978A.060	Screwdriver alone	0.60 mm	 Pink	piece	0.012
18979.060	Spare blades	0.60 mm	 Pink	bag/10	0.003
18978A.080	Screwdriver alone	0.80 mm	 Yellow	piece	0.014
18979.080	Spare blades	0.80 mm	 Yellow	bag/10	0.003
18978A.100	Screwdriver alone	1.00 mm	 Black	piece	0.016
18979.100	Spare blades	1.00 mm	 Black	bag/10	0.003
18978A.120	Screwdriver alone	1.20 mm	 Red	piece	0.020
18979.120	Spare blades	1.20 mm	 Red	bag/10	0.003
18978A.140	Screwdriver alone	1.40 mm	 Grey	piece	0.024
18979.140	Spare blades	1.40 mm	 Grey	bag/10	0.003
18978A.160	Screwdriver alone	1.60 mm	 Violet	piece	0.024
18979.160	Spare blades	1.60 mm	 Violet	bag/10	0.003
18978A.200	Screwdriver alone	2.00 mm	 Light green	piece	0.028
18979.200	Spare blades	2.00 mm	 Light green	bag/10	0.003
18978A.250	Screwdriver alone	2.50 mm	 Blue	piece	0.028
18979.250	Spare blades	2.50 mm	 Blue	bag/10	0.003
18978A.300	Screwdriver alone	3.00 mm	 Brown	piece	0.028
18979.300	Spare blades	3.00 mm	 Brown	bag/10	0.003



Set of 6 A*F precision screwdrivers

Set of 6 A*F precision screwdrivers in wooden case with 1 tube each of 5 spare blades.

N°	Description	Ø	Colour	Sales unit	Kg
18981	Screwdriver set	0.50 - 0.60 - 0.80 - 1.00 - 1.20 - 1.40 mm		set	0.200
18978.050	Screwdriver and spare blades	0.50 mm	 Dark green	piece + tube/5	0.014
18978A.050	Screwdriver alone	0.50 mm	 Dark green	piece	0.010
18979T.050	Spare blades	0.50 mm	 Dark green	tube/5	0.003
18978.060	Screwdriver and spare blades	0.60 mm	 Pink	piece + tube/5	0.016
18978A.060	Screwdriver alone	0.60 mm	 Pink	piece	0.012
18979T.060	Spare blades	0.60 mm	 Pink	tube/5	0.003
18978.080	Screwdriver and spare blades	0.80 mm	 Yellow	piece + tube/5	0.018
18978A.080	Screwdriver alone	0.80 mm	 Yellow	piece	0.014
18979T.080	Spare blades	0.80 mm	 Yellow	tube/5	0.003
18978.100	Screwdriver and spare blades	1.00 mm	 Black	piece + tube/5	0.022
18978A.100	Screwdriver alone	1.00 mm	 Black	piece	0.016
18979T.100	Spare blades	1.00 mm	 Black	tube/5	0.003
18978.120	Screwdriver and spare blades	1.20 mm	 Red	piece + tube/5	0.026
18978A.120	Screwdriver alone	1.20 mm	 Red	piece	0.020
18979T.120	Spare blades	1.20 mm	 Red	tube/5	0.003
18978.140	Screwdriver and spare blades	1.40 mm	 Grey	piece + tube/5	0.030
18978A.140	Screwdriver alone	1.40 mm	 Grey	piece	0.024
18979T.140	Spare blades	1.40 mm	 Grey	tube/5	0.003

Set of 9 A*F Precision screwdrivers

Set of 9 A*F precision screwdrivers in wooden case with tubes of spare blades.



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N°	Description	Ø	Colour	Sales unit	Kg
18982	Screwdriver set	0.50 - 0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 - 2.00 - 2.50 mm		set	0.350
18982SP	Screwdriver set	0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 - 1.80 - 2.00 - 2.50 mm		set	0.350
18978.050	Screwdriver and spare blades	0.50 mm	■ Dark green	piece + tube/5	0.014
18978A.050	Screwdriver alone	0.50 mm	■ Dark green	piece	0.010
18979T.050	Spare blades	0.50 mm	■ Dark green	tube/5	0.003
18978.060	Screwdriver and spare blades	0.60 mm	■ Pink	piece + tube/5	0.016
18978A.060	Screwdriver alone	0.60 mm	■ Pink	piece	0.012
18979T.060	Spare blades	0.60 mm	■ Pink	tube/5	0.003
18978.080	Screwdriver and spare blades	0.80 mm	■ Yellow	piece + tube/5	0.018
18978A.080	Screwdriver alone	0.80 mm	■ Yellow	piece	0.014
18979T.080	Spare blades	0.80 mm	■ Yellow	tube/5	0.003
18978.100	Screwdriver and spare blades	1.00 mm	■ Black	piece + tube/5	0.022
18978A.100	Screwdriver alone	1.00 mm	■ Black	piece	0.016
18979T.100	Spare blades	1.00 mm	■ Black	tube/5	0.003
18978.120	Screwdriver and spare blades	1.20 mm	■ Red	piece + tube/5	0.026
18978A.120	Screwdriver alone	1.20 mm	■ Red	piece	0.020
18979T.120	Spare blades	1.20 mm	■ Red	tube/5	0.003
18978.140	Screwdriver and spare blades	1.40 mm	■ Grey	piece + tube/5	0.030
18978A.140	Screwdriver alone	1.40 mm	■ Grey	piece	0.024
18979T.140	Spare blades	1.40 mm	■ Grey	tube/5	0.003
18978.160	Screwdriver and spare blades	1.60 mm	■ Violet	piece + tube/3	0.030
18978A.160	Screwdriver alone	1.60 mm	■ Violet	piece	0.024
18979T.160	Spare blades	1.60 mm	■ Violet	tube/3	0.003
18978.180	Screwdriver and spare blades	1.80 mm	■ Orange	piece + tube/3	0.031

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Set of 9 A*F Precision screwdrivers

N°	Description	Ø	Colour	Sales unit	Kg
18978A.180	Screwdriver alone	1.80 mm	Orange	piece	0.026
18979T.180	Spare blades	1.80 mm	Orange	tube/3	0.003
18978A.200	Screwdriver and spare blades	2.00 mm	Light green	piece + tube/2	0.032
18978A.200	Screwdriver alone	2.00 mm	Light green	piece	0.028
18979T.200	Spare blades	2.00 mm	Light green	tube/2	0.003
18978A.250	Screwdriver and spare blades	2.50 mm	Blue	piece + tube/2	0.035
18978A.250	Screwdriver alone	2.50 mm	Blue	piece	0.028
18979T.250	Spare blades	2.50 mm	Blue	tube/2	0.003

Sets of 5 A*F Precision screwdrivers

Popular sets of A*F precision screwdrivers. In plastic wallets with five screwdrivers and blades plus one spare blade of each size.



N°	Description	Ø	Colour	Sales unit	Kg
18970A	Screwdriver set	0.60 - 0.80 - 1.00 - 1.20 - 1.40 mm		set	0.060
18970ASP	Screwdriver set	0.80 - 1.00 - 1.20 - 1.40 - 1.60 mm		set	0.070
18978A.060	Screwdriver alone	0.60 mm	Pink	piece	0.012
18979.060	Spare blades	0.60 mm	Pink	bag/10	0.003
18978A.080	Screwdriver alone	0.80 mm	Yellow	piece	0.014
18979.080	Spare blades	0.80 mm	Yellow	bag/10	0.003
18978A.100	Screwdriver alone	1.00 mm	Black	piece	0.016
18979.100	Spare blades	1.00 mm	Black	bag/10	0.003
18978A.120	Screwdriver alone	1.20 mm	Red	piece	0.020
18979.120	Spare blades	1.20 mm	Red	bag/10	0.003
18978A.140	Screwdriver alone	1.40 mm	Grey	piece	0.024
18979.140	Spare blades	1.40 mm	Grey	bag/10	0.003
18978A.160	Screwdriver alone	1.60 mm	Violet	piece	0.024
18979.160	Spare blades	1.60 mm	Violet	bag/10	0.003

A*F Precision screwdrivers

Top quality A*F Precision screwdrivers for watchmakers etc.
Handle in chromed brass with colour coded rotating heads
mounted on ball bearings, replaceable blades with fixing
screws.



N°	Description	Ø	Colour	Sales unit	Kg
18978.050	Screwdriver and spare blades	0.50 mm	■ Dark green	piece + tube/5	0.014
18978A.050	Screwdriver alone	0.50 mm	■ Dark green	piece	0.010
18979.050	Spare blades	0.50 mm	■ Dark green	bag/10	0.003
18979T.050	Spare blades	0.50 mm	■ Dark green	tube/5	0.003
18978.060	Screwdriver and spare blades	0.60 mm	■ Pink	piece + tube/5	0.016
18978A.060	Screwdriver alone	0.60 mm	■ Pink	piece	0.012
18979.060	Spare blades	0.60 mm	■ Pink	bag/10	0.003
18979T.060	Spare blades	0.60 mm	■ Pink	tube/5	0.003
18978.080	Screwdriver and spare blades	0.80 mm	■ Yellow	piece + tube/5	0.018
18978A.080	Screwdriver alone	0.80 mm	■ Yellow	piece	0.014
18979.080	Spare blades	0.80 mm	■ Yellow	bag/10	0.003
18979T.080	Spare blades	0.80 mm	■ Yellow	tube/5	0.003
18978.100	Screwdriver and spare blades	1.00 mm	■ Black	piece + tube/5	0.022
18978A.100	Screwdriver alone	1.00 mm	■ Black	piece	0.016
18979.100	Spare blades	1.00 mm	■ Black	bag/10	0.003
18979T.100	Spare blades	1.00 mm	■ Black	tube/5	0.003
18978.120	Screwdriver and spare blades	1.20 mm	■ Red	piece + tube/5	0.026
18978A.120	Screwdriver alone	1.20 mm	■ Red	piece	0.020
18979.120	Spare blades	1.20 mm	■ Red	bag/10	0.003
18979T.120	Spare blades	1.20 mm	■ Red	tube/5	0.003
18978.140	Screwdriver and spare blades	1.40 mm	■ Grey	piece + tube/5	0.030
18978A.140	Screwdriver alone	1.40 mm	■ Grey	piece	0.024
18979.140	Spare blades	1.40 mm	■ Grey	bag/10	0.003
18979T.140	Spare blades	1.40 mm	■ Grey	tube/5	0.003
18978.160	Screwdriver and spare blades	1.60 mm	■ Violet	piece + tube/3	0.030
18978A.160	Screwdriver alone	1.60 mm	■ Violet	piece	0.024
18979.160	Spare blades	1.60 mm	■ Violet	bag/10	0.003
18979T.160	Spare blades	1.60 mm	■ Violet	tube/3	0.003

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A*F Precision screwdrivers

N°	Description	Ø	Colour	Sales unit	Kg
18978.180	Screwdriver and spare blades	1.80 mm	Orange	piece + tube/3	0.031
18978A.180	Screwdriver alone	1.80 mm	Orange	piece	0.026
18979.180	Spare blades	1.80 mm	Orange	bag/10	0.003
18979T.180	Spare blades	1.80 mm	Orange	tube/3	0.003
18978.200	Screwdriver and spare blades	2.00 mm	Light green	piece + tube/2	0.032
18978A.200	Screwdriver alone	2.00 mm	Light green	piece	0.028
18979.200	Spare blades	2.00 mm	Light green	bag/10	0.003
18979T.200	Spare blades	2.00 mm	Light green	tube/2	0.003
18978.250	Screwdriver and spare blades	2.50 mm	Blue	piece + tube/2	0.035
18978A.250	Screwdriver alone	2.50 mm	Blue	piece	0.028
18979.250	Spare blades	2.50 mm	Blue	bag/10	0.003
18979T.250	Spare blades	2.50 mm	Blue	tube/2	0.003
18978.300	Screwdriver	3.00 mm	Brown	tube/2	0.035
18978A.300	Screwdriver alone	3.00 mm	Brown	piece	0.028
18979.300	Spare blades	3.00 mm	Brown	bag/10	0.003
18979T.300	Spare blades	3.00 mm	Brown	tube/2	0.003
18978V	Blade fixing screws	-	-	bag/10	0.001



Precision screwdriver set

Superb set of eight screwdrivers with stainless steel handles and colour coded heads mounted on ball bearings. The ultimate screwdriver for the most demanding watchmaker. Attractive, handy-to-use stand in anodised aluminium with clearly marked diameters. Replaceable blades in bags of 10 or 5 pieces (ref. 189.771.Ø).

N°	Description	Ø	Colour	Sales unit	Kg
189.770	Set of screwdrivers	0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 - 2.00 - 2.50 mm		set	0.170
189.770.050	Screwdriver alone	0.50 mm	Orange	piece	
189.771.050	Spare blades	0.50 mm	Orange	bag/10	
189.770.060	Screwdriver alone	0.60 mm	White	piece	

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Precision screwdriver set

N°	Description	Ø	Colour	Sales unit
189.771.060	Spare blades	0.60 mm	 White	bag/10
189.770.070	Screwdriver alone	0.70 mm	 Light Blue	piece
189.771.070	Spare blades	0.70 mm	 Light Blue	bag/10
189.770.080	Screwdriver alone	0.80 mm	 Gold	piece
189.771.080	Spare blades	0.80 mm	 Gold	bag/10
189.770.090	Screwdriver alone	0.90 mm	 Pink	piece
189.771.090	Spare blades	0.90 mm	 Pink	bag/10
189.770.100	Screwdriver alone	1.00 mm	 Black	piece
189.771.100	Spare blades	1.00 mm	 Black	bag/10
189.770.110	Screwdriver alone	1.10 mm	 Light Orange	piece
189.771.110	Spare blades	1.10 mm	 Light Orange	bag/10
189.770.120	Screwdriver alone	1.20 mm	 Red	piece
189.771.120	Spare blades	1.20 mm	 Red	bag/10
189.770.130	Screwdriver alone	1.30 mm	 Light green	piece
189.771.130	Spare blades	1.30 mm	 Light green	bag/10
189.770.140	Screwdriver alone	1.40 mm	 Dark Grey	piece
189.771.140	Spare blades	1.40 mm	 Dark Grey	bag/10
189.770.150	Screwdriver alone	1.50 mm	 Dark blue	piece
189.771.150	Spare blades	1.50 mm	 Dark blue	bag/10
189.770.160	Screwdriver alone	1.60 mm	 Violet	piece
189.771.160	Spare blades	1.60 mm	 Violet	bag/10
189.770.180	Screwdriver alone	1.80 mm	 Light Yellow	piece
189.771.180	Spare blades	1.80 mm	 Light Yellow	bag/10
189.770.200	Screwdriver alone	2.00 mm	 Dark green	piece
189.771.200	Spare blades	2.00 mm	 Dark green	bag/10
189.770.220	Screwdriver alone	2.20 mm	 Yellow	piece
189.771.220	Spare blades	2.20 mm	 Yellow	bag/5
189.770.250	Screwdriver alone	2.50 mm	 Medium Blue	piece
189.771.250	Spare blades	2.50 mm	 Medium Blue	bag/5
189.770.300	Screwdriver alone	3.00 mm	 Dark brown	piece
189.771.300	Spare blades	3.00 mm	 Dark brown	bag/5

01



High precision screwdriver set

Superb quality - Set of 12 screwdrivers with colour coded heads mounted on ball bearings. Developed for the highest standard of prestigious watch manufacturers. Straight sided blade tips fit screw slots perfectly to avoid damage.



N°	Description	Ø	Colour	Sales unit	Kg
189.765	Screwdriver set	0.60 - 0.70 - 0.80 - 0.90 - 1.00 - 1.20 - 1.40 - 1.60 - 1.80 - 2.00 - 2.50 - 3.00 mm		set	0.341
189.765A.060	Screwdriver alone	0.60 mm	White	piece	
189.766.060	Spare blades	0.60 mm	White	tube/4	
189.765A.070	Screwdriver alone	0.70 mm	Light green	piece	
189.766.070	Spare blades	0.70 mm	Light green	tube/4	
189.765A.080	Screwdriver alone	0.80 mm	Yellow	piece	
189.766.080	Spare blades	0.80 mm	Yellow	tube/4	
189.765A.090	Screwdriver alone	0.90 mm	Pink	piece	
189.766.090	Spare blades	0.90 mm	Pink	tube/4	
189.765A.100	Screwdriver alone	1.00 mm	Black	piece	
189.766.100	Spare blades	1.00 mm	Black	tube/4	
189.765A.120	Screwdriver alone	1.20 mm	Red	piece	
189.766.120	Spare blades	1.20 mm	Red	tube/4	
189.765A.140	Screwdriver alone	1.40 mm	Grey	piece	
189.766.140	Spare blades	1.40 mm	Grey	tube/4	
189.765A.160	Screwdriver alone	1.60 mm	Violet	piece	
189.766.160	Spare blades	1.60 mm	Violet	tube/4	
189.765A.180	Screwdriver alone	1.80 mm	Light pink	piece	
189.766.180	Spare blades	1.80 mm	Light pink	tube/4	
189.765A.200	Screwdriver alone	2.00 mm	Dark green	piece	
189.766.200	Spare blades	2.00 mm	Dark green	tube/4	
189.765A.250	Screwdriver alone	2.50 mm	Blue	piece	
189.766.250	Spare blades	2.50 mm	Blue	tube/2	
189.765A.300	Screwdriver alone	3.00 mm	Brown	piece	
189.766.300	Spare blades	3.00 mm	Brown	tube/2	

High precision screwdriver set

Superb quality - Set of 6 screwdrivers with colour coded heads mounted on ball bearings. Developed for the highest standard of prestigious watch manufacturers. Straight sided blade tips fit screw slots perfectly to avoid damage.



N°	Description	Ø	Colour	Sales unit	Kg
18989	Screwdriver set	0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 mm		set	0.200
189.765A.060	Screwdriver alone	0.60 mm	White	piece	
189.767.060	Spare blades	0.60 mm	White	tube/2	
189.765A.080	Screwdriver alone	0.80 mm	Yellow	piece	
189.767.080	Spare blades	0.80 mm	Yellow	tube/2	
189.765A.100	Screwdriver alone	1.00 mm	Black	piece	
189.767.100	Spare blades	1.00 mm	Black	tube/2	
189.765A.120	Screwdriver alone	1.20 mm	Red	piece	
189.767.120	Spare blades	1.20 mm	Red	tube/2	
189.765A.140	Screwdriver alone	1.40 mm	Grey	piece	
189.767.140	Spare blades	1.40 mm	Grey	tube/2	
189.765A.160	Screwdriver alone	1.60 mm	Violet	piece	
189.767.160	Spare blades	1.60 mm	Violet	tube/2	

Screwdrivers



In white metal, round head, tempered steel, fixed blade.



N°	Description	Ø	Sales unit	Kg
18952.03	Screwdriver alone	1.80 mm	piece	0.007
18952.04	Screwdriver alone	1.50 mm	piece	0.005
18952.05	Screwdriver alone	1.20 mm	piece	0.005
18952.06	Screwdriver alone	1.00 mm	piece	0.005
18952.07	Screwdriver alone	0.80 mm	piece	0.004
18952.08	Screwdriver alone	0.70 mm	piece	0.004



Economic screwdrivers

Economic screwdrivers with rotating head and colour coding rings for easy diameter identification. Body in chromed brass and fixed blades in hardened steel.

N°	Description	Ø	Colour	Sales unit
18953.080	Screwdriver alone	0.80 mm	Yellow	piece
18953.100	Screwdriver alone	1.00 mm	Black	piece
18953.120	Screwdriver alone	1.20 mm	Red	piece
18953.140	Screwdriver alone	1.40 mm	Grey	piece
18953.160	Screwdriver alone	1.60 mm	Violet	piece
18953.200	Screwdriver alone	2.00 mm	Light green	piece
18953.250	Screwdriver alone	2.50 mm	Blue	piece



Set of 7 A*F Pratic screwdrivers

A*F Pratic screwdrivers, with screw chuck, coloured head. Packaged individually in paper envelopes with two reversible spare blades.

N°	Description	Ø	Colour	Sales unit	Kg
119.034	Screwdriver set	0.50 - 0.60 - 0.70 - 0.80 - 1.00 - 1.20 - 1.30 mm		set	0.074
19032.04	Screwdriver and spare blades	1.30 mm	Black	piece + bag/2	0.010
19032A.04	Spare blades	1.30 mm	Black	bag/25	0.006 0.006
19032S.04	Screwdriver alone	1.30 mm	Black	piece	0.010 0.010
19032.05	Screwdriver and spare blades	1.20 mm	Light green	piece + bag/2	0.010
19032A.05	Spare blades	1.20 mm	Light green	bag/25	0.006
19032S.05	Screwdriver alone	1.20 mm	Light green	piece	0.010
19032.06	Screwdriver and spare blades	1.00 mm	Brown	piece + bag/2	0.010
19032A.06	Spare blades	1.00 mm	Brown	bag/25	0.006
19032S.06	Screwdriver alone	1.00 mm	Brown	piece	0.010
19032.07	Screwdriver and spare blades	0.80 mm	Red	piece + bag/2	0.010 0.010
19032A.07	Spare blades	0.80 mm	Red	bag/25	0.006
19032S.07	Screwdriver alone	0.80 mm	Red	piece	0.010 0.010

Continued from previous page

Set of 7 A*F Pratic screwdrivers

N°	Description	Ø	Colour	Sales unit	Kg
19032.08	Screwdriver and spare blades	0.70 mm	Grey	piece + bag/2	0.010 0.010
19032A.08	Spare blades	0.70 mm	Grey	bag/25	0.006 0.006
19032S.08	Screwdriver alone	0.70 mm	Grey	piece	0.010
19032.09	Screwdriver and spare blades	0.60 mm	Light blue	piece + bag/2	0.010
19032A.09	Spare blades	0.60 mm	Light blue	bag/25	0.006
19032S.09	Screwdriver alone	0.60 mm	Light blue	piece	0.010
19032.10	Screwdriver and spare blades	0.50 mm	Violet	piece + bag/2	0.010
19032A.10	Spare blades	0.50 mm	Violet	bag/25	0.006
19032S.10	Screwdriver alone	0.50 mm	Violet	piece	0.010

Set of 4 A*F Pratic screwdrivers

A*F Pratic screwdrivers, with screw chuck, coloured head.



N°	Description	Ø	Colour	Sales unit	Kg
19035	Set of 4 screwdrivers	0.60 - 0.80 - 1.00 - 1.20 mm		set	0.044
19032.05	Screwdriver and spare blades	1.20 mm	Light green	piece + bag/2	0.010 0.010
19032A.05	Spare blades	1.20 mm	Light green	bag/25	0.006
19032S.05	Screwdriver alone	1.20 mm	Light green	piece	0.010
19032.06	Screwdriver and spare blades	1.00 mm	Brown	piece + bag/2	0.010 0.010
19032A.06	Spare blades	1.00 mm	Brown	bag/25	0.006
19032S.06	Screwdriver alone	1.00 mm	Brown	piece	0.010
19032.07	Screwdriver and spare blades	0.80 mm	Red	piece + bag/2	0.010 0.010
19032A.07	Spare blades	0.80 mm	Red	bag/25	0.006
19032S.07	Screwdriver alone	0.80 mm	Red	piece	0.010 0.010
19032.09	Screwdriver and spare blades	0.60 mm	Light blue	piece + bag/2	0.010
19032A.09	Spare blades	0.60 mm	Light blue	bag/25	0.006
19032S.09	Screwdriver alone	0.60 mm	Light blue	piece	0.010



A*F Pratic screwdrivers

A*F Pratic screwdrivers, with screw chuck, coloured head

N°	Description	Ø	Colour	Sales unit	Kg
19032.03	Screwdriver and spare blades	1.50 mm	Yellow	piece + bag/2	0.010
19032A.03	Spare blades	1.50 mm	Yellow	bag/25	0.006
19032S.03	Screwdriver alone	1.50 mm	Yellow	piece	0.010
19032.04	Screwdriver and spare blades	1.30 mm	Black	piece + bag/2	0.010
19032A.04	Spare blades	1.30 mm	Black	bag/25	0.006 0.006
19032S.04	Screwdriver alone	1.30 mm	Black	piece	0.010 0.010
19032.05	Screwdriver and spare blades	1.20 mm	Light green	piece + bag/2	0.010
19032A.05	Spare blades	1.20 mm	Light green	bag/25	0.006
19032S.05	Screwdriver alone	1.20 mm	Light green	piece	0.010
19032.06	Screwdriver and spare blades	1.00 mm	Brown	piece + bag/2	0.010
19032A.06	Spare blades	1.00 mm	Brown	bag/25	0.006
19032S.06	Screwdriver alone	1.00 mm	Brown	piece	0.010
19032.07	Screwdriver and spare blades	0.80 mm	Red	piece + bag/2	0.010 0.010
19032A.07	Spare blades	0.80 mm	Red	bag/25	0.006
19032S.07	Screwdriver alone	0.80 mm	Red	piece	0.010 0.010
19032.08	Screwdriver and spare blades	0.70 mm	Grey	piece + bag/2	0.010 0.010
19032A.08	Spare blades	0.70 mm	Grey	bag/25	0.006 0.006
19032S.08	Screwdriver alone	0.70 mm	Grey	piece	0.010
19032.09	Screwdriver and spare blades	0.60 mm	Light blue	piece + bag/2	0.010
19032A.09	Spare blades	0.60 mm	Light blue	bag/25	0.006
19032S.09	Screwdriver alone	0.60 mm	Light blue	piece	0.010
19032.10	Screwdriver and spare blades	0.50 mm	Violet	piece + bag/2	0.010
19032A.10	Spare blades	0.50 mm	Violet	bag/25	0.006
19032S.10	Screwdriver alone	0.50 mm	Violet	piece	0.010

Set of 9 non-magnetic screwdrivers

Set of 9 100% anti-magnetic screwdrivers on a rotating stand. Black heads with colour coding rings. Includes:

- 9 screwdrivers (ref. 18991+Ø)
- 19 spare blades in beryllium (ref. 18992+Ø)
- 2 beryllium fixing screws



01

N°	Description	Ø	Colour	Sales unit	Kg
18990	Screwdriver set	0.60 - 0.80 - 1.00 - 1.20 - 1.40 - 1.60 - 2.00 - 2.50 - 3.00 mm		set	0.340
18991.060	Screwdriver alone	0.60 mm	 Pink	piece	0.008
18992.060	Spare blades	0.60 mm	 Pink	bag/10	0.001
18991.080	Screwdriver alone	0.80 mm	 Yellow	piece	0.008
18992.080	Spare blades	0.80 mm	 Yellow	bag/10	0.001
18991.100	Screwdriver alone	1.00 mm	 Red	piece	0.011
18992.100	Spare blades	1.00 mm	 Red	bag/10	0.002
18991.120	Screwdriver alone	1.20 mm	 Black	piece	0.011
18992.120	Spare blades	1.20 mm	 Black	bag/10	0.002
18991.140	Screwdriver alone	1.40 mm	 Grey	piece	0.011
18992.140	Spare blades	1.40 mm	 Grey	bag/10	0.003
18991.160	Screwdriver alone	1.60 mm	 Violet	piece	0.016
18992.160	Spare blades	1.60 mm	 Violet	bag/10	0.004
18991.200	Screwdriver alone	2.00 mm	 Light green	piece	0.016
18992.200	Spare blades	2.00 mm	 Light green	bag/10	0.006
18991.250	Screwdriver alone	2.50 mm	 Blue	piece	0.025
18992.250	Spare blades	2.50 mm	 Blue	bag/10	0.010
18991.300	Screwdriver alone	3.00 mm	 Brown	piece	0.025
18992.300	Spare blades	3.00 mm	 Brown	bag/10	0.014
18992V	Blade fixing screws	-	-	bag/10	0.001



Set of 5 antimagnetic screwdrivers

Set of 5 top quality 100% antimagnetic screwdrivers. Diameters: 0.60 - 0.80 - 1.00 - 1.20 - 1.40 mm. Screwdrivers alone ref. 18991 + Ø. In plastic wallets with five screwdrivers and blades plus one spare blade of each size.

N°	Description	Ø	Colour	Sales unit	Kg
18985	Screwdriver set	0.60 to 1.40 mm		set	0.045
18991.060	Screwdriver alone	0.60 mm	Pink	piece	0.008
18992.060	Spare blades	0.60 mm	Pink	bag/10	0.001
18991.080	Screwdriver alone	0.80 mm	Yellow	piece	0.008
18992.080	Spare blades	0.80 mm	Yellow	bag/10	0.001
18991.100	Screwdriver alone	1.00 mm	Red	piece	0.011
18992.100	Spare blades	1.00 mm	Red	bag/10	0.002
18991.120	Screwdriver alone	1.20 mm	Black	piece	0.011
18992.120	Spare blades	1.20 mm	Black	bag/10	0.002
18991.140	Screwdriver alone	1.40 mm	Grey	piece	0.011
18992.140	Spare blades	1.40 mm	Grey	bag/10	0.003
18992V	Blade fixing screws	-	-	bag/10	0.001

Non-magnetic screwdrivers



100% anti-magnetic screwdrivers. Replaceable blades and screws in beryllium.

N°	Description	Ø	Colour	Sales unit	Kg
18991.060	Screwdriver alone	0.60 mm	Pink	piece	0.008
18992.060	Spare blades	0.60 mm	Pink	bag/10	0.001
18991.080	Screwdriver alone	0.80 mm	Yellow	piece	0.008
18992.080	Spare blades	0.80 mm	Yellow	bag/10	0.001
18991.100	Screwdriver alone	1.00 mm	Red	piece	0.011
18992.100	Spare blades	1.00 mm	Red	bag/10	0.002
18991.120	Screwdriver alone	1.20 mm	Black	piece	0.011
18992.120	Spare blades	1.20 mm	Black	bag/10	0.002
18991.140	Screwdriver alone	1.40 mm	Grey	piece	0.011
18992.140	Spare blades	1.40 mm	Grey	bag/10	0.003
18991.160	Screwdriver alone	1.60 mm	Violet	piece	0.016

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Non-magnetic screwdrivers

N°	Description	Ø	Colour	Sales unit	Kg
18992.160	Spare blades	1.60 mm	 Violet	bag/10	0.004
18991.200	Screwdriver alone	2.00 mm	 Light green	piece	0.016
18992.200	Spare blades	2.00 mm	 Light green	bag/10	0.006
18991.250	Screwdriver alone	2.50 mm	 Blue	piece	0.025
18992.250	Spare blades	2.50 mm	 Blue	bag/10	0.010
18991.300	Screwdriver alone	3.00 mm	 Brown	piece	0.025
18992.300	Spare blades	3.00 mm	 Brown	bag/10	0.014
18992V	Blade fixing screws	-	-	bag/10	0.001

01

Optical screwdrivers

Set of high quality screwdrivers for opticians and jewellers. Includes two handles in aluminium with revolving heads in black plastic. The blades are held by a quick release steel clip. The set comprises a wide range of 15 different blades and keys.

- 1X Ø1.50 mm - Philips screwdriver
- 1X Ø1.80 mm - Philips screwdriver
- 1X Ø2.00 mm - Philips screwdriver
- 1X Ø2.50 mm - Philips screwdriver
- 2X Ø1.50 mm - Flat blade screwdriver
- 1X Ø1.80 mm - Flat blade screwdriver
- 1X Ø2.00 mm - Flat blade screwdriver
- 1X Ø2.50 mm - Flat blade screwdriver
- 1X Rounding bur
- 1X internal Ø2.20mm - Hexagonal tube type key
- 1X internal Ø2.50mm - Hexagonal tube type key
- 1X internal Ø2.40mm - Square tube type key
- 1X internal Ø2.20mm - Hexagonal rounded corners, tube type "star" key
- 1X internal Ø2.50mm - Hexagonal rounded corners, tube type "star" key

Tap for thread Ø1.00 mm, optional. On request. (189.450Q)



N°	Description	Ø	Sales unit	Kg
189.450	Complete set	-	set	0.200
189.450H	Phillips cross point blade	1.5 mm	piece	0.013
189450H2	Phillips cross point blade	1.8 mm	piece	0.013
189.450HI	Phillips cross point blade	2.0 mm	piece	0.013
189.450J	Phillips cross point blade	2.5 mm	piece	0.013
189.450K	Flat blade	1.5 mm	piece	0.013
189.450L	Flat blade	1.8 mm	piece	0.013
189.450M	Flat blade	2.0 mm	piece	0.013
189.450N	Flat blade	2.5 mm	piece	0.013
189.450R	Rounding bur		piece	0.013
189.450A	Hexagonal tube type key	2.2 mm	piece	0.013
189.450B	Hexagonal tube type key	2.5 mm	piece	0.013
189.450O	Square tube type key	2.4 mm	piece	0.013
189.450P	Hexagonal rounded corners, tube type "star" key	2.2 mm	piece	0.013

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Optical screwdrivers

N°	Description	Ø	Sales unit	Kg
189.450F	Hexagonal rounded corners, tube type "star" key	2.5 mm	piece	0.013
189.450Q	Tap for thread	1.0 mm	piece	0.013

Philips screwdriver set

Set of 4 A*F Philips screwdrivers with cross-point blade tips. Allow fast dismantling and assembly of modules assembled with Philips screws.



N°	Description	Ø	Colour	Sales unit	Kg
18983.4	Set of 4 pieces	1.50 - 2.00 - 2.50 - 3.00 mm		set	0.026
18983.150	Screwdriver alone	1.50 mm	Violet	piece	0.026
18983.200	Screwdriver alone	2.00 mm	Green	piece	0.026
18983.250	Screwdriver alone	2.50 mm	Blue	piece	0.026
18983.300	Screwdriver alone	3.00 mm	Brown	piece	0.026

Philips screwdrivers

Philips screwdrivers with cross-point blade tips. Allow fast dismantling and assembly of modules joined together with Philips screws.



N°	Description	Ø	Colour	Sales unit	Kg
18983.120	Screwdriver alone	1.20 mm	Grey	piece	0.026
18983.150	Screwdriver alone	1.50 mm	Violet	piece	0.026
18983.200	Screwdriver alone	2.00 mm	Green	piece	0.026
18983.250	Screwdriver alone	2.50 mm	Blue	piece	0.026
18983.300	Screwdriver alone	3.00 mm	Brown	piece	0.026

SEIKO screwdriver

Seiko screwdriver that you need for caliber 7S26.



N°	Description	Ø	Sales unit	Kg
189.891	Screwdriver alone	0.98	piece	0.0047



Nutdriver set

Set of 5 socket drivers, diameters 3.00 - 3.50 - 4.00 - 4.50 - 5.00 mm.

N°	Description	Ø	Colour	Sales unit	Kg
18942	Set	3.00 3.50 4.00 4.50 5.00 mm		set	0.140
18942.300	Nutdriver	3.00 mm	Black	piece	0.024
18942.350	Nutdriver	3.50 mm	Violet	piece	0.024
18942.400	Nutdriver	4.00 mm	Light green	piece	0.024
18942.450	Nutdriver	4.50 mm	Blue	piece	0.024
18942.500	Nutdriver	5.00 mm	Brown	piece	0.024

Nutdrivers



Socket drivers, colour coded according to the diameter. Diameters available 3.00 - 3.50 - 4.00 - 4.50 - 5.00 mm.

N°	Description	Ø	Colour	Sales unit	Kg
18942.300	Nutdriver	3.00 mm	Black	piece	0.024
18942.350	Nutdriver	3.50 mm	Violet	piece	0.024
18942.400	Nutdriver	4.00 mm	Light green	piece	0.024
18942.450	Nutdriver	4.50 mm	Blue	piece	0.024
18942.500	Nutdriver	5.00 mm	Brown	piece	0.024

Allen key set

Set of three hexagonal keys with colour-coded heads.



N°	Ø	Colour	Sales unit
189.880	1.50 - 2.00 - 2.50 mm		set
189.880.15	1.50 mm	Violet	piece
189.880.20	2.00 mm	Light green	piece

Continued from previous page

Allen key set

N°	Ø	Colour	Sales unit
189.880.25	2.50 mm	 Blue	piece

Pocket screwdriver set

Screwdriver handle in anodised aluminium, knurled and fitted with a rounded cap to store the blades in the handle. Blades are in hardened tool steel, oxidised black to remain rust-free and will not turn in the chuck. Excellent for clocks, watches, electronics, etc. Supplied complete with the 5 blades described below.



N°	Description	Ø	Sales unit	Kg
189.911	Screwdriver set	-	set	0.029
189.911C.140	Philips blade	1.40 mm	piece	0.0018
189.911C.200	Philips blade	2.00 mm	piece	0.0019
189.911P.100	Flat blade	1.00 mm	piece	0.0017
189.911P.140	Flat blade	1.40 mm	piece	0.0018
189.911P.200	Flat blade	2.00 mm	piece	0.0019

Screwdriver

"Key chain" screwdriver very handy for spectacle frames and other small items. Nickel plated handle with screw cap, steel blade.



N°	Length	Ø	Sales unit	Kg
189.460	50 mm	1.60 mm	piece	0.005

Screwdriver sharpener

For screwdriver blades. Sharpening stone included.

Maximum diameter of the blade 1.40 mm



N°	Sales unit	Kg
170.501	piece	0.070

Available steels and alloys by Dumont

Carbon steel is an extremely hard alloy (> 59 HRC) composed of C, Mn, and Si. While Carbon ensures strong tips, it will nevertheless easily rust. This alloy is magnetic and cannot be sterilized.

Inox 02 is composed of C, Mn, Cr and Si is a standard magnetic stainless steel. This alloy is not as hard as carbon steels because it contains Chromium. Innox 02 will resist temperatures of around 400°C (DIN 50 914) but cannot be sterilized.

Inox 08 is a medical stainless steel composed of C, Mn, Cr, Mo and V that provides an excellent resistance to corrosion and a good resistance to salt. Although not as hard as Carbon steels, Innox 08 offers excellent resistance to corrosion. This magnetic alloy supports temperatures of around 400°C (DIN 50914) and is suitable for autoclave sterilization at 180°C.

Dumoxel is composed of C, Cr, Ni, Mo and Cu and is the most popular alloy among our customers. This alloy was developed and patented by Dumont to offer the best in resistance to corrosion thanks to its high concentration of molybdenum and chromium. Dumoxel also guarantees an excellent resistance to sulphuric environments, hydrochloric acid, as well as to all other mineral and organic acids. Dumoxel is 95% antimagnetic, resistant up to temperatures of around 400°C (DIN 50 914) and is suitable for autoclave sterilization at 270°C.

This Dumont patented alloy is composed of C, Cr, Mo, Mn, Co, Ni and Si. Dumostar is more elastic and more resistant to corrosion than the best stainless steels. It is also perfectly compatible with human tissues and is resistant to mineral and organic acids as well to salt. Although slightly more expensive than other alloys, Dumostar is 100% antimagnetic and is resistant to sterilization temperatures of up to 500°C. This is the most cost effective and appropriate alloy for laboratory use.

Antimagnetic is composed of C, Cr, Ni and Mo. It offers a good resistance to corrosion thanks to its high concentration of molybdenum and is 80% antimagnetic but is not as hard as Innox. Antimagnetic is resistant up to temperatures of around 400°C (DIN 50 914) and is suitable for autoclave sterilization at 270°C.

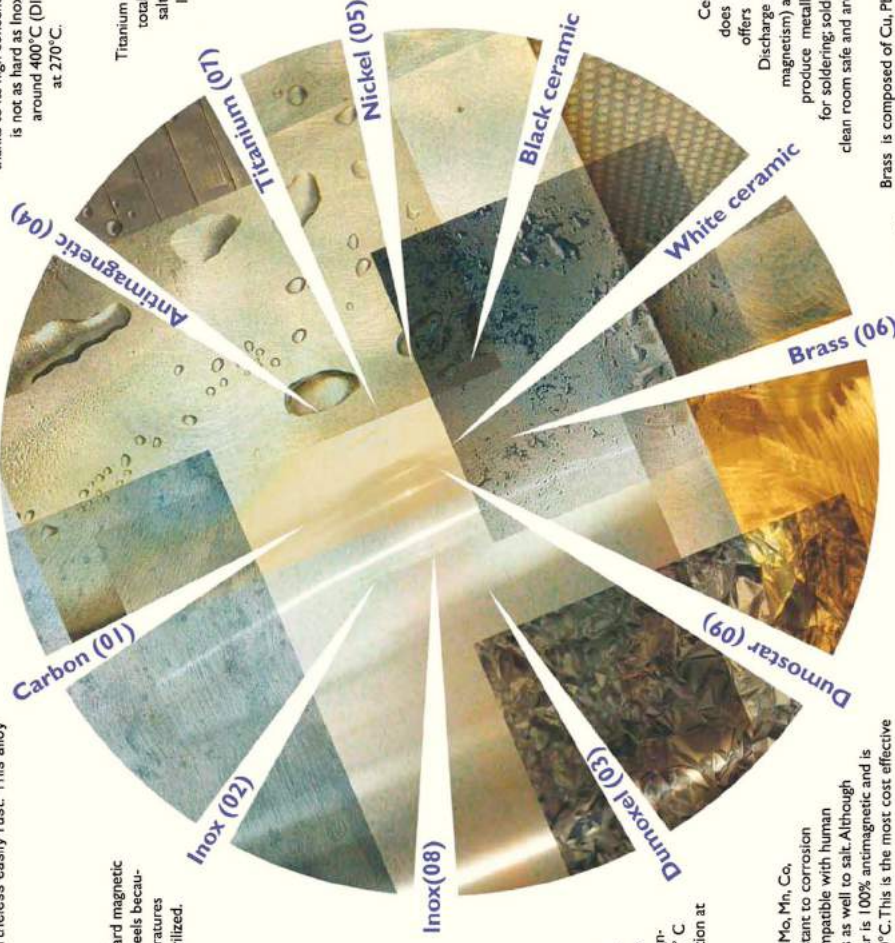
Titanium is an alloy composed of C, Fe, O, H, N and Ti. It is totally resistant to corrosion from nitric acid, chloride, salt water, and the like. This alloy is not as hard as Innox 08 but is 40% lighter and more flexible. Titanium 100% antimagnetic and resistant up to temperatures of around 430°C.

Nickel is a 100% antimagnetic alloy composed of Cu, Ni, Mn and Zn. It is widely appreciated as it does not damage the components handled by it. This alloy cannot be sterilized.

Ceramic ZrO2 is even harder than stainless steel and does not contain carbon or other metal additives. It offers good resistance to chemicals and is Electro Static Discharge safe. Black Ceramic is antimagnetic (Zero residual magnetism) and microwave - sterilization compatible. It does not produce metallic contamination and offer good thermal isolation for soldering; solder will not adhere to its surface. Black ceramic is clean room safe and are available in antistatic versions for CMOS.

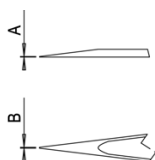
Ceramic ZrO2 is even harder than stainless steel and does not contain carbon or other metal additives. It offers good resistance to chemicals and is Electro Static Discharge safe. White Ceramic is antimagnetic (Zero residual magnetism) and microwave-sterilization compatible. It does not produce metallic contamination and offer good thermal isolation for soldering; solder will not adhere to its surface. White ceramic is clean room safe and are available in anti-static versions for CMOS.

Brass is composed of Cu, Pb, Sn, Ni and Zn. This alloy is 100% antimagnetic and is widely used for handling delicate components, especially in watch-making. This alloy cannot be sterilized.



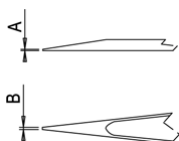
DUMONT
S W I S S M A D E

Geneva pattern, fine tips



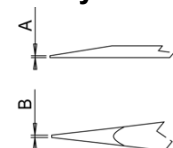
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-0-PO	Carbone	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0102-0-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0304-0-PO	Antimagnetic	Polished	0.10	0.0039	0.17	0.0067	115	4.5310

Geneva pattern, strong tips, heavy body



N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-00-PO	Carbone	Polished	0.25	0.0099	0.45	0.0177	115	4.5310
0103-00-PO	Dumoxel®	Polished	0.25	0.0099	0.45	0.0177	115	4.5310
0302-00-PO	Inox 02	Polished	0.25	0.0099	0.45	0.0177	115	4.5310
0304-00-PO	Antimagnetic	Polished	0.25	0.0099	0.45	0.0177	115	4.5310

Geneva pattern, strong tips, short body



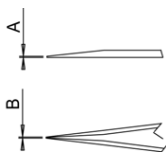
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-00C-PO	Carbone	Polished	0.25	0.0099	0.45	0.0177	105	4.1370
0102-00C-PO	Inox 02	Polished	0.25	0.0099	0.45	0.0177	105	4.1370

Tweezer for spring bars, custom made tips upon request



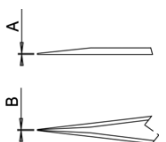
N°	Steel / alloy	Finish	L [mm] inch	
5303-00SPBRA-PO	Dumoxel®	Polished	115	4.5310

Strong tips



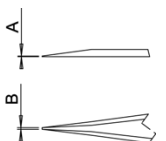
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-1-PO	Carbone	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0102-1-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0103-1-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0109-1-PO	Dumostar®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0302-1-CO	Inox 02	Epoxy coated	0.12	0.0047	0.20	0.0079	120	4.7280
0302-1-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0303-1-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0304-1-PO	Antimagnetic	Polished	0.12	0.0047	0.20	0.0079	120	4.7280

Strong tips. Very popular in watch-making



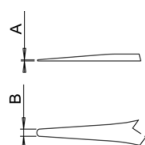
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
5306-1AM-PS	Laiton	Matt	0.12	0.0047	0.20	0.0079	120	4.7280

Strong tips



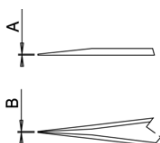
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-2-PO	Carbone	Polished	0.12	0.0047	0.30	0.0118	120	4.7280
0102-2-PO	Inox 02	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0103-2-PO	Dumoxel®	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0109-2-PO	Dumostar®	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0302-2-CO	Inox 02	Epoxy coated	0.14	0.0055	0.34	0.0134	120	4.7280
0302-2-PO	Inox 02	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0303-2-PO	Dumoxel®	Polished	0.14	0.0055	0.34	0.0134	120	4.7280

Flat, rounded tips



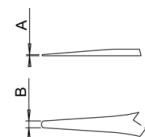
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0102-2A-PO	Inox 02	Polished	0.20	0.0079	1.50	0.0591	120	4.7280
0302-2A-PO	Inox 02	Polished	0.20	0.0079	1.50	0.0591	120	4.7280
0304-2A-PO	Antimagnetic	Polished	0.20	0.0079	1.50	0.0591	120	4.7280

Strong tips with bevel



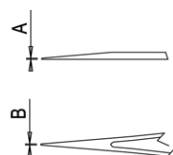
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
5306-2AM-PS	Laiton	Matt	0.14	0.0055	0.34	0.0134	120	4.7280

Flat round tips, completely coated surface



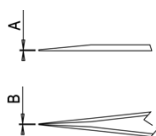
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-2APCO-CO	Antimagnetic	Epoxy Coated	0.20	0.0079	1.50	0.0591	120	4.7280

Fine tips



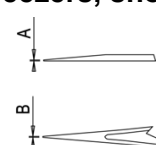
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-3-PO	Carbone	Polished	0.08	0.0032	0.13	0.0051	120	4.7280
0102-3-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0103-3-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0106-3-PO	Laiton	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0107-3TI-PO	Titane	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0109-3-PO	Dumostar®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0302-3-CO	Inox 02	Epoxy coated	0.10	0.0039	0.17	0.0067	120	4.7280
0302-3-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0303-3-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280

Fine tips



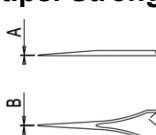
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
5306-3AM-PS	Laiton	Matt	0.10	0.0039	0.17	0.0067	120	4.7280

Type 3 tweezers, short, fine tips



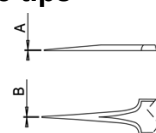
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0103-3C-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0302-3C-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0303-3C-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	110	4.3340

Very fine tips. Stronger than type 5



N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-4-PO	Carbone	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
0102-4-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0103-4-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0109-4-PO	Dumostar®	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0109-4-PS	Dumostar®	Matt	0.08	0.0032	0.13	0.0051	110	4.3340
0302-4-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0303-4-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	110	4.3340

Super fine tips



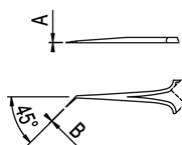
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-5-PO	Carbone	Polished	0.04	0.0016	0.08	0.0032	110	4.3340
0103-5-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
0107-5TI-PO	Titane	Polished	0.06	0.0024	0.10	0.0039	110	4.3340

Continued from previous page

Super fine tips

N°	Steel / alloy	Finish	A	inch	B	inch	L	inch
0108-5-PO	Inox 08	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
0109-5-PO	Dumostar®	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
0302-5-CO	Inox 02	Epoxy coated	0.06	0.0024	0.10	0.0039	110	4.3340
0302-5-PO	Inox 02	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
0303-5-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
2409-5SF-MF	Dumoxel®	Mirror polished	0.015	0.0006	0.025	0.0010	108	4.2552

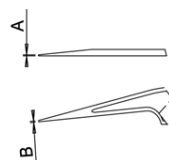
Fine tips, angled 45°



02

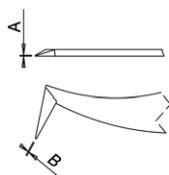
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0108-5/45-PO	Inox 08	Polished	0.06	0.0024	0.10	0.0039	109	4.2946

Oblique tips



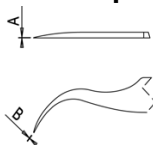
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0108-5A-PO	Inox 08	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0302-5A-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	115	4.5310

Fine, hooked tips



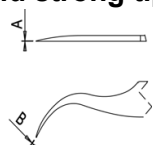
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0103-6-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310

Curved and fine tips



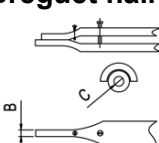
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-7-PO	Carbone	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0102-7-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-7-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0107-TTI-PO	Titane	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0109-7-PO	Dumostar®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0109-7-PS	Dumostar®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0302-7-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0303-7-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310

Curved and strong tips



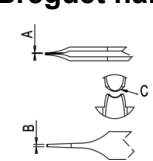
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0102-7A-PO	Inox 02	Polished	0.16	0.0063	0.24	0.0095	115	4.5310

To bend Breguet hairsprings, size 00



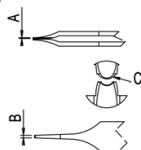
N°	Steel / alloy	Finish	B [mm] inch		C [mm] inch		L [mm] inch	
0101-9/00-PO	Carbone	Polished	1.50	0.0591	R 0.55	0.0217	110	4.3340

To curve Breguet hairsprings, size 00



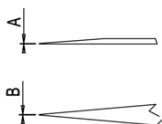
N°	Steel / alloy	Finish	A	inch	B	inch	C	inch	L	inch
0101-10/00-PO	Carbone	Polished	0.30	0.0118	0.60	0.0236	R 0.32	0.0126	110	4.3340

To curve Breguet hairprings, size 4



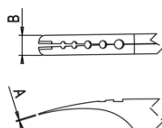
N°	Steel / alloy	Finish	A	inch	B	inch	C	inch	L	inch
0101-10/4-PO	Carbone	Polished	0.8	0.0315	2.00	0.0788	R 1.00	0.0394	110	4.3340

Strong tips, ideal to manipulate delicate parts



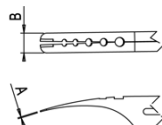
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0105-11NI-PO	Nickel	Polished	0.14	0.0055	0.24	0.0095	120	4.7280

To lift and hold watch hands. Different diameters upon request



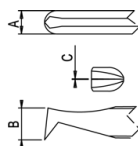
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0101-14-PO	Carbone	Polished	0.30	0.0118	5.00	0.1970	110	4.3340
0102-14-PO	Inox 02	Polished	0.30	0.0118	5.00	0.1970	110	4.3340

To lift and hold clock hands. Different diameters upon request



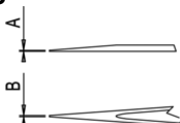
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0101-14A-PO	Carbone	Polished	0.30	0.0118	5.00	0.1970	125	4.9250

To cut wires, hairsprings, etc.



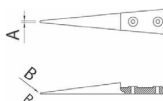
N°	Steel / alloy	Finish	A	inch	B	inch	C	inch	L	inch
0101-15A-PO	Carbone	Polished	8.50	0.3349	10.50	0.4137	0.20	0.0079	115	4.5310

Strong tips



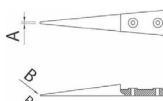
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
0107-AATI-PO	Titane	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0302-AA-CO	Inox 02	Epoxy coated	0.20	0.0079	0.40	0.0158	125	4.9250
0302-AA-PO	Inox 02	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0303-AA-PO	Dumoxel®	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0304-AA-PO	Antimagnetic	Polished	0.20	0.0079	0.40	0.0158	125	4.9250

WA1 handle with 4-DEL tips



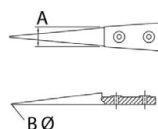
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
10004-D4-SM	Antimagnetic (04)	Handle & Tips	0.60	0.0236	0.30	0.0118	130	5.1220
TIP-4-DEL	White Delrin	Replaceable Tips	0.60	0.0236	0.30	0.0118	40	1.5760

WA1 handle with 4-ESD tips



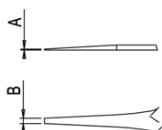
N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
10004-E4-SM	Antimagnetic (04)	Handle & Tips	0.60	0.0236	0.30	0.0118	130	5.1220
TIP-4-ESD	Black ESD	Replaceable Tips	0.60	0.0236	0.30	0.0118	40	1.5760

WA1 handle with 15-ESD tips



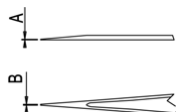
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
10004-E15-SM	Antimagnetic (04)	Handle & Tips	5.35	0.2108	0.30	0.0118	130	5.1220
TIP-15-ESD	Black ESD	Replaceable Tips	5.35	0.2108	0.30	0.0118	40	1.5760

Wide square tips



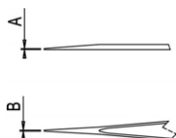
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0101-F-PO	Carbone	Polished	0.20	0.0079	2.00	0.0788	120	4.7280
0102-F-PO	Inox 02	Polished	0.20	0.0079	2.00	0.0788	120	4.7280
0103-F-PO	Dumoxel®	Polished	0.20	0.0079	2.00	0.0788	120	4.7280

Strong tips



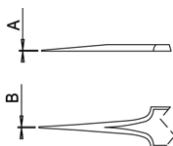
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0302-GG-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	130	5.1220
0304-GG-PO	Antimagnetic	Polished	0.12	0.0047	0.20	0.0079	130	5.1220

Assembling tweezers



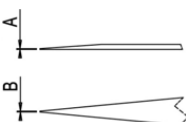
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0302-MM-PO	Inox 02	Polished	0.22	0.0087	0.26	0.0102	127	5.0038
0304-MM-PO	Antimagnetic	Polished	0.22	0.0087	0.26	0.0102	127	5.0038

Super fine tips



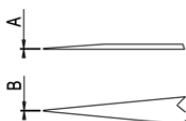
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-N5-PO	Antimagn.	Polished	0.06	0.0024	0.10	0.0039	108	4.2552

Assembling tweezer



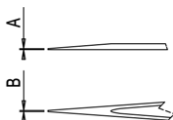
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0302-NN-PO	Antimagn.	Epoxy coated	0.20	0.0079	0.40	0.0158	115	4.5310

Strong tips



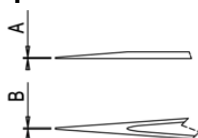
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-P-PO	Antimagnetic	Polished	0.14	0.0055	0.24	0.0095	120	4.7280

Fine tips



N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0102-S-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0103-S-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280

Long and narrow shanks, fine tips



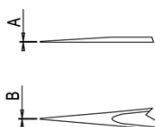
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0302-SS135-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0304-SS135-PO	Antimagnetic	Polished	0.12	0.0047	0.20	0.0079	135	5.3190

Long and narrow shanks, fine tips



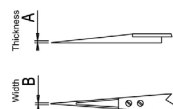
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0102-SS140-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	140	5.5160
0303-SS140-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	140	5.5160

Long popular tweezers for handling



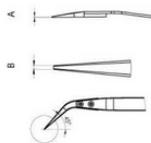
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
5306-S5-PO	Laiton	Polished	0.3	0.0118	0.2	0.0079	130	5.1220
5310-S5-PO	Bronze	Polished	0.3	0.0118	0.2	0.0079	130	5.1220

Patented ® screwed-on wooden tips.



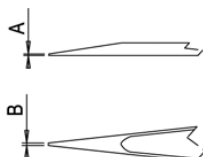
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
10004-B159-SM	Antimagnetic	Handle & Tips	0.50	0.0197	0.50	0.0197	130	5.1220
TIP-159-BUI		Spare Tips	0.50	0.0197	0.50	0.0197		

Patented ® screwed-on wooden 45° tips.



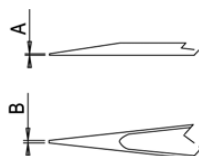
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
5304-159/45BUIS-PO	Antimagnetic	Polished	0.50	0.0197	0.50	0.0197	130	5.1220
PTE.BUIS-5304-159/45	Spare tips							

Geneva pattern, strong tips, thick body



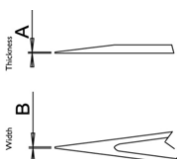
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-00 SA ESD-CO	Antimagn.	Coated	0.25	0.0099	0.45	0.0177	115	4.5310

Ergonomic ESD tweezer type 00



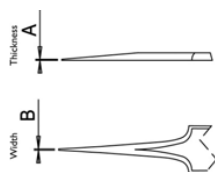
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-00 SA ESD-ET2	Antimagn.	Polished	0.25	0.0099	0.45	0.0177	115	4.5310

Ergonomic ESD tweezer type 3



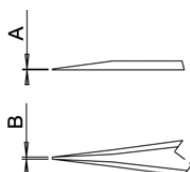
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-3 SA ESD-ET2	Antimagn.	Polished	0.10	0.0039	0.17	0.0067	120	4.7280

Ergonomic ESD tweezer type 5



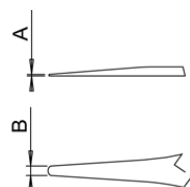
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-5 SA ESD-ET2	Antimagn.	Polished	0.06	0.0024	0.10	0.0039	110	4.3340

Strong tips



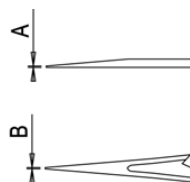
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-2 SA ESD-CO	Antimagn.	Coated	0.14	0.0055	0.34	0.0134	120	4.7280

Flat, rounded tips



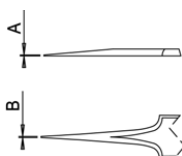
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-2A SA ESD-CO	Antimagn.	Coated	0.20	0.0079	1.50	0.0591	120	4.7280

Fine tips



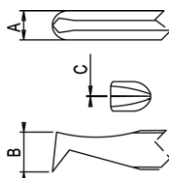
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-3 SA ESD-CO	Antimagn.	Coated	0.10	0.0039	0.17	0.0067	120	4.7280

Super fine tips



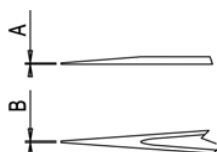
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-5 SA ESD-CO	Antimagn.	Coated	0.06	0.0024	0.10	0.0039	110	4.3340

To cut wires, hairsprings, etc.



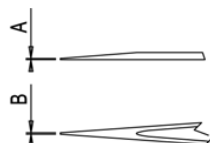
N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0301-15A ESD-CO	Carbone	Coated	8.50	0.3349	10.50	0.4137	115	4.5310

Strong tips



N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0304-AA SA ESD-CO	Antimagn.	Coated	0.20	0.0079	0.40	0.0158	125	4.9250

Gem tweezers, long body, fine tips



N°	Steel / alloy	Finish	Striage	A	inch	B	inch	L	inch
6102-70F-PS	Inox 02	Satin	P	0.40	0.0158	0.0158	0.0006	160	6.3040

Gem tweezers, long body, medium tips, grooved



N°	Steel / alloy	Finish	Striage	Option	A	inch	B	inch	L	inch
6102-70MG-PS	Inox 02	Satin	P	G	0.70	0.0276	1.55	0.0611	160	6.3040

Gem tweezers, long body, medium tips



N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
6102-70M-PS	Inox 02	Satin	0.70	0.0276	1.55	0.0611	160	6.3040

Gem tweezers, long body, medium tips, locking



N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
6102-70ML-PS	Inox 02	Satin	0.70	0.0276	1.55	0.0611	160	6.3040

Diamond tweezer with shovel

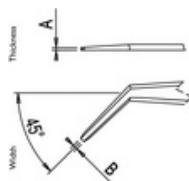


N°	Steel / alloy	Finish	A [mm]	inch	B [mm]	inch	L [mm]	inch
6102-182-PS	Inox 02	Satin	1.80	0.0709	0.80	0.0315	177	6.9738



Optical tweezer

For gripping spectacle and other small screws.



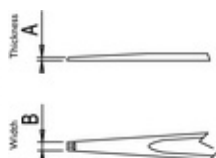
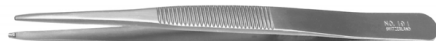
N°	Steel /	Finish	A	inch	B	inch	C	L	inch	Description	Weight
164.242	Antimagn.	Matt	0.70	0.0276	1.80	0.0709	Ø	138	5.4372	Curved tips 45°	0.025

02



Optical tweezer

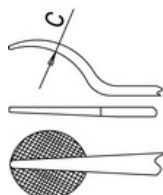
For gripping spectacle and other small screws.



N°	Steel /	Finish	A	inch	B	inch	C	L	inch	Description	Weight
164.191	Antimagn.	Matt	0.70	0.0276	1.80	0.0709	Ø	140	5.5160	Straight	0.025

Soldering tweezer

The ideal tool for holding ring settings and shank together for an accurate soldering job. Slide lock and serrated pad to grip ring firmly.



N°	Steel / alloy	Finish	C [mm]	inch	L [mm]	inch	Weight
125.200	Antimagn.	Matt	Ø18 - 22	0.7092 - 0.8668	139	5.4766	0.030



Heart tweezers

A cosmetic tweezer for hair removal etc. in an attractive pocket case complete with inside mirror. Ideal for ladies hand bag, complies with airline safety rules.

Case available in various colours.

Protected by a black velvet pouch.



02

N°	Steel / alloy	Finish	A [mm] inch		B [mm] inch		L [mm] inch	
0704-HT/B -BL1	Antimagnetic	Blue	62	2.4428	28	1.1032	113	4.4522
0704-HT/BK -BL1	Antimagnetic	Black	62	2.4428	28	1.1032	113	4.4522
0704-HT/BT -BL1	Antimagnetic	Turquoise	62	2.4428	28	1.1032	113	4.4522
0704-HT/LAV -BL1	Antimagnetic	Violet	62	2.4428	28	1.1032	113	4.4522
0704-HT/LG -BL1	Antimagnetic	Light green	62	2.4428	28	1.1032	113	4.4522
0704-HT/LY -BL1	Antimagnetic	Light yellow	62	2.4428	28	1.1032	113	4.4522
0704-HT/P -BL1	Antimagnetic	Pink	62	2.4428	28	1.1032	113	4.4522
0704-HT/R -BL1	Antimagnetic	Red	62	2.4428	28	1.1032	113	4.4522
0704-HT/R.CROSS-SET-BL1	Antimagnetic	Red + Cross	62	2.4428	28	1.1032	113	4.4522
0704-HT/W -BL1	Antimagnetic	White	62	2.4428	28	1.1032	113	4.4522

Customised tweezer set

Original Dumont case for stocking five standard length watchmaking tweezers.

The case is not supplied empty.

The case is supplied by AF Switzerland with original Dumont tweezers only, the choice of tweezers depending on the customer.

Please specify the required contents when ordering and we will send you an offer.



N°

Steel / alloy

DUMONT SELECT-A-BOX

Incabloc tweezer



"Original Incabloc" tweezer for holding Incabloc shock absorbers. Stainless steel.



N°	Length	Kg
125.130	135	0.021

No 27 tweezer

General purpose watchmaking tweezer, long model.



N°	Description	Length	Kg
164.704.27	Stainless non-magnetic & anti-acid	135	0.02

Gem holder

In nickered brass with spring-loaded plunger to open jaws. Normal or pocket model.

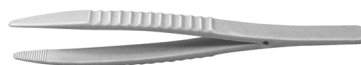


N°	Description	Length	Kg
125.180	3 claws in stainless steel	120	0.020
125.181	4 claws in stainless steel	120	0.020

Special tweezer



Plastic tweezer, in synthetic material for various uses.



N°	A [mm]	inch	B [mm]	inch	Sales unit
16575	0.006	0.0002	110	4.3340	bag/10

Cross-locking tweezers

Cross-locking action in stainless steel with heat resistant fibre grips.



N°	Description	Length	Kg
125.140	Bent jaws	160	0.037
125.141	Straight jaws	160	0.037



Hyper-Therm tweezers 3000°C

Unique heat resistant tweezers to hold parts for soldering and other heat treatments. Used in jewellery, dental, hobby, optical, glass making, medical and watchmaking applications. Handles protected by silicon rubber, heat resistant, insulating sleeves.

Tungsten steel alloy resists temperatures up to 3000°C for up to 5 -10 minutes.

N°	Description	Length	Kg
125.131L	Straight, long	175	0.029
125.131LL	Straight, long, cross-locking	175	0.035
125.131S	Straight	145	0.024

Smart grip cutters

Superb quality cutters with comfortable "Smart grip" blue and black handles. Available in two sizes: 115 mm and 130 mm. Side cutting.



N°	Length	Kg
180.757	130 mm	0.106
180.772	115 mm	0.085

Smart grip pliers

Superb quality pliers with comfortable "Smart grip" blue and black handles. Available in two sizes: 115 mm and 130 mm. Flat nose.



N°	Length	Kg
180.758	130 mm	0.106
180.773	115 mm	0.085

Smart grip pliers

Superb quality pliers with comfortable "Smart grip" blue and black handles. Available in two sizes: 115 mm and 130 mm. Round, smooth jaws.



N°	Length	Kg
180.759	130 mm	0.106
180.775	115 mm	0.085

Smart grip pliers

Superb quality pliers with comfortable "Smart grip" blue and black handles. Available in two sizes: 115 mm and 130 mm. Chain, smooth jaws.



N°	Length	Kg
180.760	130 mm	0.106
180.774	115 mm	0.085



Smart grip cutters

Superb quality cutters with comfortable "Smart grip" blue and black handles. Oblique cutting.

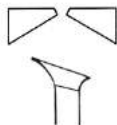
N°	Length	Kg
180.770	115 mm	0.085



Smart grip cutters

Superb quality cutter with comfortable "Smart grip" blue and black handles. End cutting.

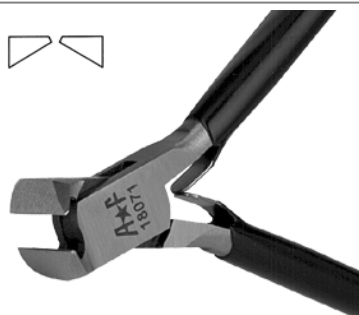
N°	Length	Kg
180.771	115 mm	0.085



Cutters - Superior quality

Superior quality cutter in polished steel with box joints. Blue plastic handles and double leaf springs. Oblique cutting.

N°	Length	Kg
18070	115 mm	0.090



Cutters - Superior quality

Superior quality cutter in polished steel with box joints. Blue plastic handles and double leaf springs. End cutting.

N°	Length	Kg
18071	115 mm	0.090

Cutters - Superior quality

Superior quality cutter in polished steel with box joints. Blue plastic handles and double leaf springs. Side cutting.



N°	Length	Kg
18072	115 mm	0.075

Pliers - Superior quality

Superior quality pliers in polished steel with box joints. Blue plastic handles and double leaf springs. Flat nose.



N°	Length	Kg
18073	115 mm	0.065

Pliers - Superior quality

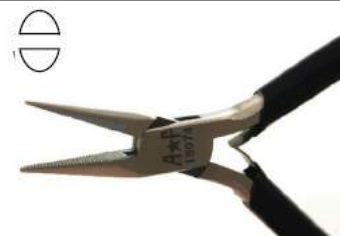
Superior quality pliers in polished steel with box joints. Blue plastic handles and double leaf springs. Half-round - smooth.



N°	Length	Kg
18074	115 mm	0.065

Pliers - Superior quality

Superior quality pliers in polished steel with box joints. Blue plastic handles and double leaf springs. Half-round - serrated.



N°	Length	Kg
18074S	115 mm	0.065



Pliers - Superior quality

Superior quality pliers in polished steel with box joints. Blue plastic handles and double leaf springs. Round nose.

N°	Length	Kg
18075	115 mm	0.055



Cutters for small chains

In top quality, polished carbon steel. Box joint with blue plastic grips and double leaf-springs. Flush cut jaws. This cutter is specially suitable for accurate cutting of small chain links.

N°	Length	Kg
125.189	115 mm	0.060



Eco-line pliers

Economical box-joint plier sets on a wooden base. Ideal for students, craftsmen and hobbyists. Well finished in brush finish stainless steel. Blue PVC handles and double-leaf springs.

N°	Description	Kg
180.593	Set of 3 pliers (180.580 - 590 - 600) and wooden stand	0.410
180.593S	Wooden stand for 3 pliers	0.100
180.595	Set of 5 pliers (180.560 - 570 - 580 - 590 - 600) and wooden stand	0.730
180.595S	Wooden stand for 5 pliers	0.140

Eco-line cutters

Economical box-joint cutter ideal for students, craftsmen and hobbyists. Well finished in brush finish stainless steel. Blue PVC handles and double-leaf springs. End cutting.



N°	Length	Kg
180.560	130 mm	0.120

Eco-line cutters

Economical box-joint cutter ideal for students, craftsmen and hobbyists. Well finished in brush finish stainless steel. Blue PVC handles and double-leaf springs. Side cutting.



N°	Length	Kg
180.570	130 mm	0.120

Eco-line pliers

Economical box-joint pliers ideal for students, craftsmen and hobbyists. Well finished in brush finish stainless steel. Blue PVC handles and double-leaf springs. Flat nose.



N°	Length	Kg
180.580	130 mm	0.074

Eco-line pliers

Economical box-joint pliers ideal for students, craftsmen and hobbyists. Well finished in brush finish stainless steel. Blue PVC handles and double-leaf springs. Round nose.



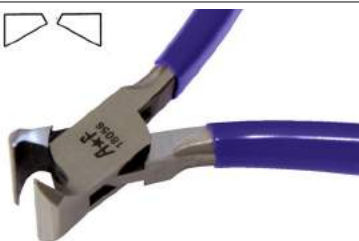
N°	Length	Kg
180.590	130 mm	0.084



Eco-line pliers

Economical box-joint pliers ideal for students, craftsmen and hobbyists. Well finished in brush finish stainless steel. Blue PVC handles and double-leaf springs. Chain nose.

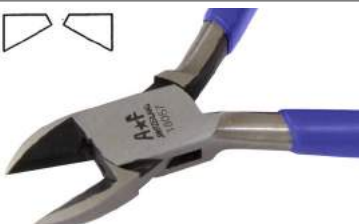
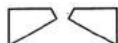
N°	Length	Kg
180.600	130 mm	0.084



Cutters

Finest quality in polished steel with plastic sleeves. Box-joint. End cutting.

N°	Length	Kg
18056	130 mm	0.120



Cutters

Finest quality in polished steel with plastic sleeves. Box-joint. Side cutting.

N°	Length	Kg
18057	130 mm	0.110

Cutters

Finest quality in polished steel with leaf springs and plastic sleeves. Box-joint. Side cutting.



N°	Length	Kg
18057SBL	130 mm	0.110

Pliers

Finest quality in polished steel with plastic sleeves. Box-joint. Smooth jaws. Flat nose.



N°	Length	Kg
18058	130 mm	0.075

Pliers

Finest quality in polished steel with plastic sleeves. Box-joint. Serrated jaws. Flat nose.



N°	Length	Kg
18058S	130 mm	0.075



Pliers

Finest quality in polished steel with plastic sleeves.
Box-joint. Round nose.

N°	Length	Kg
18059	130 mm	0.085



Pliers

Finest quality in polished steel with leaf springs and plastic sleeves. Box-joint. Round nose.

N°	Length	Kg
18059SBL	130 mm	0.085



Pliers

Finest quality in polished steel with plastic sleeves.
Box-joint. Half round, smooth jaws.

N°	Length	Sales unit	Kg
18060	130 mm	Piece	0.085

Pliers

Finest quality in polished steel with plastic sleeves.
Box-joint. Half round, serrated jaws.



N°	Length	Kg
18060S	130 mm	0.085

Pliers

Finest quality in polished steel with leaf springs and plastic sleeves. Box-joint. Half round, smooth jaws.



N°	Length	Kg
18060SBL	130 mm	0.085

Cutters

Heavy duty cutter specially designed for cutting hard and piano wire. Fine quality in polished steel with lap joint. Plastic covered handles.



N°	Length	Kg
18063	130 mm	0.075



Tungsten carbide cutter

Heavy duty end cutter with tungsten carbide cutting edges. Ideal for cutting hard metal such as watch winding stems etc. Plastic covered handles. End cutting.

N°	Length	Kg
180.601	130 mm	0.860



Bow Ring opening plier

Reverse-action plier designed so that the jaws open when the handles are squeezed together. Used by jewellers, watchmakers and body piercers for opening bows. Three notches on the outside of the conical jaws for different size rings. Lap joint head in polished steel, plastic finish handles with springs.

N°	Length	Kg
180.944	140 mm	0.105



Punching pliers

Revolving drum system for cutting holes in leather. Top quality in nickel plated steel with plastic covered handles, kept closed with a locking clip. Drum locating spring ensures accurate positioning of the punches. Easy to use with six replaceable punches in hardened steel.

N°	Description	Length	Hole Ø	Kg
125.580	Pliers	220 mm	2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 mm	0.270
125.580.20	Replacement punches	-	2.0 mm	0.008
125.580.25	Replacement punches	-	2.5 mm	0.008
125.580.30	Replacement punches	-	3.0 mm	0.008
125.580.35	Replacement punches	-	3.5 mm	0.008
125.580.40	Replacement punches	-	4.0 mm	0.008
125.580.45	Replacement punches	-	4.5 mm	0.008

Punching pliers

Punching pliers for punching holes in leather straps. Box joint in polished steel.



N°	Length	Hole Ø	Kg
125.578	130 mm	1.5 mm	0.070

Hole punching plier

For punching holes in leather watch straps etc. Revolving plate for cutting holes of different diameters. In stainless steel with box joint.



N°	Description	Kg
125.570	Hole punching plier	0.1850

Notching cutters

For producing notches in watch straps in leather or synthetic material. A heavy duty tool, beautifully finished in highly polished stainless steel with hardened jaws ensuring a clean cut.



N°	Length	Depth of cut	Width of cut	Kg
181.200	130 mm	8 mm	3 mm	0.080
181.205	130 mm	8 mm	1.5 mm	0.080



Watch bracelet plier

An essential tool for adjusting the length of metal watch bracelets. Top quality version of this popular tool. In polished steel, lap joint with one flat and one round jaw. Handles covered in blue plastic with leaf springs.

N°	Length	Kg
125.591	125 mm	0.056



Watch bracelet plier

Flat nose plier with brass inserts to avoid any damage to the object being held.

N°	Length	Kg
180.945	130 mm	0.075



Rosary pliers

In polished steel with plastic grips. Round nose and side cutter combined. Box joint.

N°	Length	Kg
125.188	130 mm	0.080

Forming pliers

Pliers for bending and shaping flat metal and wire. One jaw flat, the other half-round. Box-joint in polished steel.



N°	Length	Kg
125.576	130 mm	0.090

Forming pliers

Pliers for making sharp loops and bends in wire or sheet metal. Ideal for jump and split rings. One jaw concave, the other round. Box-joint in polished steel.



N°	Length	Kg
125.577	125 mm	0.085

Prong opening plier

Used for gripping the tips of prongs to remove stones from claw settings. Maximum control, minimum chance of damage. Box joint in polished steel, blue plastic handles.



N°	Length	Kg
180.576	115 mm	0.065



Forming pliers

Bending pliers in polished steel with box-joint. One flat jaw and one round jaw.

N°	Length	Kg
125.581	130 mm	0.075



Forming pliers

Pliers for bending, one jaw concave, the other convex.

N°	Length	Kg
125.584	130 mm	0.075



Bending pliers

Heavy duty for bending the toughest rings and closing watch bows. Well finished in forged steel with box-joint. Extra-long, plastic covered handles for maximum leverage.

N°	Length	Kg
125.190	160 mm	0.200

Bending pliers heavy duty

A*F Exclusive - Large metal forming top quality pliers for work on heavier jewellery. Ideal for bending rings or producing curves. With polished steel jaws - one flat and one half round - box joints and plastic covered handles.



N°	Length	Kg
125.195	160 mm	0.185

Bending pliers heavy duty

A*F Exclusive - Large metal forming top quality pliers for work on heavier jewellery. Ideal for bending rings or producing curves. With polished steel flat jaws, box joints and plastic covered handles.



N°	Length	Kg
125.196	160 mm	0.130

Bending pliers heavy duty

A*F Exclusive - Large metal forming top quality pliers for work on heavier jewellery. Ideal for bending rings or producing curves. With polished steel jaws - one half round and one concave - box joints and plastic covered handles.



N°	Length	Kg
125.197	160 mm	0.185



Bending pliers heavy duty

A*F Exclusive - Large metal forming top quality pliers for work on heavier jewellery. Ideal for bending rings or producing curves. With polished steel jaws, box joints and plastic covered handles.

N°	Length	Kg
125.198	165 mm	0.202



Curving pliers

New design for faster and easier bending of metal wires and strips. With minimum effort any shape can be achieved. An adjusting screw is used to obtain the desired curve. The plier is made from steel finished in black with box joint and white plastic covered handles.

N°	Length	Kg
125.579	180 mm	0.285



Nylon jaw pliers

Used for gripping and bending metal without damaging the surface. Also used by opticians for adjusting spectacle frames. Box joint in polished stainless steel with replaceable nylon jaws.

N°	Description	Length	Width	Kg
125.586	Pliers	140 mm	12 mm	0.110
125.586.1	Pair of replacement nylon jaws	25 mm	12 mm	0.003
125.587	Pliers	140 mm	7 mm	0.110
125.587.1	Pair of replacement nylon jaws	25 mm	7 mm	0.002

Bracelet bending plier

With a gentle arc for bracelets, the nylon jaw of this plier cannot scratch. Makes reshaping bracelets easy. Order extra sets of nylon jaws (125.583.1) and customize your own shape jaws for any task by simply carving the nylon with a knife. In polished stainless steel with blue grip handles.



N°	Description	Length	Kg
125.583	Pliers	145 mm	0.120
125.583.1	Nylon jaws	-	0.003

Forming plier

This plier is an eminently superior replacement for the three-jawed plier known as a bow-closing plier which is often used for reshaping rings. This tool however, will never scratch a ring since the "V-block" is in nylon and the single jaw is in highly polished stainless steel. The handles are covered in blue plastic.



N°	Description	Length	Kg
125.582	Pliers	140 mm	0.120
125.582.1	Replacement nylon "V-block"	-	0.003

Ring holding plier

For holding rings while polishing the inside or doing other work. The grooved nylon jaws hold rings or other circular objects securely without scratching. In polished steel with blue plastic grips.



N°	Description	Length	Kg
125.193	Pliers	140 mm	0.120
125.193.1	Pair of replacement nylon jaws	-	0.003



Jewellers plier

In highly polished stainless steel with round upper jaw and lower jaw in nylon. This plier can be used for various jobs without any risk of damaging the article. Fitted with a return spring in stainless steel. The handles are covered in blue plastic.

N°	Description	Length	Kg
125.194	Pliers	140 mm	0.110
125.194.1	Pair of replacement nylon jaws	-	0.003



Ring holding plier

Nicely finished in polished stainless steel. The hollow jaws hold the ring securely while the work is being done, particularly polishing of the inside. The handles are covered with blue plastic.

N°	Length	Kg
125.192	145 mm	0.095



Parallel action pliers

Flat jaws with serrated finish on the inside with a "V" shaped notch.

N°	Description	Length	Kg
180.900	"V" shaped notch	140 mm	0.150

Parallel action pliers

Parallel pliers with flat, smooth jaws.



N°	Length	Kg
180.901	140 mm	0.170

Parallel action pliers

Round nose jaws.



N°	Length	Kg
180.910	160 mm	0.250

Sliding tongs

Forged in toughened steel. Box joint for extra strength. Very good quality. Round nose flat inside for holding small parts.



N°	Length	Kg
180.925	120 mm	0.075



Sliding tongs

Forged in toughened steel. Box joint for extra strength. Very good quality. With grooves inside the tips of the jaws. With spring and locking ring.

N°	Length	Kg
180.927	120 mm	0.080



Sliding tongs

Forged in toughened steel. Box joint for extra strength. Very good quality. With flat serrated jaws, width 26 mm. With spring and locking ring.

N°	Length	Width	Kg
180.928	120 mm	26 mm	0.110



Stone setting pliers

Stone setting pliers in polished steel, box-joint. One jaw notched, the other flat.

N°	Length	Kg
125.575	125 mm	0.085

Setters pliers

Special pliers for setters. Used for straightening the prongs of claw settings. One jaw is hollow and the other is set with a steel bead. Plastic covered handles.



N°	Length	Kg
180.946	125 mm	0.080

Pliers

Pliers for opening chain links.



N°	Length	Kg
180.947	135 mm	0.080

Ring cutters

In nickered steel, well finished. Hardened steel sawblade.



N°	Description	Length	Saw Ø	Holes Ø	Kg
18114	Cutters	120 mm	20 mm	2 mm	0.090
18114A	Replacement sawblade	-	20 mm	2 mm	0.002
18114B	Nut key black	-	-	-	0.004
18114C	Nut for wing key	-	-	-	0.010
18114E	Wing key	-	-	-	0.010



Ring cutters

Large model in polished forged steel. Sturdy construction.

N°	Description	Length	Saw Ø	Holes Ø	Kg
181.130N	Cutters	165 mm	30 mm	3.5 mm	0.165
181.130.1N	Replacement sawblade	-	30 mm	3.5 mm	0.004



Shears

Jewellers shears in top quality steel with black varnished handles.

N°	Description	Length	Kg
125.300	Straight	180 mm	0.145
125.301	Curved	180 mm	0.145



Shears

Jewellers shears in top quality steel with black varnished handles. With spring and elastic locking strap.

N°	Description	Length	Kg
125.305	Straight	180 mm	0.160
125.306	Curved	180 mm	0.160

Beading shear

This lightweight micro-shear with fine blades is perfect for bead stringers and will cut bead cord, pearl thread, tags, etc.



N°	Kg
125.302	0.020

Super shear

A new and better way to cut soft metal wire, precious metal sheet, gold, silver, copper, plastic, solder, paper etc. The cutting edges, in rust-free stainless steel are tough enough to cut almost anything. Durable plastic handles are more comfortable than conventional shears. Features handy safety latch.



N°	Length	Kg
125.304	190 mm	0.190

Jewellery cutters

Straight cutter in hardened carbon steel with cutting edge adjustment. Short jaws for higher leverage and cutting power. Slide for locking jaws in closed position cut depth adjusting screw. Pressed steel handles. Perfect for sprues. Cut gold, silver, platinum, brass, copper up to 4 mm.



N°	Length	Kg
125.620	210 mm	0.300



Jewellery cutters

Oblique cutter in hardened carbon steel with cutting edge adjustment. Short jaws for higher leverage and cutting power. Slide for locking jaws in closed position cut depth adjusting screw. Pressed steel handles. Perfect for sprues. Cut gold, silver, platinum, brass, copper up to 4 mm.

N°	Length	Kg
125.621	210 mm	0.279



Jewellery cutters

Top cutter in hardened carbon steel with cutting edge adjustment. Short jaws for higher leverage and cutting power. Slide for locking jaws in closed position cut depth adjusting screw. Pressed steel handles. Perfect for sprues. Cut gold, silver, platinum, brass, copper up to 4 mm. 125.622 is ideal for shortening steel watch bands and other heavy cutting jobs.

N°	Length	Kg
125.622	200 mm	0.292



Jewellery cutter

Oblique angled jaws in top quality hardened steel. Semi-flush cut. Long pressed steel handles and compound action for maximum leverage. Cut depth adjusting screw. Slide for locking jaws. Ideal for cutting jewellery sprues in gold, silver, platinum, brass, copper up to 4 mm.

N°	Length	Kg
125.625	220 mm	0.307

Tungsten carbide cutter

Oblique angled jaws in top quality steel with super hard tungsten carbide inserts. Flush cut. Long pressed steel handles and compound action for maximum leverage. Cut depth adjusting screw. Slide for locking jaws. Ideal for cutting the hardest jewellery sprues in gold, silver, platinum, brass, copper up to 4 mm.



N°	Length	Kg
125.400	210 mm	0.300

Sprue cutters

Specially designed for cutting casting sprues. Heavy duty with black finish and polished jaws. Comfortable, moulded plastic grips in blue colour. Cuts effortlessly with extra leverage due to the compound action which also lessens fatigue. Slight semi-flush cutting edge.



N°	Length	Cutting length	Kg
125.605	185 mm	22 mm	0.250

Sprue cutter

Specially designed for cutting casting sprues. Heavy duty with black finish and polished jaws. Comfortable, moulded plastic grips in blue colour. Cuts effortlessly with extra leverage due to the compound action which also lessens fatigue. Slight semi-flush cutting edge. Model with volute return spring.



N°	Length	Cutting length	Kg
125.605R	185 mm	22 mm	0.250



Large sprue cutter

Heavy-duty, forged steel cutter with black finish and polished steel head. Compound action for extra leverage and less effort to cut thick sprues. Spring-open handles.

N°	Description	Length	Kg
125.607	Rounded jaws and semi-flush cut	215 mm	0.461



Sprue cutter

Side cutting cutter, particularly useful for cutting smaller sprues. Cuts hard wire up to a diameter of 1.6 mm. With spring and plastic covered handles.

N°	Length	Kg
125.610	165 mm	0.195



Crown scissors

Used for cutting thin precious metal sheet especially gold leaf. Top quality, beautifully finished in nickel plated steel.

N°	Description	Length	Kg
125.320	Straight style - serrated edge	115 mm	0.020
125.321	Straight style - smooth edge	115 mm	0.020
125.325	Curved style - serrated edge	115 mm	0.020
125.326	Curved style - smooth edge	115 mm	0.020

File handles

For needle files or other tools with square or round shanks. In plastic, triangular shape to prevent rolling on the bench. Brass screw chuck holds the file in place.



N°	Description	Length	Ø hole	Kg
177.350	Blue	115 mm	3.5 mm	0.035
177.351	Red	115 mm	2.5 mm	0.035

File handles



In blue plastic, fit the hand perfectly and grip the file tang firmly. Available in different sizes and socket diameters.



N°	Description	Ø hole	Kg
177.335.2	Small	2 mm	0.012
177.335.3	Small	3 mm	0.012
177.335.4	Small	4 mm	0.012
177.335.5	Small	5 mm	0.012
177.340.2	Medium	2 mm	0.017
177.340.3	Medium	3 mm	0.017
177.345.10	Large	10 mm	0.028

File handles



"Vallorbe" style in blue plastic.



N°	Description	Length	Ø hole	Kg
177.310	No. 2	94 mm	4.2 mm	0.042
177.320	No. 4	105 mm	7 mm	0.058
177.300.07	No. 7	131 mm	12.5 mm	0.095



File handle

In polished hardwood with brass collar.

N°	Length	Ø	Ø hole	Kg
111.929	120 mm	29 mm	7.5 mm	0.040



Graver handles

Universal type in polished wood. Complete with two steel chucks opening from 0.00 to 1.60 mm and from 1.60 to 3.00 mm.

N°	Length	Ø ball	Kg
117.735	73 mm	34 mm	0.030



Graver handle

Universal type in polished wood complete with one chuck only, closing to 3 mm.

N°	Length	Ø hole	Kg
117.736	73 mm	34 mm	0.030



Graver handle

Universal type in polished wood. Round handle, with two chucks opening from 0.00 to 1.60 mm and from 1.60 to 3.00 mm.

N°	Length	Ø ball	Kg
117.738	70 mm	34 mm	0.030



Graver handle

Round in polished wood with one chuck closing from 3.00 to 1.80 mm.

N°	Length	Ø ball	Kg
117.739	95 mm	34 mm	0.048

Graver handle

Universal type in polished wood with one chuck closing from 3.00 to 2.20 mm. Can be used on a lathe.



N°	Length	Ø ball	Kg
117.740	89 mm	25 mm	0.030

Graver handle

In hardwood with metal ferrule. Polished finish.



N°	Length	Ø ball	Kg
145.601	55 mm	33 mm	0.015

Graver handles

In hardwood with metal ferrule. Polished finish.



N°	Length	Ø ball	Kg
145.602	36 mm	35 mm	0.015
145.603	38 mm	35 mm	0.015

Graver handle

In hardwood with metal ferrule. Polished finish.



N°	Length	Ø ball	Kg
145.604	41 mm	35 mm	0.015



Graver handle

In hardwood with metal ferrule. Natural finish.

N°	Length	Ø ball	Kg
145.606	45 mm	30 mm	0.015



Graver handle

In hardwood with metal ferrule. Natural finish.

N°	Length	Ø ball	Kg
145.607	45 mm	30 mm	0.015



Graver handle

In hardwood with metal ferrule. Natural finish.

N°	Length	Ø ball	Kg
145.608	51 mm	31 mm	0.015



Graver handle

In hardwood with metal ferrule. Natural finish.

N°	Length	Ø ball	Kg
145.610	40 mm	36 mm	0.015

Graver handle

In hardwood with metal ferrule. Natural finish.



N°	Length	Ø ball	Kg
145.611	30 mm	32 mm	0.015

Graver handle

In hardwood with metal ferrule. Natural finish.



N°	Length	Ø ball	Kg
145.612	66 mm	32 mm	0.015

Graver handle

In hardwood with metal ferrule. Natural finish, recessed.



N°	Length	Ø ball	Kg
145.615	52 mm	33 mm	0.015

Graver handle

In hardwood with metal ferrule. Natural finish, recessed.



N°	Length	Ø ball	Kg
145.616	59 mm	33 mm	0.015

Mandrels

Standard style in stainless steel No. 303, for holding miniature disks or brushes. Shaft diameter 2.35 mm. The length is standard 46.0 mm.



N°	Description	Length	Sales unit	Ø head	Kg
119.335SP-5	Mandrel	46 mm	bag of 5 pieces	4.5 mm	0.004
119.335SP-100	Mandrel	46 mm	box of 100 pieces	4.5 mm	0.080

Mandrels



Standard style in steel, for holding miniature disks or brushes. Shaft diameter 2.35 mm. The length is standard 40 mm.

N°	Description	Ø	Sales Unit	Kg
119.335	Mandrel	-	bag/5	0.004
119.339	Mandrel	3 mm	bag/3	0.004
119.340	Mandrel - reinforced shaft	-	bag/5	0.004
119.341	Mandrel	8 mm	bag/5	0.004
119.346	Mandrel - hexagonal nut for rubber points	8 mm	bag/5	0.004
119.347D	Mandrel - Right	-	bag/5	0.004
119.347G	Mandrel - Left	-	bag/5	0.004
119.348	Mandrel - with chuck for rubber cylinders	3 mm	bag/5	0.004

Split mandrels



Slotted for holding strips of emery cloth. Available in various shapes.

N°	Description	Sales Unit	Kg
119.342	Cylindrical	bag/5	0.003
119.343	Conical	bag/5	0.003
119.344	Bullet	bag/5	0.003
119.345	Straight	bag/5	0.003

Pin vices

Hollow brass handle, steel head.



N°	Length	Kg
18214.08	8 cm	0.013
18214.10	10 cm	0.014
18214.12	12 cm	0.013

Pin vices

Brass handle, round head, two tempered steel chucks.



N°	Length	Kg
18215.07	7 cm	0.029
18215.08	8 cm	0.031
18215.09	9 cm	0.033
18215.10	10 cm	0.038
18215.11	11 cm	0.046
18215.12	12 cm	0.061

Pin vices

Brass handle, square head, two tempered steel chucks, one cross jaws closing completely and one with round hole.



N°	Length	Ø	Kg
18216A	7 - 9 - 11 - 13 cm	Assortment	0.171
18216.07	7 cm	2 mm	0.023
18216.09	9 cm	2 mm	0.031
18216.11	11 cm	3 mm	0.049
18216.13	13 cm	4 mm	0.078



Pin vice

Nickel finish, double-ended with two chucks in hardened steel. Knurled heads.

N°	Length	Chuck capacity	Kg
18218	110 mm	0 - 2.8 mm	0.040



Pin vice

Nickled, two reversible chucks in tempered steel giving four openings.

N°	Length	Chuck capacity	Kg
18219	105 mm	0 - 2.8 and 0 - 3.3 mm	0.041



Pin vices

"Eclipse" style. Hollow body in blued steel for holding any length of wire rod. Hardened steel jaws.

N°	Length	Ø	Kg
182.200	-	Set of four vices	0.095
182.201	75 mm	0 to 1 mm	0.015
182.202	90 mm	0.75 to 1.5 mm	0.023
182.203	95 mm	1.25 to 3 mm	0.031
182.204	105 mm	2.75 to 5 mm	0.040



Chuck adapter set

A useful set with three different capacity chucks for holding drill bits. Adapts 2.35 mm (3/32") collets on rotary tools and hand pieces to a more useful capacity from 0 to 3.00 m. Allows use of miniature drills with normal power drill chucks which do not close to small sizes.

N°	Description	Closing to	Kg
182.211	Set	0.00 / 1.50 / 2.00 / 3.00 mm	0.015
182.211.15	Spare collet	1.50 mm	
182.211.20	Spare collet	2 mm	
182.211.30	Spare collet	3 mm	

Jewellery round burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

A (41)



N°	Ø	Sales unit
119.250.010	1.0 mm	box of 6 pieces
119.250.015	1.5 mm	box of 6 pieces
119.250.020	2.0 mm	box of 6 pieces
119.250.025	2.5 mm	box of 6 pieces
119.250.030	3.0 mm	box of 6 pieces
119.250.035	3.5 mm	box of 6 pieces
119.250.040	4.0 mm	box of 6 pieces
119.250.045	4.5 mm	box of 6 pieces
119.250.050	5.0 mm	box of 6 pieces
119.250.060	6.0 mm	box of 6 pieces
119.250.070	7.0 mm	box of 6 pieces
119.250.080	8.0 mm	box of 6 pieces
119.250.090	9.0 mm	box of 6 pieces
119.250.100	10.0 mm	box of 6 pieces
119.250.125	12.5 mm	box of 6 pieces

Jewellery round burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.300.003	0.3 mm	box of 6 pieces
119.300.004	0.4 mm	box of 6 pieces
119.300.005	0.5 mm	box of 6 pieces
119.300.006	0.6 mm	box of 6 pieces
119.300.007	0.7 mm	box of 6 pieces
119.300.008	0.8 mm	box of 6 pieces
119.300.009	0.9 mm	box of 6 pieces
119.300.010	1.0 mm	box of 6 pieces
119.300.011	1.1 mm	box of 6 pieces
119.300.012	1.2 mm	box of 6 pieces

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Jewellery round burs

N°	Ø	Sales unit
119.300.013	1.3 mm	box of 6 pieces
119.300.014	1.4 mm	box of 6 pieces
119.300.015	1.5 mm	box of 6 pieces
119.300.016	1.6 mm	box of 6 pieces
119.300.017	1.7 mm	box of 6 pieces
119.300.018	1.8 mm	box of 6 pieces
119.300.019	1.9 mm	box of 6 pieces
119.300.020	2.0 mm	box of 6 pieces
119.300.021	2.1 mm	box of 6 pieces
119.300.022	2.2 mm	box of 6 pieces
119.300.023	2.3 mm	box of 6 pieces
119.300.024	2.4 mm	box of 6 pieces
119.300.025	2.5 mm	box of 6 pieces
119.300.026	2.6 mm	box of 6 pieces
119.300.027	2.7 mm	box of 6 pieces
119.300.028	2.8 mm	box of 6 pieces
119.300.029	2.9 mm	box of 6 pieces
119.300.030	3.0 mm	box of 6 pieces
119.300.031	3.1 mm	box of 6 pieces
119.300.033	3.3 mm	box of 6 pieces
119.300.035	3.5 mm	box of 6 pieces
119.300.037	3.7 mm	box of 6 pieces
119.300.040	4.0 mm	box of 6 pieces
119.300.042	4.2 mm	box of 6 pieces
119.300.045	4.5 mm	box of 6 pieces
119.300.047	4.7 mm	box of 6 pieces
119.300.050	5.0 mm	box of 6 pieces
119.300.055	5.5 mm	box of 6 pieces
119.300.060	6.0 mm	box of 6 pieces
119.300.065	6.5 mm	box of 6 pieces
119.300.070	7.0 mm	box of 6 pieces
119.300.075	7.5 mm	box of 6 pieces
119.300.080	8.0 mm	box of 6 pieces
119.300.085	8.5 mm	box of 6 pieces
119.300.090	9.0 mm	box of 6 pieces
119.300.095	9.5 mm	box of 6 pieces
119.300.100	10.0 mm	box of 6 pieces

Jewellery oval burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.284.050	5.0 mm	box of 6 pieces
119.284.060	6.0 mm	box of 6 pieces
119.284.070	7.0 mm	box of 6 pieces
119.284.080	8.0 mm	box of 6 pieces

Jewellery inverted cone burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.310.006	0.6 mm	box of 6 pieces
119.310.007	0.7 mm	box of 6 pieces
119.310.008	0.8 mm	box of 6 pieces
119.310.009	0.9 mm	box of 6 pieces
119.310.010	1.0 mm	box of 6 pieces
119.310.012	1.2 mm	box of 6 pieces
119.310.014	1.4 mm	box of 6 pieces
119.310.016	1.6 mm	box of 6 pieces
119.310.018	1.8 mm	box of 6 pieces
119.310.021	2.1 mm	box of 6 pieces
119.310.023	2.3 mm	box of 6 pieces
119.310.025	2.5 mm	box of 6 pieces
119.310.027	2.7 mm	box of 6 pieces
119.310.029	2.9 mm	box of 6 pieces

04



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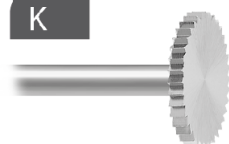
Jewellery wheel burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.305.006	0.6 mm	box of 6 pieces
119.305.007	0.7 mm	box of 6 pieces
119.305.008	0.8 mm	box of 6 pieces
119.305.009	0.9 mm	box of 6 pieces
119.305.010	1.0 mm	box of 6 pieces
119.305.012	1.2 mm	box of 6 pieces
119.305.014	1.4 mm	box of 6 pieces
119.305.016	1.6 mm	box of 6 pieces
119.305.018	1.8 mm	box of 6 pieces
119.305.021	2.1 mm	box of 6 pieces
119.305.023	2.3 mm	box of 6 pieces
119.305.025	2.5 mm	box of 6 pieces
119.305.027	2.7 mm	box of 6 pieces
119.305.029	2.9 mm	box of 6 pieces



K



Jewellery wheel burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.274.010	1.0 mm	box of 6 pieces
119.274.015	1.5 mm	box of 6 pieces
119.274.020	2.0 mm	box of 6 pieces
119.274.025	2.5 mm	box of 6 pieces
119.274.030	3.0 mm	box of 6 pieces
119.274.035	3.5 mm	box of 6 pieces
119.274.040	4.0 mm	box of 6 pieces
119.274.050	5.0 mm	box of 6 pieces
119.274.060	6.0 mm	box of 6 pieces
119.274.070	7.0 mm	box of 6 pieces
119.274.080	8.0 mm	box of 6 pieces
119.274.090	9.0 mm	box of 6 pieces

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Jewellery wheel burs

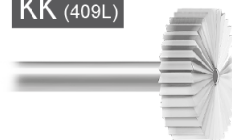
N°	Ø	Sales unit
119.274.100	10.0 mm	box of 6 pieces

Jewellery wheel burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



KK (409L)



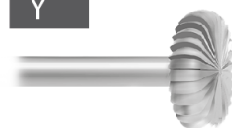
N°	Ø	Sales unit
119.276.010	1.0 mm	box of 6 pieces
119.276.015	1.5 mm	box of 6 pieces
119.276.020	2.0 mm	box of 6 pieces
119.276.025	2.5 mm	box of 6 pieces
119.276.030	3.0 mm	box of 6 pieces
119.276.040	4.0 mm	box of 6 pieces
119.276.050	5.0 mm	box of 6 pieces
119.276.060	6.0 mm	box of 6 pieces
119.276.070	7.0 mm	box of 6 pieces
119.276.080	8.0 mm	box of 6 pieces
119.276.090	9.0 mm	box of 6 pieces
119.276.100	10.0 mm	box of 6 pieces

Jewellery wheel burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



Y



N°	Ø	Sales unit
119.278.010	1.0 mm	box of 6 pieces
119.278.015	1.5 mm	box of 6 pieces
119.278.020	2.0 mm	box of 6 pieces
119.278.025	2.5 mm	box of 6 pieces
119.278.030	3.0 mm	box of 6 pieces
119.278.040	4.0 mm	box of 6 pieces
119.278.050	5.0 mm	box of 6 pieces

Continued from previous page

Jewellery wheel burs

N°	Ø	Sales unit
119.278.060	6.0 mm	box of 6 pieces
119.278.070	7.0 mm	box of 6 pieces
119.278.080	8.0 mm	box of 6 pieces
119.278.090	9.0 mm	box of 6 pieces
119.278.100	10.0 mm	box of 6 pieces
119.278.125	12.5 mm	box of 6 pieces



Jewellery wheel burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.306.023	2.3 mm	box of 6 pieces
119.306.029	2.9 mm	box of 6 pieces
119.306.035	3.5 mm	box of 6 pieces
119.306.040	4.0 mm	box of 6 pieces



Jewellery cylinder burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.325.007	0.7 mm	box of 6 pieces
119.325.008	0.8 mm	box of 6 pieces
119.325.009	0.9 mm	box of 6 pieces
119.325.010	1.0 mm	box of 6 pieces
119.325.012	1.2 mm	box of 6 pieces
119.325.014	1.4 mm	box of 6 pieces
119.325.016	1.6 mm	box of 6 pieces
119.325.018	1.8 mm	box of 6 pieces
119.325.021	2.1 mm	box of 6 pieces
119.325.023	2.3 mm	box of 6 pieces
119.325.025	2.5 mm	box of 6 pieces

Continued from previous page

Jewellery cylinder burs

N°	Ø	Sales unit
119.325.027	2.7 mm	box of 6 pieces

Jewellery cylinder burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.329.007	0.7 mm	box of 6 pieces
119.329.008	0.8 mm	box of 6 pieces
119.329.009	0.9 mm	box of 6 pieces
119.329.010	1.0 mm	box of 6 pieces
119.329.012	1.2 mm	box of 6 pieces
119.329.014	1.4 mm	box of 6 pieces
119.329.016	1.6 mm	box of 6 pieces
119.329.018	1.8 mm	box of 6 pieces
119.329.021	2.1 mm	box of 6 pieces
119.329.023	2.3 mm	box of 6 pieces
119.329.025	2.5 mm	box of 6 pieces
119.329.027	2.7 mm	box of 6 pieces

Jewellery cylinder burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

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N°	Ø	Sales unit
119.315.006	0.6 mm	box of 6 pieces
119.315.007	0.7 mm	box of 6 pieces
119.315.008	0.8 mm	box of 6 pieces
119.315.009	0.9 mm	box of 6 pieces
119.315.010	1.0 mm	box of 6 pieces
119.315.012	1.2 mm	box of 6 pieces
119.315.014	1.4 mm	box of 6 pieces
119.315.016	1.6 mm	box of 6 pieces
119.315.018	1.8 mm	box of 6 pieces

Continued from previous page

Jewellery cylinder burs

N°	Ø	Sales unit
119.315.021	2.1 mm	box of 6 pieces
119.315.023	2.3 mm	box of 6 pieces
119.315.025	2.5 mm	box of 6 pieces
119.315.027	2.7 mm	box of 6 pieces



30



Jewellery cone burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.330.009	0.9 mm	box of 6 pieces
119.330.010	1.0 mm	box of 6 pieces
119.330.012	1.2 mm	box of 6 pieces
119.330.014	1.4 mm	box of 6 pieces
119.330.016	1.6 mm	box of 6 pieces
119.330.018	1.8 mm	box of 6 pieces
119.330.021	2.1 mm	box of 6 pieces
119.330.023	2.3 mm	box of 6 pieces
119.330.025	2.5 mm	box of 6 pieces



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Jewellery cone burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.320.006	0.6 mm	box of 6 pieces
119.320.007	0.7 mm	box of 6 pieces
119.320.008	0.8 mm	box of 6 pieces
119.320.009	0.9 mm	box of 6 pieces
119.320.010	1.0 mm	box of 6 pieces
119.320.011	1.1 mm	box of 6 pieces
119.320.012	1.2 mm	box of 6 pieces
119.320.013	1.3 mm	box of 6 pieces

Continued from previous page

Jewellery cone burs

N°	Ø	Sales unit
119.320.014	1.4 mm	box of 6 pieces
119.320.015	1.5 mm	box of 6 pieces
119.320.016	1.6 mm	box of 6 pieces
119.320.018	1.8 mm	box of 6 pieces
119.320.021	2.1 mm	box of 6 pieces
119.320.023	2.3 mm	box of 6 pieces
119.320.025	2.5 mm	box of 6 pieces

Jewellery cylinder burs

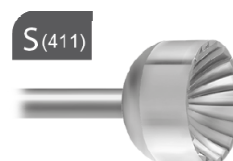
Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.261.010	1.0 mm	box of 6 pieces
119.261.015	1.5 mm	box of 6 pieces
119.261.020	2.0 mm	box of 6 pieces
119.261.025	2.5 mm	box of 6 pieces
119.261.030	3.0 mm	box of 6 pieces
119.261.035	3.5 mm	box of 6 pieces
119.261.040	4.0 mm	box of 6 pieces
119.261.050	5.0 mm	box of 6 pieces
119.261.060	6.0 mm	box of 6 pieces
119.261.900	90.0 mm	box of 6 pieces

Jewellery cup burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.256.008	0.8 mm	box of 6 pieces
119.256.009	0.9 mm	box of 6 pieces
119.256.010	1.0 mm	box of 6 pieces

Continued from previous page

Jewellery cup burs

N°	Ø	Sales unit
119.256.011	1.1 mm	box of 6 pieces
119.256.012	1.2 mm	box of 6 pieces
119.256.013	1.3 mm	box of 6 pieces
119.256.014	1.4 mm	box of 6 pieces
119.256.015	1.5 mm	box of 6 pieces
119.256.016	1.6 mm	box of 6 pieces
119.256.017	1.7 mm	box of 6 pieces
119.256.018	1.8 mm	box of 6 pieces
119.256.019	1.9 mm	box of 6 pieces
119.256.020	2.0 mm	box of 6 pieces
119.256.021	2.1 mm	box of 6 pieces
119.256.022	2.2 mm	box of 6 pieces
119.256.023	2.3 mm	box of 6 pieces
119.256.025	2.5 mm	box of 6 pieces
119.256.027	2.7 mm	box of 6 pieces
119.256.029	2.9 mm	box of 6 pieces
119.256.030	3.0 mm	box of 6 pieces
119.256.035	3.5 mm	box of 6 pieces
119.256.040	4.0 mm	box of 6 pieces
119.256.045	4.5 mm	box of 6 pieces
119.256.050	5.0 mm	box of 6 pieces
119.256.055	5.5 mm	box of 6 pieces
119.256.060	6.0 mm	box of 6 pieces
119.256.065	6.5 mm	box of 6 pieces
119.256.070	7.0 mm	box of 6 pieces
119.256.075	7.5 mm	box of 6 pieces
119.256.080	8.0 mm	box of 6 pieces
119.256.085	8.5 mm	box of 6 pieces
119.256.090	9.0 mm	box of 6 pieces
119.256.095	9.5 mm	box of 6 pieces
119.256.100	10.0 mm	box of 6 pieces
119.256.165	16.5 mm	box of 6 pieces

Jewellery Super-Cut cup burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.256SC.008	0.8 mm	box of 6 pieces
119.256SC.009	0.9 mm	box of 6 pieces
119.256SC.010	1.0 mm	box of 6 pieces
119.256SC.011	1.1 mm	box of 6 pieces
119.256SC.012	1.2 mm	box of 6 pieces
119.256SC.013	1.3 mm	box of 6 pieces
119.256SC.014	1.4 mm	box of 6 pieces
119.256SC.015	1.5 mm	box of 6 pieces
119.256SC.016	1.6 mm	box of 6 pieces
119.256SC.017	1.7 mm	box of 6 pieces
119.256SC.018	1.8 mm	box of 6 pieces
119.256SC.019	1.9 mm	box of 6 pieces
119.256SC.020	2.0 mm	box of 6 pieces
119.256SC.021	2.1 mm	box of 6 pieces
119.256SC.022	2.2 mm	box of 6 pieces
119.256SC.023	2.3 mm	box of 6 pieces

Jewellery lens burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.251.009	0.9 mm	box of 6 pieces
119.251.010	1.0 mm	box of 6 pieces
119.251.011	1.1 mm	box of 6 pieces
119.251.012	1.2 mm	box of 6 pieces
119.251.013	1.3 mm	box of 6 pieces
119.251.014	1.4 mm	box of 6 pieces
119.251.015	1.5 mm	box of 6 pieces
119.251.016	1.6 mm	box of 6 pieces

Continued from previous page

Jewellery lens burs

N°	Ø	Sales unit
119.251.017	1.7 mm	box of 6 pieces
119.251.018	1.8 mm	box of 6 pieces
119.251.019	1.9 mm	box of 6 pieces
119.251.020	2.0 mm	box of 6 pieces
119.251.021	2.1 mm	box of 6 pieces
119.251.022	2.2 mm	box of 6 pieces
119.251.023	2.3 mm	box of 6 pieces
119.251.024	2.4 mm	box of 6 pieces
119.251.025	2.5 mm	box of 6 pieces
119.251.027	2.9 mm	box of 6 pieces
119.251.029	2.9 mm	box of 6 pieces
119.251.030	3.0 mm	box of 6 pieces
119.251.031	3.1 mm	box of 6 pieces
119.251.033	3.3 mm	box of 6 pieces
119.251.035	3.5 mm	box of 6 pieces
119.251.037	3.7 mm	box of 6 pieces
119.251.040	4.0 mm	box of 6 pieces
119.251.042	4.2 mm	box of 6 pieces
119.251.045	4.5 mm	box of 6 pieces
119.251.047	4.7 mm	box of 6 pieces
119.251.050	5.0 mm	box of 6 pieces
119.251.060	6.0 mm	box of 6 pieces
119.251.070	7.0 mm	box of 6 pieces
119.251.080	8.0 mm	box of 6 pieces
119.251.090	9.0 mm	box of 6 pieces
119.251.100	10.0 mm	box of 6 pieces



HD (414)



90°

Jewellery bearing cutter 90° burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.257.005	0.5 mm	box of 6 pieces
119.257.006	0.6 mm	box of 6 pieces
119.257.007	0.7 mm	box of 6 pieces
119.257.008	0.8 mm	box of 6 pieces
119.257.009	0.9 mm	box of 6 pieces

Continued from previous page

Jewellery bearing cutter 90° burs

N°	Ø	Sales unit
119.257.010	1.0 mm	box of 6 pieces
119.257.011	1.1 mm	box of 6 pieces
119.257.012	1.2 mm	box of 6 pieces
119.257.013	1.3 mm	box of 6 pieces
119.257.014	1.4 mm	box of 6 pieces
119.257.015	1.5 mm	box of 6 pieces
119.257.016	1.6 mm	box of 6 pieces
119.257.017	1.7 mm	box of 6 pieces
119.257.018	1.8 mm	box of 6 pieces
119.257.019	1.9 mm	box of 6 pieces
119.257.020	2.0 mm	box of 6 pieces
119.257.021	2.1 mm	box of 6 pieces
119.257.022	2.2 mm	box of 6 pieces
119.257.023	2.3 mm	box of 6 pieces
119.257.024	2.4 mm	box of 6 pieces
119.257.025	2.5 mm	box of 6 pieces
119.257.026	2.6 mm	box of 6 pieces
119.257.027	2.7 mm	box of 6 pieces
119.257.028	2.8 mm	box of 6 pieces
119.257.029	2.9 mm	box of 6 pieces
119.257.030	3.0 mm	box of 6 pieces
119.257.031	3.1 mm	box of 6 pieces
119.257.033	3.3 mm	box of 6 pieces
119.257.035	3.5 mm	box of 6 pieces
119.257.037	3.7 mm	box of 6 pieces
119.257.040	4.0 mm	box of 6 pieces
119.257.042	4.2 mm	box of 6 pieces
119.257.045	4.5 mm	box of 6 pieces
119.257.047	4.7 mm	box of 6 pieces
119.257.050	5.0 mm	box of 6 pieces

Jewellery bearing cutter 70° burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

HB (446)

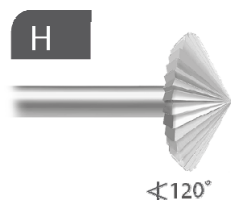


N°	Ø	Sales unit
119.257S.005	0.5 mm	box of 6 pieces

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Jewellery bearing cutter 70° burs

N°	Ø	Sales unit
119.257S.006	0.6 mm	box of 6 pieces
119.257S.007	0.7 mm	box of 6 pieces
119.257S.008	0.8 mm	box of 6 pieces
119.257S.009	0.9 mm	box of 6 pieces
119.257S.010	1.0 mm	box of 6 pieces
119.257S.011	1.1 mm	box of 6 pieces
119.257S.012	1.2 mm	box of 6 pieces
119.257S.013	1.3 mm	box of 6 pieces
119.257S.014	1.4 mm	box of 6 pieces
119.257S.015	1.5 mm	box of 6 pieces
119.257S.016	1.6 mm	box of 6 pieces
119.257S.017	1.7 mm	box of 6 pieces
119.257S.018	1.8 mm	box of 6 pieces
119.257S.019	1.9 mm	box of 6 pieces
119.257S.020	2.0 mm	box of 6 pieces
119.257S.021	2.1 mm	box of 6 pieces
119.257S.022	2.2 mm	box of 6 pieces
119.257S.023	2.3 mm	box of 6 pieces
119.257S.025	2.5 mm	box of 6 pieces
119.257S.027	2.7 mm	box of 6 pieces
119.257S.029	2.9 mm	box of 6 pieces
119.257S.031	3.1 mm	box of 6 pieces
119.257S.033	3.3 mm	box of 6 pieces
119.257S.035	3.5 mm	box of 6 pieces
119.257S.037	3.7 mm	box of 6 pieces



Jewellery bearing cutter 120° burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.272.009	0.9 mm	box of 6 pieces
119.272.010	1.0 mm	box of 6 pieces
119.272.011	1.1 mm	box of 6 pieces
119.272.012	1.2 mm	box of 6 pieces
119.272.013	1.3 mm	box of 6 pieces
119.272.014	1.4 mm	box of 6 pieces

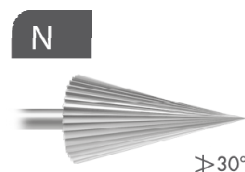
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Jewellery bearing cutter 120° burs

N°	Ø	Sales unit
119.272.015	1.5 mm	box of 6 pieces
119.272.016	1.6 mm	box of 6 pieces
119.272.017	1.7 mm	box of 6 pieces
119.272.018	1.8 mm	box of 6 pieces
119.272.019	1.9 mm	box of 6 pieces
119.272.020	2.0 mm	box of 6 pieces
119.272.021	2.1 mm	box of 6 pieces
119.272.022	2.2 mm	box of 6 pieces
119.272.023	2.3 mm	box of 6 pieces
119.272.024	2.4 mm	box of 6 pieces
119.272.025	2.5 mm	box of 6 pieces
119.272.026	2.6 mm	box of 6 pieces
119.272.027	2.7 mm	box of 6 pieces
119.272.028	2.8 mm	box of 6 pieces
119.272.029	2.9 mm	box of 6 pieces
119.272.030	3.0 mm	box of 6 pieces
119.272.035	3.5 mm	box of 6 pieces
119.272.040	4.0 mm	box of 6 pieces
119.272.050	5.0 mm	box of 6 pieces
119.272.600	60.0 mm	box of 6 pieces

Jewellery cone 30° burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.253.010	1.0 mm	box of 6 pieces
119.253.015	1.5 mm	box of 6 pieces
119.253.020	2.0 mm	box of 6 pieces
119.253.025	2.5 mm	box of 6 pieces
119.253.030	3.0 mm	box of 6 pieces
119.253.035	3.5 mm	box of 6 pieces
119.253.040	4.0 mm	box of 6 pieces
119.253.050	5.0 mm	box of 6 pieces
119.253.600	60.0 mm	box of 6 pieces
119.253.700	70.0 mm	box of 6 pieces
119.253.800	80.0 mm	box of 6 pieces

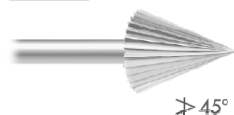
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Jewellery cone 30° burs

N°	Ø	Sales unit
119.253.900	90.0 mm	box of 6 pieces



NN



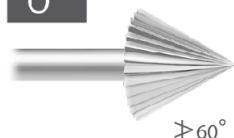
Jewellery cone 45° burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.280.010	1.0 mm	box of 6 pieces
119.280.015	1.5 mm	box of 6 pieces
119.280.020	2.0 mm	box of 6 pieces
119.280.025	2.5 mm	box of 6 pieces
119.280.030	3.0 mm	box of 6 pieces
119.280.035	3.5 mm	box of 6 pieces
119.280.040	4.0 mm	box of 6 pieces
119.280.045	4.5 mm	box of 6 pieces
119.280.050	5.0 mm	box of 6 pieces
119.280.550	55.0 mm	box of 6 pieces
119.280.600	60.0 mm	box of 6 pieces



O



Jewellery cone 60° burs

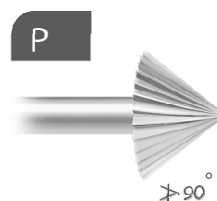
Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.282.010	1.0 mm	box of 6 pieces
119.282.015	1.5 mm	box of 6 pieces
119.282.020	2.0 mm	box of 6 pieces
119.282.030	3.0 mm	box of 6 pieces
119.282.040	4.0 mm	box of 6 pieces
119.282.350	35.0 mm	box of 6 pieces
119.282.600	60.0 mm	box of 6 pieces
119.282.700	70.0 mm	box of 6 pieces

Jewellery cone 90° burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

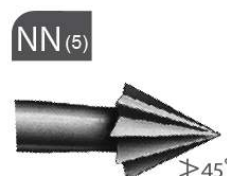


N°	Ø	Sales unit
119.260.010	1.0 mm	box of 6 pieces
119.260.012	1.2 mm	box of 6 pieces
119.260.015	1.5 mm	box of 6 pieces
119.260.017	1.7 mm	box of 6 pieces
119.260.020	2.0 mm	box of 6 pieces
119.260.025	2.5 mm	box of 6 pieces
119.260.030	3.0 mm	box of 6 pieces
119.260.035	3.5 mm	box of 6 pieces
119.260.040	4.0 mm	box of 6 pieces
119.260.045	4.5 mm	box of 6 pieces
119.260.050	5.0 mm	box of 6 pieces
119.260.125	12.5 mm	box of 6 pieces
119.260.600	60.0 mm	box of 6 pieces
119.260.700	70.0 mm	box of 6 pieces
119.260.800	80.0 mm	box of 6 pieces

Jewellery cone 45° burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.288.008	0.8 mm	box of 6 pieces
119.288.009	0.9 mm	box of 6 pieces
119.288.010	1.0 mm	box of 6 pieces
119.288.011	1.1 mm	box of 6 pieces
119.288.012	1.2 mm	box of 6 pieces
119.288.013	1.3 mm	box of 6 pieces
119.288.014	1.4 mm	box of 6 pieces
119.288.015	1.5 mm	box of 6 pieces

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Jewellery cone 45° burs

N°	Ø	Sales unit
119.288.016	1.6 mm	box of 6 pieces
119.288.017	1.7 mm	box of 6 pieces
119.288.018	1.8 mm	box of 6 pieces
119.288.019	1.9 mm	box of 6 pieces
119.288.020	2.0 mm	box of 6 pieces
119.288.021	2.1 mm	box of 6 pieces
119.288.022	2.2 mm	box of 6 pieces
119.288.023	2.3 mm	box of 6 pieces
119.288.025	2.5 mm	box of 6 pieces
119.288.027	2.7 mm	box of 6 pieces
119.288.029	2.9 mm	box of 6 pieces
119.288.030	3.0 mm	box of 6 pieces
119.288.031	3.1 mm	box of 6 pieces
119.288.033	3.3 mm	box of 6 pieces
119.288.035	3.5 mm	box of 6 pieces
119.288.037	3.7 mm	box of 6 pieces
119.288.040	4.0 mm	box of 6 pieces
119.288.042	4.2 mm	box of 6 pieces
119.288.045	4.5 mm	box of 6 pieces
119.288.047	4.7 mm	box of 6 pieces
119.288.050	5.0 mm	box of 6 pieces
119.288.800	80.0 mm	box of 6 pieces



Q (413)



Jewellery stone setting burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.254.009	0.9 mm	box of 6 pieces
119.254.010	1.0 mm	box of 6 pieces
119.254.011	1.1 mm	box of 6 pieces
119.254.012	1.2 mm	box of 6 pieces
119.254.013	1.3 mm	box of 6 pieces
119.254.014	1.4 mm	box of 6 pieces
119.254.015	1.5 mm	box of 6 pieces
119.254.016	1.6 mm	box of 6 pieces

Continued from previous page

Jewellery stone setting burs

N°	Ø	Sales unit
119.254.017	1.7 mm	box of 6 pieces
119.254.018	1.8 mm	box of 6 pieces
119.254.019	1.9 mm	box of 6 pieces
119.254.020	2.0 mm	box of 6 pieces
119.254.021	2.1 mm	box of 6 pieces
119.254.022	2.2 mm	box of 6 pieces
119.254.023	2.3 mm	box of 6 pieces
119.254.024	2.4 mm	box of 6 pieces
119.254.025	2.5 mm	box of 6 pieces
119.254.027	2.7 mm	box of 6 pieces
119.254.029	2.9 mm	box of 6 pieces
119.254.030	3.0 mm	box of 6 pieces
119.254.031	3.1 mm	box of 6 pieces
119.254.033	3.3 mm	box of 6 pieces
119.254.035	3.5 mm	box of 6 pieces
119.254.037	3.7 mm	box of 6 pieces
119.254.040	4.0 mm	box of 6 pieces
119.254.042	4.2 mm	box of 6 pieces
119.254.045	4.5 mm	box of 6 pieces
119.254.047	4.7 mm	box of 6 pieces
119.254.050	5.0 mm	box of 6 pieces
119.254.060	6.0 mm	box of 6 pieces
119.254.070	7.0 mm	box of 6 pieces
119.254.080	8.0 mm	box of 6 pieces
119.254.085	8.5 mm	box of 6 pieces
119.254.275	27.5 mm	box of 6 pieces
119.254.650	65.0 mm	box of 6 pieces

04

Jewellery cylinder burs



Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



N°	Ø	Sales unit
119.255.010	1.0 mm	box of 6 pieces
119.255.015	1.5 mm	box of 6 pieces
119.255.020	2.0 mm	box of 6 pieces

Continued from previous page

Jewellery cylinder burs

N°	Ø	Sales unit
119.255.025	2.5 mm	box of 6 pieces
119.255.030	3.0 mm	box of 6 pieces
119.255.035	3.5 mm	box of 6 pieces
119.255.040	4.0 mm	box of 6 pieces
119.255.045	4.5 mm	box of 6 pieces
119.255.050	5.0 mm	box of 6 pieces
119.255.060	6.0 mm	box of 6 pieces
119.255.070	7.0 mm	box of 6 pieces
119.255.080	8.0 mm	box of 6 pieces
119.255.090	9.0 mm	box of 6 pieces
119.255.100	10.0 mm	box of 6 pieces



Jewellery bud burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.262.006	0.6 mm	box of 6 pieces
119.262.007	0.7 mm	box of 6 pieces
119.262.008	0.8 mm	box of 6 pieces
119.262.009	0.9 mm	box of 6 pieces
119.262.010	1.0 mm	box of 6 pieces
119.262.012	1.2 mm	box of 6 pieces
119.262.014	1.4 mm	box of 6 pieces
119.262.015	1.5 mm	box of 6 pieces
119.262.016	1.6 mm	box of 6 pieces
119.262.018	1.8 mm	box of 6 pieces
119.262.021	2.1 mm	box of 6 pieces
119.262.023	2.3 mm	box of 6 pieces
119.262.025	2.5 mm	box of 6 pieces
119.262.027	2.7 mm	box of 6 pieces
119.262.029	2.9 mm	box of 6 pieces
119.262.031	3.1 mm	box of 6 pieces
119.262.033	3.3 mm	box of 6 pieces
119.262.035	3.5 mm	box of 6 pieces
119.262.037	3.7 mm	box of 6 pieces
119.262.040	4.0 mm	box of 6 pieces

Continued from previous page

Jewellery bud burs

N°	Ø	Sales unit
119.262.042	4.2 mm	box of 6 pieces
119.262.045	4.5 mm	box of 6 pieces
119.262.047	4.7 mm	box of 6 pieces
119.262.050	5.0 mm	box of 6 pieces

Jewellery flame burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

81



N°	Ø	Sales unit
119.286.050	5.0 mm	box of 6 pieces
119.286.060	6.0 mm	box of 6 pieces
119.286.070	7.0 mm	box of 6 pieces
119.286.080	8.0 mm	box of 6 pieces
119.286.450	45.0 mm	box of 6 pieces

Jewellery bud burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

83



N°	Ø	Sales unit
119.293.023	2.3 mm	box of 6 pieces
119.293.033	3.3 mm	box of 6 pieces
119.293.050	5.0 mm	box of 6 pieces
119.293.060	6.0 mm	box of 6 pieces
119.293.070	7.0 mm	box of 6 pieces
119.293.080	8.0 mm	box of 6 pieces



78 (72)



Jewellery cylinder burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.285.050	5.0 mm	box of 6 pieces
119.285.060	6.0 mm	box of 6 pieces
119.285.070	7.0 mm	box of 6 pieces
119.285.080	8.0 mm	box of 6 pieces



80 (77)



Jewellery pear burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.290.050	5.0 mm	box of 6 pieces
119.290.060	6.0 mm	box of 6 pieces
119.290.070	7.0 mm	box of 6 pieces
119.290.080	8.0 mm	box of 6 pieces



82 (79)



Jewellery long bud burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.

N°	Ø	Sales unit
119.291.050	5.0 mm	box of 6 pieces
119.291.060	6.0 mm	box of 6 pieces
119.291.070	7.0 mm	box of 6 pieces
119.291.080	8.0 mm	box of 6 pieces

Jewellery egg burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



79



N°	Ø	Sales unit
119.292.050	5.0 mm	box of 6 pieces
119.292.060	6.0 mm	box of 6 pieces
119.292.070	7.0 mm	box of 6 pieces
119.292.080	8.0 mm	box of 6 pieces

04

Jewellery Krause burs

Finest quality, in hardened alloy steel for reliability, long-life and accuracy. Satisfaction guaranteed. Shaft size is a standard diameter of 2.35 mm (3/32"). Packaged in plastic dispensing boxes of six pieces.



FK (194)



N°	Ø	Sales unit
119.289.010	1.0 mm	box of 6 pieces
119.289.012	1.2 mm	box of 6 pieces

Bur set



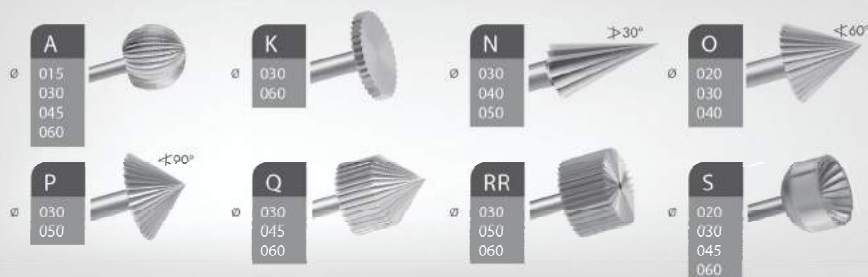
Set of 24 fine cut burs, containing 9 of the most popular shapes in diameters 1.50 to 6.00 mm. All shaft diameters 2.35 mm. Mounted on a plastic stand with transparent cover.

Composition: 119.250 (1.5 - 3.0 - 4.5 - 6.0), 119.274 (3.0 - 6.0), 119.253 (3.0 - 4.5 - 6.0), 119.282 (3.0 - 4.5 - 6.0), 119.260 (3.0 - 6.0), 119.254 (3.0 - 4.5 - 6.0), 119.261 (3.0 - 4.5 - 6.0), 119.256 (2.0 - 3.0 - 4.5 - 6.0).



04

17281



N°

Kg

17281

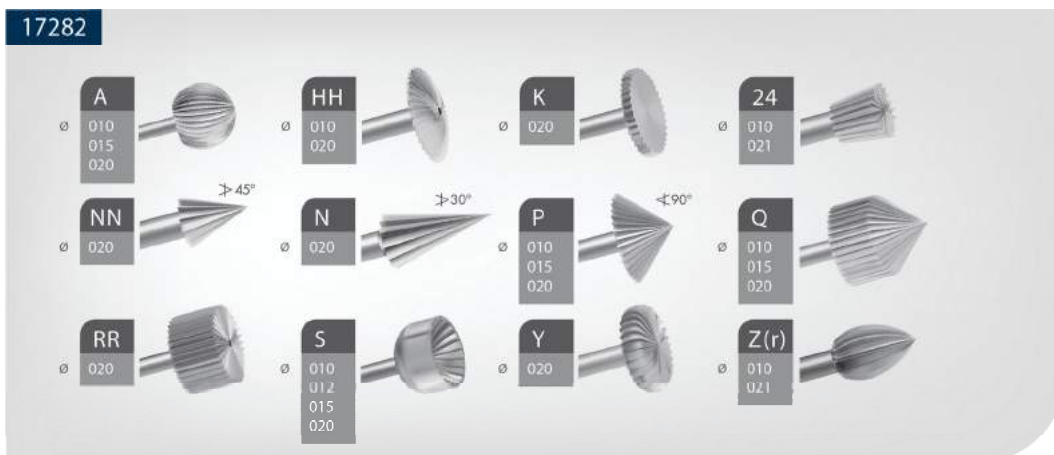
0.090

Bur set



Set of 24 fine cut burs, containing 12 of the most popular shapes in diameters 1.00 to 2.00 mm. All shaft diameters 2.35 mm. Mounted on a plastic stand with transparent cover.

Composition: 119.250 (1.0 - 1.5 - 2.0), 119.251 (1.0 - 2.0), 119.274 (2.0), 119.252 (1.0 - 2.0), 119.280 (2.0), 119.253 (2.0), 119.260 (1.0 - 1.5 - 2.0), 119.254 (1.0 - 1.5 - 2.0), 119.261(2.0), 119.256 (1.0 - 1.2 - 1.5 - 2.0), 119.278 (2.0), 119.262 (1.0 - 2.0).



N°	Kg
17282	0.065

04

Wax burs



Available individually in plastic boxes of six burs or as a set of six pieces. Comprises:

- 172.850, Ø 016 and 023
- 172.851, Ø 018 023 031 050



N°	Ø	Sales unit	Kg
172.850	Set	set of 6 pieces	0.025
172.850.016	Ø 0.16 mm	box of 6 pieces	0.003
172.850.023	Ø 0.23 mm	box of 6 pieces	0.003
172.851.018	Ø 0.18 mm	box of 6 pieces	0.003
172.851.023	Ø 0.23 mm	box of 6 pieces	0.003
172.851.031	Ø 0.31 mm	box of 6 pieces	0.003
172.851.050	Ø 0.50 mm	box of 6 pieces	0.003



58PM (203)



Jewellery drills

General purpose drills in alloy steel. Supplied in plastic dispensing boxes of 6 pieces. Shaft diameter 2.35 mm.

N°	Ø	Sales unit
117.235.005	0.50 mm	box of 6 pieces
117.235.006	0.60 mm	box of 6 pieces
117.235.007	0.70 mm	box of 6 pieces
117.235.008	0.80 mm	box of 6 pieces
117.235.009	0.90 mm	box of 6 pieces
117.235.010	1.00 mm	box of 6 pieces
117.235.011	1.10 mm	box of 6 pieces
117.235.012	1.20 mm	box of 6 pieces
117.235.013	1.30 mm	box of 6 pieces
117.235.014	1.40 mm	box of 6 pieces
117.235.015	1.50 mm	box of 6 pieces
117.235.016	1.60 mm	box of 6 pieces
117.235.017	1.70 mm	box of 6 pieces
117.235.018	1.80 mm	box of 6 pieces
117.235.019	1.90 mm	box of 6 pieces
117.235.020	2.00 mm	box of 6 pieces
117.235.021	2.10 mm	box of 6 pieces
117.235.022	2.20 mm	box of 6 pieces
117.235.023	2.30 mm	box of 6 pieces



HSS Drill Assortment

Comprises 12 tubes, each containing 10 drills of one diameter from 0.30 mm to 1.40 mm.

N°	Ø	Sales unit	Kg
177.620X		Assortment	0.0600
177.620.030	0.30 mm	10 pieces / tube	0.0015
177.620.040	0.40 mm	10 pieces / tube	0.0015
177.620.050	0.50 mm	10 pieces / tube	0.0015
177.620.060	0.60 mm	10 pieces / tube	0.0015
177.620.070	0.70 mm	10 pieces / tube	0.0015
177.620.080	0.80 mm	10 pieces / tube	0.0015
177.620.090	0.90 mm	10 pieces / tube	0.0015
177.620.100	1.00 mm	10 pieces / tube	0.0015

Continued from previous page

HSS Drill Assortment

N°	Ø	Sales unit	Kg
177.620.110	1.10 mm	10 pieces / tube	0.0015
177.620.120	1.20 mm	10 pieces / tube	0.0015
177.620.130	1.30 mm	10 pieces / tube	0.0015
177.620.140	1.40 mm	10 pieces / tube	0.0015

HSS Twist Drills

High speed drills DIN338 packed in a compact and convenient tube containing 10 pieces.



N°	Ø	Sales unit	Kg
177.620.030	0.30 mm	10 pieces / tube	0.0015
177.620.035	0.35 mm	10 pieces / tube	0.0015
177.620.040	0.40 mm	10 pieces / tube	0.0015
177.620.045	0.45 mm	10 pieces / tube	0.0015
177.620.050	0.50 mm	10 pieces / tube	0.0015
177.620.055	0.55 mm	10 pieces / tube	0.0015
177.620.060	0.60 mm	10 pieces / tube	0.0015
177.620.065	0.65 mm	10 pieces / tube	0.0015
177.620.070	0.70 mm	10 pieces / tube	0.0015
177.620.075	0.75 mm	10 pieces / tube	0.0015
177.620.080	0.80 mm	10 pieces / tube	0.0015
177.620.085	0.85 mm	10 pieces / tube	0.0015
177.620.090	0.90 mm	10 pieces / tube	0.0015
177.620.095	0.95 mm	10 pieces / tube	0.0015
177.620.100	1.00 mm	10 pieces / tube	0.0015
177.620.110	1.10 mm	10 pieces / tube	0.0015
177.620.120	1.20 mm	10 pieces / tube	0.0015
177.620.125	1.25 mm	10 pieces / tube	0.0015
177.620.130	1.30 mm	10 pieces / tube	0.0015
177.620.135	1.35 mm	10 pieces / tube	0.0015
177.620.140	1.40 mm	10 pieces / tube	0.0015
177.620.145	1.45 mm	10 pieces / tube	0.0015
177.620.150	1.50 mm	10 pieces / tube	0.0015
177.620.155	1.55 mm	10 pieces / tube	0.0015
177.620.160	1.60 mm	10 pieces / tube	0.0015
177.620.170	1.70 mm	10 pieces / tube	0.0015
177.620.180	1.80 mm	10 pieces / tube	0.0015
177.620.190	1.90 mm	10 pieces / tube	0.0015
177.620.200	2.00 mm	10 pieces / tube	0.0015
177.620.210	2.10 mm	10 pieces / tube	0.0015
177.620.220	2.20 mm	10 pieces / tube	0.0015

Continued from previous page

HSS Twist Drills

N°	Ø	Sales unit	Kg
177.620.230	2.30 mm	10 pieces / tube	0.0015
177.620.240	2.40 mm	10 pieces / tube	0.0015
177.620.250	2.50 mm	10 pieces / tube	0.0015
177.620.260	2.60 mm	10 pieces / tube	0.0015
177.620.270	2.70 mm	10 pieces / tube	0.0015
177.620.280	2.80 mm	10 pieces / tube	0.0015
177.620.290	2.90 mm	10 pieces / tube	0.0015
177.620.300	3.00 mm	10 pieces / tube	0.0015
177.620.310	3.10 mm	10 pieces / tube	0.0015
177.620.320	3.20 mm	10 pieces / tube	0.0015
177.620.330	3.30 mm	10 pieces / tube	0.0015
177.620.340	3.40 mm	10 pieces / tube	0.0015
177.620.350	3.50 mm	10 pieces / tube	0.0015
177.620.360	3.60 mm	10 pieces / tube	0.0015
177.620.370	3.70 mm	10 pieces / tube	0.0015
177.620.380	3.80 mm	10 pieces / tube	0.0015
177.620.390	3.90 mm	10 pieces / tube	0.0015
177.620.400	4.00 mm	10 pieces / tube	0.0015



58MD (203HSS)



Tungsten carbide drills

Set of ten drills in 100% hard metal for jewellers. Ideal for drilling tough materials such as glass, ceramic, bone, jade, mother-of-pearl as well as various metals. The set contains the 10 most popular diameters, ISO 005 to 014. Shank diameter 2.35 mm. Finest quality, Swiss made.

N°	Ø	Sales unit	Kg
117.240	005 006 007 008 009 010 011 012 013 014	set of 10 pieces	0.025
117.241.005	0.50 mm	box of 6 pieces	0.012
117.241.006	0.60 mm	box of 6 pieces	0.012
117.241.007	0.70 mm	box of 6 pieces	0.012
117.241.008	0.80 mm	box of 6 pieces	0.012
117.241.009	0.90 mm	box of 6 pieces	0.012
117.241.010	1.00 mm	box of 6 pieces	0.012
117.241.011	1.10 mm	box of 6 pieces	0.012
117.241.012	1.20 mm	box of 6 pieces	0.012
117.241.013	1.30 mm	box of 6 pieces	0.012

Continued from previous page

Tungsten carbide drills

N°	Ø	Sales unit	Kg
117.241.014	1.40 mm	box of 6 pieces	0.012
117.241.015	1.50 mm	box of 6 pieces	0.012
117.241.016	1.60 mm	box of 6 pieces	0.012
117.241.017	1.70 mm	box of 6 pieces	0.012
117.241.018	1.80 mm	box of 6 pieces	0.012
117.241.019	1.90 mm	box of 6 pieces	0.012
117.241.020	2.00 mm	box of 6 pieces	0.012
117.241.021	2.10 mm	box of 6 pieces	0.012
117.241.022	2.20 mm	box of 6 pieces	0.012
117.241.023	2.30 mm	box of 6 pieces	0.012

Pearl drills

These triangular drills, designed specially for pearl drilling are the result of many years of research and experience. In high speed steel (HSS).



N°	Dimensions	Kg
330.505.06	0.60 mm	0.003
330.505.07	0.70 mm	0.003
330.505.08	0.80 mm	0.003
330.505.09	0.90 mm	0.003
330.505.10	1.00 mm	0.003
330.505.11	1.10 mm	0.003
330.505.12	1.20 mm	0.003
330.505.14	1.40 mm	0.003

Pearl drill set

Set of special drills for piercing pearls mounted on a plastic stand with transparent cover. Shank diameter 3.00 mm. Contains the following diameters: 1.05 - 1.20 - 1.25 - 1.45 - 1.65 - 1.85 - 2.05 - 2.25 - 2.40 - 2.65 - 2.85 - 3.00 mm.



N°	Ø	Kg
117.245	1.05 - 3.00 mm	0.040
117.245.105	1.05 mm	0.014
117.245.120	1.20 mm	0.014
117.245.125	1.25 mm	0.014
117.245.145	1.45 mm	0.014
117.245.165	1.65 mm	0.014

Continued from previous page

Pearl drill set

N°	Ø	Kg
117.245.185	1.85 mm	0.014
117.245.205	2.05 mm	0.014
117.245.225	2.25 mm	0.014
117.245.240	2.40 mm	0.014
117.245.265	2.65 mm	0.014
117.245.285	2.85 mm	0.014
117.245.300	3.00 mm	0.014



Pearl drills

Special drills in tool steel or tungsten carbide. Shaft diameter 2.35 mm. Available in various diameters.



N°	Description	Ø	Kg
119.264.210	Tool steel	2.10 mm	0.004
119.264.230	Tool steel	2.30 mm	0.004
119.265.090	Tungsten carbide	0.90 mm	0.004
119.265.100	Tungsten carbide	1.00 mm	0.004
119.265.110	Tungsten carbide	1.10 mm	0.004
119.265.120	Tungsten carbide	1.20 mm	0.004
119.265.130	Tungsten carbide	1.30 mm	0.004
119.265.140	Tungsten carbide	1.40 mm	0.004

Pearl burs

Special ball-shaped burs with a central hole for producing a stem to fix pearls.



N°	Ø mm	Sales unit
119.263.500	5.0	box of 6 pieces

Archimedean hand drill

Good quality for fine work. Spring loaded, spiral system. Steel chuck and brass handle. Chuck closing completely.



N°	Length	Kg
18363	100 mm	0.022

Diamond burs

Fine quality points mounted on a standard 2.35 mm shaft. Total length 44.5 mm. Available in two sets of 12 or individually in boxes of 6 pieces minimum.



SET A
119.350



SET B
119.351



N°	Description	Length	Kg
119.350	Set A	44.5 mm	0.030
119.350.01	Bur	44.5 mm	0.001
119.350.02	Bur	44.5 mm	0.001
119.350.03	Bur	44.5 mm	0.001
119.350.04	Bur	44.5 mm	0.001
119.350.05	Bur	44.5 mm	0.001
119.350.06	Bur	44.5 mm	0.001
119.350.07	Bur	44.5 mm	0.001
119.350.08	Bur	44.5 mm	0.001

Continued from previous page

Diamond burs

N°	Description	Length	Kg
119.350.09	Bur	44.5 mm	0.001
119.350.10	Bur	44.5 mm	0.001
119.350.11	Bur	44.5 mm	0.001
119.350.12	Bur	44.5 mm	0.001
119.351	Set B	44.5 mm	0.030
119.351.01	Bur	44.5 mm	0.001
119.351.02	Bur	44.5 mm	0.001
119.351.03	Bur	44.5 mm	0.001
119.351.04	Bur	44.5 mm	0.001
119.351.05	Bur	44.5 mm	0.001
119.351.06	Bur	44.5 mm	0.001
119.351.07	Bur	44.5 mm	0.001
119.351.08	Bur	44.5 mm	0.001
119.351.09	Bur	44.5 mm	0.001
119.351.10	Bur	44.5 mm	0.001
119.351.11	Bur	44.5 mm	0.001
119.351.12	Bur	44.5 mm	0.001



Diamond-coated core drills

Use core drills to cut holes in ceramics, tile and glass without chipping or cracking. Our diamond-coated core drills have a 3 mm shank, medium-fine grit and are made of hardened steel on which diamond particles have been electroplated.



N°	Ø	Sales unit	Kg
117.261.015	1.50 mm	box of 6 pieces	0.002
117.261.020	2.00 mm	box of 6 pieces	0.002
117.261.025	2.50 mm	box of 6 pieces	0.002
117.261.030	3.00 mm	box of 6 pieces	0.002
117.261.050	5.00 mm	box of 6 pieces	0.002
117.261.065	6.50 mm	box of 6 pieces	0.005
117.261.095	9.50 mm	box of 6 pieces	0.005
117.261.100	10.00 mm	box of 6 pieces	0.005
117.261.110	11.00 mm	box of 6 pieces	0.005

Diamond-coated drills

Our 2.35 mm shank twist drills with electroplated diamond particles are the ultimate for drilling stones, pearls, glass or ceramics. Use with standard hand pieces and a small amount of water as lubricant. Grit 140/170. The drills are available individually (min. 6 pces) or as a set containing diameters 1.00 - 1.30 - 1.40 - 1.60 - 1.80 - 2.10.



N°	Length	Ø	Sales unit	Kg
117.250	44.5 mm	1.00 - 1.30 - 1.40 - 1.60 - 1.80 - 2.10 mm	Set of 6 drills	0.024
117.251.08	44.5 mm	0.80 mm	box of 6 pieces	0.002
117.251.09	44.5 mm	0.90 mm	box of 6 pieces	0.002
117.251.10	44.5 mm	1.00 mm	box of 6 pieces	0.002
117.251.11	44.5 mm	1.10 mm	box of 6 pieces	0.002
117.251.12	44.5 mm	1.20 mm	box of 6 pieces	0.002
117.251.13	44.5 mm	1.30 mm	box of 6 pieces	0.002
117.251.14	44.5 mm	1.40 mm	box of 6 pieces	0.002
117.251.15	44.5 mm	1.50 mm	box of 6 pieces	0.002
117.251.16	44.5 mm	1.60 mm	box of 6 pieces	0.002
117.251.17	44.5 mm	1.70 mm	box of 6 pieces	0.002
117.251.18	44.5 mm	1.80 mm	box of 6 pieces	0.002
117.251.19	44.5 mm	1.90 mm	box of 6 pieces	0.002
117.251.20	44.5 mm	2.00 mm	box of 6 pieces	0.002
117.251.21	44.5 mm	2.10 mm	box of 6 pieces	0.002
117.251.22	44.5 mm	2.20 mm	box of 6 pieces	0.002
117.251.23	44.5 mm	2.30 mm	box of 6 pieces	0.002

Bur stand

Small stand in plastic, ideal for holding and preventing loss or damage to burs, drills, midget brushes, etc. Keeps tools within easy reach of the jeweller.



N°	Dimensions	Kg
125.165	130 x 80 x 25 mm	0.062



Screw taps

Fine pitch for cutting threads in steel. Flat tip and three straight grooves.

N°	Length	Ø	Working Length	Outer Ø	Ø drilling steel	Ø drilling brass	Shank Ø
171.411HSS.030	22 mm	S 0.30	2 mm	0.32 mm	0.24 mm	0.24 mm	1 mm
171.411HSS.035	22 mm	S 0.35	2 mm	0.37 mm	0.28 mm	0.28 mm	1 mm
171.411HSS.040	22 mm	S 0.40	2.5 mm	0.42 mm	0.33 mm	0.32 mm	1 mm
171.411HSS.050	22 mm	S 0.50	3 mm	0.52 mm	0.43 mm	0.40 mm	1 mm
171.411HSS.060	22 mm	S 0.60	3.5 mm	0.63 mm	0.51 mm	0.49 mm	1 mm
171.411HSS.070	25 mm	S 0.70	4.5 mm	0.73 mm	0.59 mm	0.57 mm	1.5 mm
171.411HSS.080	25 mm	S 0.80	5 mm	0.83 mm	0.67 mm	0.65 mm	1.5 mm
171.411HSS.090	25 mm	S 0.90	5.5 mm	0.93 mm	0.75 mm	0.73 mm	1.5 mm
171.411HSS.100	25 mm	S 1.00	6 mm	1.04 mm	0.83 mm	0.81 mm	1.5 mm
171.411HSS.110	25 mm	S 1.10	7 mm	1.14 mm	0.93 mm	0.91 mm	1.5 mm
171.411HSS.120	25 mm	S 1.20	7 mm	1.24 mm	1.03 mm	1.01 mm	1.5 mm
171.411HSS.130	25 mm	S 1.30	8 mm	1.34 mm	1.09 mm	1.07 mm	1.5 mm
171.411HSS.140	30 mm	S 1.40	8.5 mm	1.44 mm	1.19 mm	1.17 mm	2 mm
171.411HSS.150	30 mm	S 1.50	10 mm	1.54 mm	1.29 mm	1.27 mm	2 mm
171.411HSS.160	30 mm	M 1.60	10 mm	1.64 mm	1.32 mm	1.30 mm	2 mm
171.411HSS.170	30 mm	M 1.70	10 mm	1.74 mm	1.42 mm	1.40 mm	2 mm
171.411HSS.180	30 mm	M 1.80	10 mm	1.84 mm	1.52 mm	1.50 mm	2 mm
171.411HSS.200	35 mm	M 2.00	13 mm	2.07 mm	1.68 mm	1.65 mm	3 mm



Screw plate

For wrist watches, thirty-six holes, right hand thread. One row plain holes, one row double clearing holes, diameter 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5 mm with set of twelve corresponding taps. In high quality steel.

N°	Description	Ø	Kg
171.420	Screw plate and taps	0.40 - 1.50 mm	0.025
171.420T	Set of taps only	0.40 - 1.50 mm	0.005

Screw plate

For pocket watches, clocks and alarms. Thirty-six holes, right hand thread. One row plain holes, one row double clearing holes, diameter 1.0, 1.2, 1.4, 1.7, 2.0, 2.3, 2.7, 3.0, 3.5, 4.0, 4.5, 5.0 mm with set of twelve corresponding taps.



N°	Description	Ø	Kg
171.421	Screw plate and taps	1.00 - 5.00 mm	0.077
171.421T	Set of taps only	1.00 - 5.00 mm	0.015

Double end cutters

Set of six cutters in a cardboard box. Assorted cutting styles. Also available individually.



N°	Description	Ø	Kg
17263	Set	0.9 - 4.5 mm	0.061
17263.1	Conical cutters	3.0 - 4.5 mm	0.012
17263.2	Bevelling cutters	1.0 - 2.0mm	0.004
17263.3	Bevelling cutters	3.0 - 4.0 mm	0.009
17263.4	Cutters for cleaning screw-ends	0.9 - 1.3 mm	0.004
17263.5	Cutters for cleaning screw-ends	2.5 - 4.0 mm	0.004
17263.6	Bur remover, 4 cutting edges. Hollow center.	3.0 - 4.0 mm	0.011

Wheel countersinks

Set of six double-ended wheel countersinks in steel. Diameters: 1.8/2.1 - 2.5/2.8 - 3.0/3.3 - 3.5/3.8 - 4.0/4.3 - 4.5/5.0.



N°	Kg
17262	0.059

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Wheel countersinks

N°
17262.1.8/2.1
17262.2.5/2.8
17262.3.0/3.3
17262.3.5/3.8
17262.4.0/4.3
17262.4.5/5.0



Bow drill

For jewellers, supplied with two chucks, one closing completely, the other to 2.30 mm. Wheel diameter 55 mm.

N°	Length	Ø	Kg
116.915	300mm	55mm	0.230



Cut Lube

Unique lubricant in a handy stick dispenser for use with burs, drills, gravers, saw blades, etc. to reduce pull and drag. Adds life to your tools by reducing friction and is much easier and cleaner to use than messy oils. The non-petroleum formula also helps prevent bur chatter and ensures a smooth, even stone seat on your settings. Also good for diamond tools.

N°	Kg
180.100	0.054

Pillar



Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2401.100.0	100 mm	3.5 x 0.9 mm	0	Box of 12 pieces	0.040
LA 2401.100.1	100 mm	3.5 x 0.9 mm	1	Box of 12 pieces	0.040
LA 2401.100.2	100 mm	3.5 x 0.9 mm	2	Box of 12 pieces	0.040
LA 2401.100.3	100 mm	3.5 x 0.9 mm	3	Box of 12 pieces	0.040
LA 2401.100.4	100 mm	3.5 x 0.9 mm	4	Box of 12 pieces	0.040
LA 2401.140.0	140 mm	4.8 x 1.1 mm	0	Box of 12 pieces	0.080
LA 2401.140.00	140 mm	4.8 x 1.1 mm	00	Box of 12 pieces	0.080
LA 2401.140.1	140 mm	4.8 x 1.1 mm	1	Box of 12 pieces	0.080
LA 2401.140.2	140 mm	4.8 x 1.1 mm	2	Box of 12 pieces	0.080
LA 2401.140.3	140 mm	4.8 x 1.1 mm	3	Box of 12 pieces	0.080
LA 2401.140.4	140 mm	4.8 x 1.1 mm	4	Box of 12 pieces	0.080
LA 2401.140.6	140 mm	4.8 x 1.1 mm	6	Box of 12 pieces	0.080
LA 2401.160.0	160 mm	5.4 x 1.2 mm	0	Box of 12 pieces	0.115
LA 2401.160.00	160 mm	5.4 x 1.2 mm	00	Box of 12 pieces	0.115
LA 2401.160.1	160 mm	5.4 x 1.2 mm	1	Box of 12 pieces	0.115
LA 2401.160.2	160 mm	5.4 x 1.2 mm	2	Box of 12 pieces	0.115
LA 2401.160.3	160 mm	5.4 x 1.2 mm	3	Box of 12 pieces	0.115
LA 2401.160.4	160 mm	5.4 x 1.2 mm	4	Box of 12 pieces	0.115
LA 2401.160.6	160 mm	5.4 x 1.2 mm	6	Box of 12 pieces	0.115
LA 2401.180.0	180 mm	6.0 x 1.3 mm	0	Box of 12 pieces	0.150
LA 2401.180.00	180 mm	6.0 x 1.3 mm	00	Box of 12 pieces	0.150
LA 2401.180.1	180 mm	6.0 x 1.3 mm	1	Box of 12 pieces	0.150
LA 2401.180.2	180 mm	6.0 x 1.3 mm	2	Box of 12 pieces	0.150
LA 2401.180.3	180 mm	6.0 x 1.3 mm	3	Box of 12 pieces	0.150
LA 2401.180.4	180 mm	6.0 x 1.3 mm	4	Box of 12 pieces	0.150
LA 2401.180.6	180 mm	6.0 x 1.3 mm	6	Box of 12 pieces	0.150
LA 2401.200.0	200 mm	6.5 x 1.3 mm	0	Box of 12 pieces	0.200
LA 2401.200.00	200 mm	6.5 x 1.3 mm	00	Box of 12 pieces	0.200
LA 2401.200.1	200 mm	6.5 x 1.3 mm	1	Box of 12 pieces	0.200
LA 2401.200.2	200 mm	6.5 x 1.3 mm	2	Box of 12 pieces	0.200
LA 2401.200.3	200 mm	6.5 x 1.3 mm	3	Box of 12 pieces	0.200
LA 2401.200.4	200 mm	6.5 x 1.3 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Halfround

Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LA 2402.100.0	100 mm	3.8 x 1.1 mm	0	Box of 12 pieces	0.040
LA 2402.100.2	100 mm	3.8 x 1.1 mm	2	Box of 12 pieces	0.040
LA 2402.100.3	100 mm	3.8 x 1.1 mm	3	Box of 12 pieces	0.040
LA 2402.100.4	100 mm	3.8 x 1.1 mm	4	Box of 12 pieces	0.040
LA 2402.140.0	140 mm	5.1 x 1.5 mm	0	Box of 12 pieces	0.080
LA 2402.140.00	140 mm	5.1 x 1.5 mm	00	Box of 12 pieces	0.080
LA 2402.140.1	140 mm	5.1 x 1.5 mm	1	Box of 12 pieces	0.080
LA 2402.140.2	140 mm	5.1 x 1.5 mm	2	Box of 12 pieces	0.080
LA 2402.140.3	140 mm	5.1 x 1.5 mm	3	Box of 12 pieces	0.080
LA 2402.140.4	140 mm	5.1 x 1.5 mm	4	Box of 12 pieces	0.080
LA 2402.140.6	140 mm	5.1 x 1.5 mm	6	Box of 12 pieces	0.080
LA 2402.160.0	160 mm	5.6 x 1.7 mm	0	Box of 12 pieces	0.115
LA 2402.160.00	160 mm	5.6 x 1.7 mm	00	Box of 12 pieces	0.115
LA 2402.160.1	160 mm	5.6 x 1.7 mm	1	Box of 12 pieces	0.115
LA 2402.160.2	160 mm	5.6 x 1.7 mm	2	Box of 12 pieces	0.115
LA 2402.160.3	160 mm	5.6 x 1.7 mm	3	Box of 12 pieces	0.115
LA 2402.160.4	160 mm	5.6 x 1.7 mm	4	Box of 12 pieces	0.115
LA 2402.160.6	160 mm	5.6 x 1.7 mm	6	Box of 12 pieces	0.115
LA 2402.180.0	180 mm	5.9 x 2.0 mm	0	Box of 12 pieces	0.150
LA 2402.180.00	180 mm	5.9 x 2.0 mm	00	Box of 12 pieces	0.150
LA 2402.180.1	180 mm	5.9 x 2.0 mm	1	Box of 12 pieces	0.150
LA 2402.180.2	180 mm	5.9 x 2.0 mm	2	Box of 12 pieces	0.150
LA 2402.180.3	180 mm	5.9 x 2.0 mm	3	Box of 12 pieces	0.150
LA 2402.180.4	180 mm	5.9 x 2.0 mm	4	Box of 12 pieces	0.150
LA 2402.200.0	200 mm	6.3 x 2.0 mm	0	Box of 12 pieces	0.200
LA 2402.200.00	200 mm	6.3 x 2.0 mm	00	Box of 12 pieces	0.200
LA 2402.200.1	200 mm	6.3 x 2.0 mm	1	Box of 12 pieces	0.200
LA 2402.200.2	200 mm	6.3 x 2.0 mm	2	Box of 12 pieces	0.200
LA 2402.200.3	200 mm	6.3 x 2.0 mm	3	Box of 12 pieces	0.200
LA 2402.200.4	200 mm	6.3 x 2.0 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Crossing

Knurled handle. Made from chrome steel, hardness 65HRc +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2403.100.0	100 mm	3.5 x 1.4 mm	0	Box of 12 pieces	0.040
LA 2403.100.2	100 mm	3.5 x 1.4 mm	2	Box of 12 pieces	0.040
LA 2403.100.3	100 mm	3.5 x 1.4 mm	3	Box of 12 pieces	0.040
LA 2403.100.4	100 mm	3.5 x 1.4 mm	4	Box of 12 pieces	0.040
LA 2403.140.0	140 mm	4.4 x 1.8 mm	0	Box of 12 pieces	0.080
LA 2403.140.00	140 mm	4.4 x 1.8 mm	00	Box of 12 pieces	0.080
LA 2403.140.1	140 mm	4.4 x 1.8 mm	1	Box of 12 pieces	0.080
LA 2403.140.2	140 mm	4.4 x 1.8 mm	2	Box of 12 pieces	0.080
LA 2403.140.3	140 mm	4.4 x 1.8 mm	3	Box of 12 pieces	0.080
LA 2403.140.4	140 mm	4.4 x 1.8 mm	4	Box of 12 pieces	0.080
LA 2403.160.0	160 mm	5.1 x 2.0 mm	0	Box of 12 pieces	0.115
LA 2403.160.00	160 mm	5.1 x 2.0 mm	00	Box of 12 pieces	0.115
LA 2403.160.1	160 mm	5.1 x 2.0 mm	1	Box of 12 pieces	0.115
LA 2403.160.2	160 mm	5.1 x 2.0 mm	2	Box of 12 pieces	0.115
LA 2403.160.3	160 mm	5.1 x 2.0 mm	3	Box of 12 pieces	0.115
LA 2403.160.4	160 mm	5.1 x 2.0 mm	4	Box of 12 pieces	0.115
LA 2403.160.6	160 mm	5.1 x 2.0 mm	6	Box of 12 pieces	0.115
LA 2403.180.0	180 mm	5.8 x 2.2 mm	0	Box of 12 pieces	0.150
LA 2403.180.00	180 mm	5.8 x 2.2 mm	00	Box of 12 pieces	0.150
LA 2403.180.1	180 mm	5.8 x 2.2 mm	1	Box of 12 pieces	0.150
LA 2403.180.2	180 mm	5.8 x 2.2 mm	2	Box of 12 pieces	0.150
LA 2403.180.3	180 mm	5.8 x 2.2 mm	3	Box of 12 pieces	0.150
LA 2403.180.4	180 mm	5.8 x 2.2 mm	4	Box of 12 pieces	0.150
LA 2403.200.0	200 mm	6.0 x 2.4 mm	0	Box of 12 pieces	0.200
LA 2403.200.00	200 mm	6.0 x 2.4 mm	00	Box of 12 pieces	0.200
LA 2403.200.1	200 mm	6.0 x 2.4 mm	1	Box of 12 pieces	0.200
LA 2403.200.2	200 mm	6.0 x 2.4 mm	2	Box of 12 pieces	0.200
LA 2403.200.3	200 mm	6.0 x 2.4 mm	3	Box of 12 pieces	0.200
LA 2403.200.4	200 mm	6.0 x 2.4 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Knife

Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LA 2405.100.0	100 mm	4.0 x 1.1 mm	0	Box of 12 pieces	0.040
LA 2405.100.1	100 mm	4.0 x 1.1 mm	1	Box of 12 pieces	0.040
LA 2405.100.2	100 mm	4.0 x 1.1 mm	2	Box of 12 pieces	0.040
LA 2405.100.3	100 mm	4.0 x 1.1 mm	3	Box of 12 pieces	0.040
LA 2405.100.4	100 mm	4.0 x 1.1 mm	4	Box of 12 pieces	0.040
LA 2405.140.0	140 mm	5.0 x 1.4 mm	0	Box of 12 pieces	0.080
LA 2405.140.00	140 mm	5.0 x 1.4 mm	00	Box of 12 pieces	0.080
LA 2405.140.1	140 mm	5.0 x 1.4 mm	1	Box of 12 pieces	0.080
LA 2405.140.2	140 mm	5.0 x 1.4 mm	2	Box of 12 pieces	0.080
LA 2405.140.3	140 mm	5.0 x 1.4 mm	3	Box of 12 pieces	0.080
LA 2405.140.4	140 mm	5.0 x 1.4 mm	4	Box of 12 pieces	0.080
LA 2405.140.6	140 mm	5.0 x 1.4 mm	6	Box of 12 pieces	0.080
LA 2405.160.0	160 mm	5.4 x 1.5 mm	0	Box of 12 pieces	0.115
LA 2405.160.00	160 mm	5.4 x 1.5 mm	00	Box of 12 pieces	0.115
LA 2405.160.1	160 mm	5.4 x 1.5 mm	1	Box of 12 pieces	0.115
LA 2405.160.2	160 mm	5.4 x 1.5 mm	2	Box of 12 pieces	0.115
LA 2405.160.3	160 mm	5.4 x 1.5 mm	3	Box of 12 pieces	0.115
LA 2405.160.4	160 mm	5.4 x 1.5 mm	4	Box of 12 pieces	0.115
LA 2405.160.6	160 mm	5.4 x 1.5 mm	6	Box of 12 pieces	0.115
LA 2405.180.0	180 mm	6.0 x 1.7 mm	0	Box of 12 pieces	0.150
LA 2405.180.00	180 mm	6.0 x 1.7 mm	00	Box of 12 pieces	0.150
LA 2405.180.1	180 mm	6.0 x 1.7 mm	1	Box of 12 pieces	0.150
LA 2405.180.2	180 mm	6.0 x 1.7 mm	2	Box of 12 pieces	0.150
LA 2405.180.3	180 mm	6.0 x 1.7 mm	3	Box of 12 pieces	0.150
LA 2405.180.4	180 mm	6.0 x 1.7 mm	4	Box of 12 pieces	0.150
LA 2405.200.0	200 mm	6.4 x 1.8 mm	0	Box of 12 pieces	0.200
LA 2405.200.00	200 mm	6.4 x 1.8 mm	00	Box of 12 pieces	0.200
LA 2405.200.1	200 mm	6.4 x 1.8 mm	1	Box of 12 pieces	0.200
LA 2405.200.2	200 mm	6.4 x 1.8 mm	2	Box of 12 pieces	0.200
LA 2405.200.3	200 mm	6.4 x 1.8 mm	3	Box of 12 pieces	0.200
LA 2405.200.4	200 mm	6.4 x 1.8 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Warding

Knurled handle. Made from chrome steel, hardness 65HRc +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2406.100.0	100 mm	3.4 x 0.9 mm	0	Box of 12 pieces	0.040
LA 2406.100.2	100 mm	3.4 x 0.9 mm	2	Box of 12 pieces	0.040
LA 2406.100.3	100 mm	3.4 x 0.9 mm	3	Box of 12 pieces	0.040
LA 2406.100.4	100 mm	3.4 x 0.9 mm	4	Box of 12 pieces	0.040
LA 2406.140.0	140 mm	4.8 x 1.1 mm	0	Box of 12 pieces	0.080
LA 2406.140.1	140 mm	4.8 x 1.1 mm	1	Box of 12 pieces	0.080
LA 2406.140.2	140 mm	4.8 x 1.1 mm	2	Box of 12 pieces	0.080
LA 2406.140.3	140 mm	4.8 x 1.1 mm	3	Box of 12 pieces	0.080
LA 2406.140.4	140 mm	4.8 x 1.1 mm	4	Box of 12 pieces	0.080
LA 2406.160.0	160 mm	5.4 x 1.2 mm	0	Box of 12 pieces	0.115
LA 2406.160.00	160 mm	5.4 x 1.2 mm	00	Box of 12 pieces	0.115
LA 2406.160.1	160 mm	5.4 x 1.2 mm	1	Box of 12 pieces	0.115
LA 2406.160.2	160 mm	5.4 x 1.2 mm	2	Box of 12 pieces	0.115
LA 2406.160.3	160 mm	5.4 x 1.2 mm	3	Box of 12 pieces	0.115
LA 2406.160.4	160 mm	5.4 x 1.2 mm	4	Box of 12 pieces	0.115
LA 2406.160.6	160 mm	5.4 x 1.2 mm	6	Box of 12 pieces	0.115
LA 2406.180.0	180 mm	6.0 x 1.2 mm	0	Box of 12 pieces	0.150
LA 2406.180.00	180 mm	6.0 x 1.2 mm	00	Box of 12 pieces	0.150
LA 2406.180.1	180 mm	6.0 x 1.2 mm	1	Box of 12 pieces	0.150
LA 2406.180.2	180 mm	6.0 x 1.2 mm	2	Box of 12 pieces	0.150
LA 2406.180.3	180 mm	6.0 x 1.2 mm	3	Box of 12 pieces	0.150
LA 2406.180.4	180 mm	6.0 x 1.2 mm	4	Box of 12 pieces	0.150
LA 2406.200.0	200 mm	6.5 x 1.4 mm	0	Box of 12 pieces	0.200
LA 2406.200.1	200 mm	6.5 x 1.4 mm	1	Box of 12 pieces	0.200
LA 2406.200.2	200 mm	6.5 x 1.4 mm	2	Box of 12 pieces	0.200
LA 2406.200.3	200 mm	6.5 x 1.4 mm	3	Box of 12 pieces	0.200
LA 2406.200.4	200 mm	6.5 x 1.4 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)

Three square



Knurled handle. Made from chrome steel, hardness 65HRc +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width.



N°	Length	A	Cut	Sales unit	Kg
LA 2407.100.0	100 mm	2.8 mm	0	Box of 12 pieces	0.040

Cuts coarse (000) to fine (8)

Continued from previous page

Three square

N°	Length	A	Cut	Sales unit	Kg
LA 2407.100.1	100 mm	2.8 mm	1	Box of 12 pieces	0.040
LA 2407.100.2	100 mm	2.8 mm	2	Box of 12 pieces	0.040
LA 2407.100.3	100 mm	2.8 mm	3	Box of 12 pieces	0.040
LA 2407.100.4	100 mm	2.8 mm	4	Box of 12 pieces	0.040
LA 2407.140.0	140 mm	3.5 mm	0	Box of 12 pieces	0.080
LA 2407.140.00	140 mm	3.5 mm	00	Box of 12 pieces	0.080
LA 2407.140.1	140 mm	3.5 mm	1	Box of 12 pieces	0.080
LA 2407.140.2	140 mm	3.5 mm	2	Box of 12 pieces	0.080
LA 2407.140.3	140 mm	3.5 mm	3	Box of 12 pieces	0.080
LA 2407.140.4	140 mm	3.5 mm	4	Box of 12 pieces	0.080
LA 2407.140.6	140 mm	3.5 mm	6	Box of 12 pieces	0.080
LA 2407.160.0	160 mm	3.8 mm	0	Box of 12 pieces	0.115
LA 2407.160.00	160 mm	3.8 mm	00	Box of 12 pieces	0.115
LA 2407.160.1	160 mm	3.8 mm	1	Box of 12 pieces	0.115
LA 2407.160.2	160 mm	3.8 mm	2	Box of 12 pieces	0.115
LA 2407.160.3	160 mm	3.8 mm	3	Box of 12 pieces	0.115
LA 2407.160.4	160 mm	3.8 mm	4	Box of 12 pieces	0.115
LA 2407.160.6	160 mm	3.8 mm	6	Box of 12 pieces	0.115
LA 2407.180.0	180 mm	4.2 mm	0	Box of 12 pieces	0.150
LA 2407.180.00	180 mm	4.2 mm	00	Box of 12 pieces	0.150
LA 2407.180.1	180 mm	4.2 mm	1	Box of 12 pieces	0.150
LA 2407.180.2	180 mm	4.2 mm	2	Box of 12 pieces	0.150
LA 2407.180.3	180 mm	4.2 mm	3	Box of 12 pieces	0.150
LA 2407.180.4	180 mm	4.2 mm	4	Box of 12 pieces	0.150
LA 2407.200.0	200 mm	4.4 mm	0	Box of 12 pieces	0.200
LA 2407.200.00	200 mm	4.4 mm	00	Box of 12 pieces	0.200
LA 2407.200.1	200 mm	4.4 mm	1	Box of 12 pieces	0.200
LA 2407.200.2	200 mm	4.4 mm	2	Box of 12 pieces	0.200
LA 2407.200.3	200 mm	4.4 mm	3	Box of 12 pieces	0.200
LA 2407.200.4	200 mm	4.4 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Square

Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width.

N°	Length	A	Cut	Sales unit	Kg
LA 2408.100.0	100 mm	1.7 mm	0	Box of 12 pieces	0.040

Cuts coarse (000) to fine (8)

Continued from previous page

Square

N°	Length	A	Cut	Sales unit	Kg
LA 2408.100.1	100 mm	1.7 mm	1	Box of 12 pieces	0.040
LA 2408.100.2	100 mm	1.7 mm	2	Box of 12 pieces	0.040
LA 2408.100.3	100 mm	1.7 mm	3	Box of 12 pieces	0.040
LA 2408.100.4	100 mm	1.7 mm	4	Box of 12 pieces	0.040
LA 2408.140.0	140 mm	2.2 mm	0	Box of 12 pieces	0.080
LA 2408.140.00	140 mm	2.2 mm	00	Box of 12 pieces	0.080
LA 2408.140.1	140 mm	2.2 mm	1	Box of 12 pieces	0.080
LA 2408.140.2	140 mm	2.2 mm	2	Box of 12 pieces	0.080
LA 2408.140.3	140 mm	2.2 mm	3	Box of 12 pieces	0.080
LA 2408.140.4	140 mm	2.2 mm	4	Box of 12 pieces	0.080
LA 2408.160.0	160 mm	2.4 mm	0	Box of 12 pieces	0.115
LA 2408.160.00	160 mm	2.4 mm	00	Box of 12 pieces	0.115
LA 2408.160.1	160 mm	2.4 mm	1	Box of 12 pieces	0.115
LA 2408.160.2	160 mm	2.4 mm	2	Box of 12 pieces	0.115
LA 2408.160.3	160 mm	2.4 mm	3	Box of 12 pieces	0.115
LA 2408.160.4	160 mm	2.4 mm	4	Box of 12 pieces	0.115
LA 2408.160.6	160 mm	2.4 mm	6	Box of 12 pieces	0.115
LA 2408.180.0	180 mm	2.6 mm	0	Box of 12 pieces	0.150
LA 2408.180.00	180 mm	2.6 mm	00	Box of 12 pieces	0.150
LA 2408.180.1	180 mm	2.6 mm	1	Box of 12 pieces	0.150
LA 2408.180.2	180 mm	2.6 mm	2	Box of 12 pieces	0.150
LA 2408.180.3	180 mm	2.6 mm	3	Box of 12 pieces	0.150
LA 2408.180.4	180 mm	2.6 mm	4	Box of 12 pieces	0.150
LA 2408.200.0	200 mm	2.8 mm	0	Box of 12 pieces	0.200
LA 2408.200.00	200 mm	2.8 mm	00	Box of 12 pieces	0.200
LA 2408.200.1	200 mm	2.8 mm	1	Box of 12 pieces	0.200
LA 2408.200.2	200 mm	2.8 mm	2	Box of 12 pieces	0.200
LA 2408.200.3	200 mm	2.8 mm	3	Box of 12 pieces	0.200
LA 2408.200.4	200 mm	2.8 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)

Oval



Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2409.100.2	100 mm	2.6 x 1.8 mm	2	Box of 12 pieces	0.040
LA 2409.140.0	140 mm	3.5 x 2.4 mm	0	Box of 12 pieces	0.080
LA 2409.140.1	140 mm	3.5 x 2.4 mm	1	Box of 12 pieces	0.080

Cuts coarse (000) to fine (8)

Continued from previous page

Oval

N°	Length	A x B	Cut	Sales unit	Kg
LA 2409.140.2	140 mm	3.5 x 2.4 mm	2	Box of 12 pieces	0.080
LA 2409.140.4	140 mm	3.5 x 2.4 mm	4	Box of 12 pieces	0.080
LA 2409.160.0	160 mm	3.9 x 2.5 mm	0	Box of 12 pieces	0.115
LA 2409.160.1	160 mm	3.9 x 2.5 mm	1	Box of 12 pieces	0.115
LA 2409.160.2	160 mm	3.9 x 2.5 mm	2	Box of 12 pieces	0.115
LA 2409.160.3	160 mm	3.9 x 2.5 mm	3	Box of 12 pieces	0.115
LA 2409.160.4	160 mm	3.9 x 2.5 mm	4	Box of 12 pieces	0.115
LA 2409.180.0	180 mm	4.2 x 2.8 mm	0	Box of 12 pieces	0.150
LA 2409.180.2	180 mm	4.2 x 2.8 mm	2	Box of 12 pieces	0.150
LA 2409.200.0	200 mm	4.4 x 2.9 mm	0	Box of 12 pieces	0.200
LA 2409.200.1	200 mm	4.4 x 2.9 mm	1	Box of 12 pieces	0.200
LA 2409.200.2	200 mm	4.4 x 2.9 mm	2	Box of 12 pieces	0.200
LA 2409.200.4	200 mm	4.4 x 2.9 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Round

Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width.

N°	Length	A	Cut	Sales unit	Kg
LA 2410.100.0	100 mm	2.1 mm	0	Box of 12 pieces	0.040
LA 2410.100.1	100 mm	2.1 mm	1	Box of 12 pieces	0.040
LA 2410.100.2	100 mm	2.1 mm	2	Box of 12 pieces	0.040
LA 2410.100.3	100 mm	2.1 mm	3	Box of 12 pieces	0.040
LA 2410.100.4	100 mm	2.1 mm	4	Box of 12 pieces	0.040
LA 2410.140.0	140 mm	2.8 mm	0	Box of 12 pieces	0.080
LA 2410.140.00	140 mm	2.8 mm	00	Box of 12 pieces	0.080
LA 2410.140.1	140 mm	2.8 mm	1	Box of 12 pieces	0.080
LA 2410.140.2	140 mm	2.8 mm	2	Box of 12 pieces	0.080
LA 2410.140.3	140 mm	2.8 mm	3	Box of 12 pieces	0.080
LA 2410.140.4	140 mm	2.8 mm	4	Box of 12 pieces	0.080
LA 2410.140.6	140 mm	2.8 mm	6	Box of 12 pieces	0.080
LA 2410.160.0	160 mm	2.9 mm	0	Box of 12 pieces	0.115
LA 2410.160.00	160 mm	2.9 mm	00	Box of 12 pieces	0.115
LA 2410.160.1	160 mm	2.9 mm	1	Box of 12 pieces	0.115
LA 2410.160.2	160 mm	2.9 mm	2	Box of 12 pieces	0.115
LA 2410.160.3	160 mm	2.9 mm	3	Box of 12 pieces	0.115
LA 2410.160.4	160 mm	2.9 mm	4	Box of 12 pieces	0.115
LA 2410.160.6	160 mm	2.9 mm	6	Box of 12 pieces	0.115

Cuts coarse (000) to fine (8)

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Round

N°	Length	A	Cut	Sales unit	Kg
LA 2410.180.0	180 mm	3.2 mm	0	Box of 12 pieces	0.150
LA 2410.180.00	180 mm	3.2 mm	00	Box of 12 pieces	0.150
LA 2410.180.1	180 mm	3.2 mm	1	Box of 12 pieces	0.150
LA 2410.180.2	180 mm	3.2 mm	2	Box of 12 pieces	0.150
LA 2410.180.3	180 mm	3.2 mm	3	Box of 12 pieces	0.150
LA 2410.180.4	180 mm	3.2 mm	4	Box of 12 pieces	0.150
LA 2410.200.0	200 mm	3.5 mm	0	Box of 12 pieces	0.200
LA 2410.200.00	200 mm	3.5 mm	00	Box of 12 pieces	0.200
LA 2410.200.1	200 mm	3.5 mm	1	Box of 12 pieces	0.200
LA 2410.200.2	200 mm	3.5 mm	2	Box of 12 pieces	0.200
LA 2410.200.3	200 mm	3.5 mm	3	Box of 12 pieces	0.200
LA 2410.200.4	200 mm	3.5 mm	4	Box of 12 pieces	0.200

*Cuts coarse (000) to fine (8)***Barrette**

Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2411.100.0	100 mm	3.7 x 1.4 mm	0	Box of 12 pieces	0.040
LA 2411.100.2	100 mm	3.7 x 1.4 mm	2	Box of 12 pieces	0.040
LA 2411.100.3	100 mm	3.7 x 1.4 mm	3	Box of 12 pieces	0.040
LA 2411.100.4	100 mm	3.7 x 1.4 mm	4	Box of 12 pieces	0.040
LA 2411.140.0	140 mm	4.7 x 1.7 mm	0	Box of 12 pieces	0.080
LA 2411.140.00	140 mm	4.7 x 1.7 mm	00	Box of 12 pieces	0.080
LA 2411.140.1	140 mm	4.7 x 1.7 mm	1	Box of 12 pieces	0.080
LA 2411.140.2	140 mm	4.7 x 1.7 mm	2	Box of 12 pieces	0.080
LA 2411.140.3	140 mm	4.7 x 1.7 mm	3	Box of 12 pieces	0.080
LA 2411.140.4	140 mm	4.7 x 1.7 mm	4	Box of 12 pieces	0.080
LA 2411.140.6	140 mm	4.7 x 1.7 mm	6	Box of 12 pieces	0.080
LA 2411.160.0	160 mm	5.1 x 1.8 mm	0	Box of 12 pieces	0.115
LA 2411.160.00	160 mm	5.1 x 1.8 mm	00	Box of 12 pieces	0.115
LA 2411.160.1	160 mm	5.1 x 1.8 mm	1	Box of 12 pieces	0.115
LA 2411.160.2	160 mm	5.1 x 1.8 mm	2	Box of 12 pieces	0.115
LA 2411.160.3	160 mm	5.1 x 1.8 mm	3	Box of 12 pieces	0.115
LA 2411.160.4	160 mm	5.1 x 1.8 mm	4	Box of 12 pieces	0.115
LA 2411.160.6	160 mm	5.1 x 1.8 mm	6	Box of 12 pieces	0.115
LA 2411.180.0	180 mm	5.4 x 2.0 mm	0	Box of 12 pieces	0.150
LA 2411.180.00	180 mm	5.4 x 2.0 mm	00	Box of 12 pieces	0.150

Cuts coarse (000) to fine (8)

Continued from previous page

Barrette

N°	Length	A x B	Cut	Sales unit	Kg
LA 2411.180.1	180 mm	5.4 x 2.0 mm	1	Box of 12 pieces	0.150
LA 2411.180.2	180 mm	5.4 x 2.0 mm	2	Box of 12 pieces	0.150
LA 2411.180.3	180 mm	5.4 x 2.0 mm	3	Box of 12 pieces	0.150
LA 2411.180.4	180 mm	5.4 x 2.0 mm	4	Box of 12 pieces	0.150
LA 2411.200.0	200 mm	5.8 x 2.2 mm	0	Box of 12 pieces	0.200
LA 2411.200.00	200 mm	5.8 x 2.2 mm	00	Box of 12 pieces	0.200
LA 2411.200.1	200 mm	5.8 x 2.2 mm	1	Box of 12 pieces	0.200
LA 2411.200.2	200 mm	5.8 x 2.2 mm	2	Box of 12 pieces	0.200
LA 2411.200.3	200 mm	5.8 x 2.2 mm	3	Box of 12 pieces	0.200
LA 2411.200.4	200 mm	5.8 x 2.2 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Slitting

Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LA 2414.100.0	100 mm	4.6 x 1.6 mm	0	Box of 12 pieces	0.040
LA 2414.100.2	100 mm	4.6 x 1.6 mm	2	Box of 12 pieces	0.040
LA 2414.100.3	100 mm	4.6 x 1.6 mm	3	Box of 12 pieces	0.040
LA 2414.100.4	100 mm	4.6 x 1.6 mm	4	Box of 12 pieces	0.040
LA 2414.140.0	140 mm	5.5 x 1.9 mm	0	Box of 12 pieces	0.080
LA 2414.140.1	140 mm	5.5 x 1.9 mm	1	Box of 12 pieces	0.080
LA 2414.140.2	140 mm	5.5 x 1.9 mm	2	Box of 12 pieces	0.080
LA 2414.140.3	140 mm	5.5 x 1.9 mm	3	Box of 12 pieces	0.080
LA 2414.140.4	140 mm	5.5 x 1.9 mm	4	Box of 12 pieces	0.080
LA 2414.160.0	160 mm	6.1 x 2.1 mm	0	Box of 12 pieces	0.115
LA 2414.160.1	160 mm	6.1 x 2.1 mm	1	Box of 12 pieces	0.115
LA 2414.160.2	160 mm	6.1 x 2.1 mm	2	Box of 12 pieces	0.115
LA 2414.160.4	160 mm	6.1 x 2.1 mm	4	Box of 12 pieces	0.115
LA 2414.160.6	160 mm	6.1 x 2.1 mm	6	Box of 12 pieces	0.115

Cuts coarse (000) to fine (8)

Crochet



Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2415.100.0	100 mm	3.7 x 1.0 mm	0	Box of 12 pieces	0.040
LA 2415.100.2	100 mm	3.7 x 1.0 mm	2	Box of 12 pieces	0.040
LA 2415.100.4	100 mm	3.7 x 1.0 mm	4	Box of 12 pieces	0.040
LA 2415.140.0	140 mm	4.8 x 1.2 mm	0	Box of 12 pieces	0.080
LA 2415.140.1	140 mm	4.8 x 1.2 mm	1	Box of 12 pieces	0.080
LA 2415.140.2	140 mm	4.8 x 1.2 mm	2	Box of 12 pieces	0.080
LA 2415.140.3	140 mm	4.8 x 1.2 mm	3	Box of 12 pieces	0.080
LA 2415.140.4	140 mm	4.8 x 1.2 mm	4	Box of 12 pieces	0.080
LA 2415.160.0	160 mm	5.4 x 1.3 mm	0	Box of 12 pieces	0.115
LA 2415.160.00	160 mm	5.4 x 1.3 mm	00	Box of 12 pieces	0.115
LA 2415.160.1	160 mm	5.4 x 1.3 mm	1	Box of 12 pieces	0.115
LA 2415.160.2	160 mm	5.4 x 1.3 mm	2	Box of 12 pieces	0.115
LA 2415.160.3	160 mm	5.4 x 1.3 mm	3	Box of 12 pieces	0.115
LA 2415.160.4	160 mm	5.4 x 1.3 mm	4	Box of 12 pieces	0.115
LA 2415.160.6	160 mm	5.4 x 1.3 mm	6	Box of 12 pieces	0.115
LA 2415.180.0	180 mm	5.9 x 1.4 mm	0	Box of 12 pieces	0.150
LA 2415.180.00	180 mm	5.9 x 1.4 mm	00	Box of 12 pieces	0.150
LA 2415.180.1	180 mm	5.9 x 1.4 mm	1	Box of 12 pieces	0.150
LA 2415.180.2	180 mm	5.9 x 1.4 mm	2	Box of 12 pieces	0.150
LA 2415.180.3	180 mm	5.9 x 1.4 mm	3	Box of 12 pieces	0.150
LA 2415.180.4	180 mm	5.9 x 1.4 mm	4	Box of 12 pieces	0.150
LA 2415.200.0	200 mm	6.5 x 1.5 mm	0	Box of 12 pieces	0.200
LA 2415.200.1	200 mm	6.5 x 1.5 mm	1	Box of 12 pieces	0.200
LA 2415.200.2	200 mm	6.5 x 1.5 mm	2	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)

Pillar round edges



Knurled handle. Made from chrome steel, hardness 65HRC +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2416.100.0	100 mm	3.8 x 1.0 mm	0	Box of 12 pieces	0.040
LA 2416.100.2	100 mm	3.8 x 1.0 mm	2	Box of 12 pieces	0.040
LA 2416.100.4	100 mm	3.8 x 1.0 mm	4	Box of 12 pieces	0.040
LA 2416.140.0	140 mm	4.8 x 1.2 mm	0	Box of 12 pieces	0.080

Cuts coarse (000) to fine (8)

Continued from previous page

Pillar round edges

N°	Length	A x B	Cut	Sales unit	Kg
LA 2416.140.1	140 mm	4.8 x 1.2 mm	1	Box of 12 pieces	0.080
LA 2416.140.2	140 mm	4.8 x 1.2 mm	2	Box of 12 pieces	0.080
LA 2416.140.3	140 mm	4.8 x 1.2 mm	3	Box of 12 pieces	0.080
LA 2416.140.4	140 mm	4.8 x 1.2 mm	4	Box of 12 pieces	0.080
LA 2416.160.0	160 mm	5.4 x 1.3 mm	0	Box of 12 pieces	0.115
LA 2416.160.00	160 mm	5.4 x 1.3 mm	00	Box of 12 pieces	0.115
LA 2416.160.1	160 mm	5.4 x 1.3 mm	1	Box of 12 pieces	0.115
LA 2416.160.2	160 mm	5.4 x 1.3 mm	2	Box of 12 pieces	0.115
LA 2416.160.3	160 mm	5.4 x 1.3 mm	3	Box of 12 pieces	0.115
LA 2416.160.4	160 mm	5.4 x 1.3 mm	4	Box of 12 pieces	0.115
LA 2416.180.0	180 mm	6.0 x 1.4 mm	0	Box of 12 pieces	0.150
LA 2416.180.00	180 mm	6.0 x 1.4 mm	00	Box of 12 pieces	0.150
LA 2416.180.1	180 mm	6.0 x 1.4 mm	1	Box of 12 pieces	0.150
LA 2416.180.2	180 mm	6.0 x 1.4 mm	2	Box of 12 pieces	0.150
LA 2416.180.3	180 mm	6.0 x 1.4 mm	3	Box of 12 pieces	0.150
LA 2416.180.4	180 mm	6.0 x 1.4 mm	4	Box of 12 pieces	0.150
LA 2416.200.0	200 mm	6.5 x 1.5 mm	0	Box of 12 pieces	0.200
LA 2416.200.00	200 mm	6.5 x 1.5 mm	00	Box of 12 pieces	0.200
LA 2416.200.1	200 mm	6.5 x 1.5 mm	1	Box of 12 pieces	0.200
LA 2416.200.2	200 mm	6.5 x 1.5 mm	2	Box of 12 pieces	0.200
LA 2416.200.4	200 mm	6.5 x 1.5 mm	4	Box of 12 pieces	0.200

Cuts coarse (000) to fine (8)



Joint file round edges

Knurled handle. Made from chrome steel, hardness 65HRc +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LA 2417.100.3	100 mm	3.8 x 1.0 mm	3	Box of 12 pieces	0.040
LA 2417.100.4	100 mm	3.8 x 1.0 mm	4	Box of 12 pieces	0.040
LA 2417.140.2	140 mm	4.8 x 1.2 mm	2	Box of 12 pieces	0.080
LA 2417.140.3	140 mm	4.8 x 1.2 mm	3	Box of 12 pieces	0.080
LA 2417.140.4	140 mm	4.8 x 1.2 mm	4	Box of 12 pieces	0.080
LA 2417.160.0	160 mm	5.4 x 1.3 mm	0	Box of 12 pieces	0.115
LA 2417.160.1	160 mm	5.4 x 1.3 mm	1	Box of 12 pieces	0.115
LA 2417.160.2	160 mm	5.4 x 1.3 mm	2	Box of 12 pieces	0.115
LA 2417.160.4	160 mm	5.4 x 1.3 mm	4	Box of 12 pieces	0.115
LA 2417.160.6	160 mm	5.4 x 1.3 mm	6	Box of 12 pieces	0.115

Cuts coarse (000) to fine (8)

Halfround, cut on back only

Knurled handle. Made from chrome steel, hardness 65HRc +/-2. Certified product quality asto ISO 9001 / EN 29001. To order please indicate cut number. A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LA 2418.100.3	100 mm	3.8 x 1.2 mm	3	Box of 12 pieces	0.040
LA 2418.100.4	100 mm	3.8 x 1.2 mm	4	Box of 12 pieces	0.040
LA 2418.140.2	140 mm	5.1 x 1.5 mm	2	Box of 12 pieces	0.080
LA 2418.140.3	140 mm	5.1 x 1.5 mm	3	Box of 12 pieces	0.080
LA 2418.140.4	140 mm	5.1 x 1.5 mm	4	Box of 12 pieces	0.080
LA 2418.160.0	160 mm	5.6 x 1.8 mm	0	Box of 12 pieces	0.115
LA 2418.160.1	160 mm	5.6 x 1.8 mm	1	Box of 12 pieces	0.115
LA 2418.160.2	160 mm	5.6 x 1.8 mm	2	Box of 12 pieces	0.115
LA 2418.160.4	160 mm	5.6 x 1.8 mm	4	Box of 12 pieces	0.115
LA 2418.160.6	160 mm	5.6 x 1.8 mm	6	Box of 12 pieces	0.115

Cuts coarse (000) to fine (8)

Set of 6 files, in pouch

Composed of LA2401, LA2402, LA2407, LA2408, LA2410, LA2411.



N°	Length	Cut	Kg
LA 2442.140.0	140 mm	0	0.033
LA 2442.140.2	140 mm	2	0.033
LA 2443.160.0	160 mm	0	0.045
LA 2443.160.2	160 mm	2	0.045
LA 2444.180.0	180 mm	0	0.061
LA 2444.180.2	180 mm	2	0.061
LA 2445.200.0	200 mm	0	0.088
LA 2445.200.2	200 mm	2	0.088

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Needle files

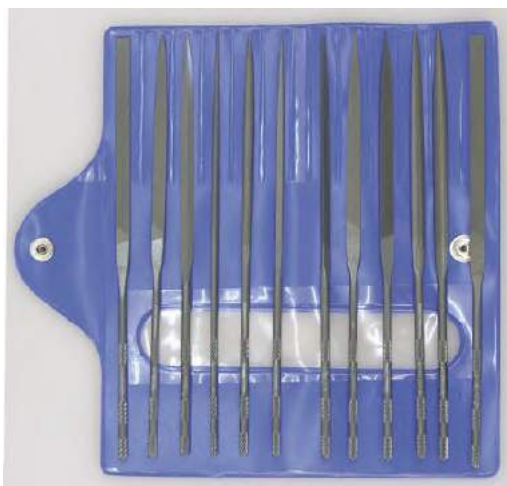


Set of 6 files, in blister

Composed of LA2401, LA2402, LA2407, LA2408, LA2410, LA2411.

N°	Length	Cut	Kg
LA 2452.140.0	140 mm	0	0.033
LA 2452.140.2	140 mm	2	0.033
LA 2453.160.0	160 mm	0	0.045
LA 2453.160.2	160 mm	2	0.045
LA 2454.180.0	180 mm	0	0.061
LA 2454.180.2	180 mm	2	0.061

Cuts coarse (000) to fine (8)



Set of 12 files, in pouch

Composed of LA2401, LA2402, LA 2403, LA 2405, LA 2406, LA2407, LA2408, LA 2409, LA2410, LA2411, LA2415, LA2416.

N°	Length	Cut	Kg
LA 2482.140.0	140 mm	0	0.069
LA 2482.140.2	140 mm	2	0.069
LA 2482.140.4	140 mm	4	0.069
LA 2482.140.A	140 mm	A	0.069
LA 2483.160.0	160 mm	0	0.094
LA 2483.160.2	160 mm	2	0.094
LA 2483.160.4	160 mm	4	0.094
LA 2483.160.A	160 mm	A	0.094

Cuts coarse (000) to fine (8)

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Set of 12 files, in pouch

N°	Length	Cut	Kg
LA 2484.180.0	180 mm	0	0.128
LA 2484.180.2	180 mm	2	0.128
LA 2484.180.4	180 mm	4	0.128
LA 2484.180.A	180 mm	A	0.128
LA 2485.200.0	200 mm	0	0.161
LA 2485.200.2	200 mm	2	0.161
LA 2485.200.4	200 mm	4	0.161
LA 2485.200.A	200 mm	A	0.161

*Cuts coarse (000) to fine (8)***Set of 12 files, in plastic box**

Composed of LA2401, LA2402, LA 2403, LA 2405, LA 2406, LA2407, LA2408, LA 2409, LA2410, LA2411, LA2415, LA2416.



N°	Length	Cut	Kg
LA 2492.140.0	140 mm	0	0.069
LA 2492.140.2	140 mm	2	0.069
LA 2492.140.4	140 mm	4	0.069
LA 2492.140.A	140 mm	A	0.069
LA 2493.160.0	160 mm	0	0.094
LA 2493.160.2	160 mm	2	0.094
LA 2493.160.4	160 mm	4	0.094
LA 2493.160.A	160 mm	A	0.094

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Needle files



Needle file set

Popular set of assorted economical files, medium cut with knurled handles. Ideal for hobbyists, students, schools, colleges, etc.

N°	Description	Length	Kg
175.700	Set	140 mm	0.110



Diamond files

Good quality, diamond coated needle files with red plastified handles. Mesh 120 - 130.

N°	Description	Length	Working length	Kg
175.630	Pillar	140.0 mm	60 mm	0.055
175.631	Half round	140.0 mm	60 mm	0.055
175.632	Round	140.0 mm	60 mm	0.055
175.633	Square	140.0 mm	60 mm	0.055
175.634	Three square	140.0 mm	60 mm	0.055
175.640	Assortment	140.0 mm	60 mm	0.055



Wax file set

Set of six assorted needle files ideal for filing wax, plastic etc. Contains styles listed below. Bastard cut only.

N°	Description	Length	Kg
175.720	Set	140 mm	0.040
175.720.1	Pillar	140 mm	0.007
175.720.2	Warding	140 mm	0.007
175.720.3	Half-round	140 mm	0.007
175.720.4	Round	140 mm	0.007
175.720.5	Three square	140 mm	0.007
175.720.6	Square	140 mm	0.007

Vul-Crylic file

For wax, plastic etc. Rough cut on one side, medium on the other.



N°	Length	A	B	Kg
175.710.150	150 mm	12.5 mm	3.5 mm	0.055
175.710.175	175 mm	12.5 mm	3.5 mm	0.055
175.710.200	200 mm	13.5 mm	4.0 mm	0.055

Wax file

This new, economical wax file is perfect for working on wax, plastic and wood. Excellent value. Double-ended, one end coarse cut, the other end medium cut.



N°	Length	Kg
175.710E	205 mm	0.050

Hand tools

Files, gravers and broaches - Escapement files



Dovetail

A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3001.35.2	35 mm	3 x 1 mm	2	Box of 12 pieces	0.065
LE 3001.35.4	35 mm	3 x 1 mm	4	Box of 12 pieces	0.065
LE 3001.35.6	35 mm	3 x 1 mm	6	Box of 12 pieces	0.065

Cuts coarse (000) to fine (8)



Knife pointed

A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3004.55.0	55 mm	5 x 1.3 mm	0	Box of 12 pieces	0.075
LE 3004.55.2	55 mm	5 x 1.3 mm	2	Box of 12 pieces	0.075
LE 3004.55.4	55 mm	5 x 1.3 mm	4	Box of 12 pieces	0.075
LE 3004.55.5	55 mm	5 x 1.3 mm	5	Box of 12 pieces	0.075
LE 3004.55.6	55 mm	5 x 1.3 mm	6	Box of 12 pieces	0.075
LE 3004.55.8	55 mm	5 x 1.3 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)



Barrette 3 sides cut

A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3007.55.2	55 mm	4.5 x 1.3 mm	2	Box of 12 pieces	0.075
LE 3007.55.4	55 mm	4.5 x 1.3 mm	4	Box of 12 pieces	0.075
LE 3007.55.6	55 mm	4.5 x 1.3 mm	6	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Halfround



A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3008.40.0	40 mm	3.8 x 1.4 mm	0	Box of 12 pieces	0.065
LE 3008.40.2	40 mm	3.8 x 1.4 mm	2	Box of 12 pieces	0.065
LE 3008.40.3	40 mm	3.8 x 1.4 mm	3	Box of 12 pieces	0.065
LE 3008.40.4	40 mm	3.8 x 1.4 mm	4	Box of 12 pieces	0.065
LE 3008.40.5	40 mm	3.8 x 1.4 mm	5	Box of 12 pieces	0.065
LE 3008.40.6	40 mm	3.8 x 1.4 mm	6	Box of 12 pieces	0.065
LE 3008.40.8	40 mm	3.8 x 1.4 mm	8	Box of 12 pieces	0.065
LE 3008.55.0	55 mm	4.6 x 1.6 mm	0	Box of 12 pieces	0.075
LE 3008.55.2	55 mm	4.6 x 1.6 mm	2	Box of 12 pieces	0.075
LE 3008.55.3	55 mm	4.6 x 1.6 mm	3	Box of 12 pieces	0.075
LE 3008.55.4	55 mm	4.6 x 1.6 mm	4	Box of 12 pieces	0.075
LE 3008.55.5	55 mm	4.6 x 1.6 mm	5	Box of 12 pieces	0.075
LE 3008.55.6	55 mm	4.6 x 1.6 mm	6	Box of 12 pieces	0.075
LE 3008.55.8	55 mm	4.6 x 1.6 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Crossing



A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3009.40.2	40 mm	3.7 x 1.4 mm	2	Box of 12 pieces	0.065
LE 3009.40.4	40 mm	3.7 x 1.4 mm	4	Box of 12 pieces	0.065
LE 3009.40.6	40 mm	3.7 x 1.4 mm	6	Box of 12 pieces	0.065
LE 3009.40.8	40 mm	3.7 x 1.4 mm	8	Box of 12 pieces	0.065
LE 3009.55.2	55 mm	4.8 x 1.6 mm	2	Box of 12 pieces	0.075
LE 3009.55.4	55 mm	4.8 x 1.6 mm	4	Box of 12 pieces	0.075
LE 3009.55.5	55 mm	4.8 x 1.6 mm	5	Box of 12 pieces	0.075
LE 3009.55.6	55 mm	4.8 x 1.6 mm	6	Box of 12 pieces	0.075
LE 3009.55.8	55 mm	4.8 x 1.6 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)



Barrette

A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3010.40.0	40 mm	3.7 x 1.3 mm	0	Box of 12 pieces	0.065
LE 3010.40.2	40 mm	3.7 x 1.3 mm	2	Box of 12 pieces	0.065
LE 3010.40.3	40 mm	3.7 x 1.3 mm	3	Box of 12 pieces	0.065
LE 3010.40.4	40 mm	3.7 x 1.3 mm	4	Box of 12 pieces	0.065
LE 3010.40.6	40 mm	3.7 x 1.3 mm	6	Box of 12 pieces	0.065
LE 3010.40.8	40 mm	3.7 x 1.3 mm	8	Box of 12 pieces	0.065
LE 3010.55.0	55 mm	4.5 x 1.3 mm	0	Box of 12 pieces	0.075
LE 3010.55.2	55 mm	4.5 x 1.3 mm	2	Box of 12 pieces	0.075
LE 3010.55.3	55 mm	4.5 x 1.3 mm	3	Box of 12 pieces	0.075
LE 3010.55.4	55 mm	4.5 x 1.3 mm	4	Box of 12 pieces	0.075
LE 3010.55.5	55 mm	4.5 x 1.3 mm	5	Box of 12 pieces	0.075
LE 3010.55.6	55 mm	4.5 x 1.3 mm	6	Box of 12 pieces	0.075
LE 3010.55.8	55 mm	4.5 x 1.3 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)



Barrette parallel

A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3011.48.2	48 mm	4.1 x 1.2 mm	2	Box of 12 pieces	0.065
LE 3011.48.4	48 mm	4.1 x 1.2 mm	4	Box of 12 pieces	0.065
LE 3011.48.6	48 mm	4.1 x 1.2 mm	6	Box of 12 pieces	0.065

Cuts coarse (000) to fine (8)



Rounding off

A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3012.40.2	40 mm	3.6 x 0.8 mm	2	Box of 12 pieces	0.065
LE 3012.40.4	40 mm	3.6 x 0.8 mm	4	Box of 12 pieces	0.065
LE 3012.40.6	40 mm	3.6 x 0.8 mm	6	Box of 12 pieces	0.065

Cuts coarse (000) to fine (8)

Three square



A = width



N°	Length	A	Cut	Sales unit	Kg
LE 3014.40.2	40 mm	2.8 mm	2	Box of 12 pieces	0.065
LE 3014.40.4	40 mm	2.8 mm	4	Box of 12 pieces	0.065
LE 3014.40.6	40 mm	2.8 mm	6	Box of 12 pieces	0.065
LE 3014.55.0	55 mm	3.4 mm	0	Box of 12 pieces	0.075
LE 3014.55.2	55 mm	3.4 mm	2	Box of 12 pieces	0.075
LE 3014.55.3	55 mm	3.4 mm	3	Box of 12 pieces	0.075
LE 3014.55.4	55 mm	3.4 mm	4	Box of 12 pieces	0.075
LE 3014.55.5	55 mm	3.4 mm	5	Box of 12 pieces	0.075
LE 3014.55.6	55 mm	3.4 mm	6	Box of 12 pieces	0.075
LE 3014.55.8	55 mm	3.4 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Watch anchor



A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3015.55.6	55 mm	4.4 x 0.8 mm	6	Box of 12 pieces	0.075
LE 3015.55.8	55 mm	4.4 x 0.8 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Warding



A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3016.55.2	55 mm	4.6 x 0.9 mm	2	Box of 12 pieces	0.075
LE 3016.55.4	55 mm	4.6 x 0.9 mm	4	Box of 12 pieces	0.075
LE 3016.55.6	55 mm	4.6 x 0.9 mm	6	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Escapement files



Pillar

A = width, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LE 3017.55.2	55 mm	5 x 0.9 mm	2	Box of 12 pieces	0.075
LE 3017.55.4	55 mm	5 x 0.9 mm	4	Box of 12 pieces	0.075
LE 3017.55.6	55 mm	5 x 0.9 mm	6	Box of 12 pieces	0.075
LE 3017.55.8	55 mm	5 x 0.9 mm	8	Box of 12 pieces	0.075
LE 3017.65.0	65 mm	5 x 1.3 mm	0	Box of 12 pieces	0.095
LE 3017.65.2	65 mm	5 x 1.3 mm	2	Box of 12 pieces	0.095
LE 3017.65.3	65 mm	5 x 1.3 mm	3	Box of 12 pieces	0.095
LE 3017.65.4	65 mm	5 x 1.3 mm	4	Box of 12 pieces	0.095
LE 3017.65.5	65 mm	5 x 1.3 mm	5	Box of 12 pieces	0.095
LE 3017.65.6	65 mm	5 x 1.3 mm	6	Box of 12 pieces	0.095
LE 3017.65.8	65 mm	5 x 1.3 mm	8	Box of 12 pieces	0.095

Cuts coarse (000) to fine (8)



Square

A = width

N°	Length	A	Cut	Sales unit	Kg
LE 3020.55.0	55 mm	1.7 mm	0	Box of 12 pieces	0.065
LE 3020.55.2	55 mm	1.7 mm	2	Box of 12 pieces	0.065
LE 3020.55.3	55 mm	1.7 mm	3	Box of 12 pieces	0.065
LE 3020.55.4	55 mm	1.7 mm	4	Box of 12 pieces	0.065
LE 3020.55.5	55 mm	1.7 mm	5	Box of 12 pieces	0.065
LE 3020.55.6	55 mm	1.7 mm	6	Box of 12 pieces	0.065
LE 3020.55.8	55 mm	1.7 mm	8	Box of 12 pieces	0.065
LE 3020.65.0	65 mm	1.9 mm	0	Box of 12 pieces	0.075
LE 3020.65.2	65 mm	1.9 mm	2	Box of 12 pieces	0.075
LE 3020.65.3	65 mm	1.9 mm	3	Box of 12 pieces	0.075
LE 3020.65.4	65 mm	1.9 mm	4	Box of 12 pieces	0.075
LE 3020.65.5	65 mm	1.9 mm	5	Box of 12 pieces	0.075
LE 3020.65.6	65 mm	1.9 mm	6	Box of 12 pieces	0.075
LE 3020.65.8	65 mm	1.9 mm	8	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Round



A = diameter



N°	Length	A	Cut	Sales unit	Kg
LE 3021.55.0	55 mm	1.5 mm	0	Box of 12 pieces	0.075
LE 3021.55.2	55 mm	1.5 mm	2	Box of 12 pieces	0.075
LE 3021.55.3	55 mm	1.5 mm	3	Box of 12 pieces	0.075
LE 3021.55.4	55 mm	1.5 mm	4	Box of 12 pieces	0.075
LE 3021.55.5	55 mm	1.5 mm	5	Box of 12 pieces	0.075
LE 3021.55.6	55 mm	1.5 mm	6	Box of 12 pieces	0.075
LE 3021.55.8	55 mm	1.5 mm	8	Box of 12 pieces	0.075
LE 3021.65.0	65 mm	2 mm	0	Box of 12 pieces	0.095
LE 3021.65.2	65 mm	2 mm	2	Box of 12 pieces	0.095
LE 3021.65.3	65 mm	2 mm	3	Box of 12 pieces	0.095
LE 3021.65.4	65 mm	2 mm	4	Box of 12 pieces	0.095
LE 3021.65.5	65 mm	2 mm	5	Box of 12 pieces	0.095
LE 3021.65.6	65 mm	2 mm	6	Box of 12 pieces	0.095
LE 3021.65.8	65 mm	2 mm	8	Box of 12 pieces	0.095

Cuts coarse (000) to fine (8)

Balance wheel



A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3026.35.2	35 mm	2.9 x 1.2 mm	2	Box of 12 pieces	0.065
LE 3026.35.4	35 mm	2.9 x 1.2 mm	4	Box of 12 pieces	0.065
LE 3026.35.6	35 mm	2.9 x 1.2 mm	6	Box of 12 pieces	0.065

Cuts coarse (000) to fine (8)

Equalling



A = width, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LE 3029.55-2-DT	55 mm	4.7 x 0.7 mm	2	Box of 12 pieces	0.075
LE 3029.55-4-DT	55 mm	4.7 x 0.7 mm	4	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

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Equalling

N°	Length	A x B	Cut	Sales unit	Kg
LE 3029.55-6-DT	55 mm	4.7 x 0.7 mm	6	Box of 12 pieces	0.075

Cuts coarse (000) to fine (8)

Slotting



N°	Length	B	Cut	Sales unit	Kg
LP 1040.06.0	150 mm	5.5 mm	0	Box of 12 pieces	0.400
LP 1040.06.00	150 mm	5.5 mm	00	Box of 12 pieces	0.400
LP 1040.06.1	150 mm	5.5 mm	1	Box of 12 pieces	0.400
LP 1040.06.2	150 mm	5.5 mm	2	Box of 12 pieces	0.400
LP 1040.08.0	200 mm	7.5 mm	0	Box of 12 pieces	0.890
LP 1040.08.00	200 mm	7.5 mm	00	Box of 12 pieces	0.890
LP 1040.08.2	200 mm	7.5 mm	2	Box of 12 pieces	0.890
LP 1040.10.00-10	250 mm	9.5 mm	00	Box of 12 pieces	2.300
LP 1040.10.00-16	250 mm	16.5 mm	00	Box of 12 pieces	4.000
LP 1040.10.0-10	250 mm	9.5 mm	0	Box of 12 pieces	2.300
LP 1040.10.0-16	250 mm	16.5 mm	0	Box of 12 pieces	4.000

Cuts coarse (000) to fine (8)

Barrette



N°	Length	A x B	Cut	Sales unit	Kg
LP 1060.03.0	75 mm	9.0 x 2.0 mm	0	Box of 12 pieces	0.120
LP 1060.03.2	75 mm	9.0 x 2.0 mm	2	Box of 12 pieces	0.120
LP 1060.03.4	75 mm	9.0 x 2.0 mm	4	Box of 12 pieces	0.120
LP 1060.04.0	100 mm	12.4 x 2.6 mm	0	Box of 12 pieces	0.200
LP 1060.04.00	100 mm	12.4 x 2.6 mm	00	Box of 12 pieces	0.200
LP 1060.04.1	100 mm	12.4 x 2.6 mm	1	Box of 12 pieces	0.200
LP 1060.04.2	100 mm	12.4 x 2.6 mm	2	Box of 12 pieces	0.200
LP 1060.04.3	100 mm	12.4 x 2.6 mm	3	Box of 12 pieces	0.200
LP 1060.04.4	100 mm	12.4 x 2.6 mm	4	Box of 12 pieces	0.200
LP 1060.05.0	125 mm	14.0 x 3.0 mm	0	Box of 12 pieces	0.360
LP 1060.05.00	125 mm	14.0 x 3.0 mm	00	Box of 12 pieces	0.360
LP 1060.05.1	125 mm	14.0 x 3.0 mm	1	Box of 12 pieces	0.360
LP 1060.05.2	125 mm	14.0 x 3.0 mm	2	Box of 12 pieces	0.360
LP 1060.05.3	125 mm	14.0 x 3.0 mm	3	Box of 12 pieces	0.360
LP 1060.06.0	150 mm	15.5 x 3.5 mm	0	Box of 12 pieces	0.660
LP 1060.06.00	150 mm	15.5 x 3.5 mm	00	Box of 12 pieces	0.660
LP 1060.06.1	150 mm	15.5 x 3.5 mm	1	Box of 12 pieces	0.660
LP 1060.06.2	150 mm	15.5 x 3.5 mm	2	Box of 12 pieces	0.660
LP 1060.06.3	150 mm	15.5 x 3.5 mm	3	Box of 12 pieces	0.660
LP 1060.06.4	150 mm	15.5 x 3.5 mm	4	Box of 12 pieces	0.660

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang

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Barrette

N°	Length	A x B	Cut	Sales unit	Kg
LP 1060.08.0	200 mm	21.5 x 5.0 mm	0	Box of 12 pieces	1.390
LP 1060.08.00	200 mm	21.5 x 5.0 mm	00	Box of 12 pieces	1.390
LP 1060.08.1	200 mm	21.5 x 5.0 mm	1	Box of 12 pieces	1.390
LP 1060.08.2	200 mm	21.5 x 5.0 mm	2	Box of 12 pieces	1.390
LP 1060.08.3	200 mm	21.5 x 5.0 mm	3	Box of 12 pieces	1.390

Cuts coarse (000) to fine (8)



Barrette special



N°	Length	A x B	Cut	Sales unit	Kg
LP 1061.03.1	75 mm	9.0 x 1.8 mm	1	Box of 12 pieces	0.120
LP 1061.03.3	75 mm	9.0 x 1.8 mm	3	Box of 12 pieces	0.120
LP 1061.03.4	75 mm	9.0 x 1.8 mm	4	Box of 12 pieces	0.120
LP 1061.03.6	75 mm	9.0 x 1.8 mm	6	Box of 12 pieces	0.120
LP 1061.035.0	90 mm	10.5 x 2.0 mm	0	Box of 12 pieces	0.160
LP 1061.035.2	90 mm	10.5 x 2.0 mm	2	Box of 12 pieces	0.160
LP 1061.035.4	90 mm	10.5 x 2.0 mm	4	Box of 12 pieces	0.160

Cuts coarse (000) to fine (8)



Regular pillar 2 sides cut

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1132.04.0	100 mm	9.5 x 2.5 mm	0	Box of 12 pieces	0.260
LP 1132.04.00	100 mm	9.5 x 2.5 mm	00	Box of 12 pieces	0.260
LP 1132.04.1	100 mm	9.5 x 2.5 mm	1	Box of 12 pieces	0.260
LP 1132.04.2	100 mm	9.5 x 2.5 mm	2	Box of 12 pieces	0.260
LP 1132.04.4	100 mm	9.5 x 2.5 mm	4	Box of 12 pieces	0.260
LP 1132.05.0	125 mm	10.5 x 3.5 mm	0	Box of 12 pieces	0.480
LP 1132.05.2	125 mm	10.5 x 3.5 mm	2	Box of 12 pieces	0.480
LP 1132.05.4	125 mm	10.5 x 3.5 mm	4	Box of 12 pieces	0.480
LP 1132.06.0	150 mm	12.0 x 4.0 mm	0	Box of 12 pieces	0.750
LP 1132.06.00	150 mm	12.0 x 4.0 mm	00	Box of 12 pieces	0.750
LP 1132.06.1	150 mm	12.0 x 4.0 mm	1	Box of 12 pieces	0.750
LP 1132.06.2	150 mm	12.0 x 4.0 mm	2	Box of 12 pieces	0.750
LP 1132.06.3	150 mm	12.0 x 4.0 mm	3	Box of 12 pieces	0.750

Cuts coarse (000) to fine (8)

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Regular pillar 2 sides cut

N°	Length	A x B	Cut	Sales unit	Kg
LP 1132.06.4	150 mm	12.0 x 4.0 mm	4	Box of 12 pieces	0.750
LP 1132.06.6	150 mm	12.0 x 4.0 mm	6	Box of 12 pieces	0.750
LP 1132.07.0	175 mm	13.5 x 4.0 mm	0	Box of 12 pieces	1.000
LP 1132.07.00	175 mm	13.5 x 4.0 mm	00	Box of 12 pieces	1.000
LP 1132.07.1	175 mm	13.5 x 4.0 mm	1	Box of 12 pieces	1.000
LP 1132.08.0	200 mm	14.5 x 4.5 mm	0	Box of 12 pieces	1.230
LP 1132.08.00	200 mm	14.5 x 4.5 mm	00	Box of 12 pieces	1.230
LP 1132.08.1	200 mm	14.5 x 4.5 mm	1	Box of 12 pieces	1.230
LP 1132.08.2	200 mm	14.5 x 4.5 mm	2	Box of 12 pieces	1.230
LP 1132.08.3	200 mm	14.5 x 4.5 mm	3	Box of 12 pieces	1.230
LP 1132.08.4	200 mm	14.5 x 4.5 mm	4	Box of 12 pieces	1.230
LP 1132.08.6	200 mm	14.5 x 4.5 mm	6	Box of 12 pieces	1.230
LP 1132.10.0	250 mm	17.5 x 5.3 mm	0	Box of 12 pieces	2.320
LP 1132.10.00	250 mm	17.5 x 5.3 mm	00	Box of 12 pieces	2.320
LP 1132.10.1	250 mm	17.5 x 5.3 mm	1	Box of 12 pieces	2.320
LP 1132.10.2	250 mm	17.5 x 5.3 mm	2	Box of 12 pieces	2.320
LP 1132.10.4	250 mm	17.5 x 5.3 mm	4	Box of 12 pieces	2.320
LP 1132.12.0	300 mm	19.3 x 6.3 mm	0	Box of 12 pieces	3.600
LP 1132.12.00	300 mm	19.3 x 6.3 mm	00	Box of 12 pieces	3.600
LP 1132.12.2	300 mm	19.3 x 6.3 mm	2	Box of 12 pieces	3.600

Cuts coarse (000) to fine (8)

Regular pillar 3 sides cut



A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1133.04.0	100 mm	9.5 x 2.5 mm	0	Box of 12 pieces	0.260
LP 1133.04.00	100 mm	9.5 x 2.5 mm	00	Box of 12 pieces	0.260
LP 1133.04.1	100 mm	9.5 x 2.5 mm	1	Box of 12 pieces	0.260
LP 1133.04.2	100 mm	9.5 x 2.5 mm	2	Box of 12 pieces	0.260
LP 1133.05.0	125 mm	10.5 x 3.5 mm	0	Box of 12 pieces	0.480
LP 1133.05.00	125 mm	10.5 x 3.5 mm	00	Box of 12 pieces	0.480
LP 1133.05.2	125 mm	10.5 x 3.5 mm	2	Box of 12 pieces	0.480
LP 1133.06.0	150 mm	12.0 x 4.0 mm	0	Box of 12 pieces	0.750
LP 1133.06.00	150 mm	12.0 x 4.0 mm	00	Box of 12 pieces	0.750
LP 1133.06.1	150 mm	12.0 x 4.0 mm	1	Box of 12 pieces	0.750
LP 1133.06.2	150 mm	12.0 x 4.0 mm	2	Box of 12 pieces	0.750
LP 1133.06.3	150 mm	12.0 x 4.0 mm	3	Box of 12 pieces	0.750
LP 1133.06.4	150 mm	12.0 x 4.0 mm	4	Box of 12 pieces	0.750
LP 1133.07.0	175 mm	13.5 x 4.0 mm	0	Box of 12 pieces	1.000

Cuts coarse (000) to fine (8)

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Regular pillar 3 sides cut

N°	Length	A x B	Cut	Sales unit	Kg
LP 1133.07.00	175 mm	13.5 x 4.0 mm	00	Box of 12 pieces	1.000
LP 1133.07.1	175 mm	13.5 x 4.0 mm	1	Box of 12 pieces	1.000
LP 1133.07.2	175 mm	13.5 x 4.0 mm	2	Box of 12 pieces	1.000
LP 1133.08.0	200 mm	14.5 x 4.5 mm	0	Box of 12 pieces	1.230
LP 1133.08.00	200 mm	14.5 x 4.5 mm	00	Box of 12 pieces	1.230
LP 1133.08.1	200 mm	14.5 x 4.5 mm	1	Box of 12 pieces	1.230
LP 1133.08.2	200 mm	14.5 x 4.5 mm	2	Box of 12 pieces	1.230
LP 1133.08.4	200 mm	14.5 x 4.5 mm	4	Box of 12 pieces	1.230
LP 1133.10.0	250 mm	17.5 x 5.3 mm	0	Box of 12 pieces	2.320
LP 1133.10.00	250 mm	17.5 x 5.3 mm	00	Box of 12 pieces	2.320
LP 1133.10.1	250 mm	17.5 x 5.3 mm	1	Box of 12 pieces	2.320
LP 1133.10.2	250 mm	17.5 x 5.3 mm	2	Box of 12 pieces	2.320

Cuts coarse (000) to fine (8)



Pillar checkering

A = working length, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LP 1136.06.0	150 mm	12.4 x 4.5 mm	0	Box of 12 pieces	0.890
LP 1136.06.00	150 mm	12.4 x 4.5 mm	00	Box of 12 pieces	0.890
LP 1136.06.1	150 mm	12.4 x 4.5 mm	1	Box of 12 pieces	0.890
LP 1136.06.2	150 mm	12.4 x 4.5 mm	2	Box of 12 pieces	0.890
LP 1136.06.4	150 mm	12.4 x 4.5 mm	4	Box of 12 pieces	0.890

Cuts coarse (000) to fine (8)



Pillar thin

A = working length, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LP 1138.04.0	100 mm	8.5 x 1.2 mm	0	Box of 12 pieces	0.160
LP 1138.04.00	100 mm	8.5 x 1.2 mm	00	Box of 12 pieces	0.160
LP 1138.04.1	100 mm	8.5 x 1.2 mm	1	Box of 12 pieces	0.160
LP 1138.04.2	100 mm	8.5 x 1.2 mm	2	Box of 12 pieces	0.160
LP 1138.06.0	150 mm	10.5 x 2.4 mm	0	Box of 12 pieces	0.470
LP 1138.06.00	150 mm	10.5 x 2.4 mm	00	Box of 12 pieces	0.470
LP 1138.06.1	150 mm	10.5 x 2.4 mm	1	Box of 12 pieces	0.470
LP 1138.06.2	150 mm	10.5 x 2.4 mm	2	Box of 12 pieces	0.470

Cuts coarse (000) to fine (8)

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Pillar thin

N°	Length	A x B	Cut	Sales unit	Kg
LP 1138.06.4	150 mm	10.5 x 2.4 mm	4	Box of 12 pieces	0.470

*Cuts coarse (000) to fine (8)***Pillar slim**

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1142.04.0	100 mm	4.6 x 2.2 mm	0	Box of 12 pieces	0.140
LP 1142.04.00	100 mm	4.6 x 2.2 mm	00	Box of 12 pieces	0.140
LP 1142.04.1	100 mm	4.6 x 2.2 mm	1	Box of 12 pieces	0.140
LP 1142.04.2	100 mm	4.6 x 2.2 mm	2	Box of 12 pieces	0.140
LP 1142.04.4	100 mm	4.6 x 2.2 mm	4	Box of 12 pieces	0.140
LP 1142.05.0	125 mm	5.5 x 2.5 mm	0	Box of 12 pieces	0.230
LP 1142.05.2	125 mm	5.5 x 2.5 mm	2	Box of 12 pieces	0.230
LP 1142.06.0	150 mm	6.5 x 3.0 mm	0	Box of 12 pieces	0.380
LP 1142.06.00	150 mm	6.5 x 3.0 mm	00	Box of 12 pieces	0.380
LP 1142.06.1	150 mm	6.5 x 3.0 mm	1	Box of 12 pieces	0.380
LP 1142.06.2	150 mm	6.5 x 3.0 mm	2	Box of 12 pieces	0.380
LP 1142.06.3	150 mm	6.5 x 3.0 mm	3	Box of 12 pieces	0.380
LP 1142.06.4	150 mm	6.5 x 3.0 mm	4	Box of 12 pieces	0.380
LP 1142.06.6	150 mm	6.5 x 3.0 mm	6	Box of 12 pieces	0.380
LP 1142.07.0	175 mm	7.3 x 3.3 mm	0	Box of 12 pieces	0.550
LP 1142.07.1	175 mm	7.3 x 3.3 mm	1	Box of 12 pieces	0.550
LP 1142.07.2	175 mm	7.3 x 3.3 mm	2	Box of 12 pieces	0.550
LP 1142.08.0	200 mm	8.3 x 3.8 mm	0	Box of 12 pieces	0.700
LP 1142.08.00	200 mm	8.3 x 3.8 mm	00	Box of 12 pieces	0.700
LP 1142.08.1	200 mm	8.3 x 3.8 mm	1	Box of 12 pieces	0.700
LP 1142.08.2	200 mm	8.3 x 3.8 mm	2	Box of 12 pieces	0.700
LP 1142.08.3	200 mm	8.3 x 3.8 mm	3	Box of 12 pieces	0.700
LP 1142.08.4	200 mm	8.3 x 3.8 mm	4	Box of 12 pieces	0.700
LP 1142.10.0	250 mm	9.3 x 4.3 mm	0	Box of 12 pieces	1.100
LP 1142.10.00	250 mm	9.3 x 4.3 mm	00	Box of 12 pieces	1.100
LP 1142.10.2	250 mm	9.3 x 4.3 mm	2	Box of 12 pieces	1.100

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang



Pillar extra slim

A = working length, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LP 1152.03.2	75 mm	2.7 x 1.7 mm	2	Box of 12 pieces	0.070
LP 1152.04.0	100 mm	3.7 x 1.7 mm	0	Box of 12 pieces	0.100
LP 1152.04.00	100 mm	3.7 x 1.7 mm	00	Box of 12 pieces	0.100
LP 1152.04.2	100 mm	3.7 x 1.7 mm	2	Box of 12 pieces	0.100
LP 1152.04.4	100 mm	3.7 x 1.7 mm	4	Box of 12 pieces	0.100
LP 1152.05.0	125 mm	4.0 x 2.0 mm	0	Box of 12 pieces	0.170
LP 1152.05.2	125 mm	4.0 x 2.0 mm	2	Box of 12 pieces	0.170
LP 1152.06.0	150 mm	4.5 x 2.5 mm	0	Box of 12 pieces	0.250
LP 1152.06.00	150 mm	4.5 x 2.5 mm	00	Box of 12 pieces	0.250
LP 1152.06.1	150 mm	4.5 x 2.5 mm	1	Box of 12 pieces	0.250
LP 1152.06.2	150 mm	4.5 x 2.5 mm	2	Box of 12 pieces	0.250
LP 1152.06.3	150 mm	4.5 x 2.5 mm	3	Box of 12 pieces	0.250
LP 1152.06.4	150 mm	4.5 x 2.5 mm	4	Box of 12 pieces	0.250
LP 1152.06.6	150 mm	4.5 x 2.5 mm	6	Box of 12 pieces	0.250
LP 1152.08.0	200 mm	6.3 x 2.8 mm	0	Box of 12 pieces	0.510
LP 1152.08.00	200 mm	6.3 x 2.8 mm	00	Box of 12 pieces	0.510
LP 1152.08.1	200 mm	6.3 x 2.8 mm	1	Box of 12 pieces	0.510
LP 1152.08.2	200 mm	6.3 x 2.8 mm	2	Box of 12 pieces	0.510
LP 1152.08.4	200 mm	6.3 x 2.8 mm	4	Box of 12 pieces	0.510
LP 1152.10.0	250 mm	8.3 x 3.8 mm	0	Box of 12 pieces	0.870
LP 1152.10.00	250 mm	8.3 x 3.8 mm	00	Box of 12 pieces	0.870
LP 1152.10.2	250 mm	8.3 x 3.8 mm	2	Box of 12 pieces	0.870

Cuts coarse (000) to fine (8)



Hand

A = working length, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LP 1163.04.0	100 mm	12.5 x 3.0 mm	0	Box of 12 pieces	0.440
LP 1163.04.00	100 mm	12.5 x 3.0 mm	00	Box of 12 pieces	0.440
LP 1163.04.1	100 mm	12.5 x 3.0 mm	1	Box of 12 pieces	0.440
LP 1163.04.2	100 mm	12.5 x 3.0 mm	2	Box of 12 pieces	0.440
LP 1163.04.3	100 mm	12.5 x 3.0 mm	3	Box of 12 pieces	0.440
LP 1163.04.4	100 mm	12.5 x 3.0 mm	4	Box of 12 pieces	0.440
LP 1163.04.5	100 mm	12.5 x 3.0 mm	5	Box of 12 pieces	0.440
LP 1163.04.6	100 mm	12.5 x 3.0 mm	6	Box of 12 pieces	0.440
LP 1163.05.0	125 mm	15.5 x 3.5 mm	0	Box of 12 pieces	0.660

Cuts coarse (000) to fine (8)

Continued from previous page

Hand

N°	Length	A x B	Cut	Sales unit	Kg
LP 1163.05.00	125 mm	15.5 x 3.5 mm	00	Box of 12 pieces	0.660
LP 1163.05.1	125 mm	15.5 x 3.5 mm	1	Box of 12 pieces	0.660
LP 1163.05.2	125 mm	15.5 x 3.5 mm	2	Box of 12 pieces	0.660
LP 1163.05.3	125 mm	15.5 x 3.5 mm	3	Box of 12 pieces	0.660
LP 1163.05.4	125 mm	15.5 x 3.5 mm	4	Box of 12 pieces	0.660
LP 1163.05.5	125 mm	15.5 x 3.5 mm	5	Box of 12 pieces	0.660
LP 1163.06.0	150 mm	18.5 x 4.0 mm	0	Box of 12 pieces	1.250
LP 1163.06.00	150 mm	18.5 x 4.0 mm	00	Box of 12 pieces	1.250
LP 1163.06.000	150 mm	18.5 x 4.0 mm	000	Box of 12 pieces	1.250
LP 1163.06.1	150 mm	18.5 x 4.0 mm	1	Box of 12 pieces	1.250
LP 1163.06.2	150 mm	18.5 x 4.0 mm	2	Box of 12 pieces	1.250
LP 1163.06.3	150 mm	18.5 x 4.0 mm	3	Box of 12 pieces	1.250
LP 1163.06.4	150 mm	18.5 x 4.0 mm	4	Box of 12 pieces	1.250
LP 1163.06.5	150 mm	18.5 x 4.0 mm	5	Box of 12 pieces	1.250
LP 1163.06.6	150 mm	18.5 x 4.0 mm	6	Box of 12 pieces	1.250
LP 1163.07.0	175 mm	21.3 x 4.8 mm	0	Box of 12 pieces	1.550
LP 1163.07.00	175 mm	21.3 x 4.8 mm	00	Box of 12 pieces	1.550
LP 1163.07.2	175 mm	21.3 x 4.8 mm	2	Box of 12 pieces	1.550
LP 1163.08.0	200 mm	21.3 x 4.8 mm	0	Box of 12 pieces	2.100
LP 1163.08.00	200 mm	21.3 x 4.8 mm	00	Box of 12 pieces	2.100
LP 1163.08.000	200 mm	21.3 x 4.8 mm	000	Box of 12 pieces	2.100
LP 1163.08.1	200 mm	21.3 x 4.8 mm	1	Box of 12 pieces	2.100
LP 1163.08.2	200 mm	21.3 x 4.8 mm	2	Box of 12 pieces	2.100
LP 1163.08.3	200 mm	21.3 x 4.8 mm	3	Box of 12 pieces	2.100
LP 1163.08.4	200 mm	21.3 x 4.8 mm	4	Box of 12 pieces	2.100
LP 1163.08.6	200 mm	21.3 x 4.8 mm	6	Box of 12 pieces	2.100
LP 1163.10.0	250 mm	25.3 x 6.3 mm	0	Box of 12 pieces	3.700
LP 1163.10.00	250 mm	25.3 x 6.3 mm	00	Box of 12 pieces	3.700
LP 1163.10.000	250 mm	25.3 x 6.3 mm	000	Box of 12 pieces	3.700
LP 1163.10.1	250 mm	25.3 x 6.3 mm	1	Box of 12 pieces	3.700
LP 1163.10.2	250 mm	25.3 x 6.3 mm	2	Box of 12 pieces	3.700
LP 1163.10.3	250 mm	25.3 x 6.3 mm	3	Box of 12 pieces	3.700
LP 1163.10.4	250 mm	25.3 x 6.3 mm	4	Box of 12 pieces	3.700
LP 1163.12.0	300 mm	29.3 x 7.8 mm	0	Box of 12 pieces	6.500
LP 1163.12.00	300 mm	29.3 x 7.8 mm	00	Box of 12 pieces	6.500
LP 1163.12.000	300 mm	29.3 x 7.8 mm	000	Box of 12 pieces	6.500
LP 1163.12.1	300 mm	29.3 x 7.8 mm	1	Box of 12 pieces	6.500
LP 1163.12.2	300 mm	29.3 x 7.8 mm	2	Box of 12 pieces	6.500
LP 1163.12.3	300 mm	29.3 x 7.8 mm	3	Box of 12 pieces	6.500

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang



Hand checkering

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1166.06.0	150 mm	19.0 x 5.2 mm	0	Box of 12 pieces	1.300
LP 1166.06.00	150 mm	19.0 x 5.2 mm	00	Box of 12 pieces	1.300
LP 1166.06.1	150 mm	19.0 x 5.2 mm	1	Box of 12 pieces	1.300
LP 1166.06.2	150 mm	19.0 x 5.2 mm	2	Box of 12 pieces	1.300
LP 1166.08.0	200 mm	22.0 x 5.2 mm	0	Box of 12 pieces	2.300
LP 1166.08.00	200 mm	22.0 x 5.2 mm	00	Box of 12 pieces	2.300
LP 1166.08.1	200 mm	22.0 x 5.2 mm	1	Box of 12 pieces	2.300
LP 1166.08.2	200 mm	22.0 x 5.2 mm	2	Box of 12 pieces	2.300

Cuts coarse (000) to fine (8)



Thin hand

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1168.05.0	125 mm	14.5 x 1.7 mm	0	Box of 12 pieces	0.410
LP 1168.05.2	125 mm	14.5 x 1.7 mm	2	Box of 12 pieces	0.410
LP 1168.06.0	150 mm	16.5 x 2.0 mm	0	Box of 12 pieces	0.560
LP 1168.06.00	150 mm	16.5 x 2.0 mm	00	Box of 12 pieces	0.560
LP 1168.06.1	150 mm	16.5 x 2.0 mm	1	Box of 12 pieces	0.560
LP 1168.06.2	150 mm	16.5 x 2.0 mm	2	Box of 12 pieces	0.560
LP 1168.06.4	150 mm	16.5 x 2.0 mm	4	Box of 12 pieces	0.560

Cuts coarse (000) to fine (8)



Equalling

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1180.04.0.13	100 mm	10.0 x 1.3 ±0.1 mm	0	Box of 12 pieces	0.160
LP 1180.04.0.2	100 mm	10.0 x 2.0 ±0.1 mm	0	Box of 12 pieces	0.240
LP 1180.04.2.13	100 mm	10.0 x 1.3 ±0.1 mm	2	Box of 12 pieces	0.160
LP 1180.04.2.2	100 mm	10.0 x 2.0 ±0.1 mm	2	Box of 12 pieces	0.240
LP 1180.04.4.2	100 mm	10.0 x 2.0 ±0.1 mm	4	Box of 12 pieces	0.240
LP 1180.05.0.17	125 mm	12.0 x 1.7 ±0.1 mm	0	Box of 12 pieces	0.270
LP 1180.05.1.17	125 mm	12.0 x 1.7 ±0.1 mm	1	Box of 12 pieces	0.270

Cuts coarse (000) to fine (8)

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Equalling

N°	Length	A x B	Cut	Sales unit	Kg
LP 1180.05.2.17	125 mm	12.0 x 1.7 ±0.1 mm	2	Box of 12 pieces	0.270
LP 1180.05.4.17	125 mm	12.0 x 1.7 ±0.1 mm	4	Box of 12 pieces	0.270
LP 1180.06.0.2	150 mm	13.0 x 2.0 ±0.1 mm	0	Box of 12 pieces	0.440
LP 1180.06.0.28	150 mm	13.0 x 2.8 ±0.1 mm	0	Box of 12 pieces	0.620
LP 1180.06.00.2	150 mm	13.0 x 2.0 ±0.1 mm	00	Box of 12 pieces	0.440
LP 1180.06.00.28	150 mm	13.0 x 2.8 ±0.1 mm	00	Box of 12 pieces	0.620
LP 1180.06.1.2	150 mm	13.0 x 2.0 ±0.1 mm	1	Box of 12 pieces	0.440
LP 1180.06.2.2	150 mm	13.0 x 2.0 ±0.1 mm	2	Box of 12 pieces	0.440
LP 1180.06.2.28	150 mm	13.0 x 2.8 ±0.1 mm	2	Box of 12 pieces	0.620
LP 1180.06.4.2	150 mm	13.0 x 2.0 ±0.1 mm	4	Box of 12 pieces	0.440
LP 1180.06.4.28	150 mm	13.0 x 2.8 ±0.1 mm	4	Box of 12 pieces	0.620
LP 1180.08.0.32	200 mm	16.0 x 3.2 ±0.1 mm	0	Box of 12 pieces	1.000
LP 1180.08.00.32	200 mm	16.0 x 3.2 ±0.1 mm	00	Box of 12 pieces	1.000
LP 1180.08.1.32	200 mm	16.0 x 3.2 ±0.1 mm	1	Box of 12 pieces	1.000
LP 1180.08.2.32	200 mm	16.0 x 3.2 ±0.1 mm	2	Box of 12 pieces	1.000
LP 1180.08.4.32	200 mm	16.0 x 3.2 ±0.1 mm	4	Box of 12 pieces	1.000

Cuts coarse (000) to fine (8)

Equalling special thickness



A = working length, B = thickness.



N°	Length	A x B	Cut	Gauge	Sales unit	Kg
LP 1185.04.0-18	100 mm	10.0 x 1.22 +0/-0.08 mm	0	18	Box of 12 pieces	0.160
LP 1185.04.0-21	100 mm	10.0 x 0.81 +0/-0.08 mm	0	21	Box of 12 pieces	0.110
LP 1185.04.2-18	100 mm	10.0 x 1.22 +0/-0.08 mm	2	18	Box of 12 pieces	0.160
LP 1185.04.2-20	100 mm	10.0 x 0.91 +0/-0.08 mm	2	20	Box of 12 pieces	0.130
LP 1185.04.2-21	100 mm	10.0 x 0.81 +0/-0.08 mm	2	21	Box of 12 pieces	0.110
LP 1185.04.2-22	100 mm	10.0 x 0.71 +0/-0.08 mm	2	22	Box of 12 pieces	0.100
LP 1185.04.2-24	100 mm	10.0 x 0.56 +0/-0.07 mm	2	24	Box of 12 pieces	0.090
LP 1185.04.2-26	100 mm	10.0 x 0.46 +0/-0.07 mm	2	26	Box of 12 pieces	0.080
LP 1185.04.2-28	100 mm	10.0 x 0.38 +0/-0.08 mm	2	28	Box of 12 pieces	0.070
LP 1185.04.4-20	100 mm	10.0 x 0.91 +0/-0.08 mm	4	20	Box of 12 pieces	0.130
LP 1185.04.4-22	100 mm	10.0 x 0.71 +0/-0.08 mm	4	22	Box of 12 pieces	0.100

Cuts coarse (000) to fine (8)

Continued from previous page

Equalling special thickness

N°	Length	A x B	Cut	Gauge	Sales unit	Kg
LP 1185.04.4-24	100 mm	10.0 x 0.56 +0/-0.07 mm	4	24	Box of 12 pieces	0.090
LP 1185.04.4-26	100 mm	10.0 x 0.46 +0/-0.07 mm	4	26	Box of 12 pieces	0.080
LP 1185.04.4-28	100 mm	10.0 x 0.38 +0/-0.08 mm	4	28	Box of 12 pieces	0.070
LP 1185.06.0-14	150 mm	13.0 x 2.03 +0/-0.08 mm	0	14	Box of 12 pieces	0.450
LP 1185.06.0-16	150 mm	13.0 x 1.63 +0/-0.08 mm	0	16	Box of 12 pieces	0.370
LP 1185.06.0-18	150 mm	13.0 x 1.22 +0/-0.08 mm	0	18	Box of 12 pieces	0.290
LP 1185.06.2-14	150 mm	13.0 x 2.03 +0/-0.08 mm	2	14	Box of 12 pieces	0.450
LP 1185.06.2-16	150 mm	13.0 x 1.63 +0/-0.08 mm	2	16	Box of 12 pieces	0.370
LP 1185.06.2-18	150 mm	13.0 x 1.22 +0/-0.08 mm	2	18	Box of 12 pieces	0.290

Cuts coarse (000) to fine (8)



Crochet

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1230.035.0	90 mm	7.0 x 2.2 mm	0	Box of 12 pieces	0.160
LP 1230.035.2	90 mm	7.0 x 2.2 mm	2	Box of 12 pieces	0.160
LP 1230.04.0	100 mm	7.5 x 2.2 mm	0	Box of 12 pieces	0.170
LP 1230.04.00	100 mm	7.5 x 2.2 mm	00	Box of 12 pieces	0.170
LP 1230.04.2	100 mm	7.5 x 2.2 mm	2	Box of 12 pieces	0.170
LP 1230.06.0	150 mm	10.0 x 3.3 mm	0	Box of 12 pieces	0.490
LP 1230.06.00	150 mm	10.0 x 3.3 mm	00	Box of 12 pieces	0.490
LP 1230.06.2	150 mm	10.0 x 3.3 mm	2	Box of 12 pieces	0.490
LP 1230.08.0	200 mm	12.5 x 4.2 mm	0	Box of 12 pieces	0.940
LP 1230.08.00	200 mm	12.5 x 4.2 mm	00	Box of 12 pieces	0.940
LP 1230.08.2	200 mm	12.5 x 4.2 mm	2	Box of 12 pieces	0.940

Cuts coarse (000) to fine (8)

Warding



A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1263.04.0	100 mm	12.4 x 2.5 mm	0	Box of 12 pieces	0.240
LP 1263.04.00	100 mm	12.4 x 2.5 mm	00	Box of 12 pieces	0.240
LP 1263.04.2	100 mm	12.4 x 2.5 mm	2	Box of 12 pieces	0.240
LP 1263.04.4	100 mm	12.4 x 2.5 mm	4	Box of 12 pieces	0.240
LP 1263.06.0	150 mm	15.4 x 3.5 mm	0	Box of 12 pieces	0.600
LP 1263.06.00	150 mm	15.4 x 3.5 mm	00	Box of 12 pieces	0.600
LP 1263.06.2	150 mm	15.4 x 3.5 mm	2	Box of 12 pieces	0.600
LP 1263.06.4	150 mm	15.4 x 3.5 mm	4	Box of 12 pieces	0.600
LP 1263.08.0	200 mm	21.4 x 5.0 mm	0	Box of 12 pieces	1.580
LP 1263.08.00	200 mm	21.4 x 5.0 mm	00	Box of 12 pieces	1.580
LP 1263.08.000	200 mm	21.4 x 5.0 mm	000	Box of 12 pieces	1.580
LP 1263.08.2	200 mm	21.4 x 5.0 mm	2	Box of 12 pieces	1.580

Cuts coarse (000) to fine (8)

Warding special thickness



A = working length, B = thickness.



N°	Length	A x B	Cut	Gauge	Sales unit	Kg
LP 1265.03.0-23	75 mm	9.0 x 0.61+0/-0.07 mm	0	23	Box of 12 pieces	0.060
LP 1265.04.0-21	100 mm	12.4 x 0.81+0/-0.08 mm	0	21	Box of 12 pieces	0.110
LP 1265.06.0-16	150 mm	15.4 x 1.65 +0/-0.08 mm	0	16	Box of 12 pieces	0.310
LP 1265.06.0-18	150 mm	15.4 x 1.25 +0/-0.08 mm	0	18	Box of 12 pieces	0.240
LP 1265.06.0-19	150 mm	15.4 x 1.02 +0/-0.08 mm	0	19	Box of 12 pieces	0.200
LP 1265.06.2-18	150 mm	15.4 x 1.25 +0/-0.08 mm	2	18	Box of 12 pieces	0.240
LP 1265.06.2-19	150 mm	15.4 x 1.02 +0/-0.08 mm	2	19	Box of 12 pieces	0.200
LP 1265.06.2-21	150 mm	15.4 x 0.81 +0/-0.08 mm	2	21	Box of 12 pieces	0.170

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang



Warding thin

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1268.03.0	75 mm	9.0 x 0.6 mm	0	Box of 12 pieces	0.070
LP 1268.03.2	75 mm	9.0 x 0.6 mm	2	Box of 12 pieces	0.070
LP 1268.04.0	100 mm	12.4 x 1.0 mm	0	Box of 12 pieces	0.150
LP 1268.04.00	100 mm	12.4 x 1.0 mm	00	Box of 12 pieces	0.150
LP 1268.04.2	100 mm	12.4 x 1.0 mm	2	Box of 12 pieces	0.150
LP 1268.04.4	100 mm	12.4 x 1.0 mm	4	Box of 12 pieces	0.150
LP 1268.05.0	125 mm	14.0 x 1.3 mm	0	Box of 12 pieces	0.250
LP 1268.06.0	150 mm	15.4 x 1.7 mm	0	Box of 12 pieces	0.370
LP 1268.06.00	150 mm	15.4 x 1.7 mm	00	Box of 12 pieces	0.370
LP 1268.06.000	150 mm	15.4 x 1.7 mm	000	Box of 12 pieces	0.370
LP 1268.06.2	150 mm	15.4 x 1.7 mm	2	Box of 12 pieces	0.370
LP 1268.06.4	150 mm	15.4 x 1.7 mm	4	Box of 12 pieces	0.370
LP 1268.08.0	200 mm	21.4 x 2.6 mm	0	Box of 12 pieces	0.980
LP 1268.08.00	200 mm	21.4 x 2.6 mm	00	Box of 12 pieces	0.980
LP 1268.08.000	200 mm	21.4 x 2.6 mm	000	Box of 12 pieces	0.980
LP 1268.08.2	200 mm	21.4 x 2.6 mm	2	Box of 12 pieces	0.980

Cuts coarse (000) to fine (8)



Three square



N°	Length	A	Cut	Sales unit	Kg
LP 1360.04.0	100 mm	7.5 mm	0	Box of 12 pieces	0.220
LP 1360.04.00	100 mm	7.5 mm	00	Box of 12 pieces	0.220
LP 1360.04.1	100 mm	7.5 mm	1	Box of 12 pieces	0.220
LP 1360.04.2	100 mm	7.5 mm	2	Box of 12 pieces	0.220
LP 1360.04.4	100 mm	7.5 mm	4	Box of 12 pieces	0.220
LP 1360.05.0	125 mm	8.3 mm	0	Box of 12 pieces	0.430
LP 1360.05.00	125 mm	8.3 mm	00	Box of 12 pieces	0.430
LP 1360.05.1	125 mm	8.3 mm	1	Box of 12 pieces	0.430
LP 1360.05.2	125 mm	8.3 mm	2	Box of 12 pieces	0.430
LP 1360.05.3	125 mm	8.3 mm	3	Box of 12 pieces	0.430
LP 1360.05.4	125 mm	8.3 mm	4	Box of 12 pieces	0.430
LP 1360.06.0	150 mm	10.3 mm	0	Box of 12 pieces	0.670
LP 1360.06.00	150 mm	10.3 mm	00	Box of 12 pieces	0.670
LP 1360.06.000	150 mm	10.3 mm	000	Box of 12 pieces	0.670
LP 1360.06.1	150 mm	10.3 mm	1	Box of 12 pieces	0.670

Cuts coarse (000) to fine (8)

Continued from previous page

Three square

N°	Length	A	Cut	Sales unit	Kg
LP 1360.06.2	150 mm	10.3 mm	2	Box of 12 pieces	0.670
LP 1360.06.3	150 mm	10.3 mm	3	Box of 12 pieces	0.670
LP 1360.06.4	150 mm	10.3 mm	4	Box of 12 pieces	0.670
LP 1360.06.6	150 mm	10.3 mm	6	Box of 12 pieces	0.670
LP 1360.07.0	175 mm	12.2 mm	0	Box of 12 pieces	1.060
LP 1360.07.2	175 mm	12.2 mm	2	Box of 12 pieces	1.060
LP 1360.07.4	175 mm	12.2 mm	4	Box of 12 pieces	1.060
LP 1360.08.0	200 mm	14.2 mm	0	Box of 12 pieces	1.470
LP 1360.08.00	200 mm	14.2 mm	00	Box of 12 pieces	1.470
LP 1360.08.000	200 mm	14.2 mm	000	Box of 12 pieces	1.470
LP 1360.08.1	200 mm	14.2 mm	1	Box of 12 pieces	1.470
LP 1360.08.2	200 mm	14.2 mm	2	Box of 12 pieces	1.470
LP 1360.08.3	200 mm	14.2 mm	3	Box of 12 pieces	1.470
LP 1360.08.4	200 mm	14.2 mm	4	Box of 12 pieces	1.470
LP 1360.10.0	250 mm	17.2 mm	0	Box of 12 pieces	2.600
LP 1360.10.00	250 mm	17.2 mm	00	Box of 12 pieces	2.600
LP 1360.10.000	250 mm	17.2 mm	000	Box of 12 pieces	2.600
LP 1360.10.1	250 mm	17.2 mm	1	Box of 12 pieces	2.600
LP 1360.10.2	250 mm	17.2 mm	2	Box of 12 pieces	2.600
LP 1360.12.0	300 mm	20.2 mm	0	Box of 12 pieces	4.390
LP 1360.12.00	300 mm	20.2 mm	00	Box of 12 pieces	4.390

Cuts coarse (000) to fine (8)

Three square narrow



N°	Length	A	Cut	Sales unit	Kg
LP 1366.04.0	100 mm	5.8 mm	0	Box of 12 pieces	0.130
LP 1366.04.2	100 mm	5.8 mm	2	Box of 12 pieces	0.130
LP 1366.05.0	125 mm	6.7 mm	0	Box of 12 pieces	0.250
LP 1366.05.2	125 mm	6.7 mm	2	Box of 12 pieces	0.250
LP 1366.06.0	150 mm	8.3 mm	0	Box of 12 pieces	0.480
LP 1366.06.00	150 mm	8.3 mm	00	Box of 12 pieces	0.480
LP 1366.06.1	150 mm	8.3 mm	1	Box of 12 pieces	0.480
LP 1366.06.2	150 mm	8.3 mm	2	Box of 12 pieces	0.480
LP 1366.06.3	150 mm	8.3 mm	3	Box of 12 pieces	0.480
LP 1366.08.0	200 mm	10.3 mm	0	Box of 12 pieces	0.910
LP 1366.08.000	200 mm	10.3 mm	000	Box of 12 pieces	0.910
LP 1366.08.1	200 mm	10.3 mm	1	Box of 12 pieces	0.910

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang

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Three square narrow

N°	Length	A	Cut	Sales unit	Kg
LP 1366.08.2	200 mm	10.3 mm	2	Box of 12 pieces	0.910

Cuts coarse (000) to fine (8)



Three square extra narrow



N°	Length	A	Cut	Sales unit	Kg
LP 1367.04.0	100 mm	4.8 mm	0	Box of 12 pieces	0.090
LP 1367.04.2	100 mm	4.8 mm	2	Box of 12 pieces	0.090
LP 1367.06.0	150 mm	7.5 mm	0	Box of 12 pieces	0.380
LP 1367.06.00	150 mm	7.5 mm	00	Box of 12 pieces	0.380
LP 1367.06.1	150 mm	7.5 mm	1	Box of 12 pieces	0.380
LP 1367.06.2	150 mm	7.5 mm	2	Box of 12 pieces	0.380

Cuts coarse (000) to fine (8)



Square pointed



N°	Length	A	Cut	Sales unit	Kg
LP 1464.035.0	90 mm	2.5 mm	0	Box of 12 pieces	0.080
LP 1464.035.2	90 mm	2.5 mm	2	Box of 12 pieces	0.080
LP 1464.04.1	100 mm	3.6 mm	1	Box of 12 pieces	0.140
LP 1464.04.2	100 mm	3.6 mm	2	Box of 12 pieces	0.140
LP 1464.04.4	100 mm	3.6 mm	4	Box of 12 pieces	0.140
LP 1464.05.1	125 mm	4.5 mm	1	Box of 12 pieces	0.270
LP 1464.05.2	125 mm	4.5 mm	2	Box of 12 pieces	0.270
LP 1464.05.3	125 mm	4.5 mm	3	Box of 12 pieces	0.270
LP 1464.06.1	150 mm	5.5 mm	1	Box of 12 pieces	0.440
LP 1464.06.2	150 mm	5.5 mm	2	Box of 12 pieces	0.440
LP 1464.06.3	150 mm	5.5 mm	3	Box of 12 pieces	0.440
LP 1464.06.4	150 mm	5.5 mm	4	Box of 12 pieces	0.440
LP 1464.08.1	200 mm	7.5 mm	1	Box of 12 pieces	1.000
LP 1464.08.2	200 mm	7.5 mm	2	Box of 12 pieces	1.000
LP 1464.08.4	200 mm	7.5 mm	4	Box of 12 pieces	1.000

Cuts coarse (000) to fine (8)

Square seconds hole



N°	Length	A	Cut	Sales unit	Kg
LP 1480.02.3	50 mm	1.0 mm	3	Box of 12 pieces	0.030
LP 1480.02.4	50 mm	1.0 mm	4	Box of 12 pieces	0.030
LP 1480.02.6	50 mm	1.0 mm	6	Box of 12 pieces	0.030
LP 1480.025.4	53 mm	1.5 mm	4	Box of 12 pieces	0.030

Cuts coarse (000) to fine (8)

Halfround



A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1560.03.0	75 mm	8.1 x 2.6 mm	0	Box of 12 pieces	0.150
LP 1560.03.00	75 mm	8.1 x 2.6 mm	00	Box of 12 pieces	0.150
LP 1560.03.2	75 mm	8.1 x 2.6 mm	2	Box of 12 pieces	0.150
LP 1560.04.0	100 mm	12.7 x 3.5 mm	0	Box of 12 pieces	0.300
LP 1560.04.00	100 mm	12.7 x 3.5 mm	00	Box of 12 pieces	0.300
LP 1560.04.1	100 mm	12.7 x 3.5 mm	1	Box of 12 pieces	0.300
LP 1560.04.2	100 mm	12.7 x 3.5 mm	2	Box of 12 pieces	0.300
LP 1560.04.3	100 mm	12.7 x 3.5 mm	3	Box of 12 pieces	0.300
LP 1560.04.4	100 mm	12.7 x 3.5 mm	4	Box of 12 pieces	0.300
LP 1560.04.5	100 mm	12.7 x 3.5 mm	5	Box of 12 pieces	0.300
LP 1560.04.6	100 mm	12.7 x 3.5 mm	6	Box of 12 pieces	0.300
LP 1560.05.0	125 mm	13.1 x 4.1 mm	0	Box of 12 pieces	0.490
LP 1560.05.00	125 mm	13.1 x 4.1 mm	00	Box of 12 pieces	0.490
LP 1560.05.1	125 mm	13.1 x 4.1 mm	1	Box of 12 pieces	0.490
LP 1560.05.2	125 mm	13.1 x 4.1 mm	2	Box of 12 pieces	0.490
LP 1560.05.3	125 mm	13.1 x 4.1 mm	3	Box of 12 pieces	0.490
LP 1560.05.4	125 mm	13.1 x 4.1 mm	4	Box of 12 pieces	0.490
LP 1560.05.5	125 mm	13.1 x 4.1 mm	5	Box of 12 pieces	0.490
LP 1560.05.6	125 mm	13.1 x 4.1 mm	6	Box of 12 pieces	0.490
LP 1560.06.0	150 mm	15.1 x 4.7 mm	0	Box of 12 pieces	0.770
LP 1560.06.00	150 mm	15.1 x 4.7 mm	00	Box of 12 pieces	0.770
LP 1560.06.000	150 mm	15.1 x 4.7 mm	000	Box of 12 pieces	0.770
LP 1560.06.1	150 mm	15.1 x 4.7 mm	1	Box of 12 pieces	0.770
LP 1560.06.2	150 mm	15.1 x 4.7 mm	2	Box of 12 pieces	0.770
LP 1560.06.3	150 mm	15.1 x 4.7 mm	3	Box of 12 pieces	0.770
LP 1560.06.4	150 mm	15.1 x 4.7 mm	4	Box of 12 pieces	0.770
LP 1560.06.5	150 mm	15.1 x 4.7 mm	5	Box of 12 pieces	0.770

Cuts coarse (000) to fine (8)

Continued from previous page

Halfround

N°	Length	A x B	Cut	Sales unit	Kg
LP 1560.06.6	150 mm	15.1 x 4.7 mm	6	Box of 12 pieces	0.770
LP 1560.07.0	175 mm	18.4 x 5.2 mm	0	Box of 12 pieces	1.030
LP 1560.07.2	175 mm	18.4 x 5.2 mm	2	Box of 12 pieces	1.030
LP 1560.07.3	175 mm	18.4 x 5.2 mm	3	Box of 12 pieces	1.030
LP 1560.08.0	200 mm	21.1 x 6.3 mm	0	Box of 12 pieces	1.720
LP 1560.08.00	200 mm	21.1 x 6.3 mm	00	Box of 12 pieces	1.720
LP 1560.08.000	200 mm	21.1 x 6.3 mm	000	Box of 12 pieces	1.720
LP 1560.08.1	200 mm	21.1 x 6.3 mm	1	Box of 12 pieces	1.720
LP 1560.08.2	200 mm	21.1 x 6.3 mm	2	Box of 12 pieces	1.720
LP 1560.08.3	200 mm	21.1 x 6.3 mm	3	Box of 12 pieces	1.720
LP 1560.08.4	200 mm	21.1 x 6.3 mm	4	Box of 12 pieces	1.720
LP 1560.10.0	250 mm	25.5 x 7.5 mm	0	Box of 12 pieces	3.020
LP 1560.10.00	250 mm	25.5 x 7.5 mm	00	Box of 12 pieces	3.020
LP 1560.10.000	250 mm	25.5 x 7.5 mm	000	Box of 12 pieces	3.020
LP 1560.10.1	250 mm	25.5 x 7.5 mm	1	Box of 12 pieces	3.020
LP 1560.10.2	250 mm	25.5 x 7.5 mm	2	Box of 12 pieces	3.020
LP 1560.12.0	300 mm	27.4 x 8.5 mm	0	Box of 12 pieces	4.500
LP 1560.12.00	300 mm	27.4 x 8.5 mm	00	Box of 12 pieces	4.500

Cuts coarse (000) to fine (8)

04



Halfround slim or ring file

A = working length, B = thickness.

N°	Length	A x B	Cut	Sales unit	Kg
LP 1566.06.0	150 mm	12.7 x 3.5 mm	0	Box of 12 pieces	0.520
LP 1566.06.00	150 mm	12.7 x 3.5 mm	00	Box of 12 pieces	0.520
LP 1566.06.1	150 mm	12.7 x 3.5 mm	1	Box of 12 pieces	0.520
LP 1566.06.2	150 mm	12.7 x 3.5 mm	2	Box of 12 pieces	0.520
LP 1566.06.3	150 mm	12.7 x 3.5 mm	3	Box of 12 pieces	0.520
LP 1566.06.4	150 mm	12.7 x 3.5 mm	4	Box of 12 pieces	0.520
LP 1566.06.6	150 mm	12.7 x 3.5 mm	6	Box of 12 pieces	0.520
LP 1566.08.0	200 mm	15.5 x 4.5 mm	0	Box of 12 pieces	0.520
LP 1566.08.000	200 mm	15.5 x 4.5 mm	000	Box of 12 pieces	0.520
LP 1566.08.1	200 mm	15.5 x 4.5 mm	1	Box of 12 pieces	0.520
LP 1566.10.0	250 mm	15.5 x 4.5 mm	0	Box of 12 pieces	0.520
LP 1566.10.00	250 mm	15.5 x 4.5 mm	00	Box of 12 pieces	0.520
LP 1566.10.2	250 mm	15.5 x 4.5 mm	2	Box of 12 pieces	0.520

Cuts coarse (000) to fine (8)

Halfround extra narrow

A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1567.06.0	150 mm	9.8 x 2.8 mm	0	Box of 12 pieces	0.340
LP 1567.06.2	150 mm	9.8 x 2.8 mm	2	Box of 12 pieces	0.340
LP 1567.06.4	150 mm	9.8 x 2.8 mm	4	Box of 12 pieces	0.340

Cuts coarse (000) to fine (8)

Round pointed

N°	Length	Ø	Cut	Sales unit	Kg
LP 1660.03.0	75 mm	3 mm	0	Box of 12 pieces	0.060
LP 1660.03.1	75 mm	3 mm	1	Box of 12 pieces	0.060
LP 1660.03.2	75 mm	3 mm	2	Box of 12 pieces	0.060
LP 1660.04.1	100 mm	4 mm	1	Box of 12 pieces	0.110
LP 1660.04.2	100 mm	4 mm	2	Box of 12 pieces	0.110
LP 1660.04.3	100 mm	4 mm	3	Box of 12 pieces	0.110
LP 1660.04.4	100 mm	4 mm	4	Box of 12 pieces	0.110
LP 1660.05.1	125 mm	5 mm	1	Box of 12 pieces	0.220
LP 1660.05.2	125 mm	5 mm	2	Box of 12 pieces	0.220
LP 1660.05.3	125 mm	5 mm	3	Box of 12 pieces	0.220
LP 1660.06.1	150 mm	6 mm	1	Box of 12 pieces	0.400
LP 1660.06.2	150 mm	6 mm	2	Box of 12 pieces	0.400
LP 1660.06.3	150 mm	6 mm	3	Box of 12 pieces	0.400
LP 1660.06.4	150 mm	6 mm	4	Box of 12 pieces	0.400
LP 1660.06.6	150 mm	6 mm	6	Box of 12 pieces	0.400
LP 1660.08.1	200 mm	8 mm	1	Box of 12 pieces	0.840
LP 1660.08.2	200 mm	8 mm	2	Box of 12 pieces	0.840
LP 1660.08.3	200 mm	8 mm	3	Box of 12 pieces	0.840
LP 1660.08.4	200 mm	8 mm	4	Box of 12 pieces	0.840
LP 1660.10.2	250 mm	10 mm	2	Box of 12 pieces	1.550

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang



Round slim pointed



N°	Length	Ø	Cut	Sales unit	Kg
LP 1666.03.2	75 mm	3 mm	2	Box of 12 pieces	0.040
LP 1666.03.4	75 mm	3 mm	4	Box of 12 pieces	0.040
LP 1666.04.2	100 mm	4 mm	2	Box of 12 pieces	0.070
LP 1666.06.1	150 mm	6 mm	1	Box of 12 pieces	0.260
LP 1666.06.2	150 mm	6 mm	2	Box of 12 pieces	0.260

Cuts coarse (000) to fine (8)



Round extra slim



N°	Length	Ø	Cut	Sales unit	Kg
LP 1667.03.1	75 mm	3 mm	1	Box of 12 pieces	0.040
LP 1667.03.2	75 mm	3 mm	2	Box of 12 pieces	0.040
LP 1667.04.2	100 mm	4 mm	2	Box of 12 pieces	0.070
LP 1667.04.4	100 mm	4 mm	4	Box of 12 pieces	0.070
LP 1667.06.0	150 mm	6 mm	0	Box of 12 pieces	0.260
LP 1667.06.2	150 mm	6 mm	2	Box of 12 pieces	0.260

Cuts coarse (000) to fine (8)



Round parallel



N°	Length	Ø	Cut	Sales unit	Kg
LP 1669.04.0-1.6	100 mm	1.6 mm	0	Box of 12 pieces	0.040
LP 1669.04.0-3	100 mm	3 mm	0	Box of 12 pieces	0.080
LP 1669.04.2-1.6	100 mm	1.6 mm	2	Box of 12 pieces	0.040
LP 1669.04.2-3	100 mm	3 mm	2	Box of 12 pieces	0.080
LP 1669.06.00-2.4	150 mm	2.4 mm	00	Box of 12 pieces	0.090
LP 1669.06.00-4	150 mm	4 mm	00	Box of 12 pieces	0.230
LP 1669.06.00-4.8	150 mm	4.8 mm	00	Box of 12 pieces	0.330
LP 1669.06.0-2.4	150 mm	2.4 mm	0	Box of 12 pieces	0.090
LP 1669.06.0-2.8	150 mm	2.8 mm	0	Box of 12 pieces	0.090
LP 1669.06.0-3.2	150 mm	3.2 mm	0	Box of 12 pieces	0.120
LP 1669.06.0-4	150 mm	4 mm	0	Box of 12 pieces	0.230

Cuts coarse (000) to fine (8)

Continued from previous page

Round parallel

N°	Length	Ø	Cut	Sales unit	Kg
LP 1669.06.0-4.8	150 mm	4.8 mm	0	Box of 12 pieces	0.330
LP 1669.06.2-2.4	150 mm	2.4 mm	2	Box of 12 pieces	0.090
LP 1669.06.2-3.2	150 mm	3.2 mm	2	Box of 12 pieces	0.120
LP 1669.06.2-4	150 mm	4 mm	2	Box of 12 pieces	0.230
LP 1669.06.2-4.8	150 mm	4.8 mm	2	Box of 12 pieces	0.330

Cuts coarse (000) to fine (8)

Round seconds hole



N°	Length	Ø	Cut	Sales unit	Kg
LP 1680.15.2	38 mm	1.0 mm	2	Box of 12 pieces	0.010
LP 1680.15.4	38 mm	1.0 mm	4	Box of 12 pieces	0.010
LP 1680.20.2	50 mm	1.0 mm	2	Box of 12 pieces	0.020
LP 1680.20.4	50 mm	1.0 mm	4	Box of 12 pieces	0.020
LP 1680.20.5	50 mm	1.0 mm	5	Box of 12 pieces	0.020
LP 1680.25.2	63 mm	1.6 mm	2	Box of 12 pieces	0.030
LP 1680.25.4	63 mm	1.6 mm	4	Box of 12 pieces	0.030

Cuts coarse (000) to fine (8)

Pippin



A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1730.035.0	90 mm	6.3 x 2.4 mm	0	Box of 12 pieces	0.130
LP 1730.035.2	90 mm	6.3 x 2.4 mm	2	Box of 12 pieces	0.130
LP 1730.04.2	100 mm	7.0 x 3.0 mm	2	Box of 12 pieces	0.200
LP 1730.06.0	150 mm	10.0 x 4.4 mm	0	Box of 12 pieces	0.440
LP 1730.06.2	150 mm	10.0 x 4.4 mm	2	Box of 12 pieces	0.440
LP 1730.06.4	150 mm	10.0 x 4.4 mm	4	Box of 12 pieces	0.440
LP 1730.08.0	200 mm	11.5 x 4.4 mm	0	Box of 12 pieces	0.890
LP 1730.08.2	200 mm	11.5 x 4.4 mm	2	Box of 12 pieces	0.890

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Precision files with tang



Knife



N°	Length	A x B	Cut	Sales unit	Kg
LP 1760.04.0	100 mm	12.4 x 2.8 mm	0	Box of 12 pieces	0.210
LP 1760.04.00	100 mm	12.4 x 2.8 mm	00	Box of 12 pieces	0.210
LP 1760.04.1	100 mm	12.4 x 2.8 mm	1	Box of 12 pieces	0.210
LP 1760.04.2	100 mm	12.4 x 2.8 mm	2	Box of 12 pieces	0.210
LP 1760.04.3	100 mm	12.4 x 2.8 mm	3	Box of 12 pieces	0.210
LP 1760.04.4	100 mm	12.4 x 2.8 mm	4	Box of 12 pieces	0.210
LP 1760.06.0	150 mm	17.9 x 3.5 mm	0	Box of 12 pieces	0.530
LP 1760.06.00	150 mm	17.9 x 3.5 mm	00	Box of 12 pieces	0.530
LP 1760.06.1	150 mm	17.9 x 3.5 mm	1	Box of 12 pieces	0.530
LP 1760.06.2	150 mm	17.9 x 3.5 mm	2	Box of 12 pieces	0.530
LP 1760.06.3	150 mm	17.9 x 3.5 mm	3	Box of 12 pieces	0.530
LP 1760.06.4	150 mm	17.9 x 3.5 mm	4	Box of 12 pieces	0.530
LP 1760.08.0	200 mm	22.0 x 4.2 mm	0	Box of 12 pieces	1.070
LP 1760.08.00	200 mm	22.0 x 4.2 mm	00	Box of 12 pieces	1.070
LP 1760.08.1	200 mm	22.0 x 4.2 mm	1	Box of 12 pieces	1.070
LP 1760.08.2	200 mm	22.0 x 4.2 mm	2	Box of 12 pieces	1.070

Cuts coarse (000) to fine (8)

04



Screwhead with tang



N°	Length	A	Cut	Sales unit
LP 1840.03.1	75 mm	9 mm	1	Box of 12 pieces
LP 1840.03.2	75 mm	9 mm	2	Box of 12 pieces
LP 1840.03.3	75 mm	9 mm	3	Box of 12 pieces
LP 1840.03.4	75 mm	9 mm	4	Box of 12 pieces
LP 1840.03.6	75 mm	9 mm	6	Box of 12 pieces
LP 1840.03.8	75 mm	9 mm	8	Box of 12 pieces
LP 1840.04.00	100 mm	11 mm	00	Box of 12 pieces
LP 1840.04.1	100 mm	11 mm	1	Box of 12 pieces
LP 1840.04.2	100 mm	11 mm	2	Box of 12 pieces
LP 1840.04.3	100 mm	11 mm	3	Box of 12 pieces
LP 1840.04.4	100 mm	11 mm	4	Box of 12 pieces

Cuts coarse (000) to fine (8)

Screwhead with tang



N°	Length	A	Cut	Sales unit
LP 1850.03.2	75 mm	9 mm	2	Box of 12 pieces
LP 1850.03.3	75 mm	9 mm	3	Box of 12 pieces
LP 1850.03.4	75 mm	9 mm	4	Box of 12 pieces
LP 1850.03.5	75 mm	9 mm	5	Box of 12 pieces
LP 1850.03.6	75 mm	9 mm	6	Box of 12 pieces
LP 1850.03.8	75 mm	9 mm	8	Box of 12 pieces

Cuts coarse (000) to fine (8)

Screwhead clock



N°	Length	A x B	Cut	Sales unit	Kg
LP 1860.06.0	150 mm	15.0 x 3.3 mm	0	Box of 12 pieces	0.530
LP 1860.06.2	150 mm	15.0 x 3.3 mm	2	Box of 12 pieces	0.530

Cuts coarse (000) to fine (8)

Crossing



A = working length, B = thickness.



N°	Length	A x B	Cut	Sales unit	Kg
LP 1960.035.0	90 mm	10.2 x 2.9 mm	0	Box of 12 pieces	0.230
LP 1960.035.2	90 mm	10.2 x 2.9 mm	2	Box of 12 pieces	0.230
LP 1960.035.4	90 mm	10.2 x 2.9 mm	4	Box of 12 pieces	0.230
LP 1960.035.5	90 mm	10.2 x 2.9 mm	5	Box of 12 pieces	0.230
LP 1960.035.6	90 mm	10.2 x 2.9 mm	6	Box of 12 pieces	0.230
LP 1960.04.0	100 mm	11.9 x 3.6 mm	0	Box of 12 pieces	0.300
LP 1960.04.2	100 mm	11.9 x 3.6 mm	2	Box of 12 pieces	0.300
LP 1960.04.4	100 mm	11.9 x 3.6 mm	4	Box of 12 pieces	0.300
LP 1960.05.0	125 mm	13.5 x 4.1 mm	0	Box of 12 pieces	0.490
LP 1960.05.2	125 mm	13.5 x 4.1 mm	2	Box of 12 pieces	0.490
LP 1960.05.3	125 mm	13.5 x 4.1 mm	3	Box of 12 pieces	0.490
LP 1960.06.0	150 mm	14.8 x 5.0 mm	0	Box of 12 pieces	0.770
LP 1960.06.00	150 mm	14.8 x 5.0 mm	00	Box of 12 pieces	0.770
LP 1960.06.1	150 mm	14.8 x 5.0 mm	1	Box of 12 pieces	0.770
LP 1960.06.2	150 mm	14.8 x 5.0 mm	2	Box of 12 pieces	0.770

Cuts coarse (000) to fine (8)

Continued from previous page

Crossing

N°	Length	A x B	Cut	Sales unit	Kg
LP 1960.06.3	150 mm	14.8 x 5.0 mm	3	Box of 12 pieces	0.770
LP 1960.06.4	150 mm	14.8 x 5.0 mm	4	Box of 12 pieces	0.770
LP 1960.06.6	150 mm	14.8 x 5.0 mm	6	Box of 12 pieces	0.770
LP 1960.08.0	200 mm	21.3 x 6.3 mm	0	Box of 12 pieces	1.720
LP 1960.08.00	200 mm	21.3 x 6.3 mm	00	Box of 12 pieces	1.720
LP 1960.08.1	200 mm	21.3 x 6.3 mm	1	Box of 12 pieces	1.720
LP 1960.08.2	200 mm	21.3 x 6.3 mm	2	Box of 12 pieces	1.720
LP 1960.08.3	200 mm	21.3 x 6.3 mm	3	Box of 12 pieces	1.720
LP 1960.10.0	250 mm	25.3 x 7.8 mm	0	Box of 12 pieces	3.020
LP 1960.10.00	250 mm	25.3 x 7.8 mm	00	Box of 12 pieces	3.020
LP 1960.10.2	250 mm	25.3 x 7.8 mm	2	Box of 12 pieces	3.020
LP 1960.10.3	250 mm	25.3 x 7.8 mm	3	Box of 12 pieces	3.020

Cuts coarse (000) to fine (8)



Double ended pivot left



N°	Length	A x B	Cut	Sales unit	Kg
LP 3211	180 mm	6.0 x 3.0 mm	-1	Box of 12 pieces	46.600
LP 3215	180 mm	4.5 x 2.0 mm	-1	Box of 12 pieces	46.200

Cuts coarse (000) to fine (8)



Double ended pivot right



N°	Length	A x B	Cut	Sales unit	Kg
LP 3212	180 mm	6.0 x 3.0 mm	-1	Box of 12 pieces	46.600
LP 3216	180 mm	4.2 x 2.0 mm	-1	Box of 12 pieces	46.200

Cuts coarse (000) to fine (8)

Pillar



N°	Length	A x B	Cut	Sales unit	Kg
LH 2601.215.00	215 mm	10.0 x 2.6 mm	00	Box of 12 pieces	0.552
LH 2601.215.1	215 mm	10.0 x 2.6 mm	1	Box of 12 pieces	0.552

Cuts coarse (000) to fine (8)

Halfround



N°	Length	A x B	Cut	Sales unit	Kg
LH 2602.215.00	215 mm	12.2 x 3.4 mm	00	Box of 12 pieces	0.552
LH 2602.215.1	215 mm	12.2 x 3.4 mm	1	Box of 12 pieces	0.552

Cuts coarse (000) to fine (8)

Three-square



N°	Length	A	Cut	Sales unit	Kg
LH 2607.215.00	215 mm	9.4 mm	00	Box of 12 pieces	0.600
LH 2607.215.1	215 mm	9.4 mm	1	Box of 12 pieces	0.600

Cuts coarse (000) to fine (8)

Square



N°	Length	A	Cut	Sales unit	Kg
LH 2608.215.00	215 mm	5.8 mm	00	Box of 12 pieces	0.528
LH 2608.215.1	215 mm	5.8 mm	1	Box of 12 pieces	0.528

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Habilis files



Round



N°	Length	Ø	Cut	Sales unit	Kg
LH 2610.215.00	215 mm	6.5 mm	00	Box of 12 pieces	0.552
LH 2610.215.1	215 mm	6.5 mm	1	Box of 12 pieces	0.552

Cuts coarse (000) to fine (8)



Halfround for jewellers

A = working length, B = thickness.



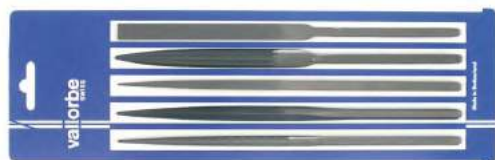
N°	Length	A x B	Cut	Sales unit	Kg
LH 9602.0	115 mm	12.0 x 3.3 mm	0	Box of 12 pieces	0.560

Cuts coarse (000) to fine (8)



Set of 5 files

Composed of LH 2601, LH 2602, LH 2607, LH 2608, LH 2610



N°	Length	Cut	Kg
LH 2627.215.00	215 mm	00	0.233
LH 2627.215.1	215 mm	1	0.233

Cuts coarse (000) to fine (8)



Rifflers 150 mm

- Cuts: 16 to 56 teeth/cm
- Made from chrome steel
- Hardness of 66 HRc
- Certified product quality as to ISO 9001 / EN 29001



LR12900

N°	Length	Cut	Sales unit	Kg
LR 12900.0	150 mm	0	Box of 12 pieces	0.150
LR 12900.2	150 mm	2	Box of 12 pieces	0.150
LR 12900.4	150 mm	4	Box of 12 pieces	0.150
LR 12901.0	150 mm	0	Box of 12 pieces	0.150
LR 12901.2	150 mm	2	Box of 12 pieces	0.150
LR 12901.4	150 mm	4	Box of 12 pieces	0.150
LR 12902.0	150 mm	0	Box of 12 pieces	0.150
LR 12902.2	150 mm	2	Box of 12 pieces	0.150
LR 12902.4	150 mm	4	Box of 12 pieces	0.150
LR 12905.0	150 mm	0	Box of 12 pieces	0.150
LR 12905.2	150 mm	2	Box of 12 pieces	0.150
LR 12905.4	150 mm	4	Box of 12 pieces	0.150
LR 12910.0	150 mm	0	Box of 12 pieces	0.150
LR 12910.2	150 mm	2	Box of 12 pieces	0.150
LR 12910.4	150 mm	4	Box of 12 pieces	0.150
LR 12911.0	150 mm	0	Box of 12 pieces	0.150
LR 12911.2	150 mm	2	Box of 12 pieces	0.150
LR 12911.4	150 mm	4	Box of 12 pieces	0.150
LR 12912.0	150 mm	0	Box of 12 pieces	0.150
LR 12912.2	150 mm	2	Box of 12 pieces	0.150
LR 12912.4	150 mm	4	Box of 12 pieces	0.150
LR 12913.0	150 mm	0	Box of 12 pieces	0.150
LR 12913.2	150 mm	2	Box of 12 pieces	0.150
LR 12913.4	150 mm	4	Box of 12 pieces	0.150
LR 12914.0	150 mm	0	Box of 12 pieces	0.150
LR 12914.2	150 mm	2	Box of 12 pieces	0.150
LR 12914.4	150 mm	4	Box of 12 pieces	0.150
LR 12915.0	150 mm	0	Box of 12 pieces	0.150
LR 12915.2	150 mm	2	Box of 12 pieces	0.150
LR 12915.4	150 mm	4	Box of 12 pieces	0.150
LR 12916.0	150 mm	0	Box of 12 pieces	0.150
LR 12916.2	150 mm	2	Box of 12 pieces	0.150
LR 12916.4	150 mm	4	Box of 12 pieces	0.150
LR 12917.0	150 mm	0	Box of 12 pieces	0.150
LR 12917.2	150 mm	2	Box of 12 pieces	0.150
LR 12917.4	150 mm	4	Box of 12 pieces	0.150
LR 12918.0	150 mm	0	Box of 12 pieces	0.150

Cuts coarse (000) to fine (8)

Continued from previous page

Rifflers 150 mm

N°	Length	Cut	Sales unit	Kg
LR 12918.2	150 mm	2	Box of 12 pieces	0.150
LR 12918.4	150 mm	4	Box of 12 pieces	0.150
LR 12919.0	150 mm	0	Box of 12 pieces	0.150
LR 12919.2	150 mm	2	Box of 12 pieces	0.150
LR 12919.4	150 mm	4	Box of 12 pieces	0.150
LR 12920.0	150 mm	0	Box of 12 pieces	0.150
LR 12920.2	150 mm	2	Box of 12 pieces	0.150
LR 12920.4	150 mm	4	Box of 12 pieces	0.150
LR 12930.0	150 mm	0	Box of 12 pieces	0.150
LR 12930.2	150 mm	2	Box of 12 pieces	0.150
LR 12930.4	150 mm	4	Box of 12 pieces	0.150
LR 12931.0	150 mm	0	Box of 12 pieces	0.150
LR 12931.2	150 mm	2	Box of 12 pieces	0.150
LR 12931.4	150 mm	4	Box of 12 pieces	0.150
LR 12940.0	150 mm	0	Box of 12 pieces	0.150
LR 12940.2	150 mm	2	Box of 12 pieces	0.150
LR 12940.4	150 mm	4	Box of 12 pieces	0.150
LR 12941.0	150 mm	0	Box of 12 pieces	0.150
LR 12941.2	150 mm	2	Box of 12 pieces	0.150
LR 12941.4	150 mm	4	Box of 12 pieces	0.150
LR 12942.0	150 mm	0	Box of 12 pieces	0.150
LR 12942.2	150 mm	2	Box of 12 pieces	0.150
LR 12942.4	150 mm	4	Box of 12 pieces	0.150
LR 12943.0	150 mm	0	Box of 12 pieces	0.150
LR 12943.2	150 mm	2	Box of 12 pieces	0.150
LR 12943.4	150 mm	4	Box of 12 pieces	0.150
LR 12950.0	150 mm	0	Box of 12 pieces	0.150
LR 12950.2	150 mm	2	Box of 12 pieces	0.150
LR 12950.4	150 mm	4	Box of 12 pieces	0.150
LR 12951.0	150 mm	0	Box of 12 pieces	0.150
LR 12951.2	150 mm	2	Box of 12 pieces	0.150
LR 12951.4	150 mm	4	Box of 12 pieces	0.150
LR 12952.0	150 mm	0	Box of 12 pieces	0.150
LR 12952.2	150 mm	2	Box of 12 pieces	0.150
LR 12952.4	150 mm	4	Box of 12 pieces	0.150
LR 12953.0	150 mm	0	Box of 12 pieces	0.150
LR 12953.2	150 mm	2	Box of 12 pieces	0.150
LR 12953.4	150 mm	4	Box of 12 pieces	0.150
LR 12954.0	150 mm	0	Box of 12 pieces	0.150
LR 12954.2	150 mm	2	Box of 12 pieces	0.150
LR 12954.4	150 mm	4	Box of 12 pieces	0.150

Cuts coarse (000) to fine (8)

Continued from previous page

Rifflers 150 mm

N°	Length	Cut	Sales unit	Kg
LR 12955.0	150 mm	0	Box of 12 pieces	0.150
LR 12955.2	150 mm	2	Box of 12 pieces	0.150
LR 12955.4	150 mm	4	Box of 12 pieces	0.150
LR 12956.0	150 mm	0	Box of 12 pieces	0.150
LR 12956.2	150 mm	2	Box of 12 pieces	0.150
LR 12956.4	150 mm	4	Box of 12 pieces	0.150
LR 12957.0	150 mm	0	Box of 12 pieces	0.150
LR 12957.2	150 mm	2	Box of 12 pieces	0.150
LR 12957.4	150 mm	4	Box of 12 pieces	0.150
LR 12958.0	150 mm	0	Box of 12 pieces	0.150
LR 12958.2	150 mm	2	Box of 12 pieces	0.150
LR 12958.4	150 mm	4	Box of 12 pieces	0.150
LR 12961.0	150 mm	0	Box of 12 pieces	0.150
LR 12961.2	150 mm	2	Box of 12 pieces	0.150
LR 12961.4	150 mm	4	Box of 12 pieces	0.150
LR 12962.0	150 mm	0	Box of 12 pieces	0.150
LR 12962.2	150 mm	2	Box of 12 pieces	0.150
LR 12962.4	150 mm	4	Box of 12 pieces	0.150
LR 12963.0	150 mm	0	Box of 12 pieces	0.150
LR 12963.2	150 mm	2	Box of 12 pieces	0.150
LR 12963.4	150 mm	4	Box of 12 pieces	0.150
LR 12964.0	150 mm	0	Box of 12 pieces	0.150
LR 12964.2	150 mm	2	Box of 12 pieces	0.150
LR 12964.4	150 mm	4	Box of 12 pieces	0.150
LR 12965.0	150 mm	0	Box of 12 pieces	0.150
LR 12965.2	150 mm	2	Box of 12 pieces	0.150
LR 12965.4	150 mm	4	Box of 12 pieces	0.150
LR 12970.0	150 mm	0	Box of 12 pieces	0.150
LR 12970.2	150 mm	2	Box of 12 pieces	0.150
LR 12970.4	150 mm	4	Box of 12 pieces	0.150
LR 12971.0	150 mm	0	Box of 12 pieces	0.150
LR 12971.2	150 mm	2	Box of 12 pieces	0.150
LR 12971.4	150 mm	4	Box of 12 pieces	0.150
LR 12972.0	150 mm	0	Box of 12 pieces	0.150
LR 12972.2	150 mm	2	Box of 12 pieces	0.150
LR 12972.4	150 mm	4	Box of 12 pieces	0.150
LR 12973.0	150 mm	0	Box of 12 pieces	0.150
LR 12973.2	150 mm	2	Box of 12 pieces	0.150
LR 12973.4	150 mm	3	Box of 12 pieces	0.150
LR 12974.0	150 mm	0	Box of 12 pieces	0.150
LR 12974.2	150 mm	2	Box of 12 pieces	0.150

Cuts coarse (000) to fine (8)

Continued from previous page

Rifflers 150 mm

N°	Length	Cut	Sales unit	Kg
LR 12974.4	150 mm	4	Box of 12 pieces	0.150
LR 12975.0	150 mm	0	Box of 12 pieces	0.150
LR 12975.2	150 mm	2	Box of 12 pieces	0.150
LR 12975.4	150 mm	4	Box of 12 pieces	0.150
LR 12980.0	150 mm	0	Box of 12 pieces	0.150
LR 12980.2	150 mm	2	Box of 12 pieces	0.150
LR 12980.4	150 mm	4	Box of 12 pieces	0.150
LR 12981.0	150 mm	0	Box of 12 pieces	0.150
LR 12981.2	150 mm	2	Box of 12 pieces	0.150
LR 12981.4	150 mm	4	Box of 12 pieces	0.150
LR 12982.0	150 mm	0	Box of 12 pieces	0.150
LR 12982.2	150 mm	2	Box of 12 pieces	0.150
LR 12982.4	150 mm	4	Box of 12 pieces	0.150
LR 12983.0	150 mm	0	Box of 12 pieces	0.150
LR 12983.2	150 mm	2	Box of 12 pieces	0.150
LR 12983.4	150 mm	4	Box of 12 pieces	0.150
LR 12984.0	150 mm	0	Box of 12 pieces	0.150
LR 12984.2	150 mm	2	Box of 12 pieces	0.150
LR 12984.4	150 mm	4	Box of 12 pieces	0.150
LR 12985.0	150 mm	0	Box of 12 pieces	0.150
LR 12985.2	150 mm	2	Box of 12 pieces	0.150
LR 12985.4	150 mm	4	Box of 12 pieces	0.150
LR 12986.0	150 mm	0	Box of 12 pieces	0.150
LR 12986.2	150 mm	2	Box of 12 pieces	0.150
LR 12986.4	150 mm	4	Box of 12 pieces	0.150
LR 12987.0	150 mm	0	Box of 12 pieces	0.150
LR 12987.2	150 mm	2	Box of 12 pieces	0.150
LR 12987.4	150 mm	4	Box of 12 pieces	0.150
LR 12988.0	150 mm	0	Box of 12 pieces	0.150
LR 12988.2	150 mm	2	Box of 12 pieces	0.150
LR 12988.4	150 mm	4	Box of 12 pieces	0.150
LR 12990.0	150 mm	0	Box of 12 pieces	0.150
LR 12990.2	150 mm	2	Box of 12 pieces	0.150
LR 12990.4	150 mm	4	Box of 12 pieces	0.150
LR 12995.0	150 mm	0	Box of 12 pieces	0.150
LR 12995.2	150 mm	2	Box of 12 pieces	0.150
LR 12995.4	150 mm	4	Box of 12 pieces	0.150
LR 12996.0	150 mm	0	Box of 12 pieces	0.150
LR 12996.2	150 mm	2	Box of 12 pieces	0.150
LR 12996.4	150 mm	4	Box of 12 pieces	0.150
LR 12997.0	150 mm	0	Box of 12 pieces	0.150

Cuts coarse (000) to fine (8)

Continued from previous page

Rifflers 150 mm

N°	Length	Cut	Sales unit	Kg
LR 12997.2	150 mm	2	Box of 12 pieces	0.150
LR 12997.4	150 mm	4	Box of 12 pieces	0.150

*Cuts coarse (000) to fine (8)***Rifflers 170 mm**

- Cuts: 16 to 56 teeth/cm
- Made from chrome steel
- Hardness of 66 HRc
- Certified product quality as to ISO 9001 / EN 29001



LR12813

N°	Length	Cut	Sales unit	Kg
LR 12813.0	170 mm	0	Box of 12 pieces	0.150
LR 12813.2	170 mm	2	Box of 12 pieces	0.150
LR 12813.4	170 mm	4	Box of 12 pieces	0.150
LR 12830.0	170 mm	0	Box of 12 pieces	0.150
LR 12830.2	170 mm	2	Box of 12 pieces	0.150
LR 12830.4	170 mm	4	Box of 12 pieces	0.150
LR 12843.0	170 mm	0	Box of 12 pieces	0.150
LR 12843.2	170 mm	2	Box of 12 pieces	0.150
LR 12843.4	170 mm	4	Box of 12 pieces	0.150
LR 12855.0	170 mm	0	Box of 12 pieces	0.150
LR 12855.2	170 mm	2	Box of 12 pieces	0.150
LR 12855.4	170 mm	4	Box of 12 pieces	0.150
LR 12865.0	170 mm	0	Box of 12 pieces	0.150
LR 12865.2	170 mm	2	Box of 12 pieces	0.150
LR 12872.0	170 mm	0	Box of 12 pieces	0.150
LR 12872.2	170 mm	2	Box of 12 pieces	0.150
LR 12872.4	170 mm	4	Box of 12 pieces	0.150
LR 12874.0	170 mm	0	Box of 12 pieces	0.150
LR 12874.2	170 mm	2	Box of 12 pieces	0.150
LR 12874.4	170 mm	4	Box of 12 pieces	0.150
LR 12883.0	170 mm	0	Box of 12 pieces	0.150
LR 12883.2	170 mm	2	Box of 12 pieces	0.150
LR 12883.4	170 mm	4	Box of 12 pieces	0.150
LR 12884.0	170 mm	0	Box of 12 pieces	0.150
LR 12884.2	170 mm	2	Box of 12 pieces	0.150
LR 12885.0	170 mm	0	Box of 12 pieces	0.150
LR 12885.2	170 mm	2	Box of 12 pieces	0.150
LR 12885.4	170 mm	4	Box of 12 pieces	0.150

Cuts coarse (000) to fine (8)

Hand tools

Files, gravers and broaches - Engravers' gravers



Flat edge

HSS = High Steel Speed

WS = Tool steel



N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0401.02.HSS	2	65 mm	0.2 mm	HSS	Box of 12 pieces	0.070
LO 0401.02.WS	2	80 mm	0.2 mm	WS	Box of 12 pieces	0.070
LO 0401.04.HSS	4	65 mm	0.4 mm	HSS	Box of 12 pieces	0.080
LO 0401.04.WS	4	80 mm	0.4 mm	WS	Box of 12 pieces	0.080
LO 0401.06.HSS	6	65 mm	0.6 mm	HSS	Box of 12 pieces	0.085
LO 0401.06.WS	6	80 mm	0.6 mm	WS	Box of 12 pieces	0.085
LO 0401.08.HSS	8	65 mm	0.8 mm	HSS	Box of 12 pieces	0.090
LO 0401.08.WS	8	80 mm	0.8 mm	WS	Box of 12 pieces	0.090
LO 0401.10.HSS	10	65 mm	1.0 mm	HSS	Box of 12 pieces	0.095
LO 0401.10.WS	10	80 mm	1.0 mm	WS	Box of 12 pieces	0.095
LO 0401.12.HSS	12	65 mm	1.2 mm	HSS	Box of 12 pieces	0.104
LO 0401.12.WS	12	80 mm	1.2 mm	WS	Box of 12 pieces	0.104
LO 0401.14.HSS	14	65 mm	1.4 mm	HSS	Box of 12 pieces	0.110
LO 0401.14.WS	14	80 mm	1.4 mm	WS	Box of 12 pieces	0.110
LO 0401.16.HSS	16	65 mm	1.6 mm	HSS	Box of 12 pieces	0.116
LO 0401.16.WS	16	80 mm	1.6 mm	WS	Box of 12 pieces	0.116
LO 0401.18.HSS	18	65 mm	1.8 mm	HSS	Box of 12 pieces	0.120
LO 0401.18.WS	18	80 mm	1.8 mm	WS	Box of 12 pieces	0.120
LO 0401.20.HSS	20	65 mm	2.0 mm	HSS	Box of 12 pieces	0.132
LO 0401.20.WS	20	80 mm	2.0 mm	WS	Box of 12 pieces	0.132
LO 0401.24.HSS	24	65 mm	2.4 mm	HSS	Box of 12 pieces	0.150
LO 0401.24.WS	24	80 mm	2.4 mm	WS	Box of 12 pieces	0.150



Round edge

HSS = High Steel Speed

WS = Tool steel



N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0402.02.HSS	2	65 mm	0.2 mm	HSS	Box of 12 pieces	0.070
LO 0402.02.WS	2	80 mm	0.2 mm	WS	Box of 12 pieces	0.070
LO 0402.04.HSS	4	65 mm	0.4 mm	HSS	Box of 12 pieces	0.076
LO 0402.04.WS	4	80 mm	0.4 mm	WS	Box of 12 pieces	0.076
LO 0402.06.HSS	6	65 mm	0.6 mm	HSS	Box of 12 pieces	0.080
LO 0402.06.WS	6	80 mm	0.6 mm	WS	Box of 12 pieces	0.080
LO 0402.08.HSS	8	65 mm	0.8 mm	HSS	Box of 12 pieces	0.088
LO 0402.08.WS	8	80 mm	0.8 mm	WS	Box of 12 pieces	0.088
LO 0402.10.HSS	10	65 mm	1.0 mm	HSS	Box of 12 pieces	0.095
LO 0402.10.WS	10	80 mm	1.0 mm	WS	Box of 12 pieces	0.095
LO 0402.12.HSS	12	65 mm	1.2 mm	HSS	Box of 12 pieces	0.104
LO 0402.12.WS	12	80 mm	1.2 mm	WS	Box of 12 pieces	0.104

Continued from previous page

Round edge

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0402.14.WS	14	80 mm	1.4 mm	WS	Box of 12 pieces	0.106
LO 0402.16.HSS	16	65 mm	1.6 mm	HSS	Box of 12 pieces	0.116
LO 0402.16.WS	16	80 mm	1.6 mm	WS	Box of 12 pieces	0.116
LO 0402.18.WS	18	80 mm	1.8 mm	WS	Box of 12 pieces	0.120
LO 0402.20.HSS	20	65 mm	2.0 mm	HSS	Box of 12 pieces	0.130
LO 0402.20.WS	20	80 mm	2.0 mm	WS	Box of 12 pieces	0.130
LO 0402.24.WS	24	80 mm	2.4 mm	WS	Box of 12 pieces	0.150

Onglette



HSS = High Steel Speed

WS = Tool steel



N°	Dimensions	Width	A	Quality	Sales unit
LO 0403.0.HSS	0	65 mm	1.58 mm	HSS	Box of 12 pieces
LO 0403.0.WS	0	80 mm	1.58 mm	WS	Box of 12 pieces
LO 0403.1.HSS	1	65 mm	1.78 mm	HSS	Box of 12 pieces
LO 0403.1.WS	1	80 mm	1.78 mm	WS	Box of 12 pieces
LO 0403.2.HSS	2	65 mm	1.94 mm	HSS	Box of 12 pieces
LO 0403.2.WS	2	80 mm	1.94 mm	WS	Box of 12 pieces
LO 0403.2/0.HSS	2/0	65 mm	1.45 mm	HSS	Box of 12 pieces
LO 0403.2/0.WS	2/0	80 mm	1.45 mm	WS	Box of 12 pieces
LO 0403.3.HSS	3	65 mm	2.16 mm	HSS	Box of 12 pieces
LO 0403.3.WS	3	80 mm	2.16 mm	WS	Box of 12 pieces
LO 0403.3/0.HSS	3/0	65 mm	1.35 mm	HSS	Box of 12 pieces
LO 0403.3/0.WS	3/0	80 mm	1.35 mm	WS	Box of 12 pieces
LO 0403.4.HSS	4	65 mm	2.54 mm	HSS	Box of 12 pieces
LO 0403.4.WS	4	80 mm	2.54 mm	WS	Box of 12 pieces
LO 0403.4/0.HSS	4/0	65 mm	1.24 mm	HSS	Box of 12 pieces
LO 0403.4/0.WS	4/0	80 mm	1.24 mm	WS	Box of 12 pieces
LO 0403.5.HSS	5	65 mm	2.74 mm	HSS	Box of 12 pieces
LO 0403.5.WS	5	80 mm	2.74 mm	WS	Box of 12 pieces
LO 0403.5/0.HSS	5/0	65 mm	1.16 mm	HSS	Box of 12 pieces
LO 0403.5/0.WS	5/0	80 mm	1.16 mm	WS	Box of 12 pieces
LO 0403.6.HSS	6	65 mm	2.94 mm	HSS	Box of 12 pieces
LO 0403.6.WS	6	80 mm	2.94 mm	WS	Box of 12 pieces
LO 0403.7.HSS	7	65 mm	3.14 mm	HSS	Box of 12 pieces
LO 0403.7.WS	7	80 mm	3.14 mm	WS	Box of 12 pieces
LO 0403.8.HSS	8	65 mm	3.36 mm	HSS	Box of 12 pieces
LO 0403.8.WS	8	80 mm	3.36 mm	WS	Box of 12 pieces

Hand tools

Files, gravers and broaches - Engravers' gravers



Oval



HSS = High Steel Speed

WS = Tool steel

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0404.15	15	80 mm	1.5 mm	WS	Box of 12 pieces	0.030
LO 0404.17	17	80 mm	1.7 mm	WS	Box of 12 pieces	0.040
LO 0404.19	19	80 mm	1.9 mm	WS	Box of 12 pieces	0.050
LO 0404.21	21	80 mm	2.1 mm	WS	Box of 12 pieces	0.060
LO 0404.23	23	80 mm	2.3 mm	WS	Box of 12 pieces	0.070
LO 0404.25	25	80 mm	2.5 mm	WS	Box of 12 pieces	0.082



Bevel



HSS = High Steel Speed

WS = Tool steel

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0405.02	2	80 mm	0.2 mm	WS	Box of 12 pieces	0.062
LO 0405.04	4	80 mm	0.4 mm	WS	Box of 12 pieces	0.070
LO 0405.06	6	80 mm	0.6 mm	WS	Box of 12 pieces	0.074
LO 0405.08	8	80 mm	0.8 mm	WS	Box of 12 pieces	0.076
LO 0405.10	10	80 mm	1.0 mm	WS	Box of 12 pieces	0.084
LO 0405.12	12	80 mm	1.2 mm	WS	Box of 12 pieces	0.094
LO 0405.14	14	80 mm	1.4 mm	WS	Box of 12 pieces	0.100
LO 0405.16	16	80 mm	1.6 mm	WS	Box of 12 pieces	0.104
LO 0405.18	18	80 mm	1.8 mm	WS	Box of 12 pieces	0.116
LO 0405.20	20	80 mm	2.0 mm	WS	Box of 12 pieces	0.124



Knife



HSS = High Steel Speed

WS = Tool steel

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0406.18.HSS	18	65 mm	1.8 mm	HSS	Box of 12 pieces	0.058
LO 0406.18.WS	18	80 mm	1.8 mm	WS	Box of 12 pieces	0.058
LO 0406.20.HSS	20	65 mm	2.0 mm	HSS	Box of 12 pieces	0.062
LO 0406.20.WS	20	80 mm	2.0 mm	WS	Box of 12 pieces	0.062
LO 0406.22.HSS	22	65 mm	2.2 mm	HSS	Box of 12 pieces	0.068
LO 0406.22.WS	22	80 mm	2.2 mm	WS	Box of 12 pieces	0.068
LO 0406.24.HSS	24	65 mm	2.4 mm	HSS	Box of 12 pieces	0.070
LO 0406.24.WS	24	80 mm	2.4 mm	WS	Box of 12 pieces	0.070
LO 0406.26.HSS	26	65 mm	2.6 mm	HSS	Box of 12 pieces	0.072
LO 0406.26.WS	26	80 mm	2.6 mm	WS	Box of 12 pieces	0.072

Continued from previous page

Knife

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0406.28.HSS	28	65 mm	2.8 mm	HSS	Box of 12 pieces	0.080
LO 0406.28.WS	28	80 mm	2.8 mm	WS	Box of 12 pieces	0.080
LO 0406.30.HSS	30	65 mm	3.0 mm	HSS	Box of 12 pieces	0.084
LO 0406.30.WS	30	80 mm	3.0 mm	WS	Box of 12 pieces	0.084
LO 0406.32.HSS	32	65 mm	3.2 mm	HSS	Box of 12 pieces	0.094
LO 0406.32.WS	32	80 mm	3.2 mm	WS	Box of 12 pieces	0.094

Flat narrow back



HSS = High Steel Speed

WS = Tool steel



N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0408.16	16	80 mm	1.6 mm	WS	Box of 12 pieces	0.080
LO 0408.18	18	80 mm	1.8 mm	WS	Box of 12 pieces	0.090
LO 0408.20	20	80 mm	2.0 mm	WS	Box of 12 pieces	0.104
LO 0408.22	22	80 mm	2.2 mm	WS	Box of 12 pieces	0.114
LO 0408.24	24	80 mm	2.4 mm	WS	Box of 12 pieces	0.128
LO 0408.26	26	80 mm	2.6 mm	WS	Box of 12 pieces	0.140
LO 0408.28	28	80 mm	2.8 mm	WS	Box of 12 pieces	0.154

Round narrow back



HSS = High Steel Speed

WS = Tool steel

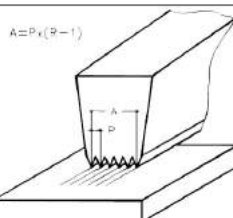


N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0409.16	16	80 mm	1.6 mm	WS	Box of 12 pieces	0.080
LO 0409.20	20	80 mm	2.0 mm	WS	Box of 12 pieces	0.108
LO 0409.24	24	80 mm	2.4 mm	WS	Box of 12 pieces	0.124

Shading tool WS

HSS = High Steel Speed

WS = Tool steel



★ Number of rows

4*	6*	8*	10*	14*
LO0413-10-4	LO0413-10-6	LO0413-10-8	LO0413-10-10	LO0413-10-14
LO0413-12-4	LO0413-12-6	LO0413-12-8	LO0413-12-10	LO0413-12-14
LO0413-14-4	LO0413-14-6	LO0413-14-8	LO0413-14-10	LO0413-14-14
LO0413-16-4	LO0413-16-6	LO0413-16-8	LO0413-16-10	LO0413-16-14
LO0413-18-4	LO0413-18-6	LO0413-18-8	LO0413-18-10	LO0413-18-14
LO0413-20-4	LO0413-20-6	LO0413-20-8	LO0413-20-10	LO0413-20-14

N°	D	P = mm	L = mm
10	80	0.125	80
12	67	0.149	80
14	57	0.175	80
16	50	0.2	80
18	44	0.227	80
20	40	0.25	80

D : Number of rays
P : Distance between 2 rays

Hand tools

Files, gravers and broaches - Engravers' gravers



Square



HSS = High Steel Speed
WS = Tool steel

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0501.125.WS	1.25	110 mm	1.25 mm	WS	Box of 12 pieces	0.040
LO 0501.150.WS	1.50	110 mm	1.50 mm	WS	Box of 12 pieces	0.050
LO 0501.175.WS	1.75	110 mm	1.75 mm	WS	Box of 12 pieces	0.050
LO 0501.200.WS	2.00	110 mm	2.00 mm	WS	Box of 12 pieces	0.050
LO 0501.225.HSS	2.25	110 mm	2.25 mm	HSS	Box of 12 pieces	0.070
LO 0501.225.WS	2.25	110 mm	2.25 mm	WS	Box of 12 pieces	0.070
LO 0501.250.HSS	2.50	110 mm	2.50 mm	HSS	Box of 12 pieces	0.090
LO 0501.250.WS	2.50	110 mm	2.50 mm	WS	Box of 12 pieces	0.090
LO 0501.275.HSS	2.75	110 mm	2.75 mm	HSS	Box of 12 pieces	0.110
LO 0501.275.WS	2.75	110 mm	2.75 mm	WS	Box of 12 pieces	0.110
LO 0501.300.HSS	3.00	110 mm	3.00 mm	HSS	Box of 12 pieces	0.120
LO 0501.300.WS	3.00	110 mm	3.00 mm	WS	Box of 12 pieces	0.120
LO 0501.325.WS	3.25	110 mm	3.25 mm	WS	Box of 12 pieces	0.150
LO 0501.350.HSS	3.50	110 mm	3.50 mm	HSS	Box of 12 pieces	0.160
LO 0501.350.WS	3.50	110 mm	3.50 mm	WS	Box of 12 pieces	0.160
LO 0501.400.HSS	4.00	110 mm	4.00 mm	HSS	Box of 12 pieces	0.210
LO 0501.400.WS	4.00	110 mm	4.00 mm	WS	Box of 12 pieces	0.210
LO 0501.600.HSS	6.00	110 mm	6.00 mm	HSS	Box of 12 pieces	0.470



Lozenge



HSS = High Steel Speed
WS = Tool steel

N°	Dimensions	Length	A	Quality	Sales unit	Kg
LO 0502.150	1.50	110 mm	1.50 mm	WS	Box of 12 pieces	0.050
LO 0502.175	1.75	110 mm	1.75 mm	WS	Box of 12 pieces	0.050
LO 0502.200	2.00	110 mm	2.00 mm	WS	Box of 12 pieces	0.060
LO 0502.225	2.25	110 mm	2.25 mm	WS	Box of 12 pieces	0.070
LO 0502.250	2.50	110 mm	2.50 mm	WS	Box of 12 pieces	0.090
LO 0502.300	3.00	110 mm	3.00 mm	WS	Box of 12 pieces	0.120

Cutting broaches

Five-sided cutting reamers in tempered steel with fine cutting edges. Available in sizes 2 to 80 according to the English Stubbs gauge as shown below with corresponding dimensions in millimeters. Supplied in packs of 10 pieces. (Please note: odd numbers can be supplied on request. Minimum quantity 100 pieces each).



N°	Description	No. Stubbs	mm	Kg
17028.02	Without handle	2	5.50	0.200
17028.04	Without handle	4	5.25	0.180
17028.08	Without handle	8	5.00	0.160
17028.12	Without handle	12	4.75	0.145
17028.16	Without handle	16	4.50	0.115
17028.18	Without handle	18	4.25	0.100
17028.22	Without handle	22	4.00	0.090
17028.26	Without handle	26	3.75	0.082
17028.28	Without handle	28	3.50	0.066
17028.30	Without handle	30	3.25	0.060
17028.32	Without handle	32	2.90	0.043
17028.36	Without handle	36	2.70	0.037
17028.38	Without handle	38	2.60	0.032
17028.40	Without handle	40	2.50	0.031
17028.42	Without handle	42	2.30	0.025
17028.44	Without handle	44	2.20	0.023
17028.46	Without handle	46	2.00	0.016
17028.48	Without handle	48	1.90	0.014
17028.52	Without handle	52	1.60	0.009
17028.54	Without handle	54	1.40	0.007
17028.56	Without handle	56	1.20	0.005
17028.58	Without handle	58	1.10	0.004
17028.60	Without handle	60	1.00	0.003
17028.62	Without handle	62	0.95	0.003
17028.64	Without handle	64	0.90	0.003
17028.66	Without handle	66	0.80	0.002
17028.68	Without handle	68	0.75	0.002
17028.70	Without handle	70	0.70	0.001
17028.72	Without handle	72	0.60	0.001
17028.74	Without handle	74	0.55	0.001
17028.76	Without handle	76	0.45	0.001
17028.78	Without handle	78	0.40	0.001
17028.80	Without handle	80	0.30	0.001
17029.02	With handle	2	5.50	0.240
17029.04	With handle	4	5.25	0.210
17029.08	With handle	8	5.00	0.190
17029.12	With handle	12	4.75	0.175

Continued from previous page

Cutting broaches

N°	Description	No. Stubbs	mm	Kg
17029.16	With handle	16	4.50	0.145
17029.18	With handle	18	4.25	0.120
17029.22	With handle	22	4.00	0.110
17029.26	With handle	26	3.75	0.100
17029.28	With handle	28	3.50	0.080
17029.30	With handle	30	3.25	0.068
17029.32	With handle	32	2.90	0.049
17029.36	With handle	36	2.70	0.040
17029.38	With handle	38	2.60	0.036
17029.40	With handle	40	2.50	0.035
17029.42	With handle	42	2.30	0.029
17029.44	With handle	44	2.20	0.027
17029.46	With handle	46	2.00	0.020
17029.48	With handle	48	1.90	0.018
17029.52	With handle	52	1.60	0.012
17029.54	With handle	54	1.40	0.009
17029.56	With handle	56	1.20	0.006
17029.58	With handle	58	1.10	0.005
17029.60	With handle	60	1.00	0.005
17029.64	With handle	64	0.90	0.004
17029.66	With handle	66	0.80	0.004
17029.70	With handle	70	0.70	0.004
17029.72	With handle	72	0.60	0.004
17029.74	With handle	74	0.55	0.001
17029.78	With handle	78	0.40	0.002
17029.80	With handle	80	0.30	0.002

Five-edged broaches

Set of 12 five-edged broaches in an aluminium tube.



N°	Description	Kg
17036	2 x No. 30 - 38 - 50 - 54 - 64 - 74	0.033

Assortments of broaches

Sets of 12 five-edged broaches in a tube. Also available in a combined assortment of pivot and five-edged broaches containing:

- 12 pivot broaches, Ø 0.05 to 0.15 mm
- 12 pivot broaches, Ø 0.15 to 0.30 mm
- 12 five-edged broaches No. 35 to 56
- 12 five-edged broaches No. 52 to 74



N°	Description	Kg
17031	No. 52 to 74	0.012
17032	No. 35 to 56	0.050
17033	No. 18 to 41	0.130
17037	Assortment	0.055

Set of broaches

Set of 12 broaches with black plastic handles. Supplied in a plastic box with transparent cover.



N°	Description	Dimensions	Quantity	Kg
17039	Pivot broaches	Ø 0.05 to 0.55 mm Ø 0.05 a 0.55 mm	Set of 12	0.010

Sets of broaches

Sets of 6 five-edged or smoothing broaches with black plastic handles in a plastic pouch.



N°	Description	Dimensions	Quantity	Kg
17040	Cutting broaches	No. 46 to 72 (2.00 to 0.60 mm)	Set of 6	0.011
17040A	Smoothing broaches	No. 46 to 72 (2.00 to 0.60 mm)	Set of 6	0.011
17041	Cutting broaches	No. 54 to 78 (1.40 to 0.40 mm)	Set of 6	0.009
17041A	Smoothing broaches	No. 54 to 78 (1.40 to 0.40 mm)	Set of 6	0.009
17042	Cutting broaches	No. 44 to A (2.20 to 6.00 mm)	Set of 6	0.098
17042A	Smoothing broaches	No. 44 to A (2.20 to 6.00 mm)	Set of 6	0.098



Cutting and smoothing broaches

Set of 6 five-edged broaches with black plastic handles in a plastic container.

N°	Description	Dimensions	Quantity	Kg
17043	Cutting broaches	No. 31 to 56 (3.00 to 1.20 mm)	Set of 6	0.020
17043A	Smoothing broaches	No. 31 to 56 (3.00 to 1.20 mm)	Set of 6	0.020



Set of five-edged broaches

Set of twelve five-edged broaches without handles in a plastic container.

N°	Description	Dimensions	Kg
17044	Cutting broaches	No. 30 to 70 (3.25 to 0.70 mm)	0.030
17044A	Smoothing broaches	No. 30 to 70 (3.25 to 0.70 mm)	0.030



Pivot broaches

Popular 144 piece sets comprising twelve tubes containing twelve broaches each in four different sizes, three of each.

N°	Description	Ø	Kg
17048	Pivot broaches	0.05 - 0.10 - 0.12 - 0.15 mm	0.050
17048A	Pivot broaches	0.15 - 0.20 - 0.25 - 0.30 mm	0.054

Hammers

Hammers for watchmakers in polished steel, complete with wooden handle.



N°	Length (head)	Kg
17755A.50	50 mm	0.042
17755A.60	60 mm	0.063
17755A.70	70 mm	0.078
17755A.80	80 mm	0.080
17755A.90	90 mm	0.115

Hammer

Hammer for rivetting and general use. Flat face on one side and chisel form on the other for spreading rivet heads. Polished steel head on varnished hardwood handle.



N°	Length (head)	Kg
142.200	71 mm	0.080

Ball pein hammer

Popular jewellers and hobbyist hammer. Excellent quality model with blue finished head and finely polished ends.

Head weight: 110 gms (4 oz)

Total weight: 171 gms.



N°	Description	Kg
142.165	Hammer	0.171

Rivetting hammer

Economic model. Head in steel, length 66 mm, blue enamel finish. Round machined face on one side diameter 13 mm and rounded chisel shape on the other. Rectangular wooden handle.



N°	Description	Head length	Kg
142.230	Hammer	65 mm	0.070



Hammer

Metal head with interchangeable faces (Ø 13.5 mm) held in place by threaded retaining rings. One face in brass, the other in hard fibre.

N°	Description	Head length	Kg
17753	Hammer	62 mm	0.165
17753.1	Brass faces	-	0.010
17753.2	Fibre faces	-	0.010



Brass hammer

Head in polished brass. One face flat, the other convex. Polished hard wood handle. Face Ø 16 mm.

N°	Description	Face Ø	Head length	Kg
142.201	Hammer	17 mm	50 mm	0.080
142.201.1	Handle			0.014



Chasing hammers

Wide face on one side for striking chasing tools or flattening, pein side for rivetting and metal design. Varnished hardwood handle, pistol shape.

N°	Head Ø	Head length	Kg
142.150	25 mm	56 mm	0.130
142.151	28 mm	61 mm	0.150
142.152	32 mm	69 mm	0.200



Jewellers hammer

Special recoil-less hammer with unbreakable nylon ends. The centrepiece of the hammer is in welded steel finished in blue lacquer. Varnished hickory wood handle.

N°	Description	Head Ø	Head length	Kg
142.215	Hammer	90.5 mm	27 mm	0.250
142.215.1	Nylon ends, flat	-	27 mm	0.015
142.215.2	Nylon ends, domed	-	27 mm	0.015

Jewellers hammer

Polished face with black finish head. Hardwood handle, varnished.

Face diameter 19 mm
Head length 90 mm
Total length 270 mm



N°	Length	Face Ø	Head length	Kg
142.211	270 mm	19 mm	90 mm	0.160

Mallets

Mallets in boxwood with lacquered handle. Top quality.



N°	Face Ø	Head length	Kg
142.202	25 mm	65 mm	0.060
142.203	30 mm	69 mm	0.070
142.205	50 mm	92 mm	0.170

Mallets

Rawhide mallets made from the finest buffalo hide impregnated with shellac. Varnished handles made from selected ashwood.



N°	Face Ø	Head length	Kg
142.100.0	24 mm	55 mm	0.090
142.100.1	32 mm	76 mm	0.130
142.100.2	38 mm	81 mm	0.175

Watchmakers mallet

In hard boxwood for flattening and working on parts without marring.



N°	Description	Ø	Kg
142.209	Mallet	22 mm	0.080



Gold Shark saw blades

Piercing saw blades. Superior quality in specially hardened, selected steel. Swiss made. Teeth uniformly honed to ensure the most accurate and rapid cut. Round back to facilitate cutting of curves. Available in cuts from fine (6/0) to coarse (8).

Sold by gross (144 pcs).

N°	Length	Cut [mm]	Thickness [mm]	Height [mm] (lower edge to the top of teeth)	Teeth per cm	Kg
117.125.6/0	130 mm	6/0	0.18	0.34	30	0.025
117.125.5/0	130 mm	5/0	0.20	0.40	27	0.025
117.125.4/0	130 mm	4/0	0.22	0.46	24	0.025
117.125.3/0	130 mm	3/0	0.25	0.50	22	0.025
117.125.2/0	130 mm	2/0	0.28	0.56	21	0.025
117.125.0	130 mm	0	0.30	0.60	20	0.025
117.125.1	130 mm	1	0.32	0.64	18	0.025
117.125.2	130 mm	2	0.25	0.70	17	0.025
117.125.3	130 mm	3	0.38	0.75	16	0.025
117.125.4	130 mm	4	0.40	0.79	15	0.025
117.125.5	130 mm	5	0.42	0.85	13	0.025
117.125.6	130 mm	6	0.45	0.90	12	0.025
117.125.8	130 mm	8	0.50	1.08	12	0.025



Super Glardon saw blades

Round back saw blades. Available in cuts 8/0 (fine) to 8 (coarse).

Sold by gross (144 pcs).

N°	Length	Cut	Kg
117.120.8/0	130 mm	8/0	0.060
117.120.7/0	130 mm	7/0	0.060
117.120.6/0	130 mm	6/0	0.060
117.120.5/0	130 mm	5/0	0.060
117.120.4/0	130 mm	4/0	0.060

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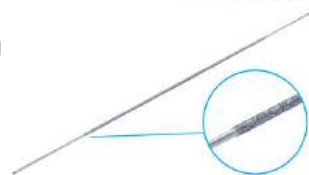
Super Glardon saw blades

N°	Length	Cut	Kg
117.120.3/0	130 mm	3/0	0.060
117.120.2/0	130 mm	2/0	0.060
117.120.0	130 mm	0	0.060
117.120.1	130 mm	1	0.060
117.120.2	130 mm	2	0.060
117.120.3	130 mm	3	0.060
117.120.4	130 mm	4	0.060
117.120.5	130 mm	5	0.060
117.120.6	130 mm	6	0.060
117.120.8	130 mm	8	0.060

Diamond saw blades



Made by electroplating diamond particles on to piano wire, our blade offers the best quality available at competitive prices. A heavy coating of diamond ensures long life and quick cutting. To make the job easier, we recommend using our Cut Lube lubricant (no. 180.100). Blades come individually packaged. Great for glass, ceramic and stones.



N°	Length	Grit	Kg
117.150.060	135 mm	60 coarse	0.001
117.150.100	135 mm	100 medium-coarse	0.001
117.150.120	135 mm	120 medium	0.001
117.150.140	135 mm	140 fine	0.001

04

Saw Frame

Economical model in blue enamel finish. Hardened and chromed fixing plates and screws. Non-adjustable frame. Lacquered hardwood handle.



N°	Description	Depth	Kg
160.340	Saw frame	80.0 mm	0.132

Saw frames

Strong frames forged in the traditional style from high quality, polished steel with black varnished wooden handles. Large thumb screw and serrated clamps grip blades firmly and make replacement easy. Adjustable frame to make use of broken blades. Length 160 mm.



N°	Description	Depth	Kg
16031.070	Saw frame	70 mm	0.160

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Saw frames

N°	Description	Depth	Kg
16031.080	Saw frame	80 mm	0.170
16031.100	Saw frame	100 mm	0.180
16031.125	Saw frame	125 mm	0.180
16031.150	Saw frame	150 mm	0.200
16031/33A	Thumb screw for blade	-	0.008
16031/33B	Frame adjusting thumb screw	-	0.008
16031/33E	Square nut	-	0.003



Tension screw model

Strong frames forged in the traditional style from high quality, polished steel with black varnished wooden handles. Large thumb screw and serrated clamps grip blades firmly and make replacement easy. Adjustable frame to make use of broken blades.

N°	Description	Depth	Kg
16033.070	Saw frame	70 mm	0.165
16033.080	Saw frame	80 mm	0.170
16033.100	Saw frame	100 mm	0.180
16033.120	Saw frame	120 mm	0.180
16033.150	Saw frame	150 mm	0.200
16031/33A	Thumb screw for blade	-	0.008
16031/33B	Frame adjusting thumb screw	-	0.008
16031/33E	Square nut	-	0.003
16033C	Wing nut for blade tension	-	0.003
16033D	Complete tension assembly	-	0.022



Saw frames

Finely balanced, deluxe frames made from the finest materials. Rigid construction and perfect alignment of the jaws. In specially treated steel with black varnished handle. All parts replaceable including handle.

N°	Depth	Kg
160.350.085	85 mm	0.180
160.350.125	125 mm	0.200
160.350.150	150 mm	0.210

Scalpel blades

The most popular shapes used for cutting and trimming mould rubber.



N°	Kg
350.141	0.005
350.142	0.005

Cutter

Improved with a soft-grip handle, this is the most popular style knife of its type. New technology assures sharper blades of better temper than ever before. Knurled tightening knob for the chuck.



N°	Description	Length	Kg
350.145	Scalpel + 1 blade no. 11	145 mm	0.020
350.145.1	5 blades no. 11	-	0.005

Scalpel

Useful for all types of work. A disposable model with plastic handle and fixed stainless steel blade no. 11. Each scalpel is packed individually in a sterile envelope.



N°	Length	Kg
350.150	140 mm	0.010

Blade remover

The safest way to remove used scalpel blades. Just insert blade into box, push down on tab and pull out the scalpel handle. Blade remains harmlessly in the box which is discarded when full. In blue plastic.



N°	Dimensions	Kg
350.143	85 x 25 x 50 mm	0.020

Diamond fly cutters



These high quality tools are designed to create beautiful designs on jewellery, especially charms, bangles, earrings, etc. Made for the professional craftsman to produce bright facets, backgrounds, cuts for setting stones, etc., in gold and other precious metals.

The cutting edge is a chip produced from top grade, industrial diamond set in steel. Available in several angles and two shank diameters, popular 3 mm and 4 mm. Best used in handpieces at speeds between 30000 and 35000 rpm.

N°	Shank	Cutting angle	Kg
172.309	3 mm	90°	0.005
172.312	3 mm	120°	0.005
172.313	3 mm	130°	0.005
172.314	3 mm	140°	0.005
172.315	3 mm	150°	0.005
172.318	3 mm	180°	0.005
172.409	4 mm	90°	0.006
172.412	4 mm	120°	0.006
172.413	4 mm	130°	0.006
172.414	4 mm	140°	0.006
172.415	4 mm	150°	0.006
172.418	4 mm	180°	0.006



Joint cutter

A fine quality tube cutting jig, hand held model. In steel with body in matt chrome finish and anodised handle covered in red plastic material. Adjustable stop length 95 mm. Clamping screw with black bakelite knob.

N°	Length	Kg
181.191	132 mm	0.335

Watch band holder



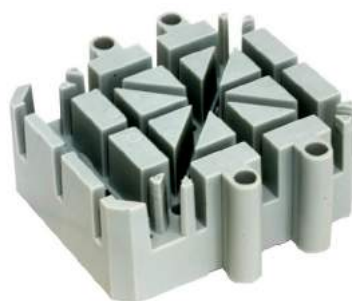
Model in hard black plastic with wider slots for larger bracelets. Cut-out in one corner for watch case horns.



N°	Dimensions	Height	Kg
118.390	50.0 x 50 mm	30 mm	0.035

Bracelet holder

Economical band holder in tough grey plastic with slots of different widths for various bracelet models. Extra-wide slot on one side. Features holes on sides for holding tools e.g. our pin punches 189.820...



N°	Dimensions	Height	Kg
118.391	65 x 65 mm	25 mm	0.028

Bracelet holder



Best quality model in hard black plastic with various widths of slots.



N°	Dimensions	Height	Kg
118.392	55 x 55 mm	40 mm	0.050



Double bracelet holder

Two best quality holders in hard black plastic mounted on a sliding base. The holders are used for holding a complete watch in the centre with the bracelet attached. The holders slide to adjust according to the size of the watch. Size: Holders 50 x 50 mm. Height 55 mm including base plate.

N°	Dimensions	Height	Kg
118.393	50 x 50 mm	20 mm	0.100



Bracelet holder

Plastic movement holder. Can be used with the multi-function press, ref. 185.150.

N°	Description	Height	Kg
185.150.02	Black plastic support	14 mm	0.0380



Bracelet vice

Ideal for after-sales service. Hard plastic vice which does not damage soft metals such as gold. Can hold any type of bracelet.

N°	Description	Height	Opening	Kg
118.380	Bracelet vice	14 mm	8 mm	0.070

Bracelet vice

Smooth, precise action. In hard black plastic.
Holds watch bracelets up to 8 mm thick in jaws width 40 mm

Height 27 mm
Depth 43 mm
Width 40 mm



N°	Description	Kg
118.381	Bracelet vice	0.065

Screw removing tool

A new tool, Swiss made, perfect for removing bracelet screws from Gucci and other high fashion watches. Body made from hard black plastic. Blades recessed in nylon to avoid scratching. Supplied with two spare blades.



N°	Description	Kg
189.815	Tool	0.120
189.815.1	Spare blade	

Watch band screw tool

Our popular tool for removing and fitting screw type case bars and watch band links. Practical, triangular layout of the replaceable blades (1.00 - 1.40 - 3.00 mm).



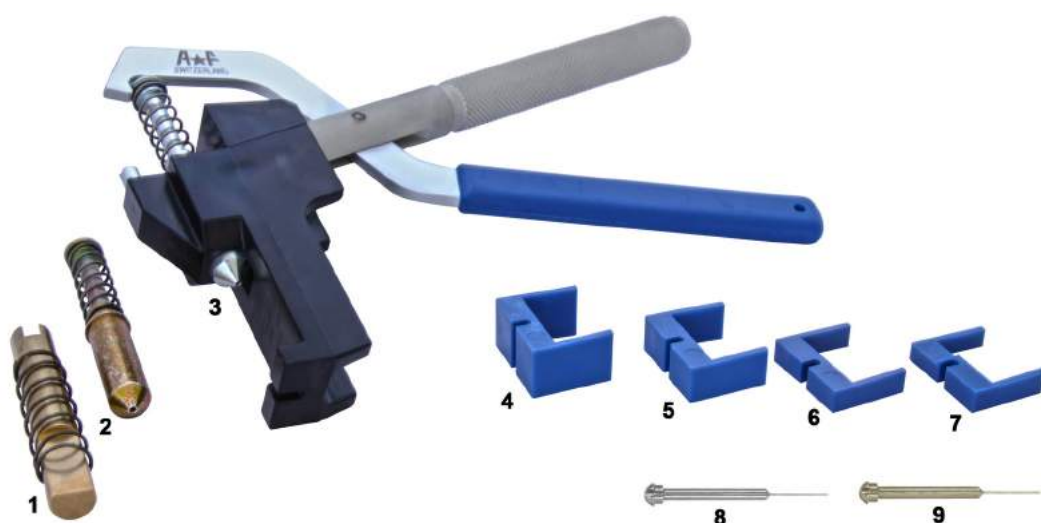
N°	Description	Ø	Colour			Kg
189.895						0.030
18979.100	Spare blades	1.00 mm		Black	bag/10	0.003
18979.140	Spare blades	1.40 mm		Grey	bag/10	0.003
18979.300	Spare blades	3.00 mm		Brown	bag/10	0.003

AF Metafil pliers



AF Metafil pliers are an effective tool used for inserting, removing, and reinserting pins for all types of metal bands. Its plastic support prevents damage to the band during handling. Using the set of spacers provided as standard accessories, you can adjust the pliers to the size of the band.

On request, we can supply a set of customized spacers which can be perfectly adapted to your type of band. We also provide the option of personalizing the product, for example by engraving a logo or brand on the lever.



05

N°	Description	Thickness	Ø	Colour	Kg
189.840					0.290 kg
189.840M	(1) Hammer			yellow	0.020
189.840.075	(2) Plunger		0.75 mm	yellow	0.010
189.840.085	(3) Plunger		0.85 mm	grey	0.010
189.840.1	(4) Shim n° 1	10.90 mm		blue	0.0019
189.840.2	(5) Shim n° 2	7.90 mm		blue	0.0014
189.840.3	(6) Shim n° 3	4.90 mm		blue	0.0009
189.840.4	(7) Shim n° 4	4.90 - 3.90 mm		blue	0.0008
189.840.075G	(8) Replacement pin		0.75 mm	yellow	0.0005
189.840.085G	(9) Replacement pin		0.85 mm	grey	0.0005

SEIKO Multiple band sizing tool

Used for sizing various types of watch bands. Particularly useful for the C-ring type band which is usually time-consuming, easily done with this tool.



N°	Kg
189.809	0.160

Pin removing tool

In black plastic with replaceable pin driver in hardened steel. Supplied with a spacer for use with three thicknesses of metal bands.



N°	Description	Kg
189.810	Tool	0.018
189.810.1	Spare pin driver	0.001

Bracelet pin removing kit

Bracelet pin removing set which includes:

- 1 hammer (17755A.060)
- 1 bracelet holder (118.391)
- 3 pin removing tools (189.820.070, 189.820.080, 189.820.100)
- 1 set of pins (2190.090X)



N°	Description	Kg
118.350X	Pin removing set	0.180



Pin removing punches

Set of 3 pieces in plastic box. Overall length 55 mm. Handle in chromed brass, diameter 5mm. Tips in hardened steel, working length 15mm. Easily replaced by means of a fixing screw. Set comprises diameters 0.70 - 0.80 - 1.00 mm.

N°	Description	Ø	Kg
189.820	Set of pin removing tools	0.70 - 0.80 - 1.00 mm	0.026
189.820.070	Individual pin tool	0.70 mm	0.006
189.820.080	Individual pin tool	0.80 mm	0.006
189.820.100	Individual pin tool	1.00 mm	0.006
189.821.070	10 spare pins	0.70 mm	0.006
189.821.080	10 spare pins	0.80 mm	0.006
189.821.100	10 spare pins	1.00 mm	0.006
189.820V	10 Screws		0.010

Spring bar tool



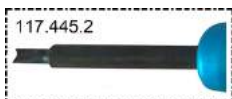
Economical model with fixed tips. Body in tough blue plastic.



N°	Length	Kg
117.448	123 mm	0.010

Spring bar tool

With replaceable tips. Body in blue anodised aluminium with millimeter scale for measuring distance between watch case horns.



N°	Description	Kg
117.445	Spring bar tool	0.015

Continued from previous page

Spring bar tool

N°	Description	Sales unit	Kg
117.445.1	Round tip	10 pieces / bag	0.005
117.445.2	Fork tip	10 pieces / bag	0.005

Spring bar tool

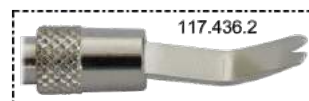
Attractive model in nickel plated brass. Replaceable tips in hardened nickel steel.



N°	Description	Sale Unit	Kg
117.450	Spring bar tool		0.0350
117.450.01	Round tip	10 pieces / bag	0.0110
117.450.02	Fork tip	10 pieces / bag	0.0120

Spring bar tool

Tool for fitting and removing spring bars. Reversible tip (small fork / round pin) on one side.



N°	Description	Sale Unit	Kg
117.436	Spring bar tool		0.039
117.436.1	Reversible spare tip	10 pieces / bag	0.005
117.436.2	Large fork	10 pieces / bag	0.005

Bracelet link tool

For removing bracelet links. One square tip, one round tip.



N°	Description		Kg
189.825	Bracelet link tool		0.0377
189.825.1	Round tip	10 pieces / bag	0.0075
189.825.2	Square tip	10 pieces / bag	0.0075

Bracelet link tool

For removing bracelet links. One wedge-shape tip, one fork tip.



N°	Description	Sale Unit	Kg
189.826	Bracelet link tool		0.0377
189.826.1	Wedge-shape tip	10 pieces / bag	0.0075
189.826.2	Fork tip	10 pieces / bag	0.0075



Folding clasp tool

Watchmakers adjustment tool for folding clasps.

This new tool produced by AF Switzerland is designed to repair and save folding and butterfly clasps which no longer lock or which are no longer obtainable as a replacement.



- Saves folding clasps by allowing them to “CLICK” and lock again without having to replace them.
- Clasps which were previously impossible to fix or repair can now be saved by the CLASP SAVER. Saves that expensive bracelet.
- This ingenious tool enables the proper adjustment (bending) of the thick metal middle sections found on most folding clasps. Precise, highly accurate adjustment.
- Easy to use, long lasting and reliable - makes proper repair of folding clasps without damaging them. No risk of scratching those expensive clasps.
- Make money and save more for your satisfied customers - by repairing expensive clasps instead of replacing them.
- Supplied complete with illustrated instructions.

N°	Description	Kg
189.835	A*F Clasp Saver	0.500 kg
189.835.P1	spare die	0.001 kg
189.835.P2	spare die	0.001 kg
189.835.P3	spare die	0.0025 kg
189.835.U1	spare die	0.002 kg
189.835.U2	spare die	0.0025 kg
189.835.U3	spare die	0.003 kg
189.835EP	plastic tip	0.0001 kg



Multi-function press

New versatile tool which can be used for various functions:

1. Removing pins from metal watch bracelets
2. Removing and fitting watch bracelet screws
3. Fitting watch hands

Ideal for use with our popular range of plastic movement holders for hand setting and chronograph function checking. (Not included).

All items of the multi-function press can be ordered for replacement purposes if necessary.

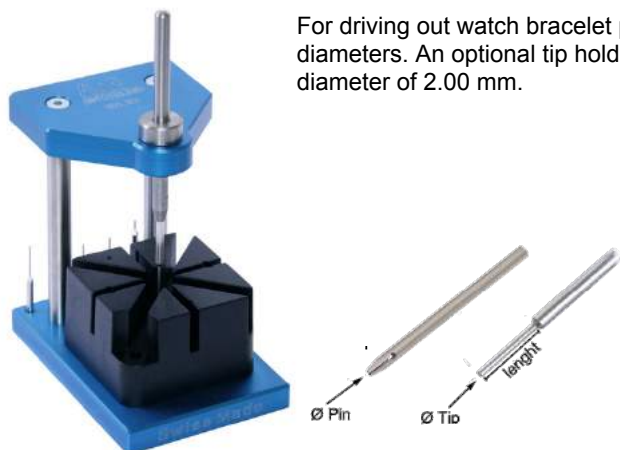


N°	Description	pin Ø	tip Ø	Length	Sales Unit	Kg
185.150	Complete tool					1.2000
185.150.01	Upper tool holder in steel					0.0437
185.150.01V	Spare grub screw for upper tool holder					0.0100
185.150.02	Black plastic support					0.0380
185.150.03	Lower tool holder in steel					0.0128
185.150.03V	Spare grub screw for lower tool holder					0.0100
185.150D.050	Black hard nylon tip to fit hands					0.0020
185.150D.080	Blue hard nylon tip to fit hands					0.0020
185.150D.100	White hard nylon tip to fit hands					0.0020
185.150D.C	Red hard nylon tip to fit hands					0.0020
185.150P.060-6	Tip for removing bracelet pins	2.5	0.60	6	bag/10	
185.150P.070-12	Tip for removing bracelet pins	2.5	0.70	12	bag/10	
185.150P.080-12	Tip for removing bracelet pins	2.5	0.80	12	bag/10	
185.150P.080-4	Tip for removing bracelet pins	2.5	0.80	4	bag/10	
185.150P.080-6	Tip for removing bracelet pins	2.5	0.80	6	bag/10	
185.150P.090-12	Tip for removing bracelet pins	2.5	0.90	12	bag/10	
185.150P.100-12	Tip for removing bracelet pins	2.5	1.00	12	bag/10	
185.150PT	Positioning plate for movement holder					0.0175
185.150R	Spare spring					0.001
185.150T.100	Flat blade for screws					0.0070
185.150T.120	Flat blade for screws					0.0070
185.150T.160	Flat blade for screws					0.0070



Watch bracelet Press

For driving out watch bracelet pins. Supplied with tips in various diameters. An optional tip holder is available for holding tips with a pin diameter of 2.00 mm.



N°	Description	pin Ø	tip Ø	Length	Sales Unit	Kg
185.151	Complete tool					0.300
185.151H	Tip holder	2.5				0.019
185.151HB	Tip holder compatible	2.0				0.019
185.151S	Support					0.033
185.150P.060-6	Tip for removing bracelet pins	2.5	0.60	6	bag/10	
185.150P.070-12	Tip for removing bracelet pins	2.5	0.70	12	bag/10	
185.150P.080-4	Tip for removing bracelet pins	2.5	0.80	4	bag/10	
185.150P.080-6	Tip for removing bracelet pins	2.5	0.80	6	bag/10	
185.150P.080-12	Tip for removing bracelet pins	2.5	0.80	12	bag/10	
185.150P.090-12	Tip for removing bracelet pins	2.5	0.90	12	bag/10	
185.150P.100-12	Tip for removing bracelet pins	2.5	1.00	12	bag/10	

Sesame III

- Precise workmanship
- Mobile case vice which can be placed on the bench
- Universal shaft end holds dies from other openers
- Lightweight
- Large working space between vice and opening pins. Useful for bulky watches.



 **SWISS
MADE**



Mounted with
167.731RLXAD
and a RLX die



(optional)

167.731XR



(optional)

167.731RLXAD



167.700A

N°	Description	Kg
167.731	Complete bench type case opener	2.750
167.731ET1	Top vice (opening up to 65 mm)	0.190
167.700A	Spare pin set	0.030
167.700.1	Spare pins for backs with holes or round notches	0.010
167.700.2	Spare pins for backs with flat edges	0.010
167.700.3	Spare pins for backs with square notches	0.010
167.700.4	Spare pins for backs with curved edges	0.010
167.731ET2	Bottom vice (opening up to 90 mm)	0.180
167.731HA	Spare pin set	0.020
167.731XR	RLX die set & adapter (optional - not included)	0.370
167.731RLXAD	RLX die adapter (optional - not included)	0.040
167.785X	RLX die set (optional - not included)	0.110
167.733X	Suction die set (optional - not included)	0.750

Breit* Case Back Dies assorted

Set of 18 dies for opening and closing Breit* watches. Fit all popular benchtop & other case openers. Precision made in steel. Superb quality, exact sizes to avoid damaging case backs.

Can be used with or without adapter n°167.784T.



167.784T
(optional)

N°	Description	Content	Kg
167.784	Set of 18 dies	18 pieces	1.350
167.784T	Intermediate adapter (optional - - not included)		

Suction dies

Upper dies in aluminium fitted with synthetic rubber rings for opening screw back watch cases. Excellent grip for opening the tightest cases.

Fit most bench top case presses including AF model No 167.731 as well as suitable handles.



N°	Description	Ø alu	Ø rubber	Kg
167.733X	Suction die set (optional - not included)			0.750
167.733.16/18	Suction die alone	18 mm	16 mm	0.010
167.733.20/22	Suction die alone	22 mm	20 mm	0.010
167.733.23/25	Suction die alone	25 mm	23 mm	0.020
167.733.26/28	Suction die alone	28 mm	26 mm	0.020
167.733.30/32	Suction die alone	32 mm	30 mm	0.020
167.733.34/36	Suction die alone	36 mm	34 mm	0.030
167.733.40/42	Suction die alone	42 mm	40 mm	0.030
167.333.45/47	Suction die alone	47 mm	45 mm	0.040
167.733.65/69	Suction case holder	69 mm	65 mm	0.110
167.733.PLEXI	Plexi base			0.410
167.733.H	Handle			0.050



Waterproof case opener

A compact case opener of robust construction with cast aluminium frame finished in blue enamel. Designed to be held in the bench vice. Specially suitable for effortless opening of all Rolex style watch cases. Supplied with six tempered knurled dies in diameters 18.50, 20.20, 22.50, 26.50, 28.30, 29.50 mm which interlock perfectly with the case back.

The central threaded shaft, fitted with the appropriate die is screwed down on the watch. The integral spring ensures a firm and uniform pressure. Nothing can slip, slide or jump. The torsion bar is then used to provide enough leverage to open the most stubborn case back. The built-in adjustable case holder grips all sizes of watches. This popular watch case opener is designed to be held in a bench vice. Our aluminium stand allows users to screw the opener onto a bench if required.

N°	Description	Dimensions	Kg
167.785	Waterproof case opener	Ø 55 x 15 mm	0.590
167.785.18	Replacement dies	18.50 mm	0.028
167.785.20	Replacement dies	20.20 mm	0.028
167.785.22	Replacement dies	22.20 mm	0.028
167.785.26	Replacement dies	26.50 mm	0.028
167.785.28	Replacement dies	28.30 mm	0.028
167.785.29	Replacement dies	29.50 mm	0.028
167.785A	Stand for watch opener		0.028

Universal watch case opener



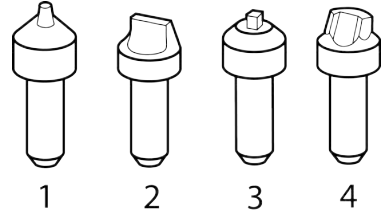
A finely made case opener in steel with black finish. Knurled handle for maximum grip. Opens all types and sizes of cases with backs either knurled, polygonal, notched or with holes. Triple locking system adapts to backs with odd or even number of holes. The case back can be held in the opener after removal. Supplied with 4 sets of 3 interchangeable pins for all types of cases.

Maximum opening - Approx. 43 mm

N°	Description	Kg
167.775	Case opener	0.220
167.775.1	For back with holes or round notches	0.002
167.775.2	For backs with flat edges	0.002
167.775.3	Backs with square notches	0.002
167.775.4	Back with curved edges	0.002

Universal watch case opener

Universal key for opening and closing screw back watch cases. Economic model, stainless steel body with aluminium handle. Supplied with four sets of pins in wooden case.



N°	Description	Kg
167.700	Key with 4 sets of pins	0.300
167.700.1	Spare pins for backs with holes or round notches	0.010
167.700.2	Spare pins for backs with flat edges	0.010
167.700.3	Spare pins for backs with square notches	0.010
167.700.4	Spare pins for backs with curved edges	0.010

V-Tech

Universal watch case opener with two double pins for removing various types of screw-on case backs. Accurate distance adjustment of the jaws by means of a centre screw plus a locking screw. A fine quality tool.



N°	Description	Opening	Kg
167.705	V-Tech Standard	40 mm	0.260
167.705.1	Pin	-	0.010

King size V-Tech

Wide opening watch case opener with two double pins for removing various types of screw-on case backs. Opens to 60 mm. Accurate distance adjustment of the jaws by means of a centre screw plus a locking screw. Use with matching case holder ref. 167.695.



N°	Description	Opening	Kg
167.706	V-Tech Maxi	60 mm	0.290



Case opener

Popular case opener for screw back cases. Usable with the right or left hand thanks to the locking screw which fixes on either side. In blue anodised aluminium, sliding jaws in hard steel.

N°	Opening	Kg
167.760	4-35 mm	0.060



Case opener

Tough and simple tool for opening most screw back watch cases. With central knurled screw for precise adjustment from 11 to 52 mm (inside of pins). Blue finish.

N°	Opening	Kg
167.761	11-52 mm	0.082



Case opener

Case opener for opening all types of snap-back watch cases, with or without bracelet. The screw-in action allows maximum control. Avoids damaging the movement or coils. Replaceable hardened blade.

N°	Description	Kg
168.860	Case opener	0.333
168.860.1	Replacement blade	0.004

Case opener

Opener and case vice combined into one unit making it easy to open all types of snap back watch cases. Can be used with or without the bracelet attached.



N°	Description	Kg
168.890	Case opener	0.400
168.890.1	Opener blades	0.002
168.890.2	Pins without nylon cap	0.002
168.890.3	Pins with nylon cap	0.002

Case opener

Watch case opener, plastic handle, good quality steel blade, for snap-back cases.



N°	Length	Kg
167.768	80 mm	0.040

Case opener

Hook type case opener for watch backs



N°	Kg
167.766	0.020



Case opener GU

Small tool designed specially to open Gucci-type case backs with notches. Swiss Made.



N°	Length	Kg
167.448	130 mm	0.0100



Etic "Scoop" case opener

An original tool with hollowed-out cylindrical blade in hardened steel. Uses a rolling motion to open snap-back watch cases.



N°	Length	Kg
350.155	130 mm	0.025



Etic case knife

Stainless steel blade, flat on one side and bevelled on the other. Blue anodised handle.



N°	Length	Kg
350.156	115 mm	0.031

Case opener



Model with large plastic handle for extra power. The blade can be replaced if necessary. Two models, for either right or left handed users.



N°	Description		Kg
167.224L	Knife case opener with blade left	Left	0.078
167.224R	Knife case opener with blade right	Right	0.078
167.225V	Screws and nuts		0.001

Watchmakers pocket knife



New popular model with one cutting blade and one watch case opening blade in stainless steel. Handle with blue sides in hard polished plastic. Includes tweezer and toothpick. Swiss Made.



N°	Length	Kg
16884	84 mm	0.040

Ball case opener

Inflated ball in gripping rubber for opening screw back watch cases. Saves time and will open all but the tightest backs. Easily cleaned by washing.



N°	Kg
167.752B	0.0432



Manual Case opener B-M

For opening B-M watch cases. Set contains three hardened steel knurled dies and large plastic handle for maximum leverage.



N°	Description	Ø mm	Kg
167.781	Case opener B-M	-	0.410
167.781.25	Dies only B-M	25	0.045
167.781.30	Dies only B-M	30	0.055
167.781.33	Dies only B-M	33	0.065



Bezel remover

In hard rubber, for removing rotating watch bezels. Held in the hand to twist and pull off the bezel. Avoids damage to the bezel.

For bezel diameters 38 - 45 mm



N°	Kg
167.770	0.0310

Micro-chocs universal opener and punch



A case opener suitable for opening all cases with "snap-on" backs and for removing friction-fit case bezels. This quality tool of robust construction can be used as a simple opening lever or with a dual action, i.e. as a punch, activated by an internal hammer. Supplied with two blades, widths 3.00 and 4.5 mm, easily interchangeable thanks to the spring gripping system. The blades are made from hardened steel, polished to a mirror finish. The butt of the handle is screwed in or out to adjust the striking force depending on the tightness of the case back.

Optional :

Universal punch tip and tip for removing bracelet pins.



Included :

168.880.1

168.880.2

Options :

168.880.3

168.880.080

N°	Description	Dimensions	Kg
168.880	Case opener with 2 blades	140 x Ø 22 mm	0.110
168.880.1	Spare blade	3.00 mm	0.005
168.880.2	Spare blade	4.50 mm	0.005
168.880.3	Universal punch tip		0.005
168.880.080	Pin removing tip	Ø 0.80 mm	0.005
168.880D	Puch button		
168.880M	Hammer		
168.880P	Blade holder		
168.880RD	Conical spring		
168.880RM	Hammer spring		

A*F Midget Press



A completely new press for closing watch cases with a unique rapid clamping and release mechanism to save time. Compact in an attractive blue anodised finish. Two holes for optional bench mounting.

Seven nylon dies:

- lower Ø 30, 35, 40 mm

- upper reversible Ø 23/25, 27/29, 31/33, 35/37 mm



N°	Description	Dimensions	Kg
179.150	Midget press	90 x 65 x 115 mm	0.600

Continued from previous page

A*F Midget Press

N°	Description
179.150V	Spare screw



Press for closing watches with snap-on backs

Robust press for the easy closing of watch cases with snap-on backs. Ideal for use in retail watch shops and at the point-of-sale. Designed with non-technical staff in mind but equally useful to watchmakers.

Upper part of the tool is machined from steel and mounted on two heavy chrome plated pillars for maximum stability. The upper handle with three arms fits comfortably in the hand.

To save time, the tool features a wide thread on the spindle for quick closing as well as a removable socket-type die holder to facilitate die changing. The aluminium base in blue anodised finish is stable enough to be used free standing but can also be screwed to the work bench.

Supplied with:

- 4 reversible upper dies in tough nylon, Ø 16/18, 20/22, 24/26, 28/30.
- 1 single die, Ø. 14 mm.
- 3 lower dies with bevelled edges, Ø 20 - 25 - 30 mm for watches with flat or domed glasses



N°	Description	Dimensions	Length	Ø	Kg
179.140	Press with set of 8 dies	120 x 70 x 155 mm			1.400
179.140D	Die holder alone		25 mm	20 mm	0.030
179.141	Replacement set of 8 dies				0.060



Universal press

Finest quality, universal press in cast aluminium. When used with the appropriate dies, suitable for the following horological applications:

- Fitting mineral glasses
- Fitting armoured glasses, faceted glasses and pocket watch glasses
- Fitting revolving bezels
- Closing watch cases



N°	Description	Ø	Material	Kg
179.110	Press alone	-	Cast aluminium	1.300
17912	Press and 20 die set no. 17912S	-	-	2.325
17913	Press and 10 die set no. 17913S	-	-	2.325
17912D	7 domed dies	7 - 10 - 13 - 16 - 19 - 22 - 25 mm	Brass	0.300
17912E	2 universal reversible dies	36.0 - 50 mm	Brass	0.110
17912F	2 domed dies	30 - 40 mm	Brass	0.170
17912G	11 flat dies and 6 hollow dies	Flat 10-20 mm / hollow 10-12-14-16-18-20	Nylon	0.460
17912S	1 universal bottom die and 19 universal dies	16.0 - 34.5 mm	Aluminium	0.350
17913S	1 universal bottom die and 9 universal dies	18.0 - 35 mm	Aluminium	0.350

05



Rack-press for multiple uses

A heavy duty rack and pinion press for numerous applications. The handle can be positioned as required by the operator. Features a screw stop to adjust the length of the stroke. Supplied with adapters for optional sets of dies for fitting plastic and mineral glasses, as well as closing pressure back watch cases.



N°	Description	Ø	Version	Kg
179.131	Press (included 3 adapters)		right-handed	4.660
179.131L	Press (included 3 adapters)		left-handed	4.660
179.131E2	Upper adapter			0.030
179.131E1	Lower adapter			0.010
179.131E3	Lower adapter for universal dies			0.010
117.915	Set of dies	20 - 45 mm	Black nylon	0.105
17912E	2 universal reversible dies	36 - 50 mm	Brass	0.110
17912S	1 universal bottom die and 19 universal dies	16 - 34 mm	Aluminium	0.350
17913S	1 universal bottom die and 9 universal dies	18 - 35 mm	Aluminium	0.350



Set of 20 universal aluminium reversible dies

Set of 20 universal aluminium reversible dies. Comprises:

- 1 flat lower die
- 19 reversible upper dies



N°	Description	Ø	Material	Kg
17912S	1 universal bottom die and 19 universal dies	16 - 34.5 mm	Aluminium	0.350
17912S.16-16.5		16 / 16.5 mm		
17912S.17-17.5		17 / 17.5 mm		
17912S.18-18.5		18 / 18.5 mm		
17912S.19-19.5		19 / 19.5 mm		
17912S.20-20.5		20 / 20.5 mm		
17912S.21-21.5		21 / 21.5 mm		
17912S.22-22.5		22 / 22.5 mm		
17912S.23-23.5		23 / 23.5 mm		
17912S.24-24.5		24 / 24.5 mm		
17912S.25-25.5		25 / 25.5 mm		
17912S.26-26.5		26 / 26.5 mm		
17912S.27-27.5		27 / 27.5 mm		
17912S.28-28.5		28 / 28.5 mm		
17912S.29-29.5		29 / 29.5 mm		
17912S.30-30.5		30 / 30.5 mm		
17912S.31-31.5		31 / 31.5 mm		
17912S.32-32.5		32 / 32.5 mm		
17912S.33-33.5		33 / 33.5 mm		
17912S.34-34.5		34 / 34.5 mm		
17912S.40		40 mm *		



Set of 10 universal aluminium reversible dies

Set of 10 universal aluminium reversible dies. Comprises:
 - 1 flat lower die
 - 9 reversible upper dies



N°	Description	Ø	Material	Kg
17913S	1 universal bottom die and 9 universal dies	18 - 35 mm	Aluminium	0.350
17913S.18/19		18 / 19 mm		
17913S.20/21		20 / 21 mm		
17913S.22/23		22 / 23 mm		
17913S.24/25		24 / 25 mm		
17913S.26/27		26 / 27 mm		
17913S.28/29		28 / 29 mm		
17913S.30/31		30 / 31 mm		
17913S.32/33		32 / 33 mm		
17913S.34/35		34 / 35 mm		
17913S.40		40 mm *		

05



Universal reversible dies (big sizes)

Set of two extra large dies in aluminium.



N°	Description	Ø	Material	Kg
17912E	2 universal reversible dies	36 - 50 mm	Brass	0.110
17912E.36/40		36 / 40 mm		
17912E.45/50		45 / 50 mm		

Set of 4 reversible dies for fitting mineral glasses



Set of four dies for fitting mineral glasses in nylon.

Comprises:

- 1 flat lower die
- 3 reversible upper dies



N°	Description	Ø	Material	Kg
117.915	Set of dies	20 - 45 mm	Black nylon	0.105
117.915.20/25		20 / 25 mm		
117.915.30/35		30 / 35 mm		
117.915.40/45		40 / 45 mm		
117.915.40		40 mm (lower die)		

Dies



Set of ten dies in white nylon for closing watch cases and fitting case bezels. Comprises:

- 5 hollow lower dies, Ø 15, 20, 25, 30, 35 mm
- 5 reversible upper dies, Ø 16/18, 20/22, 24/26, 28/30, 32/34 mm.



N°	Ø	Kg
117.920		0.105
17914.15	15 mm	
17914.16/18	16 / 18 mm	
17914.20	20 mm	
17914.20/22	20 / 22 mm	
17914.24/26	24 / 26 mm	
17914.25	25 mm	
17914.28/30	28 / 30 mm	
17914.30	30 mm	
17914.32/34	32 / 34 mm	
17914.35	35 mm	



Hand remover

For clocks. Hands are removed by screw pressure.

N°	Kg
117.870	0.015



Hand fitting tools

Thanks to their plastic ends, these tools are ideal to insert watch hands without scratching the dial. Two different hole diameters per tool available to ensure a perfect fit. Aluminium handle in attractive blue anodised finish. Spare tips available.

N°	Description	Colour	Ø holes	Kg
174.315	Set of 2 tools (00,01)			0.020
174.316	Set of 3 tools (00,01,02)			0.0130
174.315.00	Tool (blue/red)		Concave/0.80 mm	0.013
174.315.01	Tool (black/white)		1.00/0.50 mm	0.013
174.315.02	Tool (grey/brass)		1.50/flat	0.0130
174.315.00B	Blue spare tip	Blue	Concave	0.001
174.315.00R	Red spare tip	Red	0.80 mm	0.001
174.315.01B	Black spare tip	Black	1.00 mm	0.001
174.315.01W	White spare tip	White	0.50 mm	0.001
174.315.02L	Brass spare tip	Brass	Flat	0.001
174.315.02P	Grey spare tip	Grey	1.50 mm	0.001



Hand fitting tool

In plated brass, length 105 mm, body diameter 6 mm with two replaceable tips in nylon. Hole diameters 0.5 and 1.0 mm.

N°	Description	Ø	Kg
174.310	Hand fitting tool	0.5 - 1.0 mm	0.017
174.310.1	Replacement tip	0.5 mm	0.001
174.310.2	Replacement tip	1.0 mm	0.001

Hand levers

Top quality tools with super polished steel tips. Thanks to their perfect finish, these tools allow you to remove watch hands without damaging or scratching the dial. Ideal for luxury watches and clocks. Anodised aluminium handles. Supplied in pairs.



N°	Description	Width	Colour	Tips	Kg
174.322	2 hand levers	2.5 mm	Blue	2.50 mm	0.023
174.324	2 hand levers	4 mm	Red	4.00 mm	0.023

Hand remover

Hand remover for wrist watches.



N°	Kg
117.867	0.020

Hand remover

For removing cannon pinions and pocket watch hands.



N°	Kg
BER30637-2	0.020

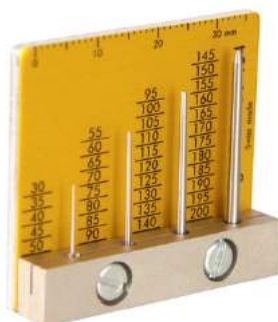
Hand holder

Hand holder, regular size.



N°	Kg
17954	0.031

Hand hole sizing gauge



For measuring the hole sizes of watch hands from 0.30 mm to 2.00 mm. Plus a millimeter scale for measuring the length.

N°

BER30464

Kg

0.030



Hand setting tool

Hand setting press with three rotating runners.
Runners with tips for hours, internal diam. 1.35 mm,
minutes, internal diam. 0.95 mm and centre seconds, internal diam.
0.30 mm .
Base for movement holder is a standard 31 mm internal diameter.

Replacement tips:

185.120.1 Hour hand tip, internal diam. 1.35 mm

185.120.2 Minute hand tip, internal diam. 0.95 mm

185.120.3 Second hand tip, internal diam. 0.30 mm



N°	Description	Kg
185.121L	Hand setting tool	1.450
185.120.1	Chuck for hour hands	0.003
185.120.2	Chuck for minute hands	0.003
185.120.3	Chuck for second hands	0.003



Hand setting tool

Hand setting press with four runners, three rotating, one non-rotating.

Runners with tips for hours, internal diam. 1.35 mm, minutes, internal diam. 0.95 mm, seconds, internal diam. 0.30 mm and small seconds universal die.

Base for movement holder is a standard 31 mm internal diameter.

Replacement tips

185.120.0 Tip, internal diam. 2.10 mm.

185.120.1 Hour hand tip, internal diam. 1.35 mm

185.120.2 Minute hand tip, internal diam. 0.95 mm

185.120.3 Second hand tip, internal diam. 0.30 mm

185.120.4 Universal offset flat die for small second hands, working surface length 7.5 mm.



N°	Description	Kg
185.122L	Hand setting tool	1.435
185.120.1	Chuck for hour hands	0.003
185.120.2	Chuck for minute hands	0.003
185.120.3	Chuck for second hands	0.003
185.120.4	Chuck for small second hands	0.003



See [PAGE 224](#) onwards for our complete range of hand fitting movement holders.



Tool for oscillating weights (VAL)



Used for releasing and fitting the locking rings of oscillating weights. Model designed for watch movement calibres Valjoux 7750 – 7700 and Valgrange A07111 – A07161 – A07271.

The jig for holding the oscillating weight must be ordered separately.

N°	Description	Length	Kg
183.300	Tool	135 mm	0.060
183.300P	Jig		0.080



Tool for oscillating weights (ETA)



Used for releasing and fitting the locking rings of oscillating weights. Model designed for watch movement calibres ETA 2892 – 2893 – 2894 – 2895 – 2896 -2897.

The jig for holding the oscillating weight must be ordered separately.

N°	Description	Length	Kg
183.301	Tool	135 mm	0.060
183.301P	Jig		0.080



Novodiac tools

For removing and fitting the springs in Novodiac shock devices.



N°	Description	Colour	Kg
185.381	ETA 2801 / 2824.2 / 2834.2 / 2836.2	Black	0.008
185.382	ETA 2671/ 2660 / 2671 / 2688	Silver	0.008

Kif Trior tool kit



Set of three tools for assembling and dismantling "Kif Trior" shock-absorbers. Supplied with 3 tubes of 5 springs of one type.



N°	Description	Ø	Kg
18538	Kif Trior tool kit		0.055
18538.160	Kif tool	160 mm	0.010
18538.190	Kif tool	190 mm	0.010
18538.210	Kif tool	210 mm	0.010
KIF 1-2	Kif springs		
KIF 1-3	Kif springs		
KIF 1-4	Kif springs		

Etachron tools



There are two types. One for turning the stud and adjusting the index pins.

The other a fork type for removing the stud from the stud support.



N°	Description	Kg
185.595	Blade for turning hairspring stud	0.008
185.600	Fork for removing stud holder	0.008

Micro-Stella Wrench

Micro-stella key used to adjust Rolex balance wheels. The tool fits the unique star head of the balance adjusting screws. Screwing in gives faster rate, screwing out slower rate.



N°	Description	Kg
173.850	Micro-Stella Wrench	0.065



Balance regulating tool - OMEGA TYPE 8500

For adjusting the balance wheel of Omega movement, co-axial type calibre 8500.

N°	Description	Kg
173.852	Balance regulating tool - OMEGA TYPE 8500	0.040



Balance regulating tool - OMEGA TYPE 3303/3313

For adjusting the balance wheels of Omega movements, calibre 3303 and co-axial type 3313.

N°	Description	Kg
173.851	Balance regulating tool - OMEGA TYPE 3303/3313	0.040

STAR staking tool set



Staking tool alone from the famous STAR brand.
Top quality tool for the most demanding
watchmaker. Beautifully finished. In nickeled
brass.

Can be fitted for use with the "Reverto-Star"
base as illustrated, available separately.



N°	Description	Kg
184.545	Staking tool	0.940
184.546	"Reverto-Star" base. Blue enamel finish.	1.480

STAR staking tool set



Outfit containing the famous STAR brand staking
tool. Top quality tool for the most demanding
watchmaker. Beautifully finished. In nickeled
brass.

Contents :

- 1 staking tool No 185.545
- 24 punches
- 4 stakes



05

N°	Description	Kg
18448	24 punches and 4 stakes	1.420



STAR staking tool set

Outfit containing the famous STAR brand staking tool. Top quality tool for the most demanding watchmaker. Beautifully finished. In nickeled brass.

Contents :

- 1 staking tool No 185.545
- 50 punches
- 14 stakes

N°	Description	Kg
18451	50 punches and 14 stakes	1.730



STAR staking tool set

Outfit containing the famous STAR brand staking tool. Top quality tool for the most demanding watchmaker. Beautifully finished. In nickeled brass.

Contents :

- 1 staking tool
- 105 punches
- 20 stakes

N°	Description	Kg
18453	105 punches and 20 stakes	2.650

STAR staking tool set



Outfit containing the famous STAR brand staking tool. Top quality tool for the most demanding watchmaker. Beautifully finished. In nickeled brass.

Rivetting tool with special "Reverto-Star" base and micrometrical adjusting device. Contents :

- 1 staking tool
- 1 special "Reverto-Star" base
- 120 punches
- 24 stakes



N°	Description	Kg
184.547	120 punches and 24 stakes	5.230

STAR staking and jewellery tool set



Outfit with original STAR tool for riveting pinions and setting jewels. Features a micrometric lever. The "Reverto-Star" base in place of the stakes, allows adjustment of the height of the punches. Finished in blue hammer finish enamel.

Contents:

- 1 staking tool
- 1 special "Reverto-Star" base
- 105 punches (diam. 4.70 mm)
- 25 stakes
- 12 pushers
- 15 reamers
- 2 chamfering tools
- 6 pump pushers

Size: 235 x 260 x 140 mm



N°	Kg
184.548	5.950

Punches STAR



N° article	Ø	Ø Hole
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Centring punch

139.336.1	4.7 mm	-
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To widen balance wheel spokes

139.336.16		-
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Chisel, to lengthen balance wheel spokes

139.336.19		-
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Flat, no hole

139.336.23	4.5 mm	-
139.336.24	4.0 mm	-
139.336.25	3.7 mm	-
139.336.26	3.3 mm	-
139.336.27	3.0 mm	-
139.336.28	2.7 mm	-
139.336.29	2.3 mm	-
139.336.30	2.0 mm	-
139.336.31	1.7 mm	-
139.336.32	1.5 mm	-
139.336.33	1.2 mm	-
139.336.34	1.0 mm	-



Domed, no hole

139.336.35	4.5 mm	-
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N° article	Ø	
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139.336.36	4.0 mm	-
139.336.37	3.7 mm	-
139.336.38	3.3 mm	-
139.336.39	3.0 mm	-
139.336.40	2.7 mm	-
139.336.41	2.3 mm	-
139.336.42	2.0 mm	-
139.336.45	1.2 mm	-
139.336.46	1.0 mm	-



Flat, lateral bore holes, turned

139.336.47	2.8 mm	1.2 mm
139.336.48	2.5 mm	1.0 mm
139.336.49	2.2 mm	0.8 mm
139.336.50	1.8 mm	0.6 mm
139.336.51	1.5 mm	0.5 mm
139.336.52	1.2 mm	0.4 mm



Flat, lateral bore holes, bevelled

139.336.53	2.8 mm	1.2 mm
139.336.54	2.5 mm	1.0 mm
139.336.55	2.2 mm	0.8 mm
139.336.56	1.8 mm	0.6 mm
139.336.57	1.5 mm	0.5 mm
139.336.58	1.2 mm	0.4 mm

N° article	Ø	Ø Hole
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Flat, bored

139.336.65	4.5 mm	2.2 mm
139.336.66	4.0 mm	2.0 mm
139.336.67	3.7 mm	1.7 mm
139.336.68	3.3 mm	1.5 mm
139.336.68A	3.1 mm	1.3 mm
139.336.69	3.0 mm	1.2 mm
139.336.69A	2.85 mm	1.1 mm
139.336.70	2.7 mm	1.0 mm
139.336.70A	2.5 mm	0.9 mm
139.336.71	2.3 mm	0.8 mm
139.336.72	2.0 mm	0.7 mm
139.336.73	1.7 mm	0.6 mm
139.336.74	1.5 mm	0.5 mm
139.336.75	1.2 mm	0.4 mm
139.336.76	1.0 mm	0.3 mm



For centre wheels

139.336.77	4.5 mm	1.5 mm
139.336.79	4.5 mm	1.2 mm
139.336.81	4.5 mm	1.0 mm
139.336.83	4.5 mm	0.8 mm
139.336.84	4.5 mm	0.7 mm
139.336.85	4.5 mm	0.6 mm



Concave, drilled, for removing jewels

139.336.86	3.5 mm	1.2 mm
139.336.87	3.2 mm	1.1 mm
139.336.88	3.0 mm	1.0 mm

N° article	Ø	
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139.336.89	2.8 mm	0.9 mm
139.336.90	2.4 mm	0.8 mm
139.336.91	2.0 mm	0.7 mm
139.336.92	1.8 mm	0.6 mm
139.336.93	1.6 mm	0.5 mm
139.336.94	1.4 mm	0.4 mm



Flat, bored, with lateral groove for roller pins

139.336.95	4.0 mm	1.5 mm
139.336.97	2.5 mm	1.0 mm



Domed, bored

139.336.100	4.0 mm	2.0 mm
139.336.101	3.7 mm	1.7 mm
139.336.102	3.3 mm	1.5 mm
139.336.102A	3.1 mm	1.3 mm
139.336.103	3.0 mm	1.2 mm
139.336.103A	2.85 mm	1.1 mm
139.336.104	2.7 mm	1.0 mm
139.336.104A	2.5 mm	0.9 mm
139.336.105	2.3 mm	0.8 mm
139.336.106	2.0 mm	0.7 mm
139.336.107	1.7 mm	0.6 mm
139.336.108	1.5 mm	0.5 mm
139.336.109	1.2 mm	0.4 mm
139.336.110	1.0 mm	0.3 mm
139.336.99	4.5 mm	2.2 mm

N° article	Ø	Ø Hole
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For removing screws
& broken stems

139.336.111	1.5 mm	-
139.336.112	1.2 mm	-
139.336.113	1.0 mm	-
139.336.114	0.9 mm	-
139.336.115	0.8 mm	-
139.336.116	0.7 mm	-
139.336.117	0.6 mm	-
139.336.118	0.5 mm	-
139.336.118A	0.45 mm	-



Hollow, bored, with recess

139.336.119	3.5 mm	1.2 mm
139.336.120	3.2 mm	1.1 mm
139.336.121	3.0 mm	1.0 mm
139.336.123	2.4 mm	0.8 mm
139.336.125	1.8 mm	0.6 mm
139.336.126	1.4 mm	0.4 mm



To tighten cannon pinions

139.336.127	2.3 mm	1.9 mm
139.336.128	2.1 mm	1.7 mm
139.336.129	1.9 mm	1.5 mm
139.336.130	1.6 mm	1.2 mm
139.336.130A	1.5 mm	1.1 mm
139.336.131	1.4 mm	1.0 mm
139.336.131A	1.3 mm	0.9 mm
139.336.132	1.2 mm	0.8 mm
139.336.132A	1.1 mm	0.7 mm

N° article	Ø	Ø Hole
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Pointed tip

139.336.133	3.2 mm	-
139.336.134	2.2 mm	-
139.336.135	1.2 mm	-



Flat, cross-cut machined

139.336.136	3.0 mm	1.2 mm
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In brass. Flat, bored

139.336.139	4.0 mm	-
139.336.140	3.0 mm	-
139.336.141	1.7 mm	-



In brass. Flat, bored

139.336.142	3.0 mm	1.2 mm
139.336.143	2.0 mm	0.7 mm
139.336.144	1.2 mm	0.4 mm

Rivetting stake

Universal, for watches, 52 holes from 0.3 to 10 mm.



N°	Dimensions	Kg
17020	40 x 40 x 40 mm	0.380

Incabloc punches and stakes



Set of 6 punches and 7 stakes. Specially adapted to the different dimensions of the Incabloc shock absorber. An illustrated table clearly indicates the procedure for each type of block. Suitable for use with any staking tool having a fitting of diameter 4.7 mm.



N°	Kg
118.506	0.037



Movement holders

Movement holders with adjustable hollow centre screw for hand setting tools with standard base diameter 31mm.

N°	Description	Dimensions	Kg
185.135.01	Round	4 1/4"	0.060
185.135.02	Round	5"	0.060
185.135.03	Round	5 1/4"	0.060
185.135.04	Round	5 1/2"	0.060
185.135.05	Round	5 3/4"	0.060
185.135.06	Round	6"	0.060
185.135.07	Round	6 1/2"	0.060
185.135.08	Round	6 3/4"	0.060
185.135.09	Round	7"	0.060
185.135.10	Round	7 1/4"	0.060
185.135.11	Round	7 1/2"	0.060
185.135.12	Round	7 3/4"	0.060
185.135.13	Round	8"	0.060
185.135.14	Round	8 1/4"	0.060
185.135.15	Round	8 3/4"	0.060
185.135.16	Round	9"	0.060
185.135.17	Round	9 1/4"	0.060
185.135.18	Round	9 1/2"	0.060
185.135.19	Round	9 3/4"	0.060
185.135.20	Round	10 1/2"	0.060
185.135.21	Round	10 3/4"	0.060
185.135.22	Round	11"	0.060
185.135.23	Round	11 1/4"	0.060
185.135.24	Round	11 1/2"	0.060
185.135.25	Round	11 3/4"	0.060
185.135.26	Round	12"	0.060
185.135.27	Round	12 1/4"	0.060
185.135.28	Round	12 1/2"	0.060
185.135.29	Round	12 3/4"	0.060
185.135.30	Round	13"	0.060
185.135.31	Round	13 1/4"	0.060
185.135.32	Round	13 1/2"	0.060
185.135.33	Round	13 3/4"	0.060
185.135.34	Round	14"	0.060
185.135.35	Round	14 1/2"	0.060
185.135.36	Round	15"	0.060

Continued from previous page

Movement holders

N°	Description	Dimensions	Kg
185.135.37	Round	16"	0.060
185.135.38	Round	17"	0.060
185.135.39	Round	18"	0.060
185.135.40	Round	19"	0.060
185.136.0306	Shaped	3 3/4 x 6 3/4"	0.035
185.136.0308	Shaped	3 3/4 x 8 3/4"	0.035
185.136.0310	Shaped	3 3/4 x 10" (FHF59)	0.035
185.136.0425	Shaped	4 1/4"	0.035
185.136.0475	Shaped	4 3/4"	0.035
185.136.0500	Shaped	5" (AS976)	0.035
185.136.0525	Shaped	5 1/4" (AS1051)	0.035
185.136.0550	Shaped	5 1/2 x 6 3/4" (AS1012) (1677)	0.035
185.136.0675	Shaped	6 3/4 x 8" (FHF60) (69)	0.035

Movement holder - ETA 251.471

Plastic movement holder for hand setting and chronograph function checking. For calibre ETA 251.471.



N°	Dimensions	Kg
185.137	10 1/2"	0.016

Movement holder - ETA 251.252...

Plastic movement holder for hand setting and chronograph function checking. Suitable for calibres ETA 251.252, ETA 251.262, ETA 251.265, ETA 251.272.



N°	Dimensions	Kg
185.138	13 1/4"	0.016

Movement holders

Movement holders, hand fitting



Movement holder - ETA 2892/2 / OME 1140

Plastic movement holder for hand setting and chronograph function checking. For calibres ETA 2892/2 and OME 1140.



N°	Dimensions	Kg
185.140.1140	11¼"	0.016



Movement holder - VAL 7750

Plastic movement holder for hand setting and chronograph function checking. For calibre VALJOUX 7750.



N°	Dimensions	Kg
185.139	13¼"	0.016



Movement holder - VAL 7750

Movement holder in nickeled brass for calibre VALJOUX 7750.



N°	Description	Dimensions
185.141.7750		13¼"
185.141.7750P	Spare Tip (bag of 4 pieces)	
185.141.7750V	Space screw (bag of 4 pieces)	

Movement holder - VAL 7750/7753



Fitted with push button and 2 pushers at 2 and 4 o'clock, nickel-plated brass.



N°	Kg
185.141.7750-53	0.060

Movement holder - OME 861



Plastic movement holder for hand setting and chronograph function checking. For calibre OME 861.



N°	Dimensions	Kg
185.140.861	12"	0.016

Movement holder - ZEN 3019



Plastic movement holder for hand setting and chronograph function checking. For calibre ZEN 3019.



N°	Dimensions	Kg
185.140.3019	13"	0.016

Movement holders

Movement holders, hand fitting



Movement holder - ZEN 400, 410, 420 - ROLEX 4030

In nickered brass for movement calibres : ZENITH 400, 410, 420 and ROLEX 4030.



N°

185.144



Movement holder

Reversible type with push button to open and close. Round shape, in nickered brass.



N°

185.145

Dimensions

16½"

Kg

0.030



Movement holder - AS 1051

Shaped model in nickered brass for calibre AS 1051.
Base standard Ø 31 mm.



N°

185.136.0525

Description

Shaped

Dimensions

5¼" (AS1051)

Kg

0.035

Movement holder - AS 1012 - AS 1677



Shaped model in nickeled brass for calibres AS1012, AS 1677.
 Base standard Ø 31 mm.



N°	Description	Dimensions	Kg
185.136.0550	Shaped	5½ x 6¾" (AS1012) (1677)	0.035

Movement holder - FHF60 - FHF69



Shaped model in nickeled brass for calibres FHF 60, FHF 69.
 Base standard Ø 31 mm.



N°	Description	Dimensions	Kg
185.136.0675	Shaped	6¾ x 8" (FHF60) (69)	0.035

A*F Switzerland SA. Ronda official agent. Movements, tools and replacement parts.

Genuine Ronda movement holders for production and after-sales servicing. For fitting hands and removing winding stems. In nickel-plated brass.

Depending on the holder, the screws are supplied with the holder.

Important note for production! Adjust the height of the support screws prior to each series.

Movement holder



For new RONDA mechanical movement, Mecano R150.

In nickered brass.



H R150.1A



H R150.1T

N°	Description
RL H R150.1A	Hand setting
RL H R150.1T	Stem removal

Movement holder



Movement calibres : RONDA 502, 503, 505, 507, 509

In nickered brass.



H 50X.1A



H 50X.1T

N°	Description	Ø
RL H 50X.1A	Hand setting	
RL H 50X.1T	Stem removal	
RL Vis-3		3 mm

Movement holder



Movement calibres : RONDA 512, 513, 515, 517, 519

In nickeled brass.



H 51X.1A



H 51X.1T

N°	Description	Ø
RL H 51X.1A	Hand setting	
RL H 51X.1T	Stem removal	
RL Vis-3		3 mm

Movement holder



Movement calibres : RONDA 582, 583, 585

In nickeled brass.



H 58X.1A



H 58X.1T

N°	Description	Ø
RL H 58X.1A	Hand setting	
RL H 58X.1T	Stem removal	
RL Vis-3		3 mm

Movement holder

Movement calibres : RONDA 702, 703, 704, 705, 708, (706)

In nickered brass.



H 70X.1A



H 70X.1T

N°	Description	Ø
RL H 70X.1A	Hand setting	
RL H 70X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-2		2 mm
RL Vis-3		3 mm

Movement holder

Movement calibres : RONDA 706.1, 706.2, 706.3, 706.B

In nickered brass.



H 706.1A



H 70X.1T

N°	Description	Ø
RL H 706.1A	Hand setting	
RL H 70X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-2		2 mm
RL Vis-3		3 mm



Movement holder

Movement calibres : RONDA 712, 713, 714, 715

In nickeled brass.



H 71X.1A



H 71X.1T

N°	Description	Ø
RL H 71X.1A	Hand setting	
RL H 71X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-3		3 mm

Movement holder



Movement calibres : RONDA 751, 753

In nickeled brass.



H 75X.1A



H 75X.1T

N°	Description	Ø
RL H 75X.1A	Hand setting	
RL H 75X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-3		3 mm

Movement holder

Movement calibres : RONDA 762, 762E, 763, 763E

In nickeled brass.



H 76X.1A



H 76X.1T

N°	Description	Ø
RL H 76X.1A	Hand setting	
RL H 76X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-3		3 mm

Movement holder

Movement calibres : RONDA 772, 773, 774, 775

In nickeled brass.



H 77X.1A



H 77X.1T

N°	Description	Ø
RL H 77X.1A	Hand setting	
RL H 77X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-3		3 mm

Movement holder



Movement calibres : RONDA 782, 783, 784, 785, 788

In nickeled brass.



H 78X.1A



H 78X.1T

N°	Description	Ø
RL H 78X.1A	Hand setting	
RL H 78X.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-3		3 mm

Movement holder



Movement calibres : RONDA 1002, 1003, 1004, 1005, 1006, 1009

In nickeled brass.



H 100X.1A



H 100X.1T

N°	Description	Ø
RL H 100X.1A	Hand setting	
RL H 100X.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holder

Movement calibres : RONDA 1012, 1013, 1014, 1015, 1016, 1019

In nickered brass.



H 101X.1A



H 101X.1T

N°	Description	Ø
RL H 101X.1A	Hand setting	
RL H 101X.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holder

Movement calibre : RONDA 1032

In nickered brass.



H 1032.1A



H 1032.1T

N°	Description	Ø
RL H 1032.1A	Hand setting	
RL H 1032.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holder



Movement calibre : RONDA 1042

In nickeled brass.



H 1042.1A



H 1042.1T

N°	Description
RL H 1042.1A	Hand setting
RL H 1042.1T	Stem removal

Movement holder



Movement calibres : RONDA 1062, 1063, 1064, 1069

In nickeled brass.



H 106X.1A



H 106X.1T

N°	Description	Ø
RL H 106X.1A	Hand setting	
RL H 106X.1T	Stem removal	
RL Vis-2		2 mm
RL Vis-3		3 mm

Movement holders

RONDA holders

Movement calibres : RONDA 3520.D, 3540.D



In nickeled brass.



H 35XX.1A



H 35XX.1T

N°	Description
RL H 35XX.1A	Hand setting
RL H 35XX.1T	Stem removal

Movement holder



Movement calibres : RONDA 4XXX.B, 5XXX.B, 5XXXC, 5XXXD, 5XXX.E

In nickeled brass.



H 5XXX.1A



H 5XXX.1T



H 5XXX.1P

N°	Description	Ø
RL H 5XXX.1A	Hand setting	
RL H 5XXX.1T	Stem removal	
RL H 5XXX.1P	Alarm check	
RL Vis-08		0.8 mm

Movement holder



Movement calibres : RONDA 5XXX.F, (4XXX.B), (5XXX.B), (5XXX.C), (5XXX.D), (5XXX.E)

In nickeled brass.



H 5XXX.FA



H 5XXX.1T



H 5XXX.1P

N°	Description	Ø
RL H 5XXX.FA	Hand setting	
RL H 5XXX.1T	Stem removal	
RL H 5XXX.1P	Alarm check	
RL Vis-08		0.8 mm

Movement holder



Movement calibres : RONDA 6XXX.B, 6XXX.D

In nickeled brass.



H 6XXX.1A



H 6XXX.1T

N°	Description	Ø
RL H 6XXX.1A	Hand setting	
RL H 6XXX.1T	Stem removal	
RL Vis-08		0.8 mm
RL Vis-3		3 mm

Movement holder

Movement calibres : RONDA 700X.B, 700X.L, 700X.N, 700X.P

In nickeled brass.



H 7XXX.1A



H 7XXX.1T

N°	Description	Ø
RL H 7XXX.1A	Hand setting	
RL H 7XXX.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holder

Movement calibres : RONDA 8040.B, 8040.N

In nickeled brass.



H 80XX.1A



H 80XX.1T

N°	Description	Ø
RL H 80XX.1A	Hand setting	
RL H 80XX.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holder

Movement calibre : Z60

In nickeled brass.



H ZXX.1A



H ZXX.1T

N°	Description	Ø
RL H ZXX.1A	Hand setting	
RL H ZXX.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holder

Movement calibre : Z50

In nickeled brass.



H ZXX.2A



H ZXX.1T

N°	Description	Ø
RL H ZXX.2A	Hand setting	
RL H ZXX.1T	Stem removal	
RL Vis-08		0.8 mm

Movement holders

Various holders



Movement holder

Universal movement holder, côtes de Genève pattern finish. For movements up to 11½".

N°	Dimensions	Kg
18394	max. 11½"	0.0500



Movement holder

Screw system and reversible, one side for watches up to 18" (40.59 mm), the other side for movements from 5 1/2" (12.40 mm). Space for curved plates and winding stems.

N°	Kg
118.398	0.030



Movement holders

Universal screw system, reversible. Two models available, one for watches of 3 3/4" to 11", the other for watches of 8 3/4" to 19".

N°	Dimensions	Kg
18393	3¾" to 11"	0.031
18393A	8¾" to 19"	0.044

Movement holder

Screw system, reversible, for pocket watches and small clocks up to maximum diameter 73 mm.



N°	Kg
118.395	0.170

Movement holders

Set of twelve holders in plastic material.



N°	Kg
18374	0.038

Universal case holders

For water-resistant watches. In plastic material, with four plastic pegs.



N°	Description	Dimensions	Kg
16769F	Case holder	50 x 45 x 35 mm	0.089
16769FA	Replacement pegs	-	0.005
16769H	Case holder	75 x 70 x 45 mm	0.245
16769HA	Replacement pegs	-	0.007

Universal case holders

Universal case holders for screw back watch cases. Plastic body fitted with adjusting screw. Designed to be held in a bench vice.



N°	Description	Kg
167.680	Economic model	0.040
16774A	Original model	0.050



Movement holder

Spring loaded action, universal style. Features nicked steel tubes with dark blue enamelled steel ends. Maximum capacity, diameter 36 mm.

N°	Dimensions	Ø	Kg
118.385	105 x 30 x 20 mm	max. 36.0 mm	0.064



Watch case stand set



Used for supporting the watch while working on the back, movement or bracelet etc. In hard black nylon with replaceable sponge rubber inserts to protect the watch glass, bezel etc. from damage. Permits working on all shapes of watch cases as well as those with domed glasses. Available as a set of three or separately. Inside diameters of plastic stands (outer Ø of rubber insert) : 24 – 30 – 40 mm
Outer dimensions : Diameter 50 mm x height 25 mm

N°	Description	Ø	Kg
167.650	Set		0.215
167.650.24	Watch case stand	24 mm	0.045
167.650.24R	Rubber insert	24 mm	0.001
167.650.30	Watch case stand	30 mm	0.043
167.650.30R	Rubber insert	30 mm	0.001
167.650.40	Watch case stand	40 mm	0.043
167.650.40R	Rubber insert	40 mm	0.001

King size case holder



A solid case holder especially designed for holding modern large size watches. Can hold cases of various shapes and sizes between 20 to 60 mm in diameter. Features:

- Two-directional adjusting screws
- Interchangeable holding pins
- Rubber feet for maximum stability
- Rubber ring cushion to protect the watch glass.

Spare holding pins supplied in sets of 4 pieces. Nylon pins for standard cases. Black plastic pins for use on cases with pushers or special shaped cases.

N°	Description	Opening	Kg
167.695	Case holder	20-60 mm	0.342
167.695.1	4 spare nylon pins		
167.695.2	4 spare black plastic pins		

Leather buffs



Finest quality soft leather for polishing delicate parts to produce a brilliant finish.



N°	Description	Lenght	Working surface	Kg
166.461	White, flat (cover not incl.)	215 mm	105 x 6 mm	0.005
16646	White, flat (cover not incl.)	216 mm	105 x 12 mm	0.007
16646A	Plastic buff cover (for 16646)		109 x 13 mm	0.001

Pegwood

Best quality, yellow (spindle tree) in bundles. Turned to constant diameter.



N°	Description	Length	Ø	Kg
16046.2	Spindle-tree	150 mm	2 mm	0.009
16046.25	Spindle-tree	150 mm	2 mm	0.012
16046.3	Spindle-tree	150 mm	3 mm	0.017
16046.4	Spindle-tree	150 mm	4 mm	0.030
16046.5	Spindle-tree	150 mm	5 mm	0.033
16046.6	Spindle-tree	150 mm	6 mm	0.049

Pith

Best quality in stick form, in bundles



N°	Kg
17792	0.002



Royal Pith

In boxes of 12 disks, best quality. Clean without waste.

N°	Sales unit	Kg
17794	Box of 12 pieces	0.019



Sawdust

Best quality for jewellers. Sieved, resin-free in packets of 1 kilogram.

N°	Kg
160.355	1.000



Dust blower

In rubber with plastic-sheathed nozzle.

N°	Length	Ø	Kg
18666	130 mm	58 mm	0.076



Rub-Off

Universal cleaning compound. For balance wheel pivots, train-wheels, for removing stains and finger marks on plates, bridges, dials, excess oil in jewels and for removing broken pivots. Unlimited uses. Available in boxes of 10 bars.

N°	Sales unit	Kg
18580DB	Box of 10 pieces	0.220

Benzene jar

Ground glass. Cover with knob.



N°	Description	Ø	Kg
161.710	Benzene jar	80 mm	0.233

Liquid dispenser

Will dispense any liquid in small quantities. Ideal for volatile solvents such as benzene and soldering flux.

Prevents wastage by evaporation and eliminates odours. No risk of spillage.

Flip open the lid and press down the reservoir to dispense a small quantity of liquid.

If necessary, obtain a larger quantity in the reservoir by pressing down several times.

Metal top and anti-static plastic body. Contains 6 oz (177 ml).



N°	Capacity	Kg
161.712	177 ml	0.070

Rubisol

Water-free watch cleaning solution, non-flammable and non-corrosive. Rapidly dissolves hardened oil. Use in first bath. No airfreight shipment.

Due to its nature, this solution is subject to shipping restrictions. Please send us your enquiry, we will be pleased to quote you.



N°	Quantity	Kg
170.630.1	1 l	1.000
170.630.2	2 l	2.000
170.630.5	5 l	4.450



F45

Acid and grease-free watch cleaning solution for escapement and hairspring. Does not dissolve shellac. Do not mix with other products. Use as rinsing baths.

Due to its nature, this solution is subject to shipping restrictions. Please send us your enquiry, we will be pleased to quote you.

N°	Quantity	Kg
170.650.1	1 l	1.100
170.650.2	2 l	2.200
170.650.5	5 l	5.200



PF80

Watch cleaning solution with a powerful dissolving action. Recommended as a second or third rinsing bath after cleaning with Rubisol. Leaves no residue. Water, fat and acid-free. Non-corrosive, non-toxic.

Due to its nature, this solution is subject to shipping restrictions. Please send us your enquiry, we will be pleased to quote you.

N°	Quantity	Kg
170.640.1	1 l	1.100
170.640.2	2 l	2.100
170.640.5	5 l	5.200



Elma watch cleaning solution

Watch cleaning solution for dismantled watches and jewellery. Concentrate 1:9.

N°	Quantity	Kg
170.670.050	500 ml	0.500
170.670.100	1000 ml	1.000
170.670.500	5000 ml	5.000

Contact Cleaner

Poor contacts are one of the principal causes of defects in electronic watches. The most critical areas are in particular battery contacts (corrosion by leaking batteries), and pusher contacts. Contact Cleaner has a triple action:

- Dissolves mineral salts produced by battery electrolyte
- Eliminates oxidation of contacts
- has a lubrication effect.

Can be applied with a fine brush, a cotton swab or a clean cloth. To completely eliminate all traces of attack, some corroded surfaces may need rubbing with contact cleaner and a small brush or even better a felt tip.



N°	Kg
350.700	0.062



Novostar - Type B

Novostar oil for gear trains and escapments of watches.



N°	Quantity	Viscosity	Kg
17313	6 ml	89 cSt	0.017
17313.B4	Box of 4 x 2.5 ml	89 cSt	0.023



Novostar - Type M

Novostar oil for pocket watches, escapement pivot and wheels.



N°	Quantity	Viscosity	Kg
17314	10 ml	95 cSt	0.041



Novostar - Type R

Novostar oil for alarm clocks, pendulum clocks and watch escapements.



N°	Quantity	Viscosity	Kg
17315	20 ml	110 cSt	0.059

Novostar - Type H

Novostar oil for clocks, barrels of medium size and small mechanical movements.



N°	Quantity	Viscosity	Kg
17316	30 ml	132 cSt	0.083

Novostar barrel grease

Lubricant for barrels.



N°	Quantity	Kg
17311.3	30 ml	0.076
17311.5	50 ml	0.110

Novostar grease

Novostar grease for winding stems.



N°	Quantity	Kg
17310	30 ml	0.076

NOVOSTAR

Huile et graisse - Oil and grease - Aceite y grase - Olio e grasso

Calibers	5 - 8 3/4"	9 1/4" - 12"	13 - 18"	Chronometers	Pocket watches, lever and pin pallet	Alarms	Wall clocks and regulators	Large clocks
Pallet stones and pins	17313 (B) 941, 8000	17313 (B) 941, 8000	17314 (M) 8000	17313 (B) 941, 8000	17313 (B) 9010, 8000	17315 (R) 9020	17315 (R) 9020	17315 (R) 9020
Moribus equivalent								
Escape wheels	17313 (B) 941, 8000	17313 (B) 941, 8000	17314 (M) 8000	17313 (B) 941, 8000	17313 (B) 9010, 8000	17315 (R) 9020	17315 (R) 9020	17315 (R) 9020
Moribus equivalent								
Balance staffs	17313 (B) 941, 8000	17313 (B) 941, 8000	17314 (M) 8000	17313 (B) 941, 8000	17313 (B) 9010, 8000	17315 (R) 9020	17315 (R) 9020	17315 (R) 9020
Moribus equivalent								
Centre wheels	17315 (R) 9020	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141
Moribus equivalent								
Wheel trains	17313 (B) 9010, 8000	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141
Moribus equivalent								
Barrel arbors	17315 (R) 9020	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141	17313 (B) 8141
Moribus equivalent								
Mainspring and slipping springs	17316 (H) 8030	17311	17311	17311	17311	17311	17311	17311
Moribus equivalent								
Barrels	17311	17311	17311	17311	17311	17311	17311	17311
Moribus equivalent								
Automatic winding mechanisms	8213 Missing, 8212 Alum., 8217	17310	17310	17310	8213 Missing, 8212 Alum., 8217	17310	17310	17310
Moribus equivalent								
Winding mechanisms, hour and calendar settings	17316 (H) 8030, 8200	17310	17310	17310	17310	17310	17310	17310
Moribus equivalent								

17310	17311	17313	17314	17315	17316
Approximate viscosity at 20°C mm ² /s	89	95	110	132	
Inflammable at	278°C	283°C	254°C	247°C	

Moebius Microgliss

Suitable for high and extreme pressure. Field of application: for special problems of pressure.



N°	Description	Quantity	Viscositiy	Kg
173.185.20	D-5	20 ml	34 - 1050 cSt	0.065
173.186.20	D-4	20 ml	34 - 1050 cSt	0.065
173.187.20	D-3	20 ml	34 - 1050 cSt	0.065

Moebius 8000

Oil for chronometers and wrist watches.



N°	Quantity	Viscositiy	Kg
18000.4	4 x 1 ml	95 cSt	0.022
18000.8	8 ml	95 cSt	0.025

Moebius 8030

Oil for clocks, musical movements, timing equipment and similar precision mechanical movements.



N°	Quantity	Viscositiy	Kg
18030	20 ml	115 cSt	0.025



Moebius 8040

Oil for clocks, cuckoo clocks, and big table clocks.



N°	Quantity	Viscosity	Kg
18040	20 ml	145 cSt	0.055



Moebius 8141

Oil for special problems of pressure such as cup screws, centre wheels, barrel arbors, etc.



N°	Quantity	Viscosity	Kg
18141.20	20 ml	1250 cSt	0.060



Moebius 8200/8201

Special lubricant for springs and other low running parts with a large surface of friction. Also exists with molybdenum disulphide (MoS₂).



N°	Description	Quantity		Kg
18200.20	8200	20 ml	Solid	0.064
18200.50	8200	50 ml	Solid	0.128
18201.20	8201 (MoS ₂)	20 ml	20	0.069

Moebius 8300/8301

Grease for winding mechanisms. Also used instead of no. 18200 if this is too fluid.



N°	Description	Quantity		Kg
18300.20	8300	20 ml	Solid	0.064
18300.50	8300	50 ml	Solid	0.130
18301.20	8301 (graphite)	20 ml	Solid	0.064

Moebius Fixodrop 8941

Ready to use non flammable/toxic solution.



N°	Quantity	temperature ranges	Kg
18941.100	100 ml	< 200 °C	0.295

Moebius Syntescap 941

Moebius special escapement oil "HO" for high pressures.



N°	Quantity	Viscosity	Kg
1941.2	2 ml	103 cSt	0.019
1941.5	5 ml	103 cSt	0.031
1941.10	10 ml	103 cSt	0.050



Moebius Synt-A-Lube 9010

Synt-a-Lube oil for the regulating parts and jewelled bearings of small and medium sized movements.



N°	Description	Quantity	Viscositiy	Kg
19010.2	9010	2 ml	150 cSt	0.019
19010.5	9010	5 ml	150 cSt	0.031
19010.10	9010	10 ml	150 cSt	0.050



Moebius Synta-Visco-Lube 9020

Synta-Visco-Lube for larger movements and higher pressures.



N°	Quantity	Viscositiy	Kg
19020.2	2 ml	266 cSt	0.019
19020.5	5 ml	266 cSt	0.031
19020.10	10 ml	266 cSt	0.050



Moebius Synt-A-Frigo-Lube 9030

For the lubrication of mechanisms exposed to low temperatures.



N°	Quantity	Viscositiy	Kg
19030.2	2 ml	60 cSt	0.015

Moebius Synth-HP



Moebius SYNT-HP is a group of high pressure oils available in 4 viscosities. The excellent ageing stability ensures a constant viscosity over a long period of time, high pressure resistance and superior lubricating and adherence capacity. The viscosity is selected according to the usage and the power reserve of the mechanism. Used for gear train, barrel arbor, steel/steel frictions.



N°	Quantity	viscosity	Kg
19102.2	2 ml	750 cSt	0.003
19103.20	20 ml	1000 cSt	0.015
19104.2	2 ml	1300 cSt	0.003
19104.20	20 ml	1300 cSt	0.015

Moebius Quartz Oil - Moebius 9000



Especially developed for quartz watch movements. Supplied in an attractive and practical self-service blister pack.



N°	Quantity	Viscosity	Kg
173.184	2 ml	100 cSt	0.010

Moebius 9415



For mechanical escapements.



N°	Quantity	Viscosity	Kg
19415.2	2 ml	107 cSt	0.015
19415.10	10 ml	107 cSt	0.038



Moebius 9501

Very soft grease developed to solve friction problems such as time setting, calendar and winding mechanisms and rotating bezels of diving watches.



N°	Quantity	Viscosity	Kg
19501.50	50 ml	68 cSt	0.130



Moebius 9504

Moebius 9504 is a synthetic grease, excellent for high friction areas of the winding and setting mechanism, as well as calendar and chronograph systems.



N°	Quantity	Kg
19504.10	10 ml	0.050

A*F Clock oil

An economical, high grade oil for use in clocks, instruments and light machinery.



N°	Quantity	Kg
652.150	30 ml	0.080

Klueber P125

Chrongrease Klüber P125 recommended by ETA for chronographs calibre 7750.



N°	Quantity	Kg
173.205	5 g	0.050

Silicone lubricant - SG2000

Special silicone lubricant for watch gaskets in a syringe with a fine flexible nozzle.



N°	Quantity	temperature ranges	Kg
118.574	5 g	- 40 °C > +200 °C	0.005

Seiko TSF-451

A high quality, thick silicone grease for all types of gaskets. Presented in a handy screwtop plastic pot. Supplied individually or in boxes of 10 pieces.



N°	Kg
118.580	0.020



SEIKO Watch Grease S-3

A lubricant used for slipping attachments of automatic movements with self-lubricating mainsprings.

N°	Kg
118.583	0.020



SEIKO Watch Grease S-4

For lubricating pawl levers and second reduction wheels of automatic winding mechanisms and mainsprings.

N°	Kg
118.584	0.020



SEIKO Watch Grease S-6

For lubricating pawl levers and second reduction wheels of automatic winding mechanisms and mainsprings.

N°	Kg
118.586	0.020

Molykote DX Paste



Light-coloured grease-paste with solid lubricants for assembly and long-term lubrication of metallic components. Recommended by ETA.



N°	Quantity	temperature ranges	Kg
173.200	50 g	- 25 °C > +125 °C	0.050

RAPILUBE - Gasket lubricator

Suitable for all rubber seals especially the "O" ring type and small parts up to a diameter of 63 mm. Contains two foam rubber pads saturated with silicone grease for lubrication of several hundred of gaskets. To relubricate the pads, use A*F silicone grease no. 118.571. Ensures perfectly even and complete coating of grease without excess.



N°	Kg
118.575	0.025

Waterproofing grease

Silicone sealing grease with dispensing nozzle, for cases, crowns, etc.



N°	Quantity	Kg
118.571	20 ml	0.025



Jismaa 124

Synthetic and entirely mineral lubricant recommended by ETA and the Swiss Horological Research Laboratory. Excellent quality suitable for prolonged high friction due to long life over wide temperature range. Ideal for precision and measuring instruments, meter, relays, optical instruments. Deterioration, spreading and evaporation are non-existent. High viscosity, stability combined with remarkable smoothness. Two types available: green for cupro-ferrous alloys, blue for carbon ferrous alloys.

N°	Description	Colour	Quantity	temperature ranges	Kg
173.190.07	Cupro-ferrous alloys	Green	7 g	- 50°>+100°C	0.015
173.190.18	Cupro-ferrous alloys	Green	18 g	- 50°>+100°C	0.031
173.191.07	Carbon ferrous alloys	Blue	7 g	- 50°>+100°C	0.015
173.191.18	Carbon ferrous alloys	Blue	18 g	- 50°>+100°C	0.031



Fomblin

A white homogeneous grease for lubrication of mechanical parts. Specially developed for parts subject to friction of medium pressure when mineral and standard synthetic lubricants break down due to temperature changes and exposure to the air. Also useful for greasing all types of joints as well as special optical and micro mechanical equipment.

N°	Description	Quantity	temperature ranges	Kg
118.590	Pot	10 g	- 30 °C > +250 °C	0.010
118.590.100	Tube	110 g	- 30 °C > +250 °C	0.110



Vissin

Solution for removing broken screws.

N°	Description	Quantity	Kg
19101	Vissin	50 ml	0.081

Continued from previous page

Vissin

N°	Description	Kg
19103	Tripod with porcelain dish	0.081

Winding stem oiling tool



Rapidly and quickly ensures perfect oiling of all types of watch winding stems. The stem is placed on the lower pad and sandwiched by pressing down on the upper arm which springs back up after releasing. The pads are impregnated with oil contained in the reservoirs, sufficient for 2'000 to 2'500 stems.



N°	Description	Kg
178.200	Oiling tool	0.200
178.200A	Replacement reservoir	0.010

Oilers



The most popular oilers with plastic colour-coded handles and plastic caps.



N°	Description	Width	Colour	Kg
18245A	Set	0.15 - 0.55 mm	-	0.019
18245N	Oiler	0.15 mm	Black	0.002
18245R	Oiler	0.25 mm	Red	0.002
18245B	Oiler	0.35 mm	Blue	0.002
18245V	Oiler	0.45 mm	Green	0.002
18245J	Oiler	0.55 mm	Yellow	0.002



Oilers

Regular type oilers with colour-coded metal handles and plastic caps.

N°	Description	Height	Width	Colour	Kg
18246A	Set - metal		0.15 - 0.55 mm	5 colours	0.019
18246.N	Metal handle	Black	0.15 mm	Black	0.002
18246.R	Metal handle	Red	0.25 mm	Red	0.002
18246.B	Metal handle	Blue	0.35 mm	Blue	0.002
18246.V	Metal handle	Green	0.45 mm	Green	0.002
18246.J	Metal handle	Yellow	0.55 mm	Yellow	0.002



Oilers

With reversible needle and two spare needles in the colour-coded plastic handles.

N°	Description	Colour	Kg
18249.N	Super fine	Black	0.002
18249.R	Extra fine	Red	0.002
18249.B	Fine	Blue	0.002
18249.V	Medium	Green	0.002
18249.J	Large	Yellow	0.002



Oiler

For Incabloc, reversible needle and three spare needles in the metal handle.

N°	Kg
18247	0.005

Pocket oilers

One of the best oilers on the market. Ideal for clocks, timers, instruments, jewellers handpieces, etc. Contains lightweight oil with rust inhibitors, just squeeze to get the right amount.



N°	Quantity	Kg
173.500	7.5 ml	0.020

Oil cups

In synthetic material (Incalite).



N°	Height	Width	Ø	Kg
17345.B	Blue	45 mm	15 mm	0.025
17345.J	Yellow	45 mm	25 mm	0.025
17345.R	Red	45 mm	10 mm	0.025
17345.V	Green	45 mm	20 mm	0.025

Oil cups and oilers

Set of oil cups and oilers on a stand. Four cups in coloured Incalite with four oilers.



N°	Ø	Kg
17346	210 x 75 x 20 mm	0.298

Oil cups

Set of four oil cups in glass. Plastic chrome-finished stand with hinged cover.



N°	Ø	Kg
17348	85 x 40 x 27 mm	0.093



Loctite 222

Low strength threadlocker. Ideal for low-strength threadlocking of adjusting screws, countersunk head screws and set screws. Good on low strength metals which could break during dismantling, e.g. aluminium or brass. Dries in 6 hours.

N°	Description	Quantity
168.222.10	Purple	10 ml
168.222.50	Purple	50 ml



Loctite 243

Thread sealing and threadlocking. Medium strength. Works on all metals, including stainless steel, aluminium, plated surfaces.

N°	Description	Quantity
168.243.10	Loctite 243	10 ml
168.243.50	Loctite 243	50 ml



Loctite 270

High strength threadlocker. Suitable for all metal fasteners, including stainless steel, aluminium, plated surfaces and chrome-free coatings. Ideal for permanently locking studs on engine blocks and pump housings.

N°	Description	Quantity
168.270.10	Loctite 270	10 ml
168.270.50	Loctite 270	50 ml

Loctite 290

Medium to high strength threadlocker. Ideal for locking preassembled fasteners, e.g. instrumentation screws, electrical connectors and set screws.



N°	Description	Quantity
168.290.10	Loctite 290	10 ml
168.290.50	Loctite 290	50 ml

Loctite 603

High strength, oil tolerant retainer. Ideal for retaining close fitting cylindrical parts. For use on cylindrical fitting parts where thorough degreasing is not possible. Approved for use on bearings.



N°	Description	Quantity
168.603.10	Loctite 603	10 ml
168.603.50	Loctite 603	50 ml

Loctite 638

High strength, general purpose retainer. Best resistance to dynamic, axial and radial loads. Ideal for shafts, gears, pulleys and similar cylindrical parts.



N°	Description	Quantity
168.638.10	Loctite 638	10 ml
168.638.50	Loctite 638	50 ml



Watch glass cement

For unbreakable and glass watch crystals. Ensures a perfect seal between the glass and bezel. Also useful for bonding spectacle frame screws.

N°	Description	Kg
16802	9 ml (1/3 fl.Oz.)	0.018



A*F Stik instant adhesive

Cyanoacrylate-based. Suitable for all non-porous materials. Ideal for fixing pearls and gems. In boxes of 6 tubes of 2 ml.

N°	Description	Kg
16805	6 x 2 ml	0.042



SEIKO glass adhesive S-314

An excellent quality ultra-violet curing adhesive and sealant. No hardener required. For sealing mineral, sapphire watch glasses, etc.

N°	Description	Kg
168.032	10 g	0.014



Minad II - Ultraviolet glass cement

Ideal for cementing mineral watch glasses. Sets rapidly under ultraviolet light or sunlight and remains crystal clear. Supplied in a tube of 20 ml.

N°	Description	Kg
168.033	20 g	

SEIKO Mineral glass cement S-310

A specially developed, two-component, epoxy adhesive for mineral and glass watch crystals. Sets in 24 hours at room temperature or in 5 to 6 hours at 40 to 50°C. Superior bonding and high resistance to shocks. Forms perfectly transparent seal. excellent stability, non-flammable and harmless to case, dial and movement. Economic, only a small quantity is required.



N°	Kg
168.035	0.022

F-310 EPOCLEAR

A specially selected epoxy resin adhesive for watchmaking and jewellery applications. Ideal for fixing mineral watch glasses. Completely transparent and colourless after setting.

Set within 5 minutes

Fix in 40 minutes

Full bond 90 minutes

For professional use only. Avoid eye and skin contact.



N°	Contents	Kg
168.036	15 g	0.030

Dial paint

Varnish in tubes of 250 gr.



N°	Description	Kg
192.452	Black	0.250
192.453	Red	0.250
192.454	Blue	0.250
192.455	Gilt	0.250



Luminous compound

In kits containing one bottle of luminous compound, cement and solvent, applicator and cup for mixing. Available in kits of 1 gram various colours.

N°	Description	Colour	Quantity
13252.1	Kit	 Green (C7)	1 g
13252.1G	Luminous powder (C7)	 Green (C7)	1 g
13252.C	Cement	-	1 g
13252.D	Solvent	-	1 g
13253.1	Kit	 Yellow (C3)	1 g
13253.1Y	Luminous powder (C3)	 Yellow (C3)	1 g
13254.1	Kit	 White (C1)	1 g
13254.1W	Luminous powder (C1)	White (C1)	1 g
13255.1	Kit	 Dark red	1 g
13255.1R	Luminous powder	 Dark red	1 g
13256.1	Kit	 Light orange	1 g
13256.1O	Luminous powder	 Light orange	1 g
13257.1	Kit	 Dark blue (I)	1 g
13257.1B	Luminous powder	 Dark blue (I)	1 g
13258.1	Kit	 Black	1 g
13258.1BK	Luminous powder	 Black	1 g

Repairing pen

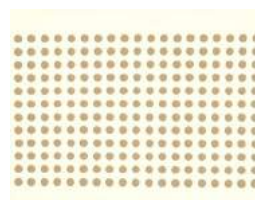
For repairing defective circuits. Silver-based process. Easy to use.



N°
350.800

Dial spots

Double-sided, self-adhesive spots, diameter 3 mm, can be used to fix the dial without feed directly to the main plate of the quartz movement. Supplied in packs of 1000 pieces.



N°	Kg
312.100	0.002

Protective film

For watch case backs and glasses. Round shape, self-adhesive, transparent with flap. Supplied in rolls of 1000 pcs of one size. (Minimum quantity per order). Diameters available : 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36 mm. Others on request. Minimum Quantity : 1000 pcs.



N°	Description	Ø	Kg
312.105.10	for watch case backs	10 mm	0.100
312.105.12	for watch case backs	12 mm	0.100
312.105.14	for watch case backs	14 mm	0.100
312.105.16	for watch case backs	16 mm	0.100
312.105.18	for watch case backs	18 mm	0.100
312.105.20	for watch case backs	20 mm	0.100
312.105.22	for watch case backs	22 mm	0.100
312.105.24	for watch case backs	24 mm	0.100
312.105.26	for watch case backs	26 mm	0.100
312.105.28	for watch case backs	28 mm	0.100
312.105.30	for watch case backs	30 mm	0.100
312.105.32	for watch case backs	32 mm	0.100
312.105.34	for watch case backs	34 mm	0.100
312.105.36	for watch case backs	36 mm	0.100
312.106.32	for watch glasses	32 mm	0.100
Other sizes on request. Please enquire.			

Protective Film

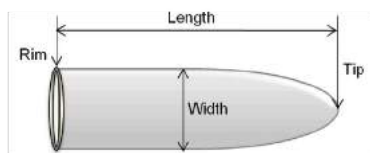
In antistatic transparent PVC. For packaging of watches, jewels or other luxury items. Prevents and protects effectively the objects of scratches, finger marks, dusts and other unwanted projections. Offers a guarantee of longer cleanliness of a new, or a repaired item.



N°	Length	Width	Thickness
312.121.50	50 m	50 mm	0.08 mm

Finger cots

Latex finger cots supplied in cardboard boxes of 144 pieces. Tough, anti-static, powder-free, textured tip. Rolled with rim for easy fitting.

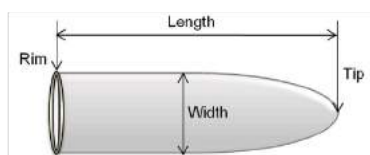


Size guide	Size S	Size M	Size L	Size XL	Size XXL
Width (mm)	23±1	26±1	29±1	32±1	35±1
Length-Rolled (mm)	70±2	70±2	70±2	70±2	70±2
Rim thickness (mm)	1.2±0.1	1.2±0.1	1.2±0.1	1.2±0.1	1.2±0.1

N°	Description	Kg
193.420L	Large	0.0920
193.420M	Medium	0.0800
193.420S	Small	0.0760
193.420XL	Extra-large	0.0970
193.420XXL	Extra extra-large	0.0970

Finger cots

Latex finger cots supplied in bag of 1440 pieces. Tough, anti-static, powder-free, textured tip. Rolled with rim for easy fitting.



Size guide	Size S	Size M	Size L	Size XL	Size XXL
Width (mm)	23±1	26±1	29±1	32±1	35±1
Length-Rolled (mm)	70±2	70±2	70±2	70±2	70±2
Rim thickness (mm)	1.2±0.1	1.2±0.1	1.2±0.1	1.2±0.1	1.2±0.1

N°	Description	Kg
193.420L-10GROSS	Large	0.830
193.420M-10GROSS	Medium	0.720
193.420S-10GROSS	Small	0.690
193.420XL-10GROSS	Extra-large	0.880
193.420XXL-10GROSS	Extra extra-large	0.880

Digigard

Protective tape ideal for anybody who handles small components, wire and coils, plastic mouldings, glass etc. Digigard is the ultimate finger and wrist protection from cuts, burns and abrasions. It is thin yet tough and allows greater dexterity and sensitivity than conventional stalls and gloves. It is a unique tape which sticks only to itself, not to the skin and allows it to breath. It improves your grip and is easily removed when the work is done. Supplied in a green colour, 30 metres per roll, 20 mm wide.



N°	Dimensions	Sales unit	Kg
193.425.1	30 m x 20 mm	1 roll	0.002
193.425	30 m x 20 mm	Bag of 16 roll	0.045



Watchmakers loupes - ASCO

High quality watchmakers loupes. Black plastic frame. Matt finish inside. Threaded ring in dural. Blue coated optics.



N°	Ø	Focale distance	Magnification	Kg
176.150.10	25 mm	1"	10 X	0.0100
176.150.15	25 mm	1½"	6.5 X	0.0100
176.150.20	25 mm	2"	5 X	0.0100
176.150.25	25 mm	2½"	4 X	0.0100
176.150.30	25 mm	3"	3.5 X	0.0100
176.150.35	25 mm	3½"	3 X	0.0100
176.150.40	25 mm	4"	2.5 X	0.0100



Aplanetic loupes - ASCO

Black plastic frame. Mat finish inside. Monobloc ring in dural. Best quality blue coated optics. Double lens aplanetic loupes.



N°	Ø	Magnification	Kg
176.152.10	14 mm	10 X	0.0140
176.152.12	14 mm	12 X	0.0140
176.152.16	14 mm	16 X	0.0140
176.152.20	14 mm	20 X	0.0140

Aplanetic loupes - ASCO



High quality watchmakers loupes. Black plastic frame. Matt finish inside. Threaded ring in dural. Best quality lens.



N°	Ø	Magnification	Kg
176.153.10	25 mm	10 X	0.0140
176.153.14	25 mm	14 X	0.0140

Achromatic loupes - ASCO



High quality achromatic loupes. Blue coated lens.



N°	Ø	Magnification	Kg
176.154.10	13 mm	10 X	0.0140
176.154.12	13 mm	12 X	0.0140
176.154.16	13 mm	16 X	0.0140
176.154.20	13 mm	20 X	0.0140
176.154.25	13 mm	25 X	0.0140



Watchmakers loupes ASCO

High quality, biconvex coated lens in a blue anodised dural frame. Knurled threaded retaining ring for the lens.



N°	Ø	Colour	Focale distance	Magnification
176.155.10	25 mm	Green	1	10 X
176.155.15	25 mm	Blue	1½	6.5 X
176.155.20	25 mm	Yellow	2	5 X
176.155.25	25 mm	Orange	2½	4 X
176.155.30	25 mm	Purple	3	3.5 X
176.155.35	25 mm	Black	3½	3 X
176.155.40	25 mm	Silver	4	2.5 X



Centering loupes - ASCO

High quality centering loupes in black anodised aluminium. Colour-coded rings according to the magnification.



N°	Ø	Colour	Magnification	Kg
176.156.05	14 mm	Yellow	5 X	0.0180
176.156.06	14 mm	Blue	6 X	0.0180
176.156.08	14 mm	Grey	8 X	0.0180
176.156.10	14 mm	Green	10 X	0.0180

Watchmakers eyeglasses

Range of excellent quality watchmakers eyeglasses. Top quality, distortion-free glass lenses. Nicely finished body in light black plastic. Lens retaining ring unscrews for easy cleaning of the lens.



N°	Ø	Focale distance	Magnification	Kg
17611.15	22 mm	1½"	6.5 X	0.014
17611.20	22 mm	2"	5 X	0.014
17611.25	22 mm	2½"	4 X	0.014
17611.30	22 mm	3"	3.3 X	0.014
17611.35	22 mm	3½"	2.8 X	0.014
17611.40	22 mm	4"	2.5 X	0.014

Aluminium watchmaker's loupes



High quality loupes in anodised and polished aluminium. Screw-on lens ring, colour coded according to the magnification. Excellent quality lens, diameter 22 mm.



N°	Ø	Colour	Focale distance	Magnification	Kg
176.158.10	22 mm	Green	1"	10 X	0.0158
176.158.15	22 mm	Blue	1½"	7 X	0.0158
176.158.20	22 mm	Yellow	2"	5 X	0.0158
176.158.25	22 mm	Orange	2½"	4 X	0.0158
176.158.30	22 mm	Purple	3"	3.5 X	0.0158
176.158.35	22 mm	Black	3½"	3 X	0.0158
176.158.40	22 mm	Silver	4"	2.5 X	0.0158



Boxwood (Buxus) watchmaker's loupes

Beautiful wooden watchmaker's loupes. Screw-on lens ring. Best quality lens.



N°	Ø	Focale distance	Magnification	Kg
176.160.15	22 mm	1½"	7 X	0.0128
176.160.20	22 mm	2"	5 X	0.0128
176.160.25	22 mm	2½"	4 X	0.0128
176.160.30	22 mm	3"	3.5 X	0.0128
176.160.35	22 mm	3½"	3 X	0.0128
176.160.40	22 mm	4"	2.5 X	0.0128

Eyeglasses

Checking eyeglasses. Two lenses. Black plastic body with threaded retaining ring.



N°	Magnification	Kg
17613	12 X	0.013
17613A	15 X	0.013

Loupe holders

Fit all watchmakers eyeglasses. In stainless steel wire with synthetic rubber end cover.



N°	Description	Ø	Kg
176.530.24	Standard model	24 mm	0.005
176.530.28	Large model	28 mm	0.005

Watchmakers eyeglasses

With headband in steel wire.



N°	Ø	Focale distance	Magnification	Kg
17618.15	22 mm	1½"	6.7 X	0.018
17618.40	22 mm	4"	2.5 X	0.018

ARY spectacle eyeglass



In plastic, glass lens, metal spring. In black plastic, glass lens, heat-lacquered metal spring.



N°	Ø	Focale distance	Magnification	Eye	Kg
17651.10	25 mm	1"	10.5 X	Right	0.017
17651.15	25 mm	1½"	6.7 X	Right	0.017
17651.20	25 mm	2"	5 X	Right	0.017
17651.25	25 mm	2½"	4 X	Right	0.017
17651.30	25 mm	3"	3.3 X	Right	0.017
17651.35	25 mm	3½"	2.8 X	Right	0.017
17651.40	25 mm	4"	2.5 X	Right	0.017
17652.10	25 mm	1"	10.5 X	Left	0.017
17652.15	25 mm	1½"	6.7 X	Left	0.017
17652.20	25 mm	2"	5 X	Left	0.017
17652.25	25 mm	2½"	4 X	Left	0.017
17652.30	25 mm	3"	3.3 X	Left	0.017
17652.35	25 mm	3½"	2.8 X	Left	0.017
17652.40	25 mm	4"	2.5 X	Left	0.017



ARY spectacle eyeglass - Mini

In plastic, glass lens, metal spring. In black plastic, glass lens, heat-lacquered metal spring. Available for right (R) or left eye (L).

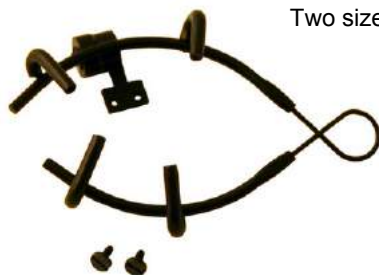


N°	Ø	Focale distance	Magnification	Eye	Kg
176.450.10	25 mm	1"	10.5 X	Right	0.017
176.450.15	25 mm	1½"	6.7 X	Right	0.017
176.450.20	25 mm	2"	5 X	Right	0.017
176.450.25	25 mm	2½"	4 X	Right	0.017
176.450.30	25 mm	3"	3.3 X	Right	0.017
176.450.35	25 mm	3½"	2.8 X	Right	0.017
176.450.40	25 mm	4"	2.5 X	Right	0.017
176.451.10	25 mm	1"	10.5 X	Left	0.017
176.451.15	25 mm	1½"	6.7 X	Left	0.017
176.451.20	25 mm	2"	5 X	Left	0.017
176.451.25	25 mm	2½"	4 X	Left	0.017
176.451.30	25 mm	3"	3.3 X	Left	0.017
176.451.35	25 mm	3½"	2.8 X	Left	0.017
176.451.40	25 mm	4"	2.5 X	Left	0.017



Springs for ARY eyeglasses

Heat-lacquered metal springs for ARY eyeglasses. Left or right eye. Two sizes available: standard or mini.



N°	Dimensions	Height	Eye
17651G	Standard	R	Right
17652G	Standard	L	Left
176.450G	Mini	R	Right
176.451G	Mini	L	Left

Extra lens for ARY loupes



Extra lens for ARY loupes. Fits to increase magnification.



08

N°

17651L

Spectacle eyeglasses

For spectacle wearers. Clip to the top of the frame and rotate upwards when not in use. Plastic body and glass lens. Suitable for left or right eye.



N°	Ø	Focale distance	Magnification	Kg
17620.10	22 mm	1"	10 X	0.017
17620.15	22 mm	1½"	6.7 X	0.017
17620.20	22 mm	2"	5 X	0.017
17620.25	22 mm	2½"	4 X	0.017
17620.30	22 mm	3"	3.3 X	0.017
17620.35	22 mm	3½"	2.8 X	0.017
17620.40	22 mm	4"	2.5 X	0.017

Binocular magnifiers

Lightweight model with good quality optics and a plastic frame. Can be also be worn over prescription spectacles if necessary. Hinged lens plate can be flipped up when not in use. Supplied in a black plastics case with a lens cleaning cloth.



N°	Magnification	Kg
176.580.150	1.5 X	0.100
176.580.175	1.75 X	0.100
176.580.225	2.25 X	0.100
176.580.275	2.75 X	0.100
176.580.350	3.50 X	0.100

Binocular magnifiers



Excellent value magnifiers for spectacle wearers, comfortable in use thanks to their light weight and excellent quality optics. The hinged lens plate and supporting arm are freely adjustable for observing the object without eye strain. The spring clip fits practically all types of spectacle frames.

N°	Dimensions	Magnification	Kg
176.582.25	63 mm (2½")	4 X	0.030
176.582.30	76 mm (3")	3.3 X	0.030

Optivisor



Top quality binocular magnifiers, replaceable optical glass lenses. Comfortable, padded felt front band and adjustable head band. Hinged visor can be raised when not in use.

N°	Magnification	Kg
17660.02	1.5 X	0.300
17660.03	1.75 X	0.300
17660.04	2 X	0.300
17660.05	2.5 X	0.300
17660.07	2.75 X	0.300
17660.10	3.5 X	0.300

Lens plates



Replacement lens plates for Optivisor binocular magnifiers.

N°	Magnification	Kg
17660L.02	1.5 X	0.035
17660L.03	1.75 X	0.035
17660L.04	2 X	0.035
17660L.05	2.5 X	0.035
17660L.07	2.75 X	0.035
17660L.10	3.5 X	0.035

Additional lens

Additional lens for left or right eye to give greater magnification.



N°	Magnification	Kg
17661	2.5 X	0.020

Diamond loupe

High quality triplet loupe with three elements, colour corrected lenses. Free of peripheral aberration. Available in chrome, gold or black finish.



N°	Ø	Colour	Magnification	Kg
146.750B	18 mm	Black	10 X	0.050
146.750C	18 mm	Chrome	10 X	0.050
146.750G	18 mm	Gold	10 X	0.050

Diamond loupe

Professional quality, jewellers loupe. Wide field lense, aplanatic and achromatic. Attractive matt black hexagonal body reduces glare. In a black leather pouch.



N°	Ø	Magnification	Kg
146.752	20.5	10 X	0.052

LED and LED+UV loupes

Two models, one incorporating an LED light for illuminating the object under observation or the other combining both LED and UV light.



N°	Description	Magnification	Kg
146.753	LED loupe	10 X	0.062
146.757	LED+UV loupe	10 X	0.052



Diamond loupe

Zeiss fine quality, aplanetic loupes with black plastic body and lens mount.

N°	Ø	Magnification	Kg
146.754	13 mm	10 X	0.012



Diamond loupes

Aplanetic precision loupes with two plano-convex lenses. Lens mounts in black metal, frame in nicked brass.

N°	Magnification	Kg
176.555.10	10 X	0.026
176.555.15	15 X	0.026
176.555.20	20 X	0.026



Linen testers

Precision model in solid brass, satin chrome finished. Fine quality, ground lens. Folds flat.

N°	Dimensions	Magnification	Kg
176.560.05	30 x 30 mm	5 X	0.125
176.560.06	25 x 25 mm	6 X	0.070
176.560.08	20 x 20 mm	8 X	0.038
176.560.10	15 x 15 mm	10 X	0.022



Chelsea filter

Also known as an emerald loupe. The special ultraviolet filter is designed to detect real emeralds from imitations.

N°	Kg
146.751	0.026

SILKON - Beading thread

A*F Silkon is a bonded synthetic fibre thread which is very popular. It is rapidly replacing silk and nylon for the following reasons:

- Does not stretch
- Is stronger than conventional nylon bead cord
- Will not cut or shred as easily as conventional silk and nylon when used with stone or metal beads
- Does not fray
- Can be used without a needle
- Supplied in handy spools which remain covered with easy non-tangle feed (covers snap on and off).

Supplied in spools of 18 and 90 metres and in 7 sizes from 1 (thin) to 7 (thick). To order indicate no. + size, for example 700.700.01.



Dimensions	Colour	Length	0	01	02	03	04	05	06	07	Kg
700.700.[xx]	White	18 m	●	●	●	●		●	●	●	0.020
700.701.[xx]	Black	18 m		●	●	●		●	●	●	0.020
700.702.[xx]	Dark brown	18 m		●	●	●		●			0.020
700.703.[xx]	Gold brown	18 m		●	●	●		●			0.020
700.704.[xx]	Dark blue	18 m	●	●	●	●		●			0.020
700.705.[xx]	Blue	18 m		●	●	●		●			0.020
700.706.[xx]	Red	18 m		●	●	●		●			0.020
700.707.[xx]	Green	18 m		●	●	●		●			0.020
700.708.[xx]	Amethyst	18 m		●	●	●		●			0.020
700.709.[xx]	Lilac	18 m		●	●	●		●			0.020
700.710.[xx]	Turquoise	18 m		●	●	●		●			0.020
700.711.[xx]	Pink	18 m		●	●	●		●			0.020
700.720.[xx]	White	90 m	●	●	●	●		●	●	●	0.030
700.721.[xx]	Black	90 m	●	●	●	●	●	●	●	●	0.030
700.722.[xx]	Dark brown	90 m		●	●	●		●			0.030
700.723.[xx]	Gold brown	90 m		●	●	●		●			0.030
700.724.[xx]	Dark blue	90 m	●	●	●	●		●			0.030
700.725.[xx]	Blue	90 m		●	●	●		●			0.030
700.726.[xx]	Red	90 m		●	●	●		●			0.030
700.727.[xx]	Green	90 m		●	●	●		●			0.030
700.728.[xx]	Amethyst	90 m		●	●	●		●			0.030
700.729.[xx]	Lilac	90 m		●	●	●		●			0.030
700.730.[xx]	Turquoise	90 m		●	●	●		●			0.030
700.731.[xx]	Pink	90 m	●	●	●	●		●			0.030



Pearl threading silk

Pearl threading silk with one needle. Natural silk. When ordering please indicate reference number and thread size.

Supplied in 12 sizes from 1 (thin) to 12 (thick). To order indicate no. + size, for example 700.550.01.

Length = 2 m.

No.	Colour	01	02	03	04	05	06	07	08	09	10	11	12	Kg
700.550	White	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.551	Black	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.570	Pink	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.571	Dark pink	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.572	Coral	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.573	Red	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.574	Garnet	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.575	Yellow	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.576	Amber	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.577	Dark blue	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.578	Lilac	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.579	Amethyst	●	●	●	●	●	●	●	●	●	●	●	●	0.016
700.580	Turquoise	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.581	Jade	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.582	Green	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.583	Cornelian	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.584	Beige	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.585	Brown	●	●	●	●	●	●	●	●	●	●	●	●	0.002
700.586	Grey	●	●	●	●	●	●	●	●	●	●	●	●	0.002



Tigertail

This top quality beading wire is a high tensile strength wire suitable for modern, ethnic style necklaces. Can also be used as decorative elements of contemporary jewellery. Made from braided stainless steel wire coated with a nylon sheath. Will not stretch or break and resists sharp edges of pierced stones. Supplied in reels of 9.23 metres (30') and in three diameters.

On request : Also available in 30 metres (100') and 90 metres (300') rolls.

N°	Description	Length	Ø	Colour	Strands	Kg
700.540.12	Fine	9.23 m (30')	0.31 mm	Steel	3	0.021

Continued from previous page

Tigertail

N°	Description	Length	Ø	Colour	Strands	Kg
700.540.18	Medium	9.23 m (30')	0.45 mm	Steel	7	0.021
700.540.22	Thick	9.23 m (30')	0.56 mm	Steel	7	0.021
700.543.12	Fine	9.23 m (30')	0.31 mm	Antique gold	3	0.021
700.543.18	Medium	9.23 m (30')	0.45 mm	Antique gold	7	0.021
700.543.22	Thick	9.23 m (30')	0.56 mm	Antique gold	7	0.021
700.544.12	Fine	9.23 m (30')	0.31 mm	Ivory	3	0.021
700.544.18	Medium	9.23 m (30')	0.45 mm	Ivory	7	0.021
700.544.22	Thick	9.23 m (30')	0.56 mm	Ivory	7	0.021
700.545.12	Fine	9.23 m (30')	0.31 mm	Black	3	0.021
700.545.18	Medium	9.23 m (30')	0.45 mm	Black	7	0.021
700.545.22	Thick	9.23 m (30')	0.56 mm	Black	7	0.021
700.546.12	Fine	9.23 m (30')	0.31 mm	Orange red	3	0.021
700.546.18	Medium	9.23 m (30')	0.45 mm	Orange red	7	0.021
700.546.22	Thick	9.23 m (30')	0.56 mm	Orange red	7	0.021
700.547.12	Fine	9.23 m (30')	0.31 mm	Satin gold	3	0.021
700.547.18	Medium	9.23 m (30')	0.45 mm	Satin gold	7	0.021
700.547.22	Thick	9.23 m (30')	0.56 mm	Satin gold	7	0.021
700.548.12	Fine	9.23 m (30')	0.31 mm	Magenta	3	0.021
700.548.18	Medium	9.23 m (30')	0.45 mm	Magenta	7	0.021
700.548.22	Thick	9.23 m (30')	0.56 mm	Magenta	7	0.021
700.549.12	Fine	9.23 m (30')	0.31 mm	Blue green	3	0.021
700.549.18	Medium	9.23 m (30')	0.45 mm	Blue green	7	0.021
700.549.22	Thick	9.23 m (30')	0.56 mm	Blue green	7	0.021

French wire

French wire (gimp, bullion) supplied in plastic boxes containing one strand of approximately 90 to 100 cm. To cover both ends of the bead cord between the last pearl and the clasp.



N°	Description	Ø	Kg
700.620.08	Silvered	0.80 mm	0.010
700.620.10	Silvered	1.00 mm	0.010
700.620.14	Silvered	1.40 mm	0.010

Continued from previous page

French wire

N°	Description	Ø	Kg
700.625.08	Yellow gilt	0.80 mm	0.010
700.625.10	Yellow gilt	1.00 mm	0.010
700.625.14	Yellow gilt	1.40 mm	0.010

09

Spiral needles for stringing

Spiral needles for stringing pearls. In bags of 25 pieces. Available in three sizes.



N°	Description	Sales unit	Kg
700.595F	Fine	bag / 25	0.001
700.595G	Thick	bag / 25	0.001
700.595M	Medium	bag / 25	0.001

Bead reamer set



An extremely useful tool for working with beads. Used for enlarging and finishing holes. Set of diamond coated reamers stored in a handy aluminium handle with screw cap including one standard tapered reamer, one large tapered reamer for jumbo beads, one countersink for finishing the edges of holes. The handle is knurled with a removable rubber grip and pocket clip. The reamers are held in a quick release chuck.

N°	Description	Kg
170.485	Bead reamer set	0.045
170.485.05	Standard reamer	0.045
170.485.50	Countersink	0.045
170.485.55	Large reamer	0.045

Bead crimping plier

An invaluable tool for rapidly squeezing crimps to close loops of bead stringing wire or filaments for attachment to various types of clasps. Eliminates unsightly sharp edge crimps formed by conventional crimping methods. The small size of the closed crimp allows it to be hidden inside barrel-style bead tips. Used with bead crimps up to 3 mm in diameter to produce final closed crimps of 2 mm in diameter. Use two positions in the jaws, firstly the inner to close the crimp, secondly the outer to produce a round shaping of the crimp.



N°	Length	Kg
180.540	135 mm	0.080

Bead crimps

Supplied in bags of 100 pces. Available in gilt and silver finish. For best results use with our pliers no. 180.540.



N°	Description	Sales unit	Kg
700.541	Yellow gilt finish	bag / 100	0.0035
700.542	Silver finish	bag / 100	0.0035

Pearl holder

For accurate drilling of all types of pearls, big or small, round or irregular. The pearls are rapidly and accurately held in place. Complete with two reversible and hollow dies in brass, diameter 4 and 8 mm for holding the pearls. The drilling hole size is a standard 1.00 mm. Can be used with a vertical drilling machine, hand drill or any other drilling tools. In nickel plated solid brass. Supplied with a hexagonal key.



N°	Dimensions	Kg
664.520	50 x 50 x 35 mm	0.335



Pearl holder

Nickel finish, thirteen holes, for pearls up to a diameter of 8 mm.

N°	Ø	Kg
330.506	Max. 8 mm	0.030

Sorting tray

Sorting tray in black lacquered wood with three grooves.



N°	Dimensions	Kg
143.150	15 x 95 x 350 mm	0.310

Diamond Selector II

A highly reliable, superior quality tester for distinguishing diamonds from simulant stones. Well balanced for comfortable use and carefully finished in an attractive matt black leather pouch. Features:

- Use with any settings: loose stones, stones set in rings, pendants, earrings, bracelets, watches.
- Any shape: tapered, meeled, round, square, rough, etc.
- Any size: from 0.02 carat upwards.
- Dual indicator: by a sound signal as well as a level meter light display featuring segments in two colour ranges.
- Metal alert: a loud, low tone buzzer warns you when the probe tip comes into contact with metal.
- Adjustable: sensitivity can be varied according to the size of the stone and the ambient temperature.
- Handy design, amazingly compact, easy to use.
- Totally portable: battery powered for complete independence and reliability.

Detects the presence of the following diamond simulants: cubic zirconia, synthetic white spinel, rutile, strontium titanate, zircon, white sapphire, G.G.G., Y.A.G., lithium tantalate.

Supplied with one 9V battery, metal stone holder for loose stones, protective pouch.



09

N°	Description	Dimensions	Kg
143.280	Diamond Selector II	157 x 40 x 21 mm	0.080

Diamond Selector III

A highly reliable, superior quality tester for distinguishing diamonds from simulant stones. Carefully finished in an attractive matt black case in tough plastic.

Will easily detect the presence of cubic zirconia, synthetic white spinel, rutile, strontium titanate, zircon, white sapphire, G.G.G., Y.A.G., lithium tantalate. Supplied with two 1.5V batteries, stone holder and protective cover.

Use with:

- Any settings
- Any shape of stone
- Any size from 0.02 carat upwards
- Dual indicator: sound signal and level meter light display
- Metal alert: buzzer tone when contact with metal is made
- Adjustable sensitivity according to size of stone and temperature
- Pocket size.



N°	Description	Dimensions	Kg
143.281	Diamond Selector III	85 x 54 x 15 mm	0.070



Twin tester

New tester easy to use. Distinguishes in one light touch diamonds from simulant stones such as Moissanite and cubic zirconia, etc. Features:

- Use on loose or set stones
- Any size from 0.05 carat upwards
- Built-in metal detector
- Low batteries indicator
- Six minute shut-off alert to save battery
- Power supply: 3 pcs AAA batteries or outer power of 6V.

Important: For stones smaller than 0.1 carat, allow a few seconds for the stone to cool down to room temperature between tests.

N°	Description	Dimensions	Kg
143.285	Twin Tester	170 x 40 x 20 mm	0.090

Stone and pearl gauge



A versatile pocket fan gauge in stainless steel. For measuring different cuts, brilliant, marquis, pear, square, emerald and oval. Calibrated in carat weights from 0.01 to 6.00. Excellent quality. Length closed 9 cm.

N°	Description	Length	Kg
143.101	0.010 - 6.00 carats	9 cm	0.050

Stone and pearl gauges



Fan type stone and pearl gauges in nickelled brass.

N°	Description	Carats	Kg
143.102	3 arms	0.01 - 4.00	0.025
143.103	4 arms	0.01 - 6.00	0.030
143.105	5 arms	0.01 - 8.00	0.040

Stone gauges

Gauges for stones in German silver.



N°	Description	Carats	Kg
143.108	Rectangular	0.01 - 4.00	0.015
143.109	Oval	0.01 - 4.00	0.015

Stone and mounting gauge

The holes are used for measuring stones and the projections for mountings. In aluminium with millimeter marking on one side and carats on the other. Range: 2.00 to 11.00 mm in increments of 0.50 mm. 1/32 to 4 carats.



N°	Description	Kg
143.107	2.00 - 11.00 mm / 1/32 - 4 cts	0.013

Moe diamond gauge

For estimating the weight of mounted diamonds. No necessity to remove the stone from the setting. Supplied with a booklet of tables in four languages for calculating according to the measurements.



N°	Kg
143.250	0.040



Diamond scoops

Small scoop in polished stainless steel for diamonds and other precious gems. Available with or without handle.

N°	Description	Dimensions	Kg
143.254	Without handle	50 x 65 mm	0.020
143.255	With handle	50 x 65 mm	0.025



Sorting tray

Sorting tray for pearls and gems. Black colour in hard plastic (bakelite).

N°	Description	Dimensions	Kg
143.120	Black	13 x 95 x 180 mm	0.180



Sorting tray

Sorting tray for stones, pearls, findings, etc.

N°	Description	Dimensions	Kg
143.125	Black	100 x 60 x 15 mm	0.015



Sorting trays

Sorting trays for stones and pearls. Small model in white or black plastic.

N°	Description	Dimensions	Kg
143.135	White	65 x 100 mm	0.030

Continued from previous page

Sorting trays

N°	Description	Dimensions	Kg
143.136	Black	65 x 100 mm	0.030

Diamond sieves

Holder in chrome plated brass with German silver plates. Set of plates, diameter 50mm, hole sizes 0 to 20.



N°	Description	Size	Steps	Kg
143.110	Set of 21 plates	0 to 20	0.1 mm	0.250
143.111	Set of 41 plates	0 to 20	0.05 mm	0.400

Stone display rings

In white metal to show customers how the stone will look when mounted. The shank acts as a spring to grip the loose stone in the prongs.



N°	Description	Colour	Carats	Kg
139.255	Large model	White	2.0 to 5.0	0.005
139.255G	Large model	Yellow	2.0 to 5.0	0.005
139.256	Small model	White	0.5 to 2.5	0.005
139.256G	Small model	Yellow	0.5 to 2.5	0.005



UV penlight - long waves

Instrument which detects the fluorescent reaction of diamond. Used to judge the colour grading, positioning of stones. Distinguishes stones according to the distinctive colour emitted by the long wave UV light. Applies to gems such as natural ruby from Myanmar, opal, amber synthetic ruby, spinel and sapphire, YAG, etc.

Many natural diamonds emit a distinctive glowing blue colour under UV light and other coloured diamonds give a particular light.

1 LR6 (Size AA) battery not included.

N°	Description	Length	Battery	Kg
143.276	UV pen light	100 mm	1x LR6 (AA) not included	0.050

Beading tools

Top quality in hardened tool steel. Available in various sizes, see below.



N°	Length	Ø ext.	Ø int.	Kg
139.121.0	60 mm	2.6 mm	0.25 mm	0.003
139.121.01	60 mm	2.6 mm	0.30 mm	0.003
139.121.02	60 mm	2.6 mm	0.35 mm	0.003
139.121.03	60 mm	2.6 mm	0.40 mm	0.003
139.121.04	60 mm	2.6 mm	0.45 mm	0.003
139.121.05	60 mm	2.6 mm	0.50 mm	0.003
139.121.06	60 mm	2.6 mm	0.55 mm	0.003
139.121.07	60 mm	2.6 mm	0.60 mm	0.003
139.121.08	60 mm	2.6 mm	0.65 mm	0.003
139.121.09	60 mm	2.6 mm	0.70 mm	0.003
139.121.10	60 mm	2.6 mm	0.75 mm	0.003
139.121.11	60 mm	2.6 mm	0.80 mm	0.003
139.121.12	60 mm	2.6 mm	0.85 mm	0.003
139.121.13	60 mm	2.6 mm	0.90 mm	0.003
139.121.14	60 mm	2.6 mm	0.95 mm	0.003
139.121.15	60 mm	2.6 mm	1.00 mm	0.003
139.121.16	60 mm	2.6 mm	1.05 mm	0.003
139.121.17	60 mm	2.6 mm	1.10 mm	0.003
139.121.18	60 mm	2.6 mm	1.15 mm	0.003
139.121.19	60 mm	2.6 mm	1.20 mm	0.003
139.121.20	60 mm	2.6 mm	1.25 mm	0.003
139.121.21	60 mm	2.6 mm	1.30 mm	0.003
139.121.22	60 mm	2.6 mm	1.35 mm	0.003

Beading tool sets

Sets of tools and handle on a plastic stand with transparent cover. Two sets available.

- Set 1 contains 12 beading tools nos. 2, 4, 6 to 14, 16.
- Set 2 contains 23 beading tools nos. 0 to 22.



N°	Description	Kg
139.120	12 beading tools	0.075

Continued from previous page

Beading tool sets

N°	Description	Kg
139.123	23 beading tools	0.090

09

Beading tool handle



In wood with steel ferrule and brass sleeve. Suitable for all standard size beading tools.

N°	Kg
139.130	0.012



Fion tools

Fion tools in brass for forming or reshaping the ends of beading tools.



N°	Description	Shape	Kg
139.105	12 sunken bead inserts	Rectangular	0.055
139.106	12 sunken bead inserts	Round	0.040
139.107	12 raised points	Rectangular	0.055
139.108	12 raised points	Round	0.040



Fion tool

A superior quality fion tool, machined entirely from hardened steel
Forty highly polished bead inserts in six or seven sizes.



N°	Dimensions	Bead Ø (mm)	Kg
139.115	60 x 28 x 15 mm	0.60 0.65 0.80 1.00 1.25 1.50 1.75	0.215

Millgrain wheels

In steel with square shaft and oval dies. Available in sizes
from 0 (smallest) to 15 (largest).



N°	Length	Sizes	Kg
107.290.0	70 mm	0	0.003
107.290.01	70 mm	01	0.003
107.290.02	70 mm	02	0.003
107.290.03	70 mm	03	0.003
107.290.04	70 mm	04	0.003
107.290.05	70 mm	05	0.003
107.290.06	70 mm	06	0.003
107.290.07	70 mm	07	0.003
107.290.08	70 mm	08	0.003
107.290.09	70 mm	09	0.003
107.290.10	70 mm	10	0.003
107.290.11	70 mm	11	0.003
107.290.12	70 mm	12	0.003
107.290.13	70 mm	13	0.003
107.290.14	70 mm	14	0.003
107.290.15	70 mm	15	0.003



Bezel pusher

For rolling bezels around stones. In steel with a polished flat tip and a wooden handle.

N°	Length	Kg
107.770	90 mm	0.025



Prong pusher

For pushing prongs or crown points around stones. In steel with a grooved tip and a wooden handle.

N°	Length	Kg
107.771	90 mm	0.025



Bezel roller

Polished steel rocker with half-round head. Rolls and pushes bezel against the stone. Recommended for large settings such as brooches and pendants.

N°	Kg
107.772	0.025

Prong lifter



Special tool for removing stones from claw settings without damaging the prongs or gems. Fine quality in hardened steel with grey plastic handle. Seven different notches.



N°	Length	Kg
139.250	130 mm	0.050

09

Setting closers

Sets of setting burnishers in hardened steel for closing settings over the stones. Supplied in a polished wooden case with a screw chuck handle.

Set of 12 setting closers, Ø (mm): 1.00 - 1.50 - 2.00 - 2.50 - 3.00 - 3.50 - 4.00 - 5.00 - 5.50 - 6.00 - 7.00 - 8.00.

Set of 18 setting closers, Ø (mm): 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.25 - 2.50 - 2.75 - 3.00 - 3.25 - 3.50 - 4.00 - 4.50 - 5.00 - 5.50 - 6.00 - 7.00 - 8.00.

Set of 24 setting closers, Ø (mm): 1.50 - 1.75 - 2.00 - 2.25 - 2.50 - 2.75 - 3.00 - 3.25 - 3.50 - 3.75 - 4.00 - 4.25 - 4.50 - 4.75 - 5.00 - 5.25 - 5.50 - 6.00 - 6.50 - 7.00 - 7.50 - 8.00 - 9.00 - 10.00.

Also available individually:

Ø 1.00 to 5.50 mm, progression 0.25 mm

Ø 6.00 to 8.00 mm, progression 0.50 mm

Ø 9.00 to 10.00 mm, progression 1.00 mm.

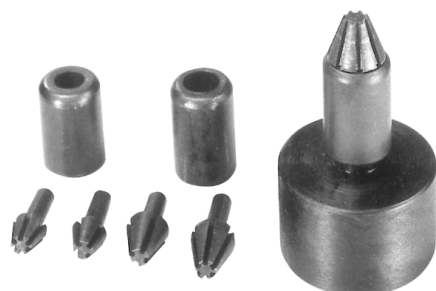


N°	Description	Ø	Kg
107.775	Set of 12 pieces		0.200
107.776	Set of 18 pieces		0.280
107.777	Set of 24 pieces		0.360
107.778.100	Setting closers alone	1.00	0.010
107.778.125	Setting closers alone	1.25	0.010
107.778.150	Setting closers alone	1.50	0.010
107.778.175	Setting closers alone	1.75	0.010
107.778.200	Setting closers alone	2.00	0.010
107.778.225	Setting closers alone	2.25	0.010
107.778.250	Setting closers alone	2.50	0.010
107.778.275	Setting closers alone	2.75	0.010
107.778.300	Setting closers alone	3.00	0.010

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Setting closers

N°	Description	Ø	Kg
107.778.325	Setting closers alone	3.25	0.010
107.778.350	Setting closers alone	3.50	0.010
107.778.375	Setting closers alone	3.75	0.010
107.778.400	Setting closers alone	4.00	0.010
107.778.425	Setting closers alone	4.25	0.010
107.778.450	Setting closers alone	4.50	0.010
107.778.475	Setting closers alone	4.75	0.010
107.778.500	Setting closers alone	5.00	0.010
107.778.525	Setting closers alone	5.25	0.010
107.778.550	Setting closers alone	5.50	0.010
107.778.600	Setting closers alone	6.00	0.010
107.778.650	Setting closers alone	6.50	0.010
107.778.700	Setting closers alone	7.00	0.010
107.778.750	Setting closers alone	7.50	0.010
107.778.800	Setting closers alone	8.00	0.010
107.778.900	Setting closers alone	9.00	0.010
107.778.1000	Setting closers alone	10.00	0.010



Claw setting jig

Tool for making claw settings, size 0.15 to 2 carats with 4, 6 and 8 prongs, small or large. The required number of wires are inserted into the slots, gripped by the retaining ring and the ends are then soldered together. The retaining ring is then withdrawn, the setting removed and cut to the desired length. All accessories in blackened steel.

N°	Kg
107.780	0.140

Dapping and swage block

Used by jewellers to form simple geometric shapes in sheet metal. Finely machined in high quality hardened steel.

Features:

14 Hemispherical holes, diameters 3 to 18 mm

18 Half-round channels, widths 3 to 26 mm

5 Oval holes, lengths 15 to 20 mm. 2 "V" channels, width 2 mm.

2 Tapered half-round channels, maximum widths 4 and 6 mm.



N°	Description	Size	Kg
139.318	Dapping and swage block	210 x 30 x 30 mm	1.300

Jewellers anvil

In good quality hardened steel. One horn round and one half-round and flat with a hole for working on wire. Smoothly machined rectangular working surface 50 x 30 mm. Base size 65 x 30 mm with threaded hole for screwing the bench.



N°	Length	Height	Colour	Kg
160.040	115 mm	40 mm	-	0.515

Anvil

In forged steel with tang. Polished head in hardened steel.



N°	Length	Height	Kg
160.025	130 mm	115 mm	0.630

Anvil

In hardened steel on a lacquered stand in cast iron.



N°	Length	Height	Kg
160.035	105 mm	75 mm	0.670



Bench blocks

Polished blocks in case hardened steel, ground flat and smooth. Used for hammering and flattening.

N°	Dimensions	Kg
187.410	50 x 50 x 20 mm	0.220
187.411	60 x 60 x 20 mm	0.690
187.412	70 x 70 x 30 mm	1.120
187.413	80 x 80 x 30 mm	0.970

Dapping block



Reversible type in hardened steel. Supplied complete with 31 holes and 31 punches in diameters from 2 to 32 mm.

N°	Dimensions	Ø	Kg
139.315	147 x 147 x 29mm	2 - 32 mm	4.300

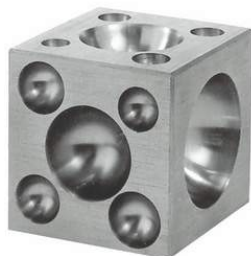
Dapping blocks



Used for making hemispheres in sheet metal. In iron with polished holes in the upper surface only.

N°	Description	Dimensions	Kg
139.374	27 holes	135 x 65 x 20 mm	0.940
139.375	32 holes	155 x 90 x 24 mm	1.650

Dapping dies



Doming blocks for use with cutters and punches to form hemispheres in sheet metal. 21 Highly polished holes in various sizes on the six working surfaces.

N°	Description	Dimensions	Kg
139.300	Steel	49 x 49 mm	0.670
139.301	Brass	65 x 65 mm	1.360
139.311	Steel	65 x 65 mm	1.300

Swage block

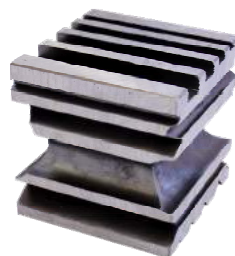
Rectangular type in hardened steel with 12 half round grooves of varying sizes.



N°	Dimensions	Kg
139.312	115 x 80 x 30 mm	1.940

Swage block

Cubic stake in tempered steel with six polished working surfaces. 19 grooves and slots of different shapes and sizes: square, rectangular, half-round and "V" shape.



N°	Dimensions	Kg
139.317	55 x 55 mm	1.290

Stamping blocks and punches

Top quality in tempered steel, accurately milled. Supplied with a corresponding punch.



N°	Description	Dimensions	Angle	Holes	Kg
139.330	Round	98 x 98 x 32 mm	28°	5 - 20 mm	2.700
139.330.A	Round	98 x 98 x 32 mm	17°	5 - 20 mm	2.700
139.331	Oval	98 x 98 x 32 mm	17°	4 - 14 mm	3.600
139.351	Hexagonal	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.352	Square	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.353	Octagonal	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.354	Triangle	98 x 98 x 32 mm	17°	4 - 14 mm	1.850
139.355	Square chamfered	98 x 98 x 32 mm	17°	4 - 14 mm	1.880
139.356	Rectangular	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.357	Rectangular chamfered, narrow	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.358	Rectangular chamfered	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.360	Rectangular, high	98 x 98 x 32 mm	17°	4 - 14 mm	1.900
139.361	Oval thin	98 x 98 x 32 mm	17°	5 - 14 mm	1.900
139.362	Pear	98 x 98 x 32 mm	17°	5 - 14 mm	1.900
139.363	Pear, narrow	98 x 98 x 32 mm	17°	5 - 14 mm	1.900

Dapping punches



Finest quality and finish in high grade steel, mirror-polished and hardened. All are individually numbered.
Set of 24 pcs.

Diameters : 2.7 mm, 3.6 mm, 4.2 mm, 4.9 mm, 5.5 mm, 6.5 mm, 7 mm, 8 mm, 9 mm, 10 mm, 10.8 mm, 11.2 mm, 12.2 mm, 13 mm, 13.8 mm, 14.6 mm, 15.5 mm, 16.7 mm, 17.3 mm, 18.5 mm, 20 mm, 21 mm, 23 mm, 24.5 mm.

N°	Description	Ø	Kg
139.502	24 dapping punches	2.7 mm à 24.5 mm	1.750

Draw plates

Superior quality in tempered steel.



N°	Shape	Hole mm	No. holes	Size mm	Kg
149.547	Round	1.25 - 2.20 mm	20	8 x 45 x 200	0.700
149.550	Half-round	3.00 - 6.00	31	10 x 50 x 235	0.800
149.550A	Half-round	1.00 - 3.00	20	7 x 35 x 165	0.340
149.550C	Half-round	6.00 - 9.00	31	11 x 60 x 270	1.300
149.551	Pear	3.00 - 6.00	31	10 x 50 x 235	0.800
149.551C	Pear	6.00 - 9.00	31	10 x 50 x 235	0.800
149.552	Oval	3.00 - 6.00	31	10 x 50 x 235	0.800
149.552C	Oval	6.00 - 9.00	31	10 x 50 x 235	0.800
149.553	Square	3.00 - 6.00	31	10 x 60 x 275	1.050
149.553A	Square	0.50 - 3.00	31	7 x 35 x 165	0.340
149.553B	Square	F - 2.00	20	7 x 35 x 165	0.340
149.554	Oblong	3.00 - 6.00	31	10 x 50 x 240	0.850
149.554A	Oblong	1.00 - 3.00	20	7 x 35 x 165	0.340
149.554C	Oblong	3.00 - 6.00	31	10 x 60 x 270	1.270
149.555	Triangular	3.00 - 6.00	31	10 x 50 x 235	0.800
149.555C	Triangular	6.00 - 9.00	31	10 x 50 x 235	0.800
149.556	Round	3.00 - 6.00	31	10 x 50 x 235	0.800
149.556A	Round	0.50 - 3.00	31	7 x 35 x 165	0.340
149.556B	Round	F - 2.00	31	7 x 35 x 165	0.340
149.557	Marquise	3.00 - 6.00	31	10 x 50 x 235	0.840
149.557C	Marquise	6.00 - 9.00	31	10 x 60 x 270	1.250

Drawplates - Tungsten carbide

Steel base plates with tungsten carbide hard metal inserts.
Round holes. Excellent value and quality.



N°	Dimensions	Shape	Ø holes	Holes	Kg
149.548	208 x 46 x 6 mm	Round	0.26 - 1.00 mm	24	0.520
149.549	210 x 47 x 7.5 mm	Round	0.26 - 2.80 mm	39	0.430
149.560.03	208 x 46 x 7 mm	Half-round	0.55 - 3.00 mm	30	
149.560.05	208 x 46 x 7 mm	Half-round	3.10 - 5.00 mm	20	
149.560.07	208 x 46 x 7 mm	Half-round	5.10 - 7.00 mm	20	
149.562.05	208 x 46 x 7 mm	Oval	3.10 - 5.00 mm	20	
149.563.03	208 x 46 x 7 mm	Square	0.55 - 3.00 mm	30	
149.563.05	208 x 46 x 7 mm	Square	3.10 - 5.00 mm	20	
149.563.07	208 x 46 x 7 mm	Square	5.10 - 7.00 mm	20	
149.565.05	208 x 46 x 7 mm	Triangular	3.10 - 5.00 mm	20	
149.565.11	208 x 46 x 7 mm	Triangular	3.00 - 1.10 mm	20	
149.623	300 x 52 x 9.5 mm	Round	2.30 - 6.00 mm	24	1.120

Ring stretcher

Simple inexpensive tool in steel. Tapping insert with a hammer expands the mandrel. Allows enlargement to 6 sizes.



N°	Height	Ø	Kg
106.770	145 mm	17-18 / 19-20.5 / 22-23 mm	0.280



Ring stretcher

The original, superb quality tool for enlarging rings set with stones by rolling the ring shank. Also suitable for wedding rings. Seventeen polished steel rollers for different shapes and styles of rings.

N°	Description	Length	Height	Kg
106.760	Tool with 17 rollers	180 mm	100 mm	1.150
106.760A	Set of 17 rollers	180 mm	100 mm	0.200

Wax smoothing plane

A hardened steel plate with multiple sharp ridges used for smoothing the surface of wax blocks. Includes a block holder and non-slip mat.



N°	Description	Dimensions	Thickness
107.116	Complete set		
107.116H	Safety holder	38 x 93 mm	3.5 mm
107.116M	Non slip mat		
107.116P	Plane		

Max wax

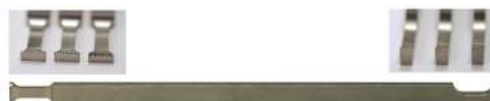
Introducing the ultimate cordless wax tool. This battery powered pen provides heat up to 850°, with finger pressure control. Perfect for design work or for everyday bench work, the microtip is designed to smoothly transfer wax to models and produce the smallest details and patterns. Form beads, whisk away flares or spray and repair accidents. A special cover protects the tip (n°1) and power switch. Use one alkaline AA 1.5V battery.



N°	Description	Length	Kg
105.760	Wax pen (with 105.760.1)	150 mm	0.040
105.760.1	Spare tip (supplied with tool)	-	0.0010
105.760.2	Spare tip	-	0.0010
105.760.3	Spare tip	-	0.0010
105.760.4	Spare tip	-	0.0010
105.761	Spare tip assortment (no. 2 - 3 -4)	-	0.0200

Wax lining tool set

Set of three wax tools used to draw patterns on wax. Double-ended with rough, medium and fine teeth.



N°	Description	Length	Kg
107.115	Wax lining tools	145 mm	0.0660



Hard metal wax bur set

These coarse cut burs are perfect not only for carving wax models but also good for wood working. Deep fluting and sharp teeth give a clean cut and fast result with no clogging. Heads machined from tungsten carbide alloy for longer life. Ten different shapes mounted on industry standard 3/32" (2.34 mm) shanks.

N°	Description	Kg
172.855	Wax bur set	0.0870

09



Set of wax files

Good value, coarse cut needle files for working on wax models. Sharp teeth ensure a quick cut and will not clog. Five shapes, round, half-round, flat, three-square and crossing. Overall length 17 cm, cut length 6 cm.

N°	Description	Length	Kg
175.725	Set of wax files	17 cm	0.070

Wax carving tools

Set of wax carving tools in stainless steel. Excellent quality. Available in a set of 18 pieces or individually.



N°	Description	Length	Kg
107.110	Set of wax carving tools		0.510
107.110.01	Wax carving tool (1)	130 mm	0.030
107.110.02	Wax carving tool (2)	125 mm	0.030
107.110.03	Wax carving tool (3)	125 mm	0.030
107.110.04	Wax carving tool (4)	135 mm	0.030
107.110.05	Wax carving tool (5)	135 mm	0.030
107.110.06	Wax carving tool (6)	130 mm	0.030
107.110.07	Wax carving tool (7)	125 mm	0.030
107.110.08	Wax carving tool (8)	125 mm	0.030

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Wax carving tools

N°	Description	Length	Kg
107.110.09	Wax carving tool (9)	135 mm	0.030
107.110.10	Wax carving tool (10)	130 mm	0.030
107.110.11	Wax carving tool (11)	125 mm	0.030
107.110.12	Wax carving tool (12)	125 mm	0.030
107.110.13	Wax carving tool (13)	125 mm	0.030
107.110.14	Wax carving tool (14)	125 mm	0.030
107.110.15	Wax carving tool (15)	45 mm	0.010
107.110.16	Wax carving tool (16)	45 mm	0.010
107.110.17	Wax carving tool (17)	41 mm	0.010
107.110.18	Wax carving tool (18)	41 mm	0.010



Electric hand engraver

For marking steel, brass, aluminium, copper, silver, plastics, ceramics, glass, pewter etc. Calibrated stroke adjustment and powerful reciprocating motor delivering 7200 strokes per minute. Designed for trouble-free use. Supplied ready for use with a tungsten carbide point. Voltage : 220V only

N°	Description	Kg
145.820	Engraver	0.360
145.822	Tungsten carbide point	0.005
145.823	Diamond point	0.005



Jewellery marking pliers

In polished stainless steel for marking all precious metals including white gold. Works on both flat and curved surfaces. Very easy to use, slight pressure only required. Punches in hardened steel not included, must be ordered separately.

N°	Description	Dimensions	Kg
125.585	Pliers	130 mm	0.350
139.332	Punch - SS	0.65 mm	0.004
139.333	Punch - 9K	0.65 mm	0.004
139.334	Punch - 10K	0.65 mm	0.004
139.337	Punch - 585	0.65 mm	0.004
139.338	Punch - 800	0.65 mm	0.004
139.339	Punch - 925	0.65 mm	0.004
139.341	Punch - 14K	0.65 mm	0.004
139.342	Punch - 18K	0.65 mm	0.004



Stamping punches

For marking the inside of rings or virtually any item that needs to be quality stamped. Best quality, super hardened steel. Other marks available on request.

N°	Description	Height	Kg
139.335.01	9K	0.55 mm	0.050

Continued from previous page

Stamping punches

N°	Description	Height	Kg
139.335.02	14K	0.55 mm	0.050
139.335.03	18K	0.55 mm	0.050
139.335.04	9CT	0.55 mm	0.050
139.335.05	14CT	0.55 mm	0.050
139.335.06	18CT	0.55 mm	0.050
139.335.07	333	0.55 mm	0.050
139.335.08	585	0.55 mm	0.050
139.335.09	750	0.55 mm	0.050
139.335.10	800	0.55 mm	0.050
139.335.11	900	0.55 mm	0.050
139.335.12	925	0.55 mm	0.050
139.335.13	SS	0.55 mm	0.050
139.335.14	950PT	0.55 mm	0.050

09

Letter punches

Set of 26 letters and one "&". In hardened steel in a plastic blue box.



N°	Height of characters	Kg
139.345	1.50 mm	0.470

Dividers

Spring dividers for scribing circles and finding centres. In steel with quick setting nut.



N°	Length	Opening	Kg
143.400	125 mm	100 mm	0.063
143.401	75 mm	100 mm	0.046



Pen scriber

With rapidly replaced tip and hexagonal handle. Supplied with 12 replacement points inside the handle.

N°	Description	Kg
143.425	Scriber	0.015
143.425.1	10 replacement points	0.020



Pen scriber

Pocket model with clip and tip in tungsten carbide, aluminium body. The removable tip screws into the handle when not in use.

N°	Description	Length	Kg
143.423	Scriber	180 mm	0.0238
143.423.1	Replacement carbide point		0.0014



Scriber

Tungsten carbide scribing point. Fixed in a pencil type knurled metal holder for better grip.

N°	Description	Kg
143.426	Scriber	0.0324



Automatic punch

Impact by a spring, adjustable by means of a knurled head. The force can be varied between 2.25 and 13.5 kg. The machined point is hardened and can be replaced.

N°	Description	Length	Kg
182.205	Punch	120 mm	0.090
182.205.1	Replacement points	-	0.010

Micro Torch

- New model ! Self-contained torch with piezo-electronic ignition for soldering, pyrography, plastic cutting and bending, etc.
- Convenient one push button for both ignition and flame adjustment
 - Rechargeable with standard butane gas for cigarette lighters
 - Working time 60-70 min.
 - High temperature flame approx. 1300°C (2370°F).



09

N°	Description	Kg
129.172	Micro Torch	0.249

Aquaflame soldering machine

A welding and soldering machine based on the principle of the electrolysis of distilled water to produce the combustible gases, hydrogen and oxygen. This unit features the latest techniques and is completely safe and quiet in use. Produces a very high temperature miniature flame, the size according to the interchangeable tip used. Used extensively for fine work by jewellers, watchmakers and in precision industries. Can also be used for flame smoothing acrylic plastics such as perspex, plexiglass, etc. Supplied with two tips No. 20 and 25.



Power : 1200 W

Gas production per hour : 240 lt.

N°	Description	Dimensions	Voltage	Kg
129.195.1200	Aquaflame soldering machine	440 x 395 x 320 mm	1.20 kW	50
129.195.020	Replacement tip	No. 20 - Ø 0.58 mm	-	0.020
129.195.025	Replacement tip	No. 25 - Ø 0.25 mm	-	0.020

Torch Mate lighter

An automatic bench top lighter for torches. Simply place the torch tip on the lighter for ignition. Uses two 1.5V AA batteries.



N°	Dimensions	Kg
129.160	90 x 50 x 70 mm	0.165

Wick



Replacement wick for spirit lamps. Length 18 cm. Diameter 4 mm.

N°	Kg
174.230M	0.005

Binding wire



In iron for holding parts together while soldering. In reels of 250 grams.

N°	Ø	Kg
129.300.22	0.28 mm	0.250
129.300.26	0.22 mm	0.250
129.300.28	0.20 mm	0.250
129.300.30	0.18 mm	0.250
129.300.32	0.16 mm	0.250

Melting crucibles



Round melting crucible in ceramic made to withstand high temperatures. Suitable for melting all precious metals. Can be used as replacement crucible for tongs, article no. 115.530.

N°	Description	Ext. Ø	Int. Ø	Kg
115.510	Crucible	75 mm	60 mm	0.275

Melting crucibles



Ceramic crucibles made to withstand high temperatures. Suitable for melting all precious metals including platinum.

N°	Description	Ext. Dimensions	Kg
115.516	Square	48 x 48 mm	0.040
115.517	Square	65 x 65 mm	0.080
115.518	Square	80 x 80 mm	0.230

Melting crucibles

The ceramic crucibles are made to withstand extreme temperatures. Suitable for melting all precious metals particularly platinum.



N°	Description	Ø	Capacity	Kg
115.540	Crucible	64 mm	30 ml	0.090

Ceramic soldering mandrel

The ceramic cone holds rings for soldering and reflects instead of absorbing heat. Mandrel rotates through 360° and ball joint with wing nut allows turning and clamping in any position. Mounted on a heavy cast-iron base.

Size of mandrel : length 170 mm, diameters 13 to 23 mm.



N°	Description	Length	Ø	Kg
129.203	Stand		80 mm	0.600
129.203A	Replacement mandrel	170 mm	13 to 23 mm	0.090

Charcoal block

Natural, wood charcoal in a block for soldering.



N°	Dimensions	Kg
129.205	140 x 70 x 30 mm	0.045

Soldering board

Made from a special, asbestos-free material which resists heat to a temperature of 1100°C. Dust-free and completely safe.



N°	Dimensions	Kg
129.211	327 x 245 x 12 mm	0.485

Soldering block

In lightweight and fireproof material containing no asbestos. Odourless and dust-free.



N°	Dimensions	Kg
129.213	130 x 75 x 25 mm	0.210

Soldering board



The unique honeycomb design of these blocks allows even heat diffusion and reflection. The holes are ideal for fixing work in place either directly or by the use of pins. The special ceramic material has the advantage of being extremely light in weight and resists temperatures up to 982°C (1800°F).

N°	Dimensions	Kg
129.260	14 x 97 x 137 mm	0.125
129.265	14 x 140 x 200 mm	0.305

Third hand holder



A versatile holder for cross locking tweezers freeing both hands for soldering and similar work. The two ball joints allow rotation to various positions.

Can be used with our soldering tweezers nos 125.140, 125.141, 125.131S, 125.131L and 125.131LL.

N°	Kg
125.163	0.300

Soldering stands



Soldering stands in black lacquered metal on rotating stands. Pointed objects for soldering can be held in place by pushing into the mat made from lightweight refractory material.

N°	Description	Dimensions	Shape	Kg
129.240	Stand	230 x 120 x 60 mm	Rectangular	1.300
129.240A	Replacement refractory block	230 x 120 x 65 mm	Rectangular	0.420
129.245	Stand	120 x 120 x 65 mm	Square	0.850
129.245A	Replacement refractory block	120 x 120 x 65 mm	Square	0.210

Soldering stands



Model in heavy metal with circular pan on a rotating stand. Available in three different diameters.

N°	Height	Ø	Kg
129.215	37 mm	125 mm	1.150

Continued from previous page

Soldering stands

N°	Height	Ø	Kg
129.216	37 mm	160 mm	1.300
129.217	37 mm	200 mm	1.800

Borax cones

Specially prepared borax flux in a cone form for jewellery soldering. Dissolves rapidly to form a paste when rubbed on the slate.



N°	Height	Base	Kg
129.255	125 mm	50 mm	0.135

Thermo-Gel

Thermo-Gel significantly reduces the transfer of heat from the working area to surrounding localities and thus has important applications in many soldering, brazing and welding operations. Non-toxic.



N°	Quantity	Kg
129.991	100 g	0.120
129.992	1000 g	1.200

Universal solder

A universal hard solder in sticks of 15 cm containing the cleaning agent and flux. Suitable for soldering precious metals, steel, iron, etc. In packs of 12 sticks.



N°	Description	Length	Ø	Colour	Kg
129.600	12 sticks	150 mm	1 mm	Yellow	0.020
129.601	12 sticks	150 mm	1 mm	White	0.020

Soldering pick



Titanium tip to prolong working life. Non-heat conducting handle prevents rolling on the work bench.

N°	Length	Ø	Kg
129.249	150 mm	1.60 mm	0.012

Soldering pick



For manipulating all precious metals, including platinum, in their molten state. Metals will not stick to the point which is made from a hard, malleable alloy and can be bent and shaped without breaking. Hard wood handle for insulation.

N°	Length	Kg
129.250	170 mm	0.018

CVD soldering pick



For transferring and accurately positioning solder during jewellery making and repair. Made from CVD alloy.

N°	Length	Kg
125.152	150 mm	0.010

Soldering wig

In wire enclosing an insulating pad.



N°	Ø	Kg
129.225	100 mm	0.230

Polishing cloth

Impregnated for cleaning and polishing gold, silver, brass, pewter etc.
Restores the original sparkling shine to all articles.



N°	Dimensions	Kg
16904	30 x 24 cm	0.030

Polishing cloth

In high quality cotton. Does not leave any deposit on the polished objects and withstands repeated washing without losing its usefulness.



N°	Dimensions	Kg
16908PR-B	35 x 35 cm	0.040
16908SR	35 x 35 cm	0.040

A*F Silver Lustre

Long lasting polishing cloth for silver objects.



N°	Dimensions	Kg
169.100	31 x 43 cm	0.026

A*F Gold Lustre

Long lasting polishing cloth for gold objects.



N°	Dimensions	Kg
169.101	31 x 43 cm	0.026



A*F Microfiber

Microfiber cloth.

On request we provide the option of personalizing the product.

N°	Dimensions	Kg
169.103	210 x 297 mm	0.020

10



A*F Super Lustre

A highly effective cleaning and polishing cloth for gold, silver, copper, brass, chrome. Made from the very finest pure cotton, this cloth is treated with an agent which cuts through tarnish and restores the original brilliance and sparkle. Leaves a protective film on the object. Although the cloth will become discoloured with use, it should not be washed as it will still retain its cleaning power for a long time.

N°	Dimensions	Kg
169.111	38 x 34 cm	0.030



Cotton gloves

In white knitted jersey for handling jewellery etc., without leaving finger marks. Suitable for either right or left hand.

N°	Description	Kg
169.112.07	Size 7	0.040
169.112.10	Size 10	0.040
169.112.12	Size 12	0.040



Kevlar gloves

Protective gloves for handling hot objects. Yellow colour, in knotted fabric lined with nitrile. Impermeable, insulated and heat resistant to over 300°C. CONTAIN NO ASBESTOS. Supplied in pairs.

N°	Length	Kg
169.113	300 mm	0.350

Polinum

A very popular, superior finishing compound for polishing precious metals, in particular: platinum. Features super powerful polishing action to produce a sparkling gloss. Far better than most other compounds available today. Economical, needs only to be applied in small amounts. Widely used in the Swiss watch industry.



N°	Description	Kg
185.751	Polinum	0.125

Polinoxx

Super finishing ! POLINOXX is a new final polishing compound developed for an impeccable finish on stainless steel, nickel and titanium. Same range as our popular polishing compound POLINUM no. 185.751 used on white and yellow gold and brass.



N°	Description	Kg
185.731	Polinoxx	0.125

Dialux polishing compounds

Compounds to be used with circular, cotton or felt buffs.



N°	Description	Dimensions	Colour	For	Action	Kg
18576X	Assortment					1.300
18576A		100 x 33 x 30 mm	Blue	All metals	Fine polishing	0.150
18576B		100 x 33 x 30 mm	White	All metals	High lustre	0.150
18576C		100 x 33 x 30 mm	Grey	Stainless steel	Brightening	0.150
18576D		100 x 33 x 30 mm	Yellow	Soft metals and plastic	Polishing and buffing	0.150
18576E		100 x 33 x 30 mm	Vornex	All metals	Pre-polishing	0.150
18576F		100 x 33 x 30 mm	Red	Gold and silver	Polishing	0.150
18576G		100 x 33 x 30 mm	Green	Special steels, chrome, platinum	Fine polishing	0.150



Luxor polishing pastes

Assortment of polishing compounds. Covers all polishing needs from A to Z. Contains 7 different compounds presented in a cardboard box. All compounds are available individually. Economical to help protect the environment.

N°	Description	Colour	Metal	Kg
185.740X	Assortment			1.000
185.745	Removal of major marks	Pink	All	0.120
185.746	Removal of minor marks	Green	All	0.120
185.747	Preparatory polishing	Grey	Platinum	0.120
185.748	Finishing	Blue	Non-ferrous (brass...)	0.120
185.749	Finishing incl. set pieces	White	Platinum, white gold, stainless steel	0.120
185.752	Finishing	Yellow	Yellow, pink gold	0.120
185.753	Super finishing	Orange	Precious metals	0.120

High quality polishing compounds



For perfect finishing of all precious metals including silver, gold and platinum.

BLUE - This compound with rapid cutting action is ideal for polishing steel, stainless steel (polishing), brass (prepolishing), gold or brass plate (deplating).

GREEN - A compound for polishing and final brightening producing a brilliant sparkle on steel, stainless steel and platinum.

PINK DIAMANTINE - For the final brightening of watch casing parts and jewellery pieces which require a special "flash" sparkle on gold, silver, platinum, brass, steel and stainless steel.

N°	Description	Kg
185.760	Pink diamantine	0.250
185.761	Green	0.800
185.762	Blue	0.800

Polishing compound



Top quality final finishing compound for polishing gold and silver. Light yellow colour.

N°	Length	Ø	Kg
185.750	224 mm	40 mm	0.520

"Crystal-Kleer" rouge

The world-famous polishing compound for restoring plastic watch glasses. Due to the special formula, removes scratches and brings back the original sparkling finish. Packaged and supplied individually in bars of 140g.



N°	Quantity	Kg
185.770	140g	0.145

Polishing compound

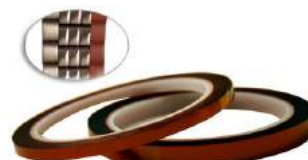
A high quality final finishing compound for platinum but also other precious metals.
Hard consistency to last longer, blue colour.



N°	Dimensions	Kg
185.777	Approx. size 3,5 x 8,5 cm	0.150

Masking tape

A special heat resistant protective tape. Used for masking selected parts of objects during polishing and buffing to obtain varying finishes. Leaves no residue after removal.
Good for watchmaking and jewellery applications. Conveniently available in various widths and can also be cut to size.



N°	Length	Width	Kg
312.120.03	33 m	3 mm	0.009
312.120.04	33 m	4 mm	0.012
312.120.05	33 m	5 mm	0.015
312.120.06	33 m	6 mm	0.018
312.120.07	33 m	7 mm	0.021
312.120.08	33 m	8 mm	0.025
312.120.09	33 m	9 mm	0.028
312.120.10	33 m	10 mm	0.030
312.120.11	33 m	11 mm	0.033
312.120.12	33 m	12 mm	0.038
312.120.13	33 m	13 mm	0.039
312.120.14	33 m	14 mm	0.042
312.120.15	33 m	15 mm	0.046
312.120.18	33 m	18 mm	0.054
312.120.20	33 m	20 mm	0.059
312.120.25	33 m	25 mm	0.075

Continued from previous page

Masking tape

N°	Length	Width	Kg
312.120.30	33 m	30 mm	0.091
312.120.35	33 m	35 mm	0.109
312.120.40	33 m	40 mm	0.130
312.120.50	33 m	50 mm	0.170
312.120.65	33 m	65 mm	0.210

Arkansas stones

In best quality, natural stones. Supplied in a cardboard box or on a varnished hardwood box.



N°	Description	Dimensions	Use	Kg
18005.100	Cardboard box	100 x 50 x 18 mm	2 sides	0.280
18005.100.25	Cardboard box	100 x 27 x 6 mm	2 sides	0.480
18005.125	Cardboard box	125 x 50 x 10 mm	2 sides	0.400
18005.150	Cardboard box	150 x 50 x 25 mm	2 sides	0.470
18005.75	Cardboard box	75 x 50 x 22 mm	2 sides	0.260
18006.090	Varnished hardwood box	90 x 25 x 13 mm	1 side	0.120
18006.100	Varnished hardwood box	100 x 50 x 12 mm	1 side	0.250
18006.125	Varnished hardwood box	125 x 50 x 12 mm	1 side	0.290
18006.150	Varnished hardwood box	150 x 50 x 12 mm	1 side	0.310
18006.200	Varnished hardwood box	200 x 50 x 20 mm	1 side	0.350

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Arkansas stones

In slips, square or three square, available in different widths.



N°	Description	Dimensions	Kg
18007.06	Square	6 x 180 mm	0.007
18007.08	Square	8 x 180 mm	0.022
18007.10	Square	10 x 180 mm	0.029
18008.06	Three square	6 x 180 mm	0.004
18008.08	Three square	8 x 180 mm	0.006
18008.10	Three square	10 x 180 mm	0.011

India stone

Rectangular combination stone, one side coarse grit, the other fine.



N°	Dimensions	Kg
180.213	200 x 50 x 25 mm	0.650



Sharpening stone

Very fine grade carborundum stones for producing an extra keen edge on surgical instruments, jewellers and sculptors cutting tools. To be used with, and if possible stored in oil.

N°	Dimensions	Kg
180.211	150 x 50 x 25 mm	0.470



Abrasive blocks

Composed of abrasive powder and synthetic rubber for polishing, derusting and cleaning. Can be used dry or for a faster action, with water, soap, paraffin etc.

N°	Dimensions	Colour	Grit	Kg
133.740	80 x 50 x 20 mm	 Garnet	36	0.111
133.741	80 x 50 x 20 mm	 Blue	60	0.111
133.742	80 x 50 x 20 mm	 Grey	120	0.111
133.743	80 x 50 x 20 mm	 Brown	240	0.111



Abrasive blocks

Superior quality abrasive blocks made from synthetic rubber bonded with abrasive grit. For producing satin finishes on various metals or removing rust etc..

Very popular for restoring the brush finish on high quality watch bracelets and cases etc.

N°	Description	Dimensions	Kg
133.745F	Fine	65 x 40 x 8 mm	0.0341
133.745M	Medium	65 x 40 x 8 mm	0.0341
133.745R	Coarse	65 x 40 x 8 mm	0.0341



Rubberised abrasive cones

High quality. Ideal for smoothing out rough spots and imperfections before final polishing. A superior alternative to emery paper cones. Total length 110 mm, working length 75 mm.

N°	Description	Grit	Kg
133.735F	Red	Fine	0.050
133.735M	Brown	Medium	0.050
133.735R	Dark green	Rough	0.050

Abrasive discs

Aluminium oxide bonded on to flexible paper disks. Moisture resistant. Brass centres with square holes for quick changing. These useful discs are particularly handy for cutting between prongs of settings, slots etc. Available in coarse, medium and fine grits. Supplied in boxes of 50 pieces per grit.



N°	Description	Ø	Kg
133.335F	Fine grit	19 mm	0.100
133.335G	Coarse grit	19 mm	0.100
133.335M	Medium grit	19 mm	0.100

Abrasive buff sticks

In rubber bonded with aluminium oxide.



N°	Description	Dimensions	Kg
133.710.180	Grit 180, coarse	120 x 20 mm	0.055

Emery buff sticks

Emery paper glued to wooden handles in different shapes. Grits from 150 to 2000.



N°	Dimensions	Shapes	Kg
133.750.1200	20 x 6 mm	Flat	0.018
133.750.150	20 x 6 mm	Flat	0.018
133.750.180	20 x 6 mm	Flat	0.018
133.750.2000	20 x 6 mm	Flat	0.018
133.750.240	20 x 6 mm	Flat	0.018
133.750.500	20 x 6 mm	Flat	0.018
133.751.1200	8 x 8 mm	Three-square	0.018
133.751.150	8 x 8 mm	Three-square	0.018
133.751.180	8 x 8 mm	Three-square	0.018
133.751.2000	8 x 8 mm	Three-square	0.018
133.751.240	8 x 8 mm	Three-square	0.018
133.751.500	8 x 8 mm	Three-square	0.018
133.752.1200	Ø 5 mm	Half-round	0.018
133.752.150	Ø 5 mm	Half-round	0.018
133.752.180	Ø 5 mm	Half-round	0.018
133.752.2000	Ø 5 mm	Half-round	0.018
133.752.240	Ø 5 mm	Half-round	0.018
133.752.500	Ø 5 mm	Half-round	0.018
133.753.0	Ø 10 mm	Round	0.018
133.753.1	Ø 10 mm	Round	0.018

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Emery buff sticks

N°	Dimensions	Shapes	Kg
133.753.1F	Ø 10 mm	Round	0.018
133.753.2	Ø 10 mm	Round	0.018
133.753.2/0	Ø 10 mm	Round	0.018
133.753.3	Ø 10 mm	Round	0.018
133.753.3/0	Ø 10 mm	Round	0.018
133.753.4/0	Ø 10 mm	Round	0.018
133.753.6/0	Ø 10 mm	Round	0.018
133.754.0	8 x 8 mm	Square	0.018
133.754.1	8 x 8 mm	Square	0.018
133.754.2	8 x 8 mm	Square	0.018
133.754.3	8 x 8 mm	Square	0.018
133.754.3/0	8 x 8 mm	Square	0.018
133.754.4/0	8 x 8 mm	Square	0.018

Strip sanders



Handy, tear-off abrasive buffs. Available in various popular grits. Save time and money. A useful, complementary tool to our popular range of "Roll Sanders". Total length 20 cm. Working length 10 cm.

N°	Grit	Sales unit	Kg
133.755.1000	1000	10 pces	0.024 / pce
133.755.120	120	10 pces	0.024 / pce
133.755.240	240	10 pces	0.024 / pce
133.755.320	320	10 pces	0.024 / pce
133.755.400	400	10 pces	0.024 / pce
133.755.600	600	10 pces	0.024 / pce
133.755.800	800	10 pces	0.024 / pce

Emery paper



Brown back, in sheets. Supplied in packets of 100 or 10 sheets.

N°	Description	Dimensions	Grit	Kg
117.991.1200	100 sheets	280 x 230 mm	1200	0.018
117.991.1200/10	10 sheets	280 x 230 mm	1200	0.015
117.991.150	100 sheets	280 x 230 mm	150	0.018
117.991.150/10	10 sheets	280 x 230 mm	150	0.018
117.991.180	100 sheets	280 x 230 mm	180	0.018
117.991.180/10	10 sheets	280 x 230 mm	180	0.018
117.991.2000	100 sheets	280 x 230 mm	2000	0.018
117.991.2000/10	10 sheets	280 x 230 mm	2000	0.015

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Emery paper

N°	Description	Dimensions	Grit	Kg
117.991.240	100 sheets	280 x 230 mm	240	0.018
117.991.240/10	10 sheets	280 x 230 mm	240	0.015
117.991.500	100 sheets	280 x 230 mm	500	0.018
117.991.500/10	10 sheets	280 x 230 mm	500	0.015

Emery ring mandrel

For smoothing and polishing the inside of rings. Assorted abrasive emery paper shells on a wooden ring stick. Assorted grits.

Maximum diameter : 21 mm
Minimum diameter: 8 mm
Total length: 110 mm



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N°	Length	max ø	min ø	Kg
117.993M	110 mm	21 mm	110 mm	0.180

Emery shells

For the quick cutting and rough polishing of the inside of rings. Very fine quality, will not tear during use. Available in the following grits : 4/0, 3/0, 2/0, 0, 1, 2, 3. Supplied in packets of 12 pces of one grit.



N°	Grit	Sales unit	Kg
117.993.0	0	12 pces	0.020
117.993.1	1	12 pces	0.020
117.993.2	2	12 pces	0.020
117.993.2/0	2/0	12 pces	0.020
117.993.3	3	12 pces	0.020
117.993.3/0	3/0	12 pces	0.020
117.993.4/0	4/0	12 pces	0.020



Rubberised abrasive sheets

Sensational new product, lasts up to ten times longer than conventional paper-backed emery. For prepolishing and finishing all precious metals. Supplied in boxes of 6 sheets. Order in units of boxes.

N°	Description	Dimensions	Sales unit	Kg
117.995F	6000 Fine	100 x 125 mm	6 sheets	0.090
117.995M	3600 Medium	100 x 125 mm	6 sheets	0.090
117.995MF	4000 Medium-fine	100 x 125 mm	6 sheets	0.090
117.995R	2400 Coarse	100 x 125 mm	6 sheets	0.090
117.995XF	12000 Extra-fine	100 x 125 mm	6 sheets	0.090
117.995XR	1500 Extra-coarse	100 x 125 mm	6 sheets	0.090

"Ceraton" ceramic rods



"Ceramic stone" made from ceramic and glass fibres bonded with thermosetting resin which has super tensile strength and is hard to snap or break even at high rotation speed. It can be used on a variety of metals such as gold, silver, platinum, brass steel, copper, aluminium alloys but also on silicone, magnetic materials, plastics, stones and much more. Ideal for polishing, surface finishing, brightening and mould finishing.

Ceraton is supplied in small rods which are sharpened to a point for use. (Other shapes on request). Available in nine different colour-coded grits for easy identification. They range from very fine (no. 1200) to coarse (no. 180) allowing rough to micro finishing results.

N°	Description	Length	Ø	Kg
133.460	Set of nine	-	-	0.030
133.460B	Brown 180	50 mm	2.35 mm	0.002
133.460G	Green 500	50 mm	2.35 mm	0.002
133.460K	Black 280	50 mm	2.35 mm	0.002
133.460L	Light blue 400	50 mm	2.35 mm	0.002
133.460N	Navy blue 360	50 mm	2.35 mm	0.002
133.460O	Orange 250	50 mm	2.35 mm	0.002
133.460P	Pink 1000	50 mm	2.35 mm	0.002
133.460R	Red 1200	50 mm	2.35 mm	0.002
133.460Y	Yellow 700	50 mm	2.35 mm	0.002

Heatless grinding wheels

Fine quality, miniature wheels for the fast removal of metal or stone. Incorporate a non-clogging binder which produces less heat and continuously exposes new abrasive. A special metal bushing assures perfect centering, true-running and safety. Supplied in two grades : coarse (black) and fine (green). Minimum ordering quantity 1 box of 50 pieces.



N°	Thickness	Colour	Diameter	Sales unit	Kg
133.355.N	4.8 mm	Black	22 mm	50 pcs / Box	0.005
133.355.V	3.1 mm	Green	22 mm	50 pcs / Box	0.005
133.356.N	4.8 mm	Black	19 mm	50 pcs / Box	0.005
133.356.V	2.4 mm	Green	19 mm	50 pcs / Box	0.005
133.357.N	2.4 mm	Black	16 mm	50 pcs / Box	0.005
133.357.V	2.4 mm	Green	16 mm	50 pcs / Box	0.005
133.358.N	3.1 mm	Black	13 mm	50 pcs / Box	0.005
133.358.V	3.1 mm	Green	13 mm	50 pcs / Box	0.005
133.359.N	2.4 mm	Black	13 mm	50 pcs / Box	0.005

ARTIFEX™ buffs

Abrasive rubber wheels, ideal for restoring original brush finish on stainless steel or gold on watch bracelets and cases. Will not heat and clog. Suitable for steel, hardened and non-ferrous precious metals and plastic materials. Perfect for the watch and jewellery industries. Plastic adaptor to reduce hole Ø to 13 mm available upon demand.



N°	Thickness	Ø	Grit	Elasticity	Hole Ø
133.090.1001025SC46MP	10 mm	100 mm	46	Medium	25 mm
133.090.1001025SC80WP	10 mm	100 mm	80	Soft	25 mm
133.090.1002025SC250MP	20 mm	100 mm	250	Medium	25 mm
133.090.1002025SC46HP	20 mm	100 mm	46	Hard	25 mm
133.090.1002025SC46MP	20 mm	100 mm	46	Medium	25 mm
133.090.1002025SC46WP	20 mm	100 mm	46	Soft	25 mm
133.090.1002025SC80WP	20 mm	100 mm	80	Soft	25 mm
133.090.1002535SC80MP	25 mm	100 mm	80	Medium	25 mm



Midget abrasive disks

For finishing, polishing and removing burs. Ideal for soft metals and materials such as gold, silver, synthetic resin, and rubber as well as steel, titanium, etc. Standard 2.35 mm (3/32") shaft. Ideal working speed 25000 rpm. Maximum 35000 rpm.

N°	Ø	Kg
133.211.21	21 mm	0.0030
133.211.23	23 mm	0.0031
133.211.25	25 mm	0.0034



Mounted points

Points in various shapes, cylinder, point, bullet, wheel knife edge. Shaft 2.35 mm. 12 pieces per box.

N°	Description	Colour	Sales unit	Kg	
133.345.B	Cylinder	Brown	12 pcs / Box	0.035	
133.345.BL	Cylinder	White	12 pcs / Box	0.035	
133.345.R	Cylinder	Red	12 pcs / Box	0.035	
133.350.B	Double cone	Brown	12 pcs / Box	0.035	
133.350.BL	Double cone	White	12 pcs / Box	0.035	
133.350.R	Double cone	Red	12 pcs / Box	0.035	
133.351.B	Bullet	Brown	12 pcs / Box	0.035	

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Mounted points

N°	Description	Colour	Sales unit	Kg	
133.351.BL	Bullet	White	12 pcs / Box	0.035	
133.351.R	Bullet	Red	12 pcs / Box	0.035	
133.352.B	Wheel	Brown	12 pcs / Box	0.035	
133.352.BL	Wheel	White	12 pcs / Box	0.035	
133.352.R	Wheel	Red	12 pcs / Box	0.035	
133.353.B	Knife edge	Brown	12 pcs / Box	0.035	
133.353.BL	Knife edge	White	12 pcs / Box	0.035	
133.353.R	Knife edge	Red	12 pcs / Box	0.035	

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Mounted polishers

Rubberised abrasive points for light grinding, smoothing and polishing of all metals. Superior quality. Mounted on standard mandrels, 2.35 mm in diameter. Obtainable in three colours : brown for pre-finishing, red for coarse smoothing, white for high polishing.



N°	Thickness	Ø	Colour	Shapes	Sales unit	Kg
133.340	3 mm	22 mm	 Brown	Knife edge	12 pcs/ Box	0.005

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Mounted polishers

N°	Thickness	Ø	Colour	Shapes	Sales unit	Kg
133.341	3 mm	22 mm	Red	Knife edge	12 pcs/ Box	0.005
133.342	3 mm	22 mm	White	Knife edge	12 pcs/ Box	0.005



Mounted polishing points

Special abrasive material developed for working metals such as platinum. Available in three grits and three different shapes. Mounted on standard 2.35 mm shafts. Supplied in 9 piece set containing one piece of each type.

N°	Description	Dimensions	Colour	Grit	Kg
133.465F	Bullet	4 x 13 mm	Grey / Yellow	Fine	
133.465M	Bullet	4 x 13 mm	Green / Yellow	Medium	
133.465SF	Bullet	4 x 13 mm	Red/ Yellow	Super fine	
133.466F	Thin wheel	11 x 2 mm	Grey / Yellow	Fine	
133.466M	Thin wheel	11 x 2 mm	Green / Yellow	Medium	
133.466SF	Thin wheel	11 x 2 mm	Red / Yellow	Super fine	
133.467F	Thick wheel	11 x 4 mm	Grey / Yellow	Fine	
133.467M	Thick wheel	11 x 4 mm	Green / Yellow	Medium	
133.467SF	Thick wheel	11 x 4 mm	Red / Yellow	Super fine	
133.468	Set of 9 pieces	1of each	-	-	0.049



"Roll Sanders" Abrasive Rolls

For working on the inside and outside of cast rings and flat parts of other cast jewellery, etc. After wearing down, strip off the top layer each time to expose a fresh layer. Can be used down to a diameter of approximately 6 mm. Mounted on standard 2.35 mm shafts. Supplied in bag of 10 pieces.

N°	Grit	Sales unit	Kg
117.994.1000	1000	Bag/10	0.050
117.994.240	240	Bag/10	0.050
117.994.320	320	Bag/10	0.050
117.994.400	400	Bag/10	0.050

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"Roll Sanders" Abrasive Rolls

N°	Grit	Sales unit	Kg
117.994.600	600	Bag/10	0.050
117.994.800	800	Bag/10	0.050

Abrasive wheels

These new high tech abrasive wheels are manufactured from a special composition of rubber and abrasive material impregnated with air. Developed for polishing platinum, precious alloys, titanium and stainless steel. Long lasting, leave a satin finish. Hole diameter 6 mm. Maximum working speed 3000 rpm.



N°	Dimensions	Colour	Grit	Hole Ø	Kg
133.405F	100 x 15 mm	■ Light brown	Fine	6 mm	0.105
133.405M	100 x 15 mm	■ Greenish grey	Medium	6 mm	0.105
133.405R	100 x 15 mm	■ Light blue	Coarse	6 mm	0.105

Polishing discs

Silicone polishing wheels used for precious alloys and metals. Maximum working speed 3000 rpm. Must be used on a spindle with a flange.



N°	Thickness	Ø	Colour	Grit	Hole Ø	Kg
133.410F	15 mm	100 mm	■ Blue	Fine	6 mm	0.105
133.410M	15 mm	100 mm	■ Black	Medium	6 mm	0.105
133.410R	15 mm	100 mm	■ White	Coarse	6 mm	0.105
133.410SF	15 mm	100 mm	■ Pink	Super fine	6 mm	0.105
133.413F	15 mm	100 mm	■ Blue	Fine	13 mm	0.105
133.413M	15 mm	100 mm	■ Black	Medium	13 mm	0.105
133.413R	15 mm	100 mm	■ White	Coarse	13 mm	0.105
133.413SF	15 mm	100 mm	■ Pink	Super fine	13 mm	0.105

Unmounted polishers



Rubberised polishing wheels.

Brown: in aluminium oxide, long lasting and fast polishing for non-precious and semi-precious metals.

Red: in silicone carbide, soft and flexible for fine polishing of gold.

White: in aluminium oxide, soft and flexible for ultra-fine polishing of gold.

N°	Thickness	Ø	Colour	Shapes	Sales unit	Kg
133.368	3 mm	16 mm	Brown	Knife edge	1pc	0.001
133.369	3 mm	22 mm	Brown	Wheel	1pc	0.003
133.370	3 mm	16 mm	Red	Knife edge	1pc	0.001
133.371	3 mm	16 mm	White	Knife edge	1pc	0.001
133.372	3 mm	22 mm	Red	Wheel	1pc	0.003
133.373	3 mm	22 mm	White	Wheel	1pc	0.003

Silicone polishers



Wheel



Tapered wheel



Bullet



Cylinder

- White : precious metals, synthetic materials, ceramics, composite materials.

- Black : softer and more supple, specially recommended for precious metals and synthetic materials.

- Blue : for polishing to a high quality mirror finish.

- Pink : for final mirror polishing.

Supplied in boxes of 100 pieces.

N°	Description	Dimensions	Shape	Grit	Sales unit	Kg
133.421/6F	Blue	17 x 6 mm	Wheel	Fine	100 pcs / Box	0.260
133.421/6M	Black	17 x 6 mm	Wheel	Medium	100 pcs / Box	0.260
133.421/6R	White	17 x 6 mm	Wheel	Coarse	100 pcs / Box	0.260
133.421/6SF	Pink	17 x 6 mm	Wheel	Super fine	100 pcs / Box	0.260
133.421F	Blue	17 x 2.5 mm	Wheel	Fine	100 pcs / Box	0.260
133.421M	Black	17 x 2.5 mm	Wheel	Medium	100 pcs / Box	0.260
133.421R	White	17 x 2.5 mm	Wheel	Coarse	100 pcs / Box	0.260
133.421SF	Pink	17 x 2.5 mm	Wheel	Super fine	100 pcs / Box	0.260
133.422F	Blue	22 x 3 mm	Wheel	Fine	100 pcs / Box	0.260
133.422M	Black	22 x 3 mm	Wheel	Medium	100 pcs / Box	0.260
133.422R	White	22 x 3 mm	Wheel	Coarse	100 pcs / Box	0.260
133.422SF	Pink	22 x 3 mm	Wheel	Super fine	100 pcs / Box	0.260
133.431F	Blue	18 x 3.5 mm	Tapered wheel	Fine	100 pcs / Box	0.260
133.431M	Black	18 x 3.5 mm	Tapered wheel	Medium	100 pcs / Box	0.260
133.431R	White	18 x 3.5 mm	Tapered wheel	Coarse	100 pcs / Box	0.260

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Silicone polishers

N°	Description	Dimensions	Shape	Grit	Sales unit	Kg
133.431SF	Pink	18 x 3.5 mm	Tapered wheel	Super fine	100 pcs / Box	0.260
133.432F	Blue	22 x 4 mm	Tapered wheel	Fine	100 pcs / Box	0.223
133.432M	Black	22 x 4 mm	Tapered wheel	Medium	100 pcs / Box	0.223
133.432R	White	22 x 4 mm	Tapered wheel	Coarse	100 pcs / Box	0.240
133.432SF	Pink	22 x 4 mm	Tapered wheel	Super fine	100 pcs / Box	0.223
133.446F	Blue	6 x 24 mm	Bullet	Fine	100 pcs / Box	0.185
133.446M	Black	6 x 24 mm	Bullet	Medium	100 pcs / Box	0.185
133.446R	White	6 x 24 mm	Bullet	Coarse	100 pcs / Box	0.185
133.446SF	Pink	6 x 24 mm	Bullet	Super fine	100 pcs / Box	0.185
133.447F	Blue	7 x 20 mm	Cylinder	Fine	100 pcs / Box	0.212
133.447M	Black	7 x 20 mm	Cylinder	Medium	100 pcs / Box	0.212
133.447R	White	7 x 20 mm	Cylinder	Coarse	100 pcs / Box	0.212
133.447SF	Pink	7 x 20 mm	Cylinder	Super fine	100 pcs / Box	0.212
133.448F	Blue	9 x 20 mm	Cylinder	Fine	100 pcs / Box	0.334
133.448M	Black	9 x 20 mm	Cylinder	Medium	100 pcs / Box	0.334
133.448R	White	9 x 20 mm	Cylinder	Coarse	100 pcs / Box	0.334
133.448SF	Pink	9 x 20 mm	Cylinder	Super fine	100 pcs / Box	0.334
133.449F	Blue	12 x 20 mm	Cylinder	Fine	100 pcs / Box	0.600
133.449M	Black	12 x 20 mm	Cylinder	Medium	100 pcs / Box	0.600
133.449R	White	12 x 20 mm	Cylinder	Coarse	100 pcs / Box	0.600
133.449SF	Pink	12 x 20 mm	Cylinder	Super fine	100 pcs / Box	0.600

Silicone polishers - rods

Cylinder shaped rods, Cratex style, made for smoothing and polishing hard to reach surfaces. They are widely used for polishing molds, dies, patterns and light castings; for cleaning contact points, solder spots, etc. Maximum safe speed 25,000 revolutions per minute. Best results are obtained at 30% to 80% of maximum safe speed. Supplied in a box containing 100 pieces and 1 mandrel no. 119.339.



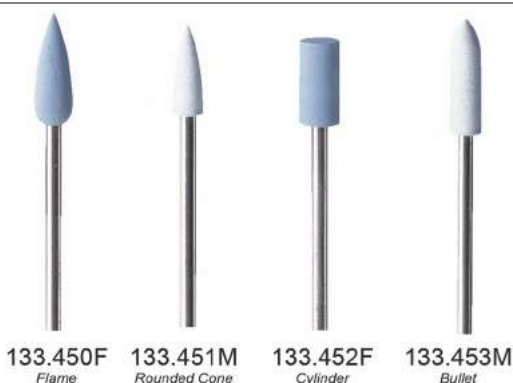
N°	Description	Dimensions	Grit	Kg
133.430F.15	Brown	Ø 1.5 x 22 mm	Fine	0.046
133.430F.20	Brown	Ø 2.0 x 22 mm	Fine	0.050
133.430F.30	Brown	Ø 3.0 x 22 mm	Fine	0.050
133.430F.40	Brown	Ø 4.0 x 22 mm	Fine	0.050
133.430F.50	Brown	Ø 5.0 x 22 mm	Fine	0.050
133.430M.15	Black	Ø 1.5 x 22 mm	Medium	0.020
133.430M.20	Black	Ø 2.0 x 22 mm	Medium	0.022
133.430M.30	Black	Ø 3.0 x 22 mm	Medium	0.041
133.430M.40	Black	Ø 4.0 x 22 mm	Medium	0.041
133.430M.50	Black	Ø 5.0 x 22 mm	Medium	0.041
133.430R.15	Blue	Ø 1.5 x 22 mm	Rough	0.041

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Silicone polishers - rods

N°	Description	Dimensions	Grit	Kg
133.430R.20	Blue	Ø 2.0 x 22 mm	Rough	0.041
133.430R.30	Blue	Ø 3.0 x 22 mm	Rough	0.046
133.430R.40	Blue	Ø 4.0 x 22 mm	Rough	0.041
133.430R.50	Blue	Ø 5.0 x 22 mm	Rough	0.041
133.430XF.15	Green	Ø 1.5 x 22 mm	Extra-fine	0.041
133.430XF.20	Green	Ø 2.0 x 22 mm	Extra-fine	0.041
133.430XF.30	Green	Ø 3.0 x 22 mm	Extra-fine	0.046
133.430XF.40	Green	Ø 4.0 x 22 mm	Extra-fine	0.041
133.430XF.50	Green	Ø 5.0 x 22 mm	Extra-fine	0.041

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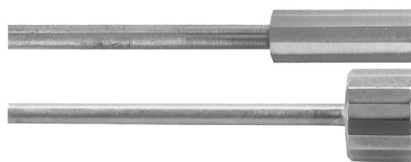
Silicone polishers

Mounted on standard 2.35 mm shaft. Supplied per 100 piece box.

N°	Description	Shape	Grit	Sales unit	Kg
133.450F	Blue	Flame	Fine	100 pcs / Box	0.192
133.450M	White	Flame	Medium	100 pcs / Box	0.192
133.451F	Blue	Rounded cone	Fine	100 pcs / Box	0.180
133.451M	White	Rounded cone	Medium	100 pcs / Box	0.180
133.452F	Blue	Cylinder	Fine	100 pcs / Box	0.180
133.452M	White	Cylinder	Medium	100 pcs / Box	0.215
133.453F	Blue	Bullet	Fine	100 pcs / Box	0.205
133.453M	White	Bullet	Medium	100 pcs / Box	0.205

Rotary burnishers

The heads are made from tungsten carbide mounted on steel shafts with a standard 2.35 mm diameter. Used in particular for removing pin holes in jewellery after casting.



N°	Description	Height	Ø	Finish	Speed (rpm)	Kg
107.730	12 facets	13 mm	5 mm	Coarse	max. 1000	0.005
107.731	18 facets	13 mm	5 mm	Medium	max. 1000	0.005
107.732	36 facets	13 mm	5 mm	Fine	max. 1000	0.005
107.734	24 facets	10 mm	7 mm	Medium	max. 8000	0.005
107.735	18 facets	10 mm	7 mm	Coarse	max. 8000	0.005
107.736	36 facets	10 mm	7 mm	Fine	max. 8000	0.005
107.737	72 facets	10 mm	7 mm	Extra-fine	max. 8000	0.005

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Burnishers

Oval shaped blades in highly polished steel, set in polished hardwood handles. Used for smoothing bezels around stones and other parts in soft metal.



N°	Length	Shape	Kg
107.750	50 mm	Straight	0.035
107.751	50 mm	Curved	0.035

Burnishers

Burnishers without handle, in polished steel.



N°	Description	Length	Max width	Kg
107.752	Ellipse	105 mm	8mm	0.013
107.753	Ellipse	130 mm	7mm	0.013
107.754	Oval straight	100 mm	8mm	0.025

Agate burnishers



Extra hard quality for soft metals. Natural stone set in a wooden handle with metal ferrule. Agate burnishers remove surface unevenness by pressure and produce a brilliant shine on metal. Perfect for applying gold leaf. Important: avoid knocking the burnishers.

N°	Description	Kg
107.755	Round end, narrow	0.055
107.756	Pointed	0.060
107.757	Round end, wide	0.055

Burnishers and scrapers



Made from tungsten carbide, these superb tools are mounted on steel handles. The surface of the burnishers is polished to a mirror finish and the scrapers have a razor-like edge. Produce the finest finish and last longer.

N°	Description	Ø	Shape	Kg
107.742	Burnisher	3.5mm	Round	0.018
107.743	Burnisher	5 mm	Round	0.022
107.745	Burnisher	5 mm	Oval	0.020
172.932	Scraper	3.5mm	Round	0.017
172.933	Scraper	5 mm	Round	0.022

Scraper



Nickel-plated brass handle and screw chuck. Reversible scraper blade hollow ground on three sides.

N°	Description	Length	Kg
17293	Complete	80 mm	0.030
17293.1	Replacement blades	80 mm	0.005

File brush

Carding brush for the cleaning of files. Steel wire bristles set in hardwood handle.



N°	Length	Width	Kg
133.555	250 mm	40 mm	0.075

Bench brush

For cleaning tops of benches. In white goat hair, soft.



N°	Description	Dimensions	Kg
133.562	5 rows	150 x 30 mm	0.050

Crimped wire brush

Diameter of wire 0.10mm, four rows.



N°	Description	Length	Working length	Kg
133.512	Steel	220 mm	100 mm	0.070

Crimped wire brush

Diameter of wire 0.10mm, four rows.



N°	Description	Length	Working length	Kg
133.511	Brass	220 mm	100 mm	0.070

Washout brush

Washout brush with very hard white bristle set in a wooden handle.



N°	Dimensions	Length	Height	Width	Working length	Kg
16363	260 mm	120 mm	Very hard			0.050
16364	260 mm	120 mm	Very hard	6	120 mm	0.050

Washout brush

Hand brush for cleaning jewellery and other objects in cleaning solutions of all kinds. Four rows of black, natural bristle. With hole in handle for hanging up.

Handle

Total length: 170 mm

Width: 20 mm

Length of bristle: 50 mm



N°	Dimensions	Working length	Working width	Kg
133.552	170 mm	50 mm	20 mm	0.022

Hand brush 'Glasgow' style

Glasgow style, white bristle, four rows.



N°	Description	Length	Width	Working length	Sales unit	Kg
16359.0	Very hard	260 mm	4	120 mm	box / 12	0.030
16359.1	Hard	260 mm	4	120 mm	box / 12	0.030
16359.2	Medium hard	260 mm	4	120 mm	box / 12	0.030
16359.3	Soft	260 mm	4	120 mm	box / 12	0.030
16359.4	Very soft	260 mm	4	120mm	box / 12	0.030

Scratch brushes

Propelling pencil style, with replaceable wire. Supplied in pouches of six pieces in assorted colours.



N°	Description	Quantity	Kg
17294	Pencil with glass fibre refills	6 pces	0.011
17294A	Glass fibre refills	24 pces	0.035
17295	Pencil with brass wire refills	6 pces	0.011
17295A	Brass wire refills	24 pces	0.035
17296	Pencil with steel wire refills	6 pces	0.011
17296A	Steel wire refills	24 pces	0.035

Scratch brush

Pen shaped, slim, with spring-loaded chuck and fine glass fibre brush.



N°	Description	Length	Ø	Kg
117.290	Brush complete	125 mm	2 mm	0.015
117.291	12 refills	-	2 mm	0.008

Scratch brush

Heavy duty, pen type fibre glass scratch brush with plastic handle and spring-loaded chuck activated by push button. Diameter of the brush 8mm.



N°	Description	Length	Ø	Kg
172.990	Scratch brush	100 mm	8 mm	0.030
172.990A	Fibre glass refill	-	8 mm	0.011

Scratch brush

Glass wire round brush.



N°	Length	Ø	Kg
17298	180 mm	15 mm	0.046

Scratch brush

Flat brush in brass wire, with slide.



N°	Length	Width	Kg
17297	60 mm	20 mm	0.013



Ring cone

In rubber impregnated with silicone carbide. For grinding, polishing and satin finishing all metals. Used dry, no additional compound required.

N°	Length	Colour	Grit	Grit length	Min. Ø	Max. Ø	Kg
133.705	90mm	Red	150	65 mm	15 mm	25 mm	0.026
133.706	90mm	Blue	250	65 mm	15 mm	25 mm	0.026



Abrasive flap wheel

Aluminium oxide abrasive flap wheel used for every kind of satin finishing pattern from the roughest to the finest.

N°	Description	Thickness	Ø	Colour	Hole	Grit	Kg
133.064.AC	Aluminum oxide	30 mm	110 mm	Brown	6 mm	Coarse	0.141
133.064.AF	Aluminum oxide	30 mm	110 mm	Brown	6 mm	Fine	0.132
133.064.AM	Aluminum oxide	30 mm	110 mm	Brown	6 mm	Medium	0.139
133.064.AVF	Aluminum oxide	30 mm	110 mm	Brown	6 mm	Very fine	0.124



Abrasive brushes

Abrasive brushes in silicon carbide for a marked satin metal finish, slightly mat.

N°	Description	Thickness	Ø	Colour	Hole	Grit	Kg
133.064.SF	Silicon carbide	30 mm	110 mm	Grey	6 mm	Fine	0.130
133.064.SM	Silicon carbide	30 mm	110 mm	Grey	6 mm	Medium	0.130
133.064.SSF	Silicon carbide	30 mm	110 mm	Grey	6 mm	Super fine	0.130
133.064.SuF	Silicon carbide	30 mm	110 mm	Grey	6 mm	Ultra fine	0.130

Continued from previous page

Abrasive brushes

N°	Description	Thickness	Ø	Colour	Hole	Grit	Kg
133.064.SVF	Silicon carbide	30 mm	110 mm	Grey	6 mm	Very fine	0.130

Abrasive flap wheels

Abrasive brushes in emery paper different grits available. Other grits available on request - 600 and 800.



N°	Description	Thickness	Ø	Hole	Grit	Kg
133.063.100	Emery paper	30 mm	110 mm	6 mm	100	0.175
133.063.120	Emery paper	30 mm	110 mm	6 mm	120	0.175
133.063.150	Emery paper	30 mm	110 mm	6 mm	150	0.175
133.063.180	Emery paper	30 mm	110 mm	6 mm	180	0.175
133.063.220	Emery paper	30 mm	110 mm	6 mm	220	0.175
133.063.240	Emery paper	30 mm	110 mm	6 mm	240	0.175
133.063.320	Emery paper	30 mm	110 mm	6 mm	320	0.175
133.063.400	Emery paper	30 mm	110 mm	6 mm	400	0.175
133.063.500	Emery paper	30 mm	110 mm	6 mm	500	0.175

Flap buff

In best quality soft cotton for final finishing.



N°	Thickness	Ø	Colour	Hole	Grit	Kg
133.085	30 mm	110 mm	White	6 mm	Neutral	0.174

Flap buff

In finest military quality wool.



N°	Thickness	Ø	Colour	Hole	Grit	Kg
133.086	30 mm	110 mm	Dark grey	6 mm	Neutral	0.158



Abrasive brushes

Abrasive wheels with eight rows of loose wires for producing a matt brushed surface on metals. Recommended working speed 2800 rpm. Eye protection must be worn.

N°	Brush Ø	Wire Ø	Hole Ø	Kg
133.050	90 mm	0.20 mm	12 mm	0.020
133.051	90 mm	0.30 mm	12 mm	0.020
133.052	90 mm	0.45 mm	12 mm	0.020
133.053	90 mm	0.63 mm	12 mm	0.020

10



Midget abrasive buff

For producing a satin finish on all metals. Mounted on a 2.35 mm (3/32") shaft. Available in 4 grits. Recommended working speed 3000 rpm.

N°	Description	Ø	Colour	Kg
133.210F	Fine	25 mm	Grey	0.029
133.210M	Medium	25 mm	Mauve	0.029
133.210R	Coarse	25 mm	Dark brown	0.029
133.210XR	Extra-coarse	22 mm	Grey	0.029



Scotch-Brite TM small flap wheels

Abrasive wheels with Scotch-Brite TM aluminum oxide or silicon carbide coated leaves. Other grits on demand, minimum quantity 50 pcs.

N°	Description	Material	Grit
133.212.AF	Fine	Aluminum oxide	A/F
133.212.AVF	Very fine	Aluminum oxide	A/VF
133.212.SF	Fine grit	Silicon carbide	180/220
133.212.SSF	Super-fine grit	Silicon carbide	400
133.212.SUF	Ultra-fine grit	Silicon carbide	500/600
133.212.SVF	Very fine grit	Silicon carbide	280/320

Small flap wheels

Abrasive cloth flaps coated with aluminium oxide in various grits.
Diameter 30 mm x 5 mm. Shaft 2.35 mm.
Grits 120, 240, 400. Other grits on demand, minimum quantity 50 pcs.

(120 = rougher to 400 = finer)



N°	Ø	Shaft	Grit
133.214.120	30 x 5 mm	2.35 mm	120
133.214.240	30 x 5 mm	2.35 mm	240
133.214.400	30 x 5 mm	2.35 mm	400

Small mixed flap wheels

Aluminium oxide and silicon carbide in various grits as mixed interleaved non-woven fibres and abrasive cloth in a ratio of 1/1.
Diameter 30 mm x 5 mm. Shaft 2.35 mm.
Grits 100, 180, 240, 320, 400. Other grits on demand, minimum quantity 50 pcs.

(100 = rougher to 400 = finer)



N°	Ø	Shaft	Grit
133.216.100	30 x 5 mm	2.35 mm	100
133.216.180	30 x 5 mm	2.35 mm	180
133.216.240	30 x 5 mm	2.35 mm	240
133.216.320	30 x 5 mm	2.35 mm	320
133.216.400	30 x 5 mm	2.35 mm	400

Midget brushes and buffs

A popular assortment of twenty four midget brushes, buffs and felt points mounted on a standard shaft, diameter 2.34 mm. Presented on a plastic stand with transparent cover.



N°	Description	Ø	Shape	Material	Kg
133.205	Assortment				0.250
133.215.21	Brush	21 mm	Circular	Crimped brass wire	0.005
133.217.21	Brush	21 mm	Circular	Crimped steel wire	0.005
133.221.21	Pony bristle	21 mm	Circular	Black bristle	0.004
133.222.21	Brush	21 mm	Circular	Grey bristle	0.005
133.231.21	Brush	21 mm	Circular	White bristle	0.005
133.232.21	Brush	21 mm	Circular	Pony bristle	0.004
133.241.21	Brush	21 mm	Circular	White goat hair	0.005
133.255.21	Buff	21mm	Circular	Flannel	0.005
133.257.21	Buff	21 mm	Circular	Cotton thread	0.005
133.258.21	Brush	21 mm	Circular	Calico	0.005
133.265.21	Buff	21 mm	Circular	Felt	0.005
133.266.17	Buff	16 mm	Bowl	Felt	0.003
133.275.21	Buff	21 mm	Lens	Felt	0.005
133.280	Brush	14 mm	Cup shape	White bristle	0.005
133.290	Brush	14 mm	Cup shape	Black bristle	0.005
133.291	End brush	5 mm	Paintbrush	Black bristle	0.005
133.292	End brush	6 mm	Paintbrush	White bristle	0.005
133.294	End brush	10 mm	Paintbrush	White goat hair	0.005
133.295	End brush	11 mm	Cup shape	White goat hair	0.005
133.296	Brush	7 mm	Cup shape	Black bristle	0.003
133.310.5	Point	10 mm	Flame	Felt	0.005
133.310.6	Point	10 mm	Round	Felt	0.005
133.310.7	Point	8 mm	Bullet	Felt	0.005
133.310.8	Point	7 mm	Conical	Felt	0.005
133.233	Brush (not incl. in set)	7 mm	Cup	White bristle	0.005
133.242.21	Brush (not incl. in set)	21 mm	Circular	Pony bristle	0.005

Continued from previous page

Midget brushes and buffs

N°	Description	Ø	Shape	Material	Kg
133.310.9.17	Point (not incl. in set)	17 mm	Disk	Felt	0.005

Midget buffs

Available both unmounted or mounted on a standard 2.35 mm shaft. Carefully made from the finest quality muslin. 16 ply and two rows of stitching.



N°	Description	Ø	Kg
133.260	Unmounted	25 mm	0.002
133.260M	Mounted	25 mm	0.003

Slimline buff

Slimline brush, metal center.



N°	Description	Ø	Kg
133.250.21	Chamois	17 mm	0.004

Wheel brush

Wheel brush, white cotton yarn



N°	Description	Ø	Kg
133.256	Cotton	22 mm	0.003



Circular brushes

Stiff black bristle, best quality.

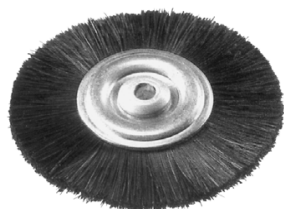
N°	Ø	Shape	Rows	Centre	Kg
133.005	80 mm	Parallel	4	Wood	0.035
133.006.1	50 mm	Converg.	1	Wood	0.006
133.006.2	63 mm	Converg.	1	Wood	0.020
133.006.3	50 mm	Converg.	2	Wood	0.006
133.006.4	63 mm	Converg.	2	Wood	0.014
133.006.5	80 mm	Converg.	2	Wood	0.030
133.006.6	63 mm	Converg.	3	Wood	0.021
133.006.7	70 mm	Converg.	3	Wood	0.018
133.006.9	75 mm	Converg.	4	Wood	0.033



Circular brushes

Stiff black bristle, best quality.

N°	Ø	Shape	Rows	Centre	Kg
133.006.654	65 mm	Converg.	4	Plastic	0.021



Circular brushes

Circular brushes in stiff, black bristle, metal centre with plastic insert.

N°	Description	Ø	Kg
133.040	Black bristle	50 mm	0.015
133.041	White bristle	50 mm	0.015

Circular brush

In white goat hair, hardwood hub with metal centre, four rows straight.



N°	Ø	Kg
133.016	85 mm	0.044

Circular brushes

Circular brushes, straight, in Tampico fibre. Wood hub.



N°	Description	Ø	Shape	Kg
133.065	Tampico	85 x 20 mm	Parallel	0.074
133.066	Tampico	100 x 20 mm	Parallel	0.079
133.067	Tampico	120 x 24 mm	Parallel	0.140
133.068	Tampico	150 x 30 mm	Parallel	0.248

Circular brushes

Circular brushes in crimped brass wire, hardwood hub.



N°	Description	Ø	Rows	Bristle Ø	Kg
133.023	Brass wire	85 mm	3	0.12 mm	0.081

Polishing buff

In soft cotton flannel, unstitched with metal centres.



N°	Description	Ø	Kg
133.069	Flanel, unstitched	50 mm	0.020



Polishing buff

Threads in finest cotton. Wooden hub.
Diameter 100 mm. Width 25 mm. Hole 5 mm.

N°	Description	Ø	Width	Hole	Kg
133.070.100	Cotton brush	100 mm	25 mm	5 mm	0.080

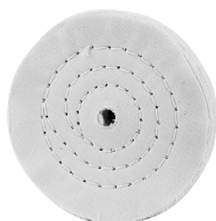
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Polishing buffs

Yellow buffs in fine muslin, chemically treated for a longer life and better ability to hold compounds. Stitched with shellac centres.

N°	Thickness	Ø	Ø Hole	Ply	Kg
133.075	16 mm	100 mm	4 mm	40	0.030
133.076	16 mm	125 mm	4 mm	45	0.040
133.077	16 mm	150 mm	4 mm	50	0.050
133.077.24	16 mm	150 mm	24 mm	50	0.050



Polishing buffs

White muslin buffs, stitched.

N°	Description	Ø	Kg
133.080	Muslin	85 mm	0.036
133.081	Muslin	100 mm	0.055



Polishing mops

Highly recommended superb quality mops. Unstitched with leather centres. Hard cutting edge for quickly removing scratches. Calico.

N°	Ø	Kg
133.082.100	100 mm	0.145
133.082.125	125 mm	0.225
133.082.150	150 mm	0.325

Polishing mops

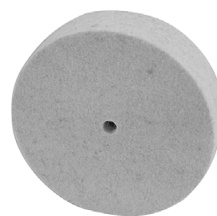
Super finishing mop for a brilliant lustre. Leather centre, no stitches.



N°	Ø	Kg
133.084.100	100 mm	0.093
133.084.125	125 mm	0.116
133.084.150	150 mm	0.140

Felt wheels

In good quality, hard, white felt. With or without wooden hub.



N°	Description	Ø	Kg
133.325.050	Without wooden hub	50 mm	0.010
133.325.070	Without wooden hub	70 mm	0.040
133.325.150	Without wooden hub	150 mm	0.100
133.326.060	With wooden hub	60 mm	0.030
133.326.070	With wooden hub	70 mm	0.045
133.326.080	With wooden hub	80 mm	0.060

Polywatch

Polywatch offers a simple solution to scratches on plastic watch crystals. It very slightly dissolves and grounds down the plastic crystal, smoothing off the edges of the scratch marks and filling in the cracks with some of the original plastic from the watch crystal. One tube of 5ml is sufficient for approximately 10-12 applications.



Sold in box of
24 pieces



N°	Packaging	Quantity	Kg
179.060.2	Languages: GB / I / E	24 x 5 ml	0.270



Jewellers shop apron

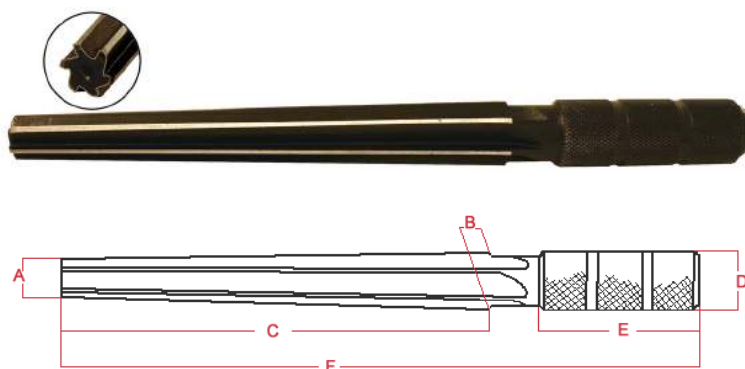
Best quality, long lasting, in heavy, dark blue denim. Two pockets, breast and waist.

N°	Dimensions	Kg
161.565	105 x 67 cm	0.420

AF Wax reamers

Designed for enlarging the inside of wax models of rings, bracelets and bangles. The multiple blades produce a faster and more even cut than cheaper single blade models. Leaves the inner wall smooth and shiny. Made from quality steel for long life.

Available in three models.



N°	Description	Length	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Number of blades	Kg
106.145S	For small rings	225 mm	8	15	150	16	58	6	0.173
106.145M	For medium rings	225 mm	13.5	20.3	150	21.5	58	6	0.250
106.145L	For bangles	237 mm	19	26	150	24	70	8	0.490

Ring stick for wax

A ring stick in polished hardwood for enlarging wax models rapidly and accurately. A fine cutting edge of steel is set in the conical part of the gauge for removing wax by rotating the model until the desired size is reached. Features two measuring scales : 1 to 33 and 41 to 73.



N°	Length	Kg
106.154	233 mm	0.070

Plastic ring sizes

A lightweight set of ring sizes in blue plastic. Good quality and smooth finish. Each gauge is marked with four numbering systems. Matches ring stick no. 106.153.



N°	Numbering	Kg
106.253	1-36 / 41-76 / 1-15 / 13.0-24.2	0.055



Ring sizes

In chrome finished metal.

N°	Numbering	Kg
106.250A	1 - 33	0.100
106.250B	41 - 78	0.100



Plastic ring stick

Ring stick in blue plastic marked with 1-36 and 41-76 numbering systems. The perfect match to our set of ring sizes no. 106.253.

N°	Length	Numbering	Kg
106.153	260 mm	1-36 / 41-76	0.036



Ring stick

In green anodised aluminium.

N°	Length	Numbering	Kg
106.140	215 mm	1-33 / 41-73 / 2-14 / C-Z	0.190



Ring stick

Beautifully finished in anodised aluminium. Numbering: 1 to 36, 41 to 76, 2 to 15 and 13 to 24.

N°	Length	Kg
106.150A	250 mm	0.190

Ring stick

Beautifully finished in anodised aluminium. Numbering: A to Z, 1 to 15, 12 to 24 and 40 to 78.



N°	Length	Kg
106.150B	250 mm	0.190

Ring stick

In anodised aluminium, numbering: 1 to 36, 41 to 76, 2 to 15 and 13 to 24.



N°	Length	Kg
106.150E	240 mm	0.190



Horizontal micrometer

Of high precision, steel spindles diam. 2 mm, non-rotating.

N°	Capacity	Spindle Ø	Reading	Kg
17780	0 - 25 mm	2 mm	0.01 mm	0.934



Dial micrometer

Adjustable table, notched discs and knife edged tips. Firmly fitted in a wooden case.

N°	Capacity	Reading	Kg
17787	0 - 10 mm	0.01 mm	0.845



Hand micrometers

Compact models in brass with steel measuring spindle. Cylindrical scale diameter 18mm, accurate to 0.01mm. Range 0 to 10mm.

N°	Description	Capacity	Spindle Ø	Reading	Cylinder Ø	Kg
177.870	In brass	0 - 10 mm	2 mm	0.01 mm	18 mm	0.055
17776	In brass	0 - 10 mm	3 mm	0.01 mm	18 mm	0.055



Hand micrometer

Hand held dial micrometer. Flat spindle faces, diameter 6.35mm. Range 0-10mm graduated in 0.01mm. One dial revolution is equal to 1mm. A knurled wheel on top of the micrometer operates the spindle. Supplied in a plastic box.

N°	Capacity	Kg
177.755	0 - 10 mm	0.135

Pearl and stone micrometer

A compact and accurate gauge, perfect for measuring the size of pearls, gems and any other small objects. Metal body in an attractive blue finish. Lays flat to facilitate measurement. Narrow tips on one side for measuring objects held between the fingers.



N°	Dimensions	Capacity	Graduation	Kg
177.756	85 x 55 x 12 mm	0 - 20 mm	0.10 mm	0.097

Gem Measuring Gauge

Special model designed with right-handed people in mind.

Despite the fact that the majority of the population is right-handed, conventional dial gauges open on the left side forcing the user to hold the object with the left hand to read the dial correctly.

This is why this gauge has the opening on the right-hand side for ease of use.

Features:

- Right side opening.
- Extra-large, easy-to-read scale.
- Robust metal frame in blue hammer finish.
- Rotating bezel for zero setting.
- Capacity: 0 to 15 mm
- Accuracy: 0.1 mm.



N°	Kg
177.760	0.115



Sliding gauge

Lightweight, in toughened polyamide plastic with locking lever. Double jaws for measuring inside and outside as well as depth gauge. Graduated in both millimeters and inches down to 0.05 mm and 1/64".

N°	Range	Resolution	Kg
166.825	0 - 150 mm / 6"	0.05 mm / 1/64"	0.075



Sliding gauge

In toughened polyamide plastic with large metric dial for ease of reading and accuracy. Features locking lever for fixing the interior, exterior and depth measurements. The sliding gauge is marked in centimeters and the dial is graduated as follows: 1.0 = millimeters, 0.1 = 1/10 mm, 0.05 = 1/20 mm.

N°	Range	Kg
166.826	0 - 150 mm / 6"	0.140



Sliding gauge

Fine quality, in stainless steel with satin finish scale. Locking screw and scale graduated in mm and inches with 1/20 vernier.

N°	Range	Kg
16682	0 - 150 mm / 6"	0.225



Digital calipers

High quality digital sliding gauges. Stainless body, plastic case. Two models available presenting different measuring ranges: 0-150 mm and 0-100 mm. Minimum value: 0.01 mm. Repeat accuracy: 0.01 mm. Fudge error: +/- 0.03 mm. Run off one 357 battery.

N°	Range	Resolution	Kg
166.832.100	0 - 100 mm	0.01 mm	0.125
166.832.150	0 - 150 mm	0.01 mm	0.125

Digital caliper

High quality digital sliding gauges. Carbon plastic body. Two sizes available: one with a measuring range from 0 to 150 mm, and one from 0 to 100 mm. Minimum value: 0.1 mm. Repeat accuracy: 0.1 mm. Fudge error: +/- 0.03 mm. Runs off one 357 battery.



N°	Range	Resolution	Kg
166.833.100	0 - 100 mm	0.1 mm	0.087
166.833.150	0 - 150 mm	0.1 mm	0.102

Digital sliding gauge

Stainless steel. Clear digital LCD readout. Runs off 357 type 1.5V battery giving one year's continuous use. Digits flash to show low battery. Supplied in plastic case with spare battery.



N°	Range	Resolution	Kg
166.838	0 - 150 mm / 6"	0.01 mm / 0.0005"	0.220

Sliding gauge

Pocket model in polished brass, graduated in both millimeters and inches. With 1/10 vernier scale for accuracy.



N°	Length	Kg
16673	80 mm	0.044

Sliding gauge

Pocket model in polished brass, graduated in millimeters and inches. Notched jaws for inside and outside measurements. Vernier scale.



N°	Length	Kg
166.740	80 mm	0.040



Bezel gauge

For measuring the diameter of glasses, bezels, movements etc. In blue anodised aluminium.

N°	Length	Kg
166.860	100 mm	0.004



Tenth gauge

In highly polished stainless steel, capacity 0 to 10 mm with ground jaws accurate to 0.1 mm. The scale is stamped on both sides of the gauge.

With flat tips for the precise measurement of stones and other small objects.

Alternative model for measuring wax models with ball-end tips to avoid damage to the wax.

N°	Length	Tip	Kg
166.940	100 mm	Flat	0.027
166.940C	100 mm	Ball	0.030



Tenth gauges

Tenth gauges in steel with brass scale.

N°	Description	Length	Capacity	Kg
16691	Regular - 1/10	150 mm	120/10mm	0.060

Bracelet gauge

In nickered steel. For adults and children, allowing measurement of wrists from 150 to 230 mm in circumference.



N°	Description	Measuring range	Kg
143.118	Circular	150 - 230 mm	0.025

Bracelet gauge

Scale on one side indicates the diameter of the bracelet and on the other, the corresponding circumference. In aluminium with grey anodised body and gold finished base.



N°	Description	Length	Ø	Kg
143.300	Conical	270 mm	Max: 100 mm	0.490

Steel ruler

Flexible in stainless steel with engraved scales. Graduated in 1.0 mm on one side and in 0.5 mm on the other.



N°	Length	Kg
166.846	150 mm	0.015
166.847	200 mm	0.015

Watch Wizard II

Watch Wizard is a new instrument for checking the performance of all mechanical watches including the new co-axial escapement types. The beat of the watch beat is displayed as a trace on a large easy-to-read LCD colour display. At the same time, the numerical values of rate, amplitude and beat error are automatically calculated and displayed. All traces and numerical values can be printed out on an optional printer when connected.

PERFORMANCES AND TECHNICAL SPECIFICATIONS:

Beat frequencies: 18000, 19800, 21600, 25200, 28800, 36000
(25200 or 28800 beats apply to co-axial escapement watches)

Ranges of displayed results and accuracy:
Daily rate: -600s/d to +600 s/day, accuracy: +/- 1 s/d
Amplitude: 0° to 360°. Accuracy: +/-2°
Beat error: 0 to 9.0 ms. Accuracy +/- 0.1 ms
Length of display trace: 480 dots.
Data stored in memory: 720 beats.
Positions tested: 1-6 positions
Lift angle: 30° - 60°, default value 52°
Power supply: single phase AC 90V to 250V, two wires.
Power consumption: about 15W
Operating environment: Temperature: 0° to 50°C
Humidity: 0 to 85% RH.
Weight: 2.5 kg
Dimensions : 245 mm x 160 mm x 110 mm



N°	Description	Kg
340.501C	Watch Wizard - Colour display	2.145
340.501M	Microphone	
340.501PR	Paper	
340.501PS	Printer	
340.501R	Spring	

Reglomat - Cyclotest



Machines for positional testing of watches and automatic winding mechanism.

REGLOMAT FINAL-TEST : 1 r.p.m.
CYCLOTEST AUTOMATIC-TEST : 4 r.p.m.
It is advisable to balance the weight of the watches on the machine.
Arms' adjustment Ø 6 mm.
Sizes: 830 x 800 x 250 mm.

Reinforced driving device for continuous work.



N°	Description			Kg	Ex AF no.
193.211PTV	Vertical stand				
BER5802-110	Reglomat 6	6 watches with strap	110V	1.000	193.213.110
BER5802-220	Reglomat 6	6 watches with strap	220V	1.000	193.213.220
BER5803-110	Cyclotest 6	6 watches with strap	110V	1.000	193.214.110
BER5803-220	Cyclotest 6	6 watches with strap	220V	1.000	193.214.220

ETIC Demagnetizer Mark II

Powerful and compact, suitable for all mains voltages, equipped with a pilot light.

Improved version of an ever-popular instrument.

- Powerful
- Easy to use
- Compact
- More ergonomic
- Safer

CE and RoHS certified



N°	Kg
340.400	0.250 kg



ETIC Battery tester

A universal instrument designed for checking all types of batteries used in watches, calculators, cameras or electronic games etc. A metal probe permits testing of individually packaged batteries. During testing, the drain on the batteries is negligible.

Important feature :

Pressing the red button, simulates the average resistance undergone by the battery in quartz analogue watches when the motor effects a step.

Tests:

- 1.35/1.5V "High Drain" for silver, mercury oxide and manganese dioxide.
- 1.35/1.5V "Low Drain" for silver, mercury oxide and lithium.
- 3V for lithium cells.

N°	Kg
340.450	0.100



SEIKO Kinetic - Energy supplier YT02A-E

An instrument for recharging the capacitors of Seiko Kinetic watches which have run down. The watch is placed on the instrument face down and positioned for optimal charging according to the model of watch. The positions are indicated by a coloured chart printed on the upper side of the instrument.

Offers a choice of two charging periods: 30 mins. for when the watch is to be immediately worn or 3 ½ hours for maximum charging or for successively charging several watches.

Advantages :

- No need to remove the watchband when charging.
- Charges all types of Kinetic models.
- Features a timer to turn off the charger after 30 minutes or 3 ½ hours.
- One model suitable with adapter for all voltages from 100V to 240V.
- Supplied complete with AC adaptor and power cords.

N°	Kg
340.457A-E	0.493

Watch winders

Fine quality winders which reproduce the natural movement of the wrist. Designed to prevent top quality automatic watches from stopping. Ideal for watch shops, workshops, private collectors, etc.

Battery or mains powered.



N°	Description	Colour	Mains	Batteries	Operation	Kg
193.221	1 watch	■ Granite	110 V / 220 V	2 x UM1	Cycle	0.660

Watch winders

Fine quality winders which reproduce the natural movement of the wrist. Designed to prevent top quality automatic watches from stopping. Ideal for watch shops, workshops, private collectors, etc.

Battery or mains powered.



N°	Description	Colour	Mains	Batteries	Operation	Kg
193.222.110	2 watches	■ Granite	110V	2 x UM1	Cycle	0.870
193.222.220	2 watches	■ Granite	220V	2 x UM1	Cycle	0.870



Watch winders

Fine quality winders which reproduce the natural movement of the wrist. Designed to prevent top quality automatic watches from stopping. Ideal for watch shops, workshops, private collectors, etc.

N°	Description	Colour	Mains	Operation	Kg
193.223.110	1 watch	White	110V	Continuous	0.340
193.223.220	1 watch	White	220V	Continuous	0.340



Watch winders

Fine quality winders which reproduce the natural movement of the wrist. Designed to prevent top quality automatic watches from stopping. Ideal for watch shops, workshops, private collectors, etc.

N°	Description	Colour	Mains	Operation	Kg
193.224.110	4 watches	Granite	110V	Cycle	1.150
193.224.220	4 watches	Granite	220V	Cycle	1.150

Calypso water resistance tester.

For checking water resistant watches. Manual operation with a built-in hand pump. Water pressure system which prevents water from entering the case during immersion. Leaks are detected visually by the presence of escaping air bubbles.

- Tests from 0 to 11 ATM (0 – 100 metres).
- Easy to read dial.
- Features release valve for safety.
- Dimensions: 170 x 200 x 270 mm
- Chamber diameter: External 90 mm / internal 80 mm.
- Instructions included.



Same model with additional connector for use with a compressor or independent pump : N° 330.445N

N°	Description	Kg
330.445	Waterproof tester	3.500
330.445.30	Set of gaskets	0.010
330.445N	Waterproof tester	3.500

Greiner dust remover

Suitable for watchmakers, goldsmiths, engravers, opticians and dental laboratories. Removes, dust, dirt particles, minute splinters etc. to keep a clean working area.

High suction, oil-free, long service life, compact, low noise.

Nominal speed: 1400 / 1700 rpm

Power: 0.18 kW

Protection: IP 54

Medium sound level: 55 / 57 db (A)

Max. volume flow: 3.2 / 4.0 m³ / h

End vacuum: 150 mbar maximum

Max. vacuum continuous operation:

250 mbar maximum

Weight: 5.8 kg



N°	Description
330.376.220	Dust remover



Vacuum dust extractor with motor

Individual working station (optional for 2 watchmakers). Needs no additional equipment.

Includes:

- Vacuum pump, capacity P 2.8 m³/h. Motor 220V, single phase 50Hz.
- Inlet filter
- Foot switch
- Power plug
- Screwed-on stand for stylus
- Vacuum stylus
- Soft brush, white.

N°	Description	Kg
330.375.1	Bench stand with tube holder	0.080
330.375.220	Vacuum dust extractor	9.00
330.375.3	Plastic coupling piece	0.010
330.386	Vacuum stylus with valve	0.015
330.387	Soft brush, Ø 10 mm	0.002
330.388	Semi-hard brush, Ø 10 mm	0.002
330.389	Nozzle	0.010
330.390	2m PVC tubing, Ø 10 mm	0.190

Pivoting lathe

Swiss made, fine quality in nickel plated brass frame. Adjusting screw and pivot gauge. Driving pulley with movable fork. Discs with interchangeable notches and lanterns. 36 notches, 72 lanterns, 6 second notches, 16 center wheel broaches.

Accessories:

Spool propulsion device - replaces the pivot polisher bow



N°	Description	Kg
188.180	Pivoting lathe	1.280

STAR High precision lathe



The original Swiss made watchmakers' lathe, in fully nickered steel. Adjustment 8 mm. Contents:

- Headstock
- Movable tailstock
- Hand rest with two posts
- Movable foot
- Lathe bar, length 250 mm
- Set of 10 American chucks 0.5 to 2.20 mm
- 5 assorted brass wax chucks with steel adaptor
- Set of 5 step chucks
- 2 pivot guard runners.



OTHER MODELS AVAILABLE, ASK FOR OUR BROCHURE.

N°	Description	Kg
188.450	Lathe	4.400
188.450.1	Headstock, right hand	0.800
188.450.10	Lathe bar, length 250 mm	0.540
188.450.2	Movable tailstock	0.240
188.450.28	Pivot guard runner	0.040
188.450.29	Pivot guard runner	0.040
188.450.3	Hand rest with 2 posts	0.175
188.450.4	Movable foot	0.600
188.450.5	Set of 10 American chucks	0.100
188.450.6	Set of 5 brass wax chucks with steel adaptor	0.060
188.450.7	Set of 5 step chucks	0.180
188.450.8	Slide rest with tool post	0.980
188.450.9	Drilling tailstock	0.450
188.451	Three jaw chuck, Ø 70 mm	0.370

Continued from previous page

STAR High precision lathe

N°	Description	Kg
188.452	Self-centring chuck, Ø 70 mm	0.430
188.453	Self-centring chuck, Ø 70 mm	0.430



Plastic belting

Transmission belting for lathe and other motors. In tough red plastic. Supplied and priced by the metre according to the customer's needs.

N°	Dimensions	Kg
188.480.02	Diam. 2 mm	0.010
188.480.03	Diam. 3 mm	0.010
188.480.04	Diam. 4 mm	0.010
188.480.05	Diam. 5 mm	0.010

OSADA Success 40

The finest high quality micro motor and handpiece designed for dental, jewellery, industrial applications.
Includes foot control.

Two working modes.

Constant mode:

For work requiring steady rotation. Stepping on the pedal starts rotation at the selected value on the speed control dial. On removing the foot, the motor continues to turn. Pressing again on the pedal stops the motor.

Variable mode:

For delicate work requiring a sensitive rotation speed. Pressure on the foot pedal accelerates the rotation speed until it reaches the speed selected on the speed dial. Increased pressure on the pedal corresponds to a faster speed from 1000 rpm up to the chosen speed on the dial. The rpm can be finely adjusted with this mode.

Outstanding features:

Extremely quiet for working comfort.

Very low tool vibration (20 μ m), for precise work.

Dust emission system by centrifugal force through slits in the handpiece cone to increase durability.

Comfortable design, well balanced to relieve load on the operator.

Rubber grip absorbs and eliminates vibration from the cutting tool or bur.

A quick change chuck with lever action.

Brushless motor, means no carbon dust to damage the motor.

Specifications:

High rotation speed : 1000 to 40000 rpm.

Electrical power: Voltage : 230V +- 10V, 50/60 Hz, current 0.1A (max. 1.25A)

Motor output: 90 watts

Motor torque: 4.8N-CM

Power unit size: width 100 mm X depth 185 mm X height 105 mm.



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N°	Description	Kg
131.157.220	Micromotor, complete	4.78
131.157.01	Hand piece	0.112
131.157.160	Mandrel Ø 1.60 mm	0.0015
131.157.235	Mandrel Ø 2.30 mm	0.0015
131.157.300	Mandrel Ø 3.00 mm	0.0015
131.157P	Foot pedal	0.1120

Micromotor System Maxima



MAXIMA micromotor electric power tool set, consisting of a power pack, rotary micro motor, foot rheostat, handpiece cradle, and accessories made to CE mark and ISO9000 qualifications. This MAXIMA all purpose electric grinder of high torque and a rotary speed of 35'000 rpm is craftsman designed and modeled.

Micromotor handpiece weight : 0.200 kg

Power pack weight : 1.600 kg

N°	Description	Kg
131.151.220/110		2.500
131.151HP	Hand piece	0.3750
131.151PV	Rheostat	0.3750
131.151RM-2416	Reducing collet sleeve Ø 2.35 to Ø 1.6 mm	0.2500
131.151RM-3004	Reducing collet sleeve Ø 3.00 to Ø 0.4 mm	0.2500
131.151RM-3005	Reducing collet sleeve Ø 3.00 to Ø 0.5 mm	0.2500
131.151RM-3006	Reducing collet sleeve Ø 3.00 to Ø 0.6 mm	0.2500
131.151RM-3007	Reducing collet sleeve Ø 3.00 to Ø 0.7 mm	0.2500
131.151RM-3008	Reducing collet sleeve Ø 3.00 to Ø 0.8 mm	0.2500
131.151RM-3009	Reducing collet sleeve Ø 3.00 to Ø 0.9 mm	0.2500
131.151RM-3010	Reducing collet sleeve Ø 3.00 to Ø 1.0 mm	0.2500
131.151RM-3011	Reducing collet sleeve Ø 3.00 to Ø 1.1 mm	0.2500
131.151RM-3012	Reducing collet sleeve Ø 3.00 to Ø 1.2 mm	0.2500
131.151RM-3013	Reducing collet sleeve Ø 3.00 to Ø 1.3 mm	0.2500
131.151RM-3014	Reducing collet sleeve Ø 3.00 to Ø 1.4 mm	0.2500
131.151RM-3015	Reducing collet sleeve Ø 3.00 to Ø 1.5 mm	0.2500
131.151RM-3016	Reducing collet sleeve Ø 3.00 to Ø 1.6 mm	0.2500
131.151RM-3017	Reducing collet sleeve Ø 3.00 to Ø 1.7 mm	0.2500
131.151RM-3018	Reducing collet sleeve Ø 3.00 to Ø 1.8 mm	0.2500
131.151RM-3019	Reducing collet sleeve Ø 3.00 to Ø 1.9 mm	0.2500
131.151RM-3020	Reducing collet sleeve Ø 3.00 to Ø 2.0 mm	0.2500
131.151RM-3024	Reducing collet sleeve Ø 3.00 to Ø 2.35 mm	0.2500
131.151RM-3216	Reducing collet sleeve Ø 3.175 to Ø 1.6 mm	0.2500

Continued from previous page

Micromotor System Maxima

N°	Description	Kg
131.151RM-3224	Reducing collet sleeve Ø 3.175 to Ø 2.35 mm	0.2500
131.151TPH65-117A	Collet chuck Ø 2.35 mm	0.2500
131.151TPH65-117B	Collet chuck Ø 3.00 mm	0.2500
131.151TPH65-117C	Collet chuck Ø 3.175 mm	0.2500
131.151TPH65-164-R5	Pair of carbon brush	0.2500

Hanging motor

Heavy duty model, designed for large workshops or production runs but also for individual workers requiring more speed and power. Includes flexible shaft and hand piece (2.35 mm).

Speed: 22500 rpm maximum
Variable electronic speed foot control.



N°	Description	Voltage	Kg
131.230.220	Hanging motor complete	220V / 500 watts	7.500
131.230F	Flexible shaft		0.5200
131.230H	Hand piece		0.1500
131.230P	Foot switch		0.5200



Micro vice

Made from chromium-plated brass with a brushed finish. Features grooves at the bottom edges of the base for gripping in another holding device such as a larger vice. One moveable jaw. Supplied with a removable plastic base and metal stand or alone.

Jaw width: 15.5 mm
Working capacity: 0 – 15 mm
Jaw depth: 9 mm
Size: 15 x 15 x 76 mm



N°	Description	Kg
171.111	Complete vice, plastic base and stand.	0.665
171.111V	Vice alone	0.138

Micro vice

A finely machined and versatile vice made from hardened steel. Ideal for hobbyists, small workshops, laboratories etc. Features screws on the jaws for gripping round objects and fitting custom-made accessories. Mounted on a ball joint allowing complete rotation and inclination to 54°. Locks into position with a knurled knob and screw. The moveable jaw slides smoothly and is free of any side play.

Jaw width: 20 mm
Jaw depth : 10 mm.
Working capacity: approx. 18 mm.
Base : 50 x 31.5 mm, thickness 16 mm.
Overall height in vertical position: 57 mm.
Supplied with 2 Allen keys.



N°	Description	Kg
171.112	Micro vice	0.286

Precision micro vice

Finely machined from high quality steel. The ideal work holding tool for hobbies, electronics, precision industries, research laboratories, small home repairs and work bench environments.

The ball and socket mounting enables instant positioning of the head at almost any angle and rotation through 360°. Released and locked firmly in position with an easy-to-use hexagonal knob.

The jaws are opened and closed with a removable key (included).

The base plate is fitted with holes for screwing to the working surface if required.



N°	Description	Kg
171.116	Vice	1.200

Vice

A heavy-duty precision vice with perfectly aligned and machined jaws in hardened steel.

Features one vertical and one horizontal V-shaped groove. Ideal for all fine mechanical and watch making applications.



N°	Dimensions	Jaw width	Max. opening	Kg
17118	140 x 67 mm	48 mm	33 mm	1.1000

Bench vice

Removable precision vice with round anvil and fixing plate included. Highly accurate machined jaws in hardened steel.

The plate is fixed to the bench and the vice attached or removed using the side locking lever. For watchmaking and other precise work.



N°	Description	Dimensions	Jaws width	Max. opening	Kg
17115	Vice	120 x 65 mm	50 mm	46 mm	1.050
17115P	Spare plate				0.085



Bench vice

For watchmaking and other precise work. Finely machined steel jaws and cast body. Clamps to the work bench. Jaws width 60 mm. Maximal opening 53 mm.



N°	Description	Dimensions	Jaws width	Max. opening	Kg
17117	Vice	195 x 150 mm	60 mm	53 mm	2.440

Swivel bench vice

The head of this versatile vice can be locked in many positions thanks to the ball joint design. Clamps to the work bench or table.

Gives easy access for many types of job. Ideal for all applications such as jewellery making, watch repairing, model making, hobbies etc.

Specifications:

Jaws width : 75 mm (3")

Jaws capacity: 55 mm (2 1/8") and 50 mm (2") with rubber sleeves.

Jaws: One smooth, one with horizontal and vertical grooves.

Removable rubber sleeves

Head rotation: 360°

Tilt positions: 0 – 90 °

Clamp opening: 50 mm (2")

Body: Die-cast aluminium



N°	Description	Kg
171.109	Bench Vice	0.920

Mini suction vice

A miniature vice with a suction base to grip any smooth surface. Ideal for hobbyists, electronics, model making, jewellery work etc.

- Lightweight yet strong.
- Tough blue plastic body, non-magnetic.
- Compact, easily removable.
- Aluminium clad jaws avoid damaging delicate parts.



N°	Height	Width	Depth	Kg
171.110	68 mm	60 mm	80 mm	0.0330

Ring clamp

In polished hardwood with wedge closing system. Jaws at both ends are lined with leather for a firm grip on the ring shank. Ideal for holding rings and other small objects when filing, drilling, etc.



N°	Length	Kg
140.500	100 mm	0.115

Ring clamp

Beautifully finished in polished boxwood. Self-opening with spring and clamping screw.



N°	Length	Kg
17091	130 mm	0.110

Hand vice

With hardwood handle.



N°	Description	Length	Jaw width	Opening	Kg
140.514	Hand vice	150 mm	12 mm	4 mm	0.085



Hand vices

In nickered steel with a tubular handle for holding lengths of wire. Serrated jaws.

N°	Length	Jaws width	Kg
17108	115 mm	15 mm	0.085
17109	115 mm	8 mm	0.070



Hand vices

Good quality in lacquered steel. Wing nut for opening and closing jaws. Serrated jaws.

N°	Length	Opening	Jaws	Kg
140.511	100 mm	30 mm	36 mm	0.250
140.512	120 mm	35 mm	40 mm	0.250
140.513	145 mm	40 mm	45 mm	0.700



Universal holder for engravers

In aluminium with wooden handle and supplied with four steel removable pins. Removable handle for fixing to the vice. Will hold items of any shape, even the most irregular ones.

N°	Description	Kg
140.506	Holder	0.202
140.506.1	Replacement pins	0.001

Super clamp

A superior ring clamp designed by professionals for jewellers and stone setters. Grips like a bench vice and allows rapid and accurate positioning of the ring. Precision made from steel and aluminium for long life. Features leather-lined jaws to prevent damage to the ring, comfortable, rubber covered handle and exit hole for filings. Easily dismantled for cleaning. Hexagonal tightening knob prevents rolling on the bench top. Includes one pair of replacement leather jaw inserts.



N°	Description	Dimensions	Kg
140.505	Super clamp	165 x 30 mm	0.265
140.505.1	Replacement leather jaw inserts	-	0.002

Bench pin and anvil

New improved quality! Hardwood pin fitted into a metal stand which also serves as an anvil. Ideal for hammering, filing, sawing, flattening, etc. Can be clamped to any bench or table top up to a thickness of 50 mm.



N°	Kg
103.110	1.450

Bench pin

Wooden bench pin for fitting into the bench and using as a support when filing, sawing, setting etc.



N°	Dimensions	Kg
103.105	160 x 65 mm	0.103

Wooden V-block with clamp

Traditional jewellers block with "V" cut-out. In hard wood block with clamp for attaching to the bench.



N°	Description	Kg
103.106	Bench pin	0.130

Elastic membrane box

A unique product (patented), designed to simplify the problems of packaging delicate, round, pointed or odd-shaped objects. Ideal for stocking, visually checking and shipping of all components and parts used in watch and jewellery manufacturing, electronics, mineralogy and optics. The box consists of top and bottom halves in polystyrene to which is attached a tough but thin (0.04 mm) elastic membrane in polyurethane.



N°	Ext. Dimensions	Kg
161.530.1	39 x 39 x 18 mm	0.007

Storage box

In transparent plastic for stocking watch parts etc. Fits into our plastic channels No 19331.



N°	Ext. Dimensions	Kg
16106	27 x 19 x 26 mm	0.003

Storage trays

Plastic tray with compartments for temporary storage of watch movements, parts during repairs. Protects items from dust with optional cover and cover with holes for fixing with plastic keys.

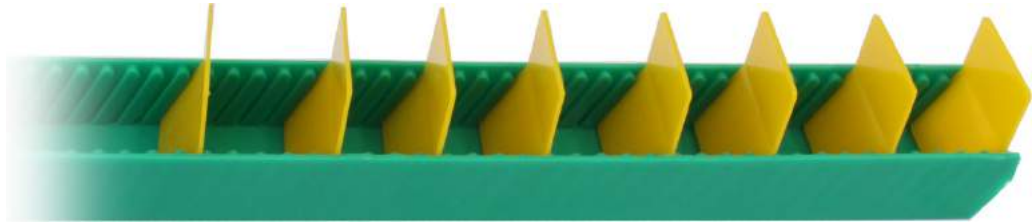
Tray is designed to be stacked and fits into others even with the cover in place.



N°	Description	-	Kg
340.204	Tray		0.0950
340.204C	Cover	order separately	0.0950
340.204C2	Cover with holes for keys	order separately	
340.204N	Keys for cover	order separately	

Slotted channels

Long plastic channels with inclined slots for stocking parts in drawers. Width corresponds to standard blister packs for watch spare parts and can also hold our plastic boxes No 16106. The supports can be cut to fit the length of the drawer. Plastic separators are used for identification and separation of parts. Not included, to be ordered separately.



N°	Description	Length	Kg
19331	Plastic Bar	475 mm	0.055
19333	Plastic separator	-	0.007

Storage cases



In black plastic with plastic or metal/glass material boxes in recesses in the lower part. Transparent hinged lid for rapid checking of the contents.
Corner guides for easy stacking.



N°	Description	Dimensions	Ø boxes	Kg
161.535	Plastic inner boxes	270 x 110 x 25 mm	40 mm (2x) + 24 mm (21x)	0.260
161.536	Metal/glass inner boxes	270 x 110 x 25 mm	40 mm (2x) + 24 mm (21x)	0.265

Storage boxes



Storage boxes in transparent plastic with a hinged lid. Perfect for storing materials, findings, gems, etc.



N°	Description	Dimensions	Kg
16151.01	1 compartment	200 x 100 x 21 mm	0.120
16151.03	3 compartments	200 x 100 x 21 mm	0.120
16151.06	6 compartments	200 x 100 x 21 mm	0.120
16151.12	12 compartments	200 x 100 x 21 mm	0.120
16151.18	18 compartments	200 x 100 x 21 mm	0.120
16151.36	36 compartments	200 x 100 x 21 mm	0.120

Storage boxes



Storage boxes in blue polystyrene with transparent sliding cover with stop. The bottom is fitted with corner guides for easy stacking.



N°	Description	Dimensions	Kg
160.095.01	1 compartment	119.5 x 70 x 25 mm	0.070
160.095.02	2 compartments	119.5 x 70 x 25 mm	0.070
160.095.03	3 compartments	119.5 x 70 x 25 mm	0.070
160.095.04	4 compartments	119.5 x 70 x 25 mm	0.070
160.095.04SP	4 compartments (special)	119.5 x 70 x 25 mm	0.070
160.095.06	6 compartments	119.5 x 70 x 25 mm	0.070
160.095.08	8 compartments	119.5 x 70 x 25 mm	0.070
160.095.10	10 compartments	119.5 x 70 x 25 mm	0.070
160.095.15	15 compartments	119.5 x 70 x 25 mm	0.070



Tray and dust cover

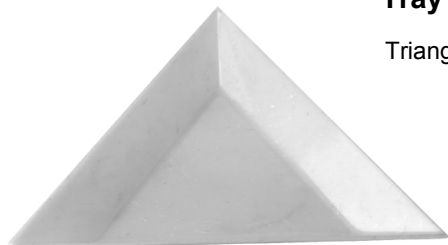
Tray in blue unbreakable plastic, 5 divisions. Dust cover in transparent, unbreakable plastic non-flammable.



N°	Description	Ø	Kg
18267	Dust cover	100 mm	0.034
18268	Tray	100 mm	0.020
18269	Dust cover and tray	100 mm	0.054

Tray

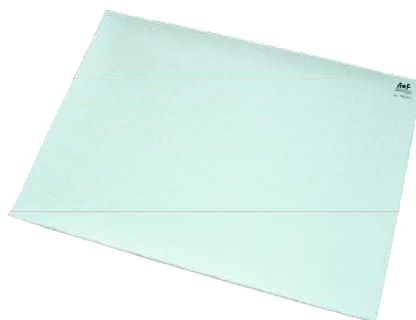
Triangular material tray in white plastic.



N°	Dimensions	Kg
182.840	80 x 80 x 8 mm	0.005

Bench mat

Popular watchmakers mat in hard, light green plastic. Hard wearing, resists liquids, non-adhesive.



N°	Dimensions	Thickness	Colour	Kg
182.571	350 x 250 mm	1.5 mm	 Light green	0.139

Bench mat

Watchmakers mat in slightly soft green plastic. Non-slip under surface keeps the mat in place on the bench. Useful anti-static properties.



N°	Description	Dimensions	Kg
182.573	Anti static and anti slip	350 x 240 mm	0.130

Bench Tidy



A mat for arranging small hand tools on the work bench for quick identification. The ridges in the mat prevent rolling. In black, flexible plastic.



N°	Dimensions	Kg
182.575	150 x 100 mm	0.050
182.576	300 x 180 mm	0.190



Bench lamp

This portable folding lamp for jewellers and watchmakers is ideal for small working spaces such as shop counters, exhibition booths and small workshops etc. Can be closed when not in use.

Gives good illumination for fatigue-free working when colour grading diamonds and other gemstones.

Neon tube 13 W with high colour rendering index > 85.

6000 Kelvin colour temperature.

CE approved.

N°	Watts	Voltage	Kg
174.275.220	9 W	220 V	1.130

0101-00C-PO	23	0302-2-CO	24	103.105	383
0101-00-PO	23	0302-2-PO	24	103.106	384
0101-0-PO	23	0302-3-CO	25	103.110	383
0101-10/00-PO	28	0302-3C-PO	26	105.760	309
0101-10/4-PO	29	0302-3-PO	25	105.760.1	309
0101-14A-PO	29	0302-4-PO	26	105.760.2	309
0101-14-PO	29	0302-5A-PO	27	105.760.3	309
0101-15A-PO	30	0302-5-CO	27	105.760.4	309
0101-1-PO	24	0302-5-PO	27	105.761	309
0101-2-PO	24	0302-7-PO	28	106.140	358
0101-3-PO	25	0302-AA-CO	30	106.145L	357
0101-4-PO	26	0302-AA-PO	30	106.145M	357
0101-5-PO	26	0302-GG-PO	31	106.145S	357
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170.485	288	17029.32	172	171.411HSS.180	110
170.485.05	288	17029.36	172	171.411HSS.200	110
170.485.50	288	17029.38	172	171.420	110
170.485.55	288	17029.40	172	171.420T	110
170.501	21	17029.42	172	171.421	111
170.630.1	247	17029.44	172	171.421T	111
170.630.2	247	17029.46	172	17108	382
170.630.5	247	17029.48	172	17109	382
170.640.1	248	17029.52	172	17115	379
170.640.2	248	17029.54	172	17115P	379
170.640.5	248	17029.56	172	17117	380
170.650.1	248	17029.58	172	17118	379
170.650.2	248	17029.60	172	172.309	182
170.650.5	248	17029.64	172	172.312	182
170.670.050	248	17029.66	172	172.313	182
170.670.100	248	17029.70	172	172.314	182
170.670.500	248	17029.72	172	172.315	182
17020	223	17029.74	172	172.318	182
17028.02	171	17029.78	172	172.409	182
17028.04	171	17029.80	172	172.412	182
17028.08	171	17031	173	172.413	182
17028.12	171	17032	173	172.414	182
17028.16	171	17033	173	172.415	182
17028.18	171	17036	172	172.418	182
17028.22	171	17037	173	172.850	101
17028.26	171	17039	173	172.850.016	101
17028.28	171	17040	173	172.850.023	101
17028.30	171	17040A	173	172.851.018	101
17028.32	171	17041	173	172.851.023	101
17028.36	171	17041A	173	172.851.031	101
17028.38	171	17042	173	172.851.050	101
17028.40	171	17042A	173	172.855	310
17028.42	171	17043	174	172.932	342
17028.44	171	17043A	174	172.933	342
17028.46	171	17044	174	172.990	345
17028.48	171	17044A	174	172.990A	345
17028.52	171	17048	174	17262	111
17028.54	171	17048A	174	17262.1.8/2.1	112
17028.56	171	17091	381	17262.2.5/2.8	112
17028.58	171	171.109	380	17262.3.0/3.3	112
17028.60	171	171.110	381	17262.3.5/3.8	112
17028.62	171	171.111	378	17262.4.0/4.3	112
17028.64	171	171.111V	378	17262.4.5/5.0	112
17028.66	171	171.112	378	17263	111
17028.68	171	171.116	379	17263.1	111
17028.70	171	171.411HSS.030	110	17263.2	111
17028.72	171	171.411HSS.035	110	17263.3	111
17028.74	171	171.411HSS.040	110	17263.4	111

17263.5	111	175.631	128	176.450.15	280
17263.6	111	175.632	128	176.450.20	280
17281	100	175.633	128	176.450.25	280
17282	101	175.634	128	176.450.30	280
17293	342	175.640	128	176.450.35	280
17293.1	342	175.700	128	176.450.40	280
17294	344	175.710.150	129	176.450G	280
17294A	344	175.710.175	129	176.451.10	280
17295	344	175.710.200	129	176.451.15	280
17295A	344	175.710E	129	176.451.20	280
17296	344	175.720	128	176.451.25	280
17296A	344	175.720.1	128	176.451.30	280
17297	345	175.720.2	128	176.451.35	280
17298	345	175.720.3	128	176.451.40	280
173.184	257	175.720.4	128	176.451G	280
173.185.20	253	175.720.5	128	176.530.24	278
173.186.20	253	175.720.6	128	176.530.28	278
173.187.20	253	175.725	310	176.555.10	284
173.190.07	262	176.150.10	274	176.555.15	284
173.190.18	262	176.150.15	274	176.555.20	284
173.191.07	262	176.150.20	274	176.560.05	284
173.191.18	262	176.150.25	274	176.560.06	284
173.200	261	176.150.30	274	176.560.08	284
173.205	259	176.150.35	274	176.560.10	284
173.500	265	176.150.40	274	176.580.150	281
173.850	215	176.152.10	274	176.580.175	281
173.851	216	176.152.12	274	176.580.225	281
173.852	216	176.152.16	274	176.580.275	281
17310	251	176.152.20	274	176.580.350	281
17311.3	251	176.153.10	275	176.582.25	282
17311.5	251	176.153.14	275	176.582.30	282
17313	250	176.154.10	275	17611.15	277
17313.B4	250	176.154.12	275	17611.20	277
17314	250	176.154.16	275	17611.25	277
17315	250	176.154.20	275	17611.30	277
17316	251	176.154.25	275	17611.35	277
17345.B	265	176.155.10	276	17611.40	277
17345.J	265	176.155.15	276	17613	278
17345.R	265	176.155.20	276	17613A	278
17345.V	265	176.155.25	276	17618.15	279
17346	265	176.155.30	276	17618.40	279
17348	265	176.155.35	276	17620.10	281
174.230M	316	176.155.40	276	17620.15	281
174.275.220	390	176.156.05	276	17620.20	281
174.310	210	176.156.06	276	17620.25	281
174.310.1	210	176.156.08	276	17620.30	281
174.310.2	210	176.156.10	276	17620.35	281
174.315	210	176.158.10	277	17620.40	281
174.315.00	210	176.158.15	277	17651.10	279
174.315.00B	210	176.158.20	277	17651.15	279
174.315.00R	210	176.158.25	277	17651.20	279
174.315.01	210	176.158.30	277	17651.25	279
174.315.01B	210	176.158.35	277	17651.30	279
174.315.01W	210	176.158.40	277	17651.35	279
174.315.02	210	176.160.15	278	17651.40	279
174.315.02L	210	176.160.20	278	17651G	280
174.315.02P	210	176.160.25	278	17651L	281
174.316	210	176.160.30	278	17652.10	279
174.322	211	176.160.35	278	17652.15	279
174.324	211	176.160.40	278	17652.20	279
175.630	128	176.450.10	280	17652.25	279

17652.30	279	177.620.160	103	17912E	205,
17652.35	279	177.620.170	103		206,
17652.40	279	177.620.180	103		208
17652G	280	177.620.190	103	17912E.36/40	208
17660.02	282	177.620.200	103	17912E.45/50	208
17660.03	282	177.620.210	103	17912F	205
17660.04	282	177.620.220	103	17912G	205
17660.05	282	177.620.230	104	17912S	205,
17660.07	282	177.620.240	104		206,
17660.10	282	177.620.250	104		207
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17660L.03	282	177.620.270	104	17912S.17-17.5	207
17660L.04	282	177.620.280	104	17912S.18-18.5	207
17660L.05	282	177.620.290	104	17912S.19-19.5	207
17660L.07	282	177.620.300	104	17912S.20-20.5	207
17660L.10	282	177.620.310	104	17912S.21-21.5	207
17661	283	177.620.320	104	17912S.22-22.5	207
177.300.07	69	177.620.330	104	17912S.23-23.5	207
177.310	69	177.620.340	104	17912S.24-24.5	207
177.320	69	177.620.350	104	17912S.25-25.5	207
177.335.2	69	177.620.360	104	17912S.26-26.5	207
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177.335.4	69	177.620.380	104	17912S.28-28.5	207
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177.340.3	69	177.620X	102	17912S.31-31.5	207
177.345.10	69	177.755	360	17912S.32-32.5	207
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177.351	69	177.760	361	17912S.34-34.5	207
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177.620.080	102,	178.200A	263	17914.15	209
	103	179.060.2	355	17914.16/18	209
177.620.085	103	179.110	205	17914.20	209
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177.620.095	103	179.131E2	206	17914.25	209
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177.620.110	103	179.140	204	17914.32/34	209
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180.590	47	18073	45	18246A	264
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180.760	43	18114A	63	183.300	214
180.770	44	18114B	63	183.300P	214
180.771	44	18114C	63	183.301	214
180.772	43	18114E	63	183.301P	214
180.773	43	18141.20	254	18300.20	255
180.774	43	182.200	76	18300.50	255
180.775	43	182.201	76	18301.20	255
180.900	60	182.202	76	18363	107
180.901	61	182.203	76	18374	243
180.910	61	182.204	76	18393	242
180.925	61	182.205	314	18393A	242
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180.928	62	182.211	76	184.545	217
180.944	52	182.211.15	76	184.546	217
180.945	54	182.211.20	76	184.547	219
180.946	63	182.211.30	76	184.548	219
180.947	63	182.571	389	18448	217
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18006.150	327	18215.07	75	185.122L	213
18006.200	327	18215.08	75	185.135.01	224
18007.06	327	18215.09	75	185.135.02	224
18007.08	327	18215.10	75	185.135.03	224
18007.10	327	18215.11	75	185.135.04	224
18008.06	327	18215.12	75	185.135.05	224
18008.08	327	18216.07	75	185.135.06	224
18008.10	327	18216.09	75	185.135.07	224
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185.135.38	225	185.151S	192	189.450A	18
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185.136.0308	225	185.600	215	189.450HI	18
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185.136.0675	225,	185.751	323	189.450R	18
	229	185.752	324	189.460	21
185.137	225	185.753	324	189.765	10
185.138	225	185.760	324	189.765A.060	10,
185.139	226	185.761	324		11
185.140.1140	226	185.762	324	189.765A.070	10
185.140.3019	227	185.770	325	189.765A.080	10,
185.140.861	227	185.777	325		11
185.141.7750	226	18538	215	189.765A.090	10
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185.150.01	191	18576D	323	189.765A.160	10,
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185.150.03	191	18576X	323	189.765A.250	10
185.150.03V	191	18580DB	246	189.765A.300	10
185.150D.050	191	18666	246	189.766.060	10
185.150D.080	191	187.410	304	189.766.070	10
185.150D.100	191	187.411	304	189.766.080	10
185.150D.C	191	187.412	304	189.766.090	10
185.150P.060-6	191,	187.413	304	189.766.100	10
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	192	188.450.1	373	189.766.160	10
185.150P.080-12	191,	188.450.10	373	189.766.180	10
	192	188.450.2	373	189.766.200	10
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189.771.120	9	18942.300	20		
189.771.130	9	18942.350	20		
189.771.140	9	18942.400	20		
189.771.150	9	18942.450	20		
189.771.160	9	18942.500	20		
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189.771.220	9	18952.04	11		
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189.771.300	9	18952.06	11		
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189.810	187	18952.08	11		
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LA 2415.180.3	123	LA 2453.160.2	126	LE 3009.55.8	131
LA 2415.180.4	123	LA 2454.180.0	126	LE 3010.40.0	132
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LA 2416.100.2	123	LA 2482.140.A	126	LE 3010.40.8	132
LA 2416.100.4	123	LA 2483.160.0	126	LE 3010.55.0	132
LA 2416.140.0	123	LA 2483.160.2	126	LE 3010.55.2	132
LA 2416.140.1	124	LA 2483.160.4	126	LE 3010.55.3	132
LA 2416.140.2	124	LA 2483.160.A	126	LE 3010.55.4	132
LA 2416.140.3	124	LA 2484.180.0	127	LE 3010.55.5	132
LA 2416.140.4	124	LA 2484.180.2	127	LE 3010.55.6	132
LA 2416.160.0	124	LA 2484.180.4	127	LE 3010.55.8	132
LA 2416.160.00	124	LA 2484.180.A	127	LE 3011.48.2	132
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LA 2416.180.0	124	LA 2492.140.0	127	LE 3012.40.6	132
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LA 2416.180.1	124	LA 2492.140.4	127	LE 3014.40.4	133
LA 2416.180.2	124	LA 2492.140.A	127	LE 3014.40.6	133
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LA 2417.160.2	124	LE 3007.55.4	130	LE 3017.55.6	134
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LA 2417.160.6	124	LE 3008.40.0	131	LE 3017.65.0	134
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LA 2418.100.4	125	LE 3008.40.3	131	LE 3017.65.3	134
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LP 1060.05.2	137	LP 1133.06.00	139	LP 1152.04.2	142
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LP 1061.03.3	138	LP 1133.10.0	140	LP 1152.08.2	142
LP 1061.03.4	138	LP 1133.10.00	140	LP 1152.08.4	142
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LP 1132.06.1	138	LP 1138.06.2	140	LP 1163.05.2	143
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LP 1132.08.1	139	LP 1142.06.00	141	LP 1163.06.4	143
LP 1132.08.2	139	LP 1142.06.1	141	LP 1163.06.5	143
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LP 1166.06.00	144	LP 1230.04.2	146	LP 1360.06.6	149
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LP 1166.06.2	144	LP 1230.06.00	146	LP 1360.07.2	149
LP 1166.08.0	144	LP 1230.06.2	146	LP 1360.07.4	149
LP 1166.08.00	144	LP 1230.08.0	146	LP 1360.08.0	149
LP 1166.08.1	144	LP 1230.08.00	146	LP 1360.08.00	149
LP 1166.08.2	144	LP 1230.08.2	146	LP 1360.08.000	149
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