

assortment informations new products

01.2022 EN

Tools. Next Level.



Brütsch/Rüegger Tools Ltd.

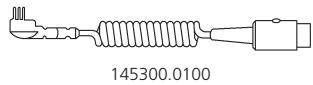
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145300 Accessories RENISHAW

Order ID	Designation
145300.0100	Probe head cable with 5-pin DIN-standard plug, length 160 mm
145300.0200	Probe cartridge MSR1 for 6 TP20 modules
145300.1100	Replacement battery lithium 1/2 AA 3.6 V to RENISHAW OMP40



152280 LED Ring Light SCHOTT

The EasyLED Ring Light Plus delivers highly homogeneous and shadow-free illumination in a tough metal housing and well-designed heat sink. The integrated 'jog dial' element provides simple and intuitive switching between illumination modes, as well as rotation of the segments in both directions.

- Features:**
- Powerful luminance 140'000 lux (at working distance 65 mm)
 - Color temperature 5'600 K
 - Integrated controller for continuous dimming (0 – 100%)
 - Mountable direct to the microscope objective
 - Segmentable with eight segments

Package content:
LED ring light with power supply.

Order ID	Designation
152280.0100	SCHOTT EasyLED Plus Ring Light, 8 segments with integrated jog dial










152285 Accessories SCHOTT

Usable with:
152280 LED Ring Light SCHOTT

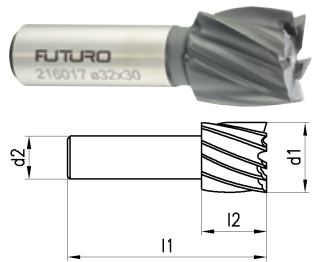
Order ID	Designation
152285.0100	Diffuser for SCHOTT EasyLED Ring Light Plus, to avoid LED reflection





216017 HSS shoulder milling cutters FUTURO

HSS-E Co8	Ø 16-50	AlCrN	 30°	 k10	 h6	 NORM		 4-8
	P	M	K	N	S	H	O	
	●●	●●	○		○			

Order ID	d1 mm	l2 mm	l1 mm	d2 mm	teeth
216017.0100	16	15	60	10	4
216017.0200	20	15	65	12	4
216017.0300	25	20	75	16	5
216017.0400	30	30	90	20	6
216017.0500	32	30	90	20	6
216017.0600	35	30	90	20	6
216017.0700	40	32	95	25	8
216017.0800	50	36	100	32	8



251137 Set of centre drills 60° FUTURO

HSS	TiAlN	 h7	DIN 333					
A	P	M	K	N	S	H	O	
	●●	●●	○	○	○		○	


Order ID	Contents pieces	Contents, 1 unit each
251137.0100	7	0.5/1/1.6/2/2.5/3.15/4



257651 Multistep drill set FUTURO

HSS-E
Co5

Coated



P

M


K


N


S


H


O

















FUTURO



In a practical plastic box.

Properties:

Sturdy design for drilling and chamfering in one operation. The additional 60° groove is used for deburring thin-walled sheet metal.


Special coating to increase the service life and improve the surface quality.


Order ID	Range mm	Contents, 1 unit each	Contents pieces
257651.0100	4...30	4-12/4-20/4-30	3


281811 Machine reamer MAGAFOR


High-precision design

HSS-E
Co8










DIN
212B



P

M


K


N


S


H


O







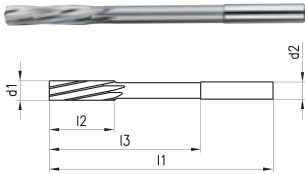












d1 mm	l2 mm	l1 mm	d2 mm	l3 mm	Z
0.60...0.79	5	33	0.60	17	4
0.80...1.00	5	38	0.80	22	4
1.01...1.55	7	40	1.01	24	4
1.56...1.79	9	43	1.56	26	6
1.80...2.36	10	46	1.80	31	6
2.37...3.75	14	57	2.37	36	6
3.76...4.25	19	75	4	47	6
4.26...4.75	21	80	4	52	6
4.76...6.00	23	86	5	58	6
6.01...6.70	28	101	6	65	6
6.71...7.50	31	109	7	73	6
7.51...8.50	33	117	8	81	6
8.51...9.50	36	125	9	85	6
9.51...10.60	38	133	10	93	6
10.61...11.80	41	142	10	102	8
11.81...13.20	44	151	10	111	8
13.21...14.00	47	160	12	115	8
14.01...15.00	50	162	12	117	8
15.01...16.00	52	170	12	125	8
16.01...16.20	54	175	14	130	8
16.97...17.00	54	175	14	130	8
17.01...17.05	56	182	14	137	8
17.97...18.00	56	182	14	137	8
18.01...18.05	58	189	16	141	8
18.10...18.20	58	189	16	141	8
18.97...19.00	58	189	16	141	8
19.01...19.05	60	195	16	147	8
19.97...20.05	60	195	16	147	8
20.10...20.20	60	195	16	147	8

318680 Flat hand file NERIOX



NERIOX



Engineer's files made of high-quality steel, with double-cut, for working ferrous and non-ferrous materials.

Order ID	Length in	Cut	Length mm	Profile mm
318680.0100	8	2 second cut	200	19.2 x 4.3
318680.0200	10	2 second cut	250	23.2 x 5

318685 Half-round files NERIOX



NERIOX



Engineer's files made of high-quality steel, with double-cut, for working ferrous and non-ferrous materials.

Order ID	Length in	Cut	Length mm	Profile mm
318685.0100	8	2 second cut	200	20.2 x 5.6
318685.0200	10	2 second cut	250	23.2 x 6.5

318690 Triangular file NERIOX



Engineer's files made of high-quality steel, with double-cut, for working ferrous and non-ferrous materials.

Order ID	Length in	Cut	Length mm	Profile mm
318690.0100	8	2 second cut	200	12.5
318690.0200	10	2 second cut	250	15.5

318695 Square file NERIOX



Engineer's files made of high-quality steel, with double-cut, for working ferrous and non-ferrous materials.

Order ID	Length in	Cut	Length mm	Profile mm
318695.0100	8	2 second cut	200	6.6
318695.0200	10	2 second cut	250	8.6

318715 Round file NERIOX



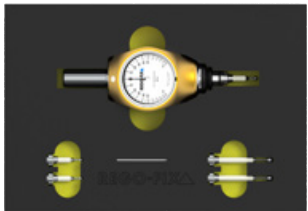
Engineer's files made of high-quality steel, with double-cut, for working ferrous and non-ferrous materials.

Order ID	Length in	Cut	Length mm	Profile mm
318715.0100	8	2 second cut	200	6.8
318715.0200	10	2 second cut	250	8.9

337315 Set of 3D edge finder REGO-FIX

Shorter set-up time and higher precision with 3D-EdgeMaster

- Properties:
- Repeatability ≤ 0.01 mm
 - Splash-proof according to IP67
 - Easy and comfortable adjustment of the concentricity
 - Large and clearly arranged dial
 - Parallel traverse in X, Y and Z
 - Probe insert with ceramic break point



Application

Its precise and flexible application possibilities allow quick and easy determination of workpiece zero points and length measurements. As soon as the pointers indicate „0“, the spindle axis is precisely positioned on the workpiece edge.

- Consisting of:
- 337316.0100: 1 pieces 3D edge finder metric REGO-FIX Ø 4mm / shank 16mm
 - 337317.0100: 2 pieces 3D-Probe tip short REGO-FIX Ø 4mm / L 31mm
 - 337317.0200: 2 pieces 3D-Probe tip long REGO-FIX Ø 6mm / L 56.5mm

Order ID	Contents pieces	Shaft Ø mm	Length mm	Probe heads Ø mm
337315.0100	5	16	ca. 174	4 & 6

337316 3D edge finder REGO-FIX

Shorter set-up time and higher precision with 3D-EdgeMaster

- Properties:
- Repeatability ≤ 0.01 mm
 - Splash-proof according to IP67
 - Easy and comfortable adjustment of the concentricity
 - Large and clearly arranged dial
 - Parallel traverse in X, Y and Z
 - Probe insert with ceramic break point



Application

Its precise and flexible application possibilities allow quick and easy determination of workpiece zero points and length measurements. As soon as the pointers indicate „0“, the spindle axis is precisely positioned on the workpiece edge.

Order ID	Shaft Ø mm	Length mm	Probe heads Ø mm
337316.0100	16	ca. 174	4

337317 Accessories 3D edge finder REGO-FIX

Probe tip with ceramic shank and solid carbide ball

Order ID	Length	Probe heads Ø
	mm	mm
337317.0100	31	4
337317.0200	56.5	6



426285 Hexagon socket wrench set NERIOX



46 pieces, chrome vanadium steel, chrome-plated, foam insert in carbon look with marking of dimensions, in plastic case.

Order ID		426285.0100	
Parts		46	
Reversible ratchet	in	1/4	
Spin type speeder	in	1/4	
Sliding tee bar	mm	115	
Extensions	mm	55 100 150	
Universal joint	in	1/4	
Hex 1/4"		4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm	
Hexagon key	mm	1.25 1.5 2 2.5	
Hexagon	mm	3 4 5 6 7 8	
Phillips 1/4"		1 2 3	
Pozidriv 1/4"		1 2 3	
Slot 1/4"		4 5.5 7	
for TORX® screws		T10 T15 T20 T25 T30 T40	

NERIOX



428855 Hexagon socket wrench set NERIOX



109 pieces, chrome vanadium steel, chrome-plated, foam insert in carbon look with marking of dimensions, in plastic case with metal clasps.

Order ID		428855.0100	
Parts		110	
Reversible ratchet	in	1/4 + 1/2	
Spin type speeder	in	1/4	
Sliding tee bar	mm	115	
Universal joint	in	1/4 + 1/2	
Bit holder with retaining spring		1/4"	
Coupler		1/4-1/4 + 1/2-5/16	
Socket adapter	in	3/8 - 1/2	
Extensions	mm	55 100 125 150 250	
Hex 1/4"		4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm	
Hex long 1/4"		4 5 6 7 8 9 10 11 12 mm	
Hex 1/2"		10 11 12 13 14 15 16 17 18 19 20 21 22 24 27 30 32 mm	
Hex long 1/2"		13 14 15 17 19 mm	
Spark plug wrench 1/2"	mm	16 21	
Phillips-Bit		1 2 3 4	
Pozidriv-Bit		1 2 3 4	
Slotted bit		5 7 8 10 12	
Hexagon socket bits	mm	7 8 9 10 12	
Bit for TORX® screws		T20 T25 T30 T45 T50 T55	
Phillips 1/4"		0 1 2	
Pozidriv 1/4"		0 1 2	
Slot 1/4"		3 4 5 6	
Inside hexagon	mm	3 4 5 6 7 8	
For TORX® 1/4"		T8 T10 T15 T20 T25 T27 T30 T40	

NERIOX



431840 Torque screwdriver HAZET



HAZET 6002CT, compact torque screwdriver with scale and fine adjustment. Large torque range from 0.1 to 1.2 Nm; Ideally suited for universal use in industry, for plastic fittings, connections in switch cabinets and model making. Accuracy of ±5% from the scale value in accordance with DIN EN ISO 6789, with factory test certificate. Hexagon socket tool mount for 1/4" bits C6.3 + E6.3.

Order ID	Type	Torque range Nm	Division Nm	Length mm
431840.0100	6002CT	0.1...1.2	0.01	170



431845 Torque screwdriver HAZET



HAZET 6003CT, compact torque screwdriver with scale and fine adjustment. **Large torque range from 1 to 6 Nm**; Ideally suited for universal use in industry, for plastic fittings, connections in switch cabinets and model making. Accuracy of $\pm 5\%$ from the scale value in accordance with DIN EN ISO 6789, with factory test certificate. Hexagon socket tool mount for 1/4" bits C6.3 + E6.3.

Order ID	Type	Torque range Nm	Division Nm	Length mm
431845.0100	6003CT	1...6	0.1	230



498630 Multi-year inspection stickers

2022–2027, self-adhesive sticker for safety inspections, cadmium-free, excellent production quality, excellent adhesive strength, highly resistant to UV light, chemicals and moisture. The inspection sticker frays into small pieces when trying to remove it, thus ensuring that it cannot be transferred intact. **Sheet of 50 stickers**

Appropriate accessories:

459211 Ticket pliers KUKKO
498610 Base stickers

Order ID	Ø mm	Color	Year
498630.0100	15	yellow	2022...2027
498630.0200	15	red	2022...2027
498630.0300	15	blue	2022...2027
498630.0400	15	green	2022...2027
498630.0500	15	white	2022...2027
498630.0600	25	yellow	2022...2027
498630.0700	25	red	2022...2027
498630.0800	25	blue	2022...2027
498630.0900	25	green	2022...2027
498630.1000	25	white	2022...2027



656111 Cordless pole pruner STIHL HTA 50

AK battery system



Lightweight cordless pole pruner with high cutting performance for all kinds of tree maintenance work. 1/4 inch PM3 saw chain and side chain tensioning. With a branch hook for easy removal of loose clippings from the tree, semi-transparent oil tank, ergonomic control unit and detachable shaft for easy transport and space-saving storage. Total length 280 cm.

Appropriate spare parts:

656135.0100 Saw chain STIHL 3670 1/4" P Picco Micro 3 (PM3) 25 cm - 3670 000 0056
656154.0100 Guide rail STIHL Rollomatic E Mini, 1/4" P, 1.1 mm 25 cm - 3005 008 3403
656180.0100 Chain guard STIHL 25 cm / rail connection 3005 Mini

Order ID	656111.0100	656111.0200
Type	HTA 50 (SET)	HTA 50 (SOLO)
Battery included	With AK 20	Battery not included
Charger included	With AL 101	Charger not included
Rail length	cm	25
STIHL Oilomatic saw chain type	Picco Micro 3 (PM3)	Picco Micro 3 (PM3)
Saw chain pitch	1/4" P	1/4" P
Nominal voltage	V	36
Total length	cm	280
Sound pressure level	dB(A)	78
Sound power level	dB(A)	94
Vibration level on the left/right	m/s²	0.5 / 1.0
AK 10 battery life	min	25
AK 20 battery life	min	45
AK 30 battery life	min	60
Weight without battery	kg	3.6



HTA 50

656543 Multi-charger STIHL AL 301-4



Sequentially charges up to four batteries.

230 V multi-charger for sequentially charging **up to four AP or AR L batteries**. Can be mounted on the wall, on a shelf or installed in a vehicle. Operated via external power supply. With operating status display via LED and active battery cooling.

AR L connection cable and AP adapter for charging AR L backpack batteries are not included.

Order ID	656543.0100	
Type	AL 301-4	
Connection	V	230
Battery voltage	V	36
Charging current	A	6.5
Weight	kg	4.4



AL 301-4

656988 Wooden ballpoint pen STIHL

Walnut, metal

This elegant, wooden ballpoint pen is an ideal, high-quality gift. The lower section of the pen is made of oiled walnut wood, while the tip and upper section are made of shiny metal, creating an artistic contrast. This pen with blue refill fits comfortably in your hand and writes perfectly.

Order ID	656988.0100
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658009 Ballpoint pen STIHL TIMBERSPORTS®

Matt soft-touch finish, metal

Ballpoint pen with black ink, matt soft-touch finish and metal tip.

Order ID	658009.0100
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870500 Plug connection SMC KQ2H

Straight

Material:

Plastic (PBT/PP)

Straight plug connection for connecting hoses

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870500.0010	2
870500.0020	3.2
870500.0030	4
870500.0040	6
870500.0050	8
870500.0060	10
870500.0070	12
870500.0080	16



870501 Plug connection SMC KQ2H

Straight, with reduction

Material:

Plastic (PBT/PP)

Straight plug connection with reduction for connecting hoses

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870501.0010	3.2 / 2
870501.0020	4 / 2
870501.0030	4 / 3.2
870501.0040	6 / 3.2
870501.0050	6 / 4
870501.0060	8 / 6



870502 Right-angle plug connection SMC KQ2L

Material:
Plastic (PBT/PP)
Right-angle plug connection for connecting hoses
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870502.0010	3.2 / 3.2
870502.0020	4 / 4
870502.0030	6 / 6
870502.0040	8 / 8
870502.0050	10 / 10
870502.0060	12 / 12
870502.0070	16 / 16



870503 Right-angle plug connection SMC KQ2L

Material:
Plastic (PBT/PP)
Right-angle plug connection for changing the hose connection direction of a plug connection by 90°
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870503.0010	3.2	3.2
870503.0020	4	4
870503.0030	6	6
870503.0040	8	8
870503.0050	10	10
870503.0060	12	12
870503.0070	16	16



870504 Right-angle plug connection SMC KQ2L

With reduction
Material:
Plastic (PBT/PP)
Right-angle plug connection for changing the hose connection direction of a plug connection by 90° as well as for connecting to a hose with smaller diameter
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870504.0010	3.2	4
870504.0020	3.2	6
870504.0030	4	6
870504.0040	4	8
870504.0050	6	8



870505 Right-angle plug connection, extended SMC KQ2W

Material:
Plastic (PBT/PP)
Extended right-angle plug connection for changing the hose connection direction of a plug connection by 90° and for avoiding connection overlaps
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870505.0010	3.2	3.2
870505.0020	4	4
870505.0030	6	6
870505.0040	8	8
870505.0050	10	10
870505.0060	12	12



870506 T plug connection SMC KQ2T

Material:
Plastic (PBT/PP)
T plug connection for splitting a hose into 2 directions at an angle of 90° to the original direction
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	for outside Ø of tube supply line
	mm	mm
870506.0010	2	2
870506.0020	3.2	3.2
870506.0030	4	4
870506.0040	6	6
870506.0050	8	8
870506.0060	10	10
870506.0070	12	12
870506.0080	16	16



870507 T plug connection SMC KQ2T

With reduction
Material:
Plastic (PBT/PP)
T plug connection with reduction for splitting the hose in two directions, each at a right angle, with simultaneous reduction of the splitter hose diameters
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø
	mm
870507.0010	4 / 3.2 / 3.2
870507.0020	6 / 4 / 4
870507.0030	6 / 6 / 4
870507.0040	8 / 6 / 6
870507.0050	8 / 8 / 6
870507.0060	10 / 10 / 8



870508 Cross-plug splitter SMC KQ2TW

Material:
Plastic (PBT/PP)
Cross-plug splitter for splitting a hose in four directions
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø
	mm
870508.0010	4 / 4
870508.0020	6 / 6
870508.0030	8 / 8
870508.0040	10 / 10
870508.0050	12 / 12



870509 Cross-plug splitter SMC KQ2TY

With reduction
Material:
Plastic (PBT/PP)
Cross-plug splitter with reduction for hose junctions
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø
	mm
870509.0010	8 / 6 / 6 / 6



870510 Cross-plug splitter SMC KQ2TX

With 2 reductions

Material:

Plastic (PBT/PP)

Cross-plug splitter with reduction for connecting four hoses with two different hose sizes

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870510.0010	8 / 6 / 8 / 6



870511 3D right-angle plug connection SMC KQ2D

Material:

Plastic (PBT/PP)

3D plug-in bracket for connecting 3 hoses at right angles to each other

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870511.0010	4 / 4 / 4
870511.0020	6 / 6 / 6
870511.0030	8 / 8 / 8
870511.0040	10 / 10 / 10
870511.0050	12 / 12 / 12



870512 Y plug connection SMC KQ2U

Material:

Plastic (PBT/PP)

Y plug splitter for splitting a hose

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870512.0010	2 / 2 / 2
870512.0020	3.2 / 3.2 / 3.2
870512.0030	4 / 4 / 4
870512.0040	6 / 6 / 6
870512.0050	8 / 8 / 8
870512.0060	10 / 10 / 10
870512.0070	12 / 12 / 12
870512.0080	16 / 16 / 16



870513 Y plug connection SMC KQ2U

With reduction

Material:

Plastic (PBT/PP)

Y plug splitter with reduction for splitting a hose into two narrower hoses

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870513.0010	3.2 / 2 / 2
870513.0020	4 / 2 / 2
870513.0030	4 / 3.2 / 3.2
870513.0040	6 / 4 / 4
870513.0050	8 / 6 / 6



870514 Y splitter SMC KQ2U

Material:
Plastic (PBT/PP)
Y plug splitter for splitting the line from a plug connector
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870514.0010	3.2	3.2
870514.0020		
870514.0030	6	6
870514.0040	8	8
870514.0050	10	10
870514.0060	12	12
870514.0070	16	16



870515 Y splitter SMC KQ2X

With reduction
Material:
Plastic (PBT/PP)
Y plug splitter with reduction for splitting the line from a plug connector into two hoses with smaller diameter
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870515.0010	3.2 / 3.2	4
870515.0020	4 / 4	6
870515.0030	6 / 6	8



870516 Y plug connection, 4-way SMC KQ2UD

With reduction
Material:
Plastic (PBT/PP)
Y plug splitter with four-way reduction for splitting a hose into four hoses with smaller diameter
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	for outside Ø of tube supply line	Hose outside Ø
	mm	mm
870516.0010	6	4
870516.0020	8	6



870517 Y plug splitter, 4-way SMC KQ2XD

With reduction
Material:
Plastic (PBT/PP)
Four-way Y plug splitter for splitting the line from a plug connector into four hoses with smaller diameter
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870517.0010	4	6
870517.0020	6	8



870518 Right-angle plug connection, 2-way SMC KQ2LU

Material:
Plastic (PBT/PP)
Two-way right-angle plug splitter for splitting a hose into two outlets at a right angle
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm
870518.0010	4
870518.0020	6
870518.0030	8
870518.0040	10
870518.0050	12



870519 Push-in fitting SMC KQ2H

Male thread, metric, nickel-plated brass
Straight push-in fitting with male thread
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870519.0010	2	M5	7
870519.0020	3.2	M5	7
870519.0030	4	M5	8
870519.0040	4	M6	8
870519.0050	6	M5	10
870519.0060	6	M6	10



870520 Push-in fitting SMC KQ2H

Male thread, metric, stainless steel
Straight push-in fitting with male thread, stainless steel
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870520.0010	2	M3	5.5
870520.0020	3.2	M3	7
870520.0030	4	M3	8



870521 Push-in fitting SMC KQ2H

Male thread, imperial, nickel-plated brass
Straight push-in fitting with male thread
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

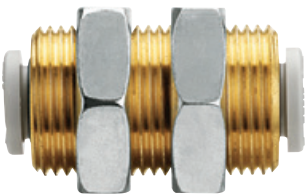
Order ID	Hose outside Ø mm	Thread	SW mm
870521.0010	4	R1/8"	10
870521.0020	4	R1/4"	14
870521.0030	6	R1/8"	10
870521.0040	6	R1/4"	14
870521.0050	6	R3/8"	17
870521.0060	8	R1/8"	14
870521.0070	8	R1/4"	14
870521.0080	8	R3/8"	17
870521.0090	10	R1/8"	17
870521.0100	10	R1/4"	17
870521.0110	10	R3/8"	17
870521.0120	10	R1/2"	22
870521.0130	12	R1/4"	19
870521.0140	12	R3/8"	19
870521.0150	12	R1/2"	22
870521.0160	16	R1/4"	24
870521.0170	16	R3/8"	24
870521.0180	16	R1/2"	24



870522 Bulkhead plug connection SMC KQ2E

Male thread, metric, brass

Bulkhead plug connection for connecting hoses through a plate
Max. mounting plate thickness 11 mm
Brass yellow
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø mm	SW mm
870522.0010	3.2	14
870522.0020	4	14
870522.0030	6	17
870522.0040	8	19
870522.0050	10	24
870522.0060	12	27
870522.0070	16	32

870523 Push-in fitting SMC KQ2S with hexagon socket

Male thread, metric, nickel-plated brass

Straight push-in fitting with hexagon socket
The push-in fitting can be fixed above the hexagon socket opening in the body using an Allen key.
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø mm	Thread	SW mm
870523.0010	3.2	M5	2
870523.0020	4	M5	2.5
870523.0030	4	M6	3
870523.0040	6	M5	2.5
870523.0050	6	M6	3

870524 Push-in fitting SMC KQ2S with hexagon socket

Male thread, metric, stainless steel

Straight push-in fitting with hexagon socket
The push-in fitting can be fixed above the hexagon socket opening in the body using an Allen key.
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø mm	Thread	SW mm
870524.0010	2	M3	1.5
870524.0020	3.2	M3	1.5
870524.0030	4	M3	1.5

870525 Push-in fitting SMC KQ2S with hexagon socket

Male thread, imperial, nickel-plated brass

Straight push-in fitting with hexagon socket
The push-in fitting can be fixed above the hexagon socket opening in the body using an Allen key.
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø mm	Thread	SW mm
870525.0010	4	R1/8"	3
870525.0020	6	R1/8"	4
870525.0030	6	R1/4"	4
870525.0040	8	R1/8"	5
870525.0050	8	R1/4"	6
870525.0060	8	R3/8"	6
870525.0070	10	R1/8"	5
870525.0080	10	R1/4"	8
870525.0090	10	R3/8"	8
870525.0100	10	R1/2"	8
870525.0110	12	R1/4"	8
870525.0120	12	R3/8"	10
870525.0130	12	R1/2"	10
870525.0140	16	R1/4"	8
870525.0150	16	R3/8"	10
870525.0160	16	R1/2"	12

870526 Screw-in bracket SMC KQ2L

Male thread, metric, nickel-plated brass

Rotatable 360°
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870526.0010	2	M5	7
870526.0020	3.2	M5	7
870526.0030	4	M5	7
870526.0040	4	M6	8
870526.0050	6	M5	7
870526.0060	6	M6	8



870527 Screw-in bracket SMC KQ2L

Male thread, metric, stainless steel

Rotatable 360°
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870527.0010	2	M3	5.5
870527.0020	3.2	M3	7
870527.0030	4	M3	7



870528 Screw-in bracket SMC KQ2L

Male thread, imperial, nickel-plated brass

Rotatable 360°
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870528.0010	3.2	R1/8"	12
870528.0020	4	R1/8"	12
870528.0030	6	R1/8"	12
870528.0040	8	R1/8"	12
870528.0050	10	R1/8"	12
870528.0060	3.2	R1/4"	17
870528.0070	4	R1/4"	17
870528.0080	6	R1/4"	17
870528.0090	8	R1/4"	17
870528.0100	10	R1/4"	17
870528.0110	12	R1/4"	17
870528.0120	16	R1/4"	17
870528.0130	6	R3/8"	21
870528.0140	8	R3/8"	21
870528.0150	10	R3/8"	21
870528.0160	12	R3/8"	21
870528.0170	16	R3/8"	21
870528.0180	10	R1/2"	27
870528.0190	12	R1/2"	27
870528.0200	16	R1/2"	27



870529 Screw-in bracket 45°, SMC KQ2K

Male thread, metric, nickel-plated brass

Rotatable 360°
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870529.0010	4	M5	7
870529.0020	4	M6	8
870529.0030	6	M5	7
870529.0040	6	M6	8



870530 Screw-in bracket 45°, SMC KQ2K

Male thread, imperial, nickel-plated brass

Rotatable 360°
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870530.0010	4	R1/8"	10
870530.0020	6	R1/8"	10
870530.0030	8	R1/8"	10
870530.0040	10	R1/8"	12
870530.0050	4	R1/4"	14
870530.0060	6	R1/4"	14
870530.0070	8	R1/4"	14
870530.0080	10	R1/4"	17
870530.0090	12	R1/4"	17
870530.0100	16	R1/4"	17
870530.0110	6	R3/8"	17
870530.0120	8	R3/8"	17
870530.0130	10	R3/8"	17
870530.0140	12	R3/8"	17
870530.0150	16	R3/8"	22
870530.0160	10	R1/2"	22
870530.0170	12	R1/2"	22
870530.0180	16	R1/2"	22



870531 Screw-in bracket SMC KQ2LF

Female thread, metric, nickel-plated brass

Rotatable 360°
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Internal thread	SW mm
870531.0010	4	M5	8
870531.0020	4	M6	8
870531.0030	6	M5	8
870531.0040	6	M6	8



870532 Screw-in bracket SMC KQ2LF

Female thread, imperial, brass

Rotatable 360°
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Internal thread	SW mm
870532.0010	4	R1/4"	17
870532.0020	6	R1/4"	17
870532.0030	8	R1/4"	17
870532.0040	10	R1/4"	17
870532.0050	12	R1/4"	17
870532.0060	6	R3/8"	19
870532.0070	8	R3/8"	19
870532.0080	10	R3/8"	19
870532.0090	12	R3/8"	19
870532.0100	10	R1/2"	24
870532.0110	12	R1/2"	24



870533 Screw-in bracket SMC KQ2LF

Female thread, imperial, nickel-plated brass

Rotatable 360°
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Internal thread	SW mm
870533.0010	4	R1/8"	14
870533.0020	6	R1/8"	14
870533.0030	8	R1/8"	14
870533.0040	4	R1/4"	17
870533.0050	6	R1/4"	17
870533.0060	8	R1/4"	17
870533.0070	10	R1/4"	17
870533.0080	12	R1/4"	17
870533.0090	6	R3/8"	19
870533.0100	8	R3/8"	19
870533.0110	10	R3/8"	19
870533.0120	12	R3/8"	19
870533.0130	10	R1/2"	24
870533.0140	12	R1/2"	24



870534 Screw-in bracket SMC KQ2V

Male thread, metric, nickel-plated brass

Rotatable 360°
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
With sealing ring
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Thread	SW mm	Hose outside Ø mm
870534.0010	M5	8	4
870534.0020	M5	8	6



870535 Screw-in bracket SMC KQ2V

Male thread, imperial, nickel-plated brass

Rotatable 360°
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
With thread sealant
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870535.0010	4	R1/8"	8
870535.0020	6	R1/8"	8
870535.0030	8	R1/8"	12
870535.0040	6	R1/4"	10
870535.0050	8	R1/4"	12
870535.0060	10	R1/4"	14
870535.0070	8	R3/8"	14
870535.0080	10	R3/8"	14
870535.0090	12	R3/8"	17
870535.0100	16	R3/8"	21
870535.0110	12	R1/2"	17
870535.0120	16	R1/2"	21



870536 Screw-in bracket SMC KQ2VF

Male thread, metric, nickel-plated brass

Rotatable 360°
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
With thread sealant
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Outside thread	Internal thread	SW mm
870536.0010	4	M5	M5	8
870536.0020	6	M5	M5	8



870537 Screw-in bracket SMC KQ2VF

Male thread, imperial, nickel-plated brass

Rotatable 360°
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
With thread sealant
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Outside thread	Internal thread	SW mm
870537.0010	4	R1/8"	R1/8"	14
870537.0020	6	R1/8"	R1/8"	14
870537.0030	8	R1/8"	R1/8"	17
870537.0040	6	R1/4"	R1/4"	17
870537.0050	8	R1/4"	R1/4"	17
870537.0060	10	R1/4"	R1/4"	19
870537.0070	8	R3/8"	R3/8"	22
870537.0080	10	R3/8"	R3/8"	22
870537.0090	12	R3/8"	R3/8"	22
870537.0100	12	R1/2"	R1/2"	24



870538 Screw-in bracket SMC KQ2VS

Male thread, metric, nickel-plated brass

Rotatable 360°, with hexagon socket
Using the hexagon socket opening in the body, the push-in fitting can be fastened with an Allen key.
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870538.0010	4	M5	4
870538.0020	6	M5	4



870539 Screw-in bracket SMC KQ2VS

Male thread, imperial, nickel-plated brass

Rotatable 360°, with hexagon socket
Using the hexagon socket opening in the body, the push-in fitting can be fastened with an Allen key.
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870539.0010	4	R1/8"	6
870539.0020	6	R1/8"	6
870539.0030	8	R1/8"	8
870539.0040	6	R1/4"	6
870539.0050	8	R1/4"	8
870539.0060	10	R1/4"	8
870539.0070	8	R3/8"	8
870539.0080	10	R3/8"	8
870539.0090	12	R3/8"	10
870539.0100	12	R1/2"	10



870540 Screw-in bracket SMC KQ2W

Male thread, metric, nickel-plated brass

Rotatable 360°, extended design
Used with variable line connections to avoid overlapping of fittings
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870540.0010	2	M5	7
870540.0020	3.2	M5	7
870540.0030	4	M5	7
870540.0040	6	M5	7



870541 Screw-in bracket SMC KQ2W

Male thread, imperial, nickel-plated brass

Rotatable 360°, extended design
Used with variable line connections to avoid overlapping of fittings
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870541.0010	4	R1/8"	10
870541.0020	6	R1/8"	10
870541.0030	8	R1/8"	10
870541.0040	3.2	R1/4"	14
870541.0050	4	R1/4"	14
870541.0060	6	R1/4"	14
870541.0070	8	R1/4"	14
870541.0080	10	R1/4"	17
870541.0090	12	R1/4"	17
870541.0100	16	R1/4"	17
870541.0110	6	R3/8"	17
870541.0120	8	R3/8"	17
870541.0130	10	R3/8"	17
870541.0140	12	R3/8"	17
870541.0150	16	R3/8"	22
870541.0160	10	R1/2"	22
870541.0170	12	R1/2"	22
870541.0180	16	R1/2"	22



870542 Screw-in bracket SMC KQ2W

Male thread, metric, stainless steel

Rotatable 360°, extended design
Used with variable line connections to avoid overlapping of fittings
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870542.0010	2	M3	5.5
870542.0020	3.2	M3	7
870542.0030	4	M3	7



870543 T push-in fitting SMC KQ2T

Male thread, metric, nickel-plated brass

T push-in fitting for splitting a line from the female thread at a 90° angle to both sides
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	SW mm	Thread
870543.0010	2	7	M5
870543.0020	3.2	7	M5
870543.0030	4	7	M5
870543.0040	4	8	M6
870543.0050	6	7	M5
870543.0060	6	8	M6



870544 T push-in fitting SMC KQ2T

Male thread, metric, stainless steel

T push-in fitting for splitting a line from the female thread at a 90° angle to both sides
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870544.0010	2	M3	5.5
870544.0020	3.2	M3	7
870544.0030	4	M3	7



870545 T push-in fitting SMC KQ2T

Male thread, imperial, nickel-plated brass

T push-in fitting for splitting a line from the female thread at a 90° angle to both sides
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870545.0010	3.2	R1/8"	10
870545.0020	4	R1/8"	10
870545.0030	6	R1/8"	10
870545.0040	8	R1/8"	10
870545.0050	10	R1/8"	12
870545.0060	3.2	R1/4"	14
870545.0070	4	R1/4"	14
870545.0080	6	R1/4"	14
870545.0090	8	R1/4"	14
870545.0100	10	R1/4"	17
870545.0110	12	R1/4"	17
870545.0120	16	R1/4"	17
870545.0130	6	R3/8"	17
870545.0140	8	R3/8"	17
870545.0150	10	R3/8"	17
870545.0160	12	R3/8"	17
870545.0170	16	R3/8"	22
870545.0180	10	R1/2"	22
870545.0190	12	R1/2"	22
870545.0200	16	R1/2"	22



870546 T swivel fitting SMC KQ2Y

Male thread, metric, nickel-plated brass

T push-in fitting for splitting a line from the female thread straight and at a 90° angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870546.0010	2	M5	7
870546.0020	3.2	M5	7
870546.0030	4	M5	7
870546.0040	4	M6	8
870546.0050	6	M5	7
870546.0060	6	M6	8



870547 T swivel fitting SMC KQ2Y

Male thread, metric, stainless steel

T push-in fitting for splitting a line from the female thread straight and at a 90° angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870547.0010	2	M3	5.5
870547.0020	3.2	M3	7
870547.0030	4	M3	7



870548 T swivel fitting SMC KQ2Y

Male thread, imperial, nickel-plated brass

T push-in fitting for splitting a line from the female thread straight and at a 90° angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870548.0010	3.2	R1/8"	10
870548.0020	4	R1/8"	10
870548.0030	6	R1/8"	10
870548.0040	8	R1/8"	10
870548.0050	10	R1/8"	12
870548.0060	3.2	R1/4"	14
870548.0070	4	R1/4"	14
870548.0080	6	R1/4"	14
870548.0090	8	R1/4"	14
870548.0100	10	R1/4"	17
870548.0110	12	R1/4"	17
870548.0120	16	R1/4"	17
870548.0130	6	R3/8"	17
870548.0140	8	R3/8"	17
870548.0150	10	R3/8"	17
870548.0160	12	R3/8"	17
870548.0170	16	R3/8"	22
870548.0180	10	R1/2"	22
870548.0190	12	R1/2"	22
870548.0200	16	R1/2"	22

870549 3D screw-in bracket SMC KQ2D

Male thread, metric, nickel-plated brass

3D screw-in bracket for splitting a line from the female thread into two directions, each at a right angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870549.0010	4	M5	10
870549.0020	4	M6	10
870549.0030	6	M5	12
870549.0040	6	M6	12

870550 3D screw-in bracket SMC KQ2D

Male thread, imperial, nickel-plated brass

3D screw-in bracket for splitting a line from the female thread into two directions, each at a right angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870550.0010	4	R1/8"	10
870550.0020	6	R1/8"	12
870550.0030	8	R1/8"	14
870550.0040	4	R1/4"	14
870550.0050	6	R1/4"	14
870550.0060	8	R1/4"	14
870550.0070	10	R1/4"	17
870550.0080	12	R1/4"	19
870550.0090	6	R3/8"	17
870550.0100	8	R3/8"	17
870550.0110	10	R3/8"	17
870550.0120	12	R3/8"	19
870550.0130	10	R1/2"	22
870550.0140	12	R1/2"	22

870551 Screw-in bracket, 2-way SMC KQ2VD

Male thread, imperial, nickel-plated brass

Rotatable 360°
Screw-in bracket, for splitting a line from the female thread into two freely swivelling outlets at right angles
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870551.0010	4	R1/8"	14
870551.0020	6	R1/8"	14
870551.0030	8	R1/8"	19
870551.0040	4	R1/4"	14
870551.0050	6	R1/4"	14
870551.0060	8	R1/4"	19
870551.0070	10	R1/4"	21
870551.0080	12	R1/4"	26
870551.0090	4	R3/8"	17
870551.0100	6	R3/8"	17
870551.0110	8	R3/8"	19
870551.0120	10	R3/8"	21
870551.0130	12	R3/8"	26
870551.0140	8	R1/2"	22
870551.0150	10	R1/2"	22
870551.0160	12	R1/2"	26



870552 Screw-in bracket, 3-way SMC KQ2VT

Male thread, imperial, nickel-plated brass

Rotatable 360°
Screw-in bracket, for splitting a line from the female thread into three freely swivelling outlets at right angles
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870552.0010	4	R1/8"	14
870552.0020	6	R1/8"	14
870552.0030	8	R1/8"	19
870552.0040	4	R1/4"	14
870552.0050	6	R1/4"	14
870552.0060	8	R1/4"	19
870552.0070	10	R1/4"	21
870552.0080	12	R1/4"	26
870552.0090	4	R3/8"	17
870552.0100	6	R3/8"	17
870552.0110	8	R3/8"	19
870552.0120	10	R3/8"	21
870552.0130	12	R3/8"	26
870552.0140	8	R1/2"	22
870552.0150	10	R1/2"	22
870552.0160	12	R1/2"	26



870553 Y push-in fitting SMC KQ2U

Male thread, metric, nickel-plated brass

Y plug splitter for splitting a hose in a straight direction
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870553.0010	3.2	M5	10
870553.0020	4	M5	10
870553.0030	4	M6	10
870553.0040	6	M5	12
870553.0050	6	M6	12



870554 Y push-in fitting SMC KQ2U

Male thread, imperial, nickel-plated brass

Y plug splitter for splitting a hose in a straight direction
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870554.0010	3.2	R1/8"	10
870554.0020	4	R1/8"	10
870554.0030	6	R1/8"	12
870554.0040	8	R1/8"	14
870554.0050	3.2	R1/4"	14
870554.0060	4	R1/4"	14
870554.0070	6	R1/4"	14
870554.0080	8	R1/4"	14
870554.0090	10	R1/4"	17
870554.0100	12	R1/4"	19
870554.0110	16	R1/4"	24
870554.0120	6	R3/8"	17
870554.0130	8	R3/8"	17
870554.0140	10	R3/8"	17
870554.0150	12	R3/8"	19
870554.0160	16	R3/8"	24
870554.0170	10	R1/2"	22
870554.0180	12	R1/2"	22
870554.0190	16	R1/2"	24

870555 Screw-in bracket, 2-way SMC KQ2LU

Male thread, metric, nickel-plated brass

Rotatable 360°
Two-way right-angle plug connection for splitting a connection at a right angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870555.0010	4	M5	10
870555.0020	4	M6	10
870555.0030	6	M5	12
870555.0040	6	M6	12

870556 Screw-in bracket, 2-way SMC KQ2LU

Male thread, imperial, nickel-plated brass

Rotatable 360°
Two-way right-angle plug connection for splitting a connection at a right angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870556.0010	4	R1/8"	10
870556.0020	6	R1/8"	12
870556.0030	8	R1/8"	14
870556.0040	4	R1/4"	14
870556.0050	6	R1/4"	14
870556.0060	8	R1/4"	14
870556.0070	10	R1/4"	17
870556.0080	12	R1/4"	19
870556.0090	6	R3/8"	17
870556.0100	8	R3/8"	17
870556.0110	10	R3/8"	17
870556.0120	12	R3/8"	19
870556.0130	10	R1/2"	22
870556.0140	12	R1/2"	22

870557 Screw-in bracket, 2-way SMC KQ2Z

Male thread, metric, nickel-plated brass

Rotatable 360°, with sealing ring
Two-way right-angle plug connection for splitting a connection at a right angle
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870557.0010	4	M5	8



870558 Screw-in bracket, 2-way SMC KQ2Z

Male thread, imperial, nickel-plated brass

Rotatable 360°
Two-way right-angle plug connection for splitting a connection at a right angle
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870558.0010	4	R1/8"	8
870558.0020	6	R1/8"	8
870558.0030	8	R1/8"	12
870558.0040	6	R1/4"	14
870558.0050	8	R1/4"	12
870558.0060	10	R1/4"	14
870558.0070	6	R3/8"	14
870558.0080	8	R3/8"	14
870558.0090	10	R3/8"	14
870558.0100	12	R3/8"	17
870558.0110	12	R1/2"	17



870559 Screw-in bracket, 2-way SMC KQ2ZF

Male thread, metric, nickel-plated brass

Rotatable 360°, with sealing ring
Two-way right-angle plug connection for splitting a connection at a right angle
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Outside thread	Internal thread	SW mm
870559.0010	4	M5	M5	8



870560 Screw-in bracket, 2-way SMC KQ2ZF

Male thread, imperial, nickel-plated brass

Rotatable 360°
Two-way right-angle plug connection for splitting a connection at a right angle
With the hexagon head, the body can be tightened using a socket wrench if there is limited installation space
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Outside thread	Internal thread	SW mm
870560.0010	4	R1/8"	R1/8"	14
870560.0020	6	R1/8"	R1/8"	14
870560.0030	8	R1/8"	R1/8"	17
870560.0040	6	R1/4"	R1/4"	19
870560.0050	8	R1/4"	R1/4"	19
870560.0060	10	R1/4"	R1/4"	19
870560.0070	10	R3/8"	R3/8"	22
870560.0080	12	R3/8"	R3/8"	22
870560.0090	12	R1/2"	R1/2"	24



870561 Y push-in fitting, 4-way SMC KQ2UD

Male thread, imperial, nickel-plated brass

Four-way Y plug connection for splitting a line into four hoses
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870561.0010	4	R1/8"	12
870561.0020	4	R1/4"	14
870561.0030	6	R1/8"	14
870561.0040	6	R1/4"	14



870562 Screw-in bracket, 4-way SMC KQ2ZD

Male thread, imperial, nickel-plated brass

Rotatable 360°
Four-way screw-in bracket for splitting a line into four hoses, each at a right angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870562.0010	4	R1/8"	14
870562.0020	6	R1/8"	14
870562.0030	8	R1/8"	19
870562.0040	4	R1/4"	14
870562.0050	6	R1/4"	14
870562.0060	8	R1/4"	19
870562.0070	10	R1/4"	21
870562.0080	12	R1/4"	26
870562.0090	4	R3/8"	17
870562.0100	6	R3/8"	17
870562.0110	8	R3/8"	19
870562.0120	10	R3/8"	21
870562.0130	12	R3/8"	26
870562.0140	8	R1/2"	22
870562.0150	10	R1/2"	22
870562.0160	12	R1/2"	26



870563 Screw-in bracket, 6-way SMC KQ2ZT

Male thread, imperial, nickel-plated brass

Rotatable 360°
Six-way screw-in bracket for splitting a line into four hoses, each at a right angle
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø mm	Thread	SW mm
870563.0010	4	R1/8"	14
870563.0020	6	R1/8"	14
870563.0030	8	R1/8"	19
870563.0040	4	R1/4"	14
870563.0050	6	R1/4"	14
870563.0060	8	R1/4"	19
870563.0070	10	R1/4"	21
870563.0080	12	R1/4"	26
870563.0090	4	R3/8"	17
870563.0100	6	R3/8"	17
870563.0110	8	R3/8"	19
870563.0120	10	R3/8"	21
870563.0130	12	R3/8"	26
870563.0140	8	R1/2"	22
870563.0150	10	R1/2"	22
870563.0160	12	R1/2"	26



870564 Coupling piece SMC KQ2N

Straight

Material:

Plastic (PBT/PP)

Coupling piece for connecting two plug connections

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Plug connection
	mm
870564.0010	4 / 4
870564.0020	6 / 6
870564.0030	8 / 8
870564.0040	10 / 10
870564.0050	12 / 12
870564.0060	16 / 16



870565 Coupling piece SMC KQ2N

Straight, with reduction

Material:

Plastic (PBT/PP)

Coupling piece with reduction for connecting two plug connections

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Plug connection
	mm
870565.0010	6 / 4
870565.0020	8 / 6
870565.0030	10 / 8
870565.0040	12 / 10
870565.0050	16 / 12



870566 Plug connection SMC KQ2R

Straight, with reduction

Material:

Plastic (PBT/PP)

Plug-in reduction, for connection to a different-sized plug connector

White

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	Plug connection
	mm	mm
870566.0010	2	4
870566.0020	3.2	4
870566.0030	3.2	6
870566.0040	4	6
870566.0050	4	8
870566.0060	6	4
870566.0070	6	8
870566.0080	6	10
870566.0090	6	12
870566.0100	8	10
870566.0110	8	12
870566.0120	10	12
870566.0130	10	16
870566.0140	12	16



870567 Sealing plug SMC KQ2P

Material:
Plastic (PBT/PP)
Sealing plugs for sealing unused plug connections, white
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Plug connection
	mm
870567.0010	3.2
870567.0020	4
870567.0030	6
870567.0040	8
870567.0050	10
870567.0060	12
870567.0070	16

870568 Sealing sleeve SMC KQ2C

Material:
Plastic (PBT/PP)
Sealing cap for sealing unused hoses
White
Suitable for compressed air and water
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Hose outside Ø
	mm
870568.0010	4
870568.0020	6
870568.0030	8
870568.0040	10
870568.0050	12
870568.0060	16

870569 Straight coupling SMC KQ2N

Metric
Material:
Threaded part nickel-plated brass
Screw-in coupling for connecting a plug connection with a female thread
White
Suitable for compressed air and water, with sealing ring
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Thread	Plug connection	SW
		mm	mm
870569.0010	M5	4	7
870569.0020	M5	6	7

870570 Straight coupling SMC KQ2N

Imperial
Material:
Threaded part nickel-plated brass
Screw-in coupling for connecting a plug connection with a female thread
White
Suitable for compressed air and water, self-sealing thread
Test pressure 30 bar
Max. operating pressure 10 bar
Min. operating pressure -1 bar
Operating temperature for air -5 to +60°C
Operating temperature for water 0 to +40°C (not frozen)



Order ID	Thread	Plug connection	SW
		mm	mm
870570.0010	R1/8"	4	10
870570.0020	R1/8"	6	10
870570.0030	R1/4"	6	14
870570.0040	R1/4"	8	14
870570.0050	R3/8"	8	17
870570.0060	R3/8"	10	17

870572 Right-angle bulkhead plug connection SMC KQ2LE

Rotatable 360°

Material:

Threaded part nickel-plated brass

Right-angle bulkhead plug connection for connecting hoses through a plate with simultaneous change in hose input direction by 90°

Brass yellow

Suitable for compressed air and water

Test pressure 30 bar

Max. operating pressure 10 bar

Min. operating pressure -1 bar

Operating temperature for air -5 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

Order ID	Hose outside Ø	SW
	mm	mm
870572.0010	4 / 4	14 / 14
870572.0020	6 / 6	17 / 17
870572.0030	8 / 8	17 / 19
870572.0040	10 / 10	22 / 24
870572.0050	12 / 12	24 / 27



870600 Polyurethane hose SMC, blue

TU

Material:

Threaded part brass

Flexible hose TU

Suitable for compressed air and water

Max. operating pressure 8 bar

Operating temperature for air -20 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

For sale only in coils

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870600.0010	2	1.2	4	20
870600.0020	4	2.5	10	20
870600.0030	6	4	15	20
870600.0040	8	5	20	20
870600.0050	10	6.5	27	20
870600.0060	12	8	35	20
870600.0070	4	2.5	10	100
870600.0080	6	4	15	100
870600.0090	8	5	20	100
870600.0100	10	6.5	27	100
870600.0110	12	8	35	100



870602 Polyurethane hose SMC, black

TU

Material:

Polyurethane

Flexible hose TU

Suitable for compressed air and water

Max. operating pressure 8 bar

Operating temperature for air -20 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

For sale only in coils

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870602.0010	2	1.2	4	20
870602.0020	4	2.5	10	20
870602.0030	6	4	15	20
870602.0040	8	5	20	20
870602.0050	10	6.5	27	20
870602.0060	12	8	35	20
870602.0070	4	2.5	10	100
870602.0080	6	4	15	100
870602.0090	8	5	20	100
870602.0100	10	6.5	27	100



870604 SMC polyurethane hose, green

TU

Material:
Polyurethane
Flexible hose TU
Suitable for compressed air and water
Max. operating pressure 8 bar
Operating temperature for air -20 to +60°C
Operating temperature for water 0 to +40°C (not frozen)
For sale only in coils

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870604.0010	2	1.2	4	20
870604.0020	4	2.5	10	20
870604.0030	6	4	15	20
870604.0040	8	5	20	20
870604.0050	10	6.5	27	20
870604.0060	12	8	35	20
870604.0070	4	2.5	10	100
870604.0080	6	4	15	100
870604.0090	8	5	20	100
870604.0100	10	6.5	27	100
870604.0110	12	8	35	100



870606 Polyurethane hose SMC, red

TU

Material:
Polyurethane
Flexible hose TU
Suitable for compressed air and water
Max. operating pressure 8 bar
Operating temperature for air -20 to +60°C
Operating temperature for water 0 to +40°C (not frozen)
For sale only in coils

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870606.0010	4	2.5	10	20
870606.0020	6	4	15	20
870606.0030	8	5	20	20
870606.0040	10	6.5	27	20
870606.0050	12	8	35	20
870606.0060	4	2.5	10	100
870606.0070	6	4	15	100
870606.0080	8	5	20	100
870606.0090	10	6.5	27	100
870606.0100	12	8	35	100



870608 Polyurethane hose SMC, white

TU

Material:
Polyurethane
Flexible hose TU
Suitable for compressed air and water
Max. operating pressure 8 bar
Operating temperature for air -20 to +60°C
Operating temperature for water 0 to +40°C (not frozen)
For sale only in coils

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870608.0010	2	1.2	4	20
870608.0020	4	2.5	10	20
870608.0030	6	4	15	20
870608.0040	8	5	20	20
870608.0050	10	6.5	27	20
870608.0060	12	8	35	20
870608.0070	4	2.5	10	100
870608.0080	6	4	15	100
870608.0090	8	5	20	100
870608.0100	10	6.5	27	100
870608.0110	12	8	35	100



870610 Polyurethane hose SMC, transparent

TU

Material:

Polyurethane

Flexible hose TU

Suitable for compressed air and water

Max. operating pressure 8 bar

Operating temperature for air -20 to +60°C

Operating temperature for water 0 to +40°C (not frozen)

For sale only in coils

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870610.0010	2	1.2	4	20
870610.0020	4	2.5	10	20
870610.0030	6	4	15	20
870610.0040	8	5	20	20
870610.0050	10	6.5	27	20
870610.0060	12	8	35	20
870610.0070	4	2.5	10	100
870610.0080	6	4	15	100
870610.0090	8	5	20	100
870610.0100	10	6.5	27	100
870610.0110	12	8	35	100



870612 Polyurethane hose SMC, blue

TUZ

Material:

Special polyurethane, PTFE-coated

Wear-resistant hose for straight line connection

Suitable for compressed air

Operating pressure 8 bar

Burst pressure 24 bar

Operating temperature for air -20 to +60°C

Only sold in 20-metre rolls

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870612.0010	4	2.5	10	20
870612.0020	6	4	15	20
870612.0030	8	5	20	20
870612.0040	10	6.5	27	20
870612.0050	12	8	35	20



870613 Polyurethane hose SMC, black

TUZ

Material:

Special polyurethane, PTFE-coated

Wear-resistant hose for straight line connection

Suitable for compressed air

Operating pressure 8 bar

Burst pressure 24 bar

Operating temperature for air -20 to +60°C

Only sold in 20-metre rolls

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870613.0010	4	2.5	10	20
870613.0020	6	4	15	20
870613.0030	8	5	20	20
870613.0040	10	6.5	27	20
870613.0050	12	8	35	20



870614 SMC polyurethane hose, green

TUZ

Material:

Special polyurethane, PTFE-coated

Wear-resistant hose for straight line connection

Suitable for compressed air

Operating pressure 8 bar

Burst pressure 24 bar

Operating temperature for air -20 to +60°C

Only sold in 20-metre rolls

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870614.0010	4	2.5	10	20
870614.0020	6	4	15	20
870614.0030	8	5	20	20
870614.0040	10	6.5	27	20
870614.0050	12	8	35	20



870615 Polyurethane hose SMC, red

TUZ

Material:
Special polyurethane, PTFE-coated
Wear-resistant hose for straight line connection
Suitable for compressed air
Operating pressure 8 bar
Burst pressure 24 bar
Operating temperature for air -20 to +60°C
Only sold in 20-metre rolls

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870615.0010	4	2.5	10	20
870615.0020	6	4	15	20
870615.0030	8	5	20	20
870615.0040	10	6.5	27	20
870615.0050	12	8	35	20



870616 Polyurethane hose SMC, white

TUZ

Material:
Special polyurethane, PTFE-coated
Wear-resistant hose for straight line connection
Suitable for compressed air
Operating pressure 8 bar
Burst pressure 24 bar
Operating temperature for air -20 to +60°C
Only sold in 20-metre rolls

Order ID	Hose outside Ø	Hose inside Ø	Bending radius min.	Tape length
	mm	mm	mm	m
870616.0010	4	2.5	10	20
870616.0020	6	4	15	20
870616.0030	8	5	20	20
870616.0040	10	6.5	27	20
870616.0050	12	8	35	20



870619 Plug-in distributor strip SMC KM11

6 connections

Plug-in distributor strip, KM11 series
Possibility of axial line connection, numerous variation options

Plug-in connections: 6

Order ID	Hose outside Ø	Connections
	mm	
870619.0010	8 / 4	2 / 6
870619.0020	10 / 6	2 / 6
870619.0030	12 / 8	2 / 6



870620 Plug-in distributor strip SMC KM11

10 connections

Plug-in distributor strip, KM11 series
Possibility of axial line connection, numerous variation options

Plug-in connections: 10

Order ID	Hose outside Ø	Connections
	mm	
870620.0010	8 / 4	2 / 10
870620.0020	10 / 6	2 / 10
870620.0030	12 / 8	2 / 10



870621 Plug-in distributor strip SMC KM13

3 connections

Plug-in distributor strip, KM13 series
Possibility of axial line connection, numerous variation options

Plug-in connections: 3

Order ID	Hose outside Ø	Connections
	mm	
870621.0010	6 / 4	2 / 3
870621.0020	8 / 4	2 / 3
870621.0030	8 / 6	2 / 3
870621.0040	10 / 6	2 / 3
870621.0050	10 / 8	2 / 3



870622 Clamp strip for hoses SMC TM

Black

Material:

flame-retardant polypropylene

Can be cut off at any point depending on the number of hoses used



Order ID	Hose outside Ø mm	Holder
870622.0010	4	12
870622.0020	6	12
870622.0030	8	8

870650 Throttle check valve with plug connection SMC AS

Lockable, metric

With plug connection, lockable design

Larger clearance underneath the hose facilitates fitting/removal of the hose

Suitable for compressed air

Control type: exhaust air-controlled

Supply line connection: Male thread M5 x 0.8

Outlet connection: Plug connection for hose

Test pressure 15 bar

Max. operating pressure 10 bar

Min. operating pressure 0.10 bar

Media temperature: -5°C to 60°C

Other sizes available upon request



Order ID	Hose outside Ø mm	Thread	SW mm
870650.0010	2	M5	8
870650.0020	3.2	M5	8
870650.0030	4	M5	8
870650.0040	6	M5	8

870651 Throttle check valve with plug connection SMC AS

Lockable, with display, metric

With plug connection, lockable version with numerical display

Larger clearance underneath the hose facilitates fitting/removal of the hose

Suitable for compressed air

Control type: exhaust air-controlled

Supply line connection: Male thread M5 x 0.8

Outlet connection: Plug connection for hose

Test pressure 15 bar

Max. operating pressure 10 bar

Min. operating pressure 0.10 bar

Media temperature: -5°C to 60°C

Other sizes available upon request



Order ID	Hose outside Ø mm	Thread	SW mm
870651.0010	2	M5	8
870651.0020	3.2	M5	8
870651.0030	4	M5	8
870651.0040	6	M5	8

870652 Throttle check valve with plug connection SMC AS

Lockable, imperial

With plug connection, lockable version with numerical display

Larger clearance underneath the hose facilitates fitting/removal of the hose

Suitable for compressed air

Control type: exhaust air-controlled

Supply line connection: Male thread, inch

Outlet connection: Plug connection for hose

Test pressure 15 bar

Max. operating pressure 10 bar

Min. operating pressure 0.10 bar

Media temperature: -5°C to 60°C

Other sizes available upon request



Order ID	Hose outside Ø mm	Thread	SW mm
870652.0010	3.2	R1/8"	13
870652.0020	4	R1/8"	13
870652.0030	6	R1/8"	13
870652.0040	8	R1/8"	13
870652.0050	10	R1/8"	13
870652.0060	4	R1/4"	17
870652.0070	6	R1/4"	17
870652.0080	8	R1/4"	17
870652.0090	10	R1/4"	17

870653 Throttle check valve with plug connection SMC AS

Lockable, with display, imperial

With plug connection, lockable version with numerical display
Larger clearance underneath the hose facilitates fitting/removal of the hose
Suitable for compressed air
Control type: exhaust air-controlled
Supply line connection: Male thread, inch
Outlet connection: Plug connection for hose
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.10 bar
Media temperature: -5°C to 60°C
Other sizes available upon request



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870653.0010	3.2	R1/8"	13
870653.0020	4	R1/8"	13
870653.0030	6	R1/8"	13
870653.0040	8	R1/8"	13
870653.0050	10	R1/8"	13
870653.0060	3.2	R1/4"	17
870653.0070	4	R1/4"	17
870653.0080	6	R1/4"	17
870653.0090	8	R1/4"	17
870653.0100	10	R1/4"	17

870654 Throttle check valve SMC AS

Universal, lockable

With plug connection, lockable version
Suitable for compressed air
Control type: exhaust air-controlled
Supply line connection: Male thread
Outlet connection: Plug connection for hose
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.10 bar
Media temperature: -5°C to 60°C
Other sizes available upon request



Order ID	Hose outside Ø	Thread	SW
	mm		mm
870654.0010	3.2	R1/8"	13
870654.0020	4	R1/8"	13
870654.0030	6	R1/8"	13
870654.0040	8	R1/8"	13
870654.0050	4	R1/4"	17
870654.0060	6	R1/4"	17
870654.0070	8	R1/4"	17
870654.0080	10	R1/4"	17

870655 2/2-way manual shut-off valve SMC VHK

With plug connection

2/2-way manual shut-off valve, inline
Pushbutton colour: grey
Suitable for compressed air and vacuum
Supply line/discharge line connection: Plug connection for hose
Test pressure 15 bar
Max. operating pressure 10 bar
Vacuum -1 bar
Other sizes available upon request



Order ID	Hose outside Ø	Min. flow rate
	mm	l/min
870655.0010	4	185
870655.0020	6	392
870655.0030	8	529
870655.0040	10	878

870656 3/2-way manual shut-off valve SMC VHK

With plug connection

3/2-way manual shut-off valve, inline
Pushbutton colour: blue
Suitable for compressed air
Supply line/drainage connection: Plug connection for hose
Test pressure 15 bar
Max. operating pressure 10 bar
Other sizes available upon request



Order ID	Hose outside Ø	Min. flow rate
	mm	l/min
870656.0010	4	185
870656.0020	6	392
870656.0030	8	529
870656.0040	10	878

870657 3-way manual shut-off valve SMC VHS

With silencer

3/2-way manual shut-off valve with locking holes (single-acting) and built-in silencer
Can be combined with modular maintenance unit
Suitable for compressed air
Threaded connection, imperial
Media temperature -5 to +60°C
Test pressure 15 bar
Min. operating pressure 0.10 bar
Max. operating pressure 10 bar
Other sizes available upon request



Order ID	Thread	Min. flow rate l/min
870657.0010	G1/8" / G1/8"	670
870657.0020	G1/4" / G1/8"	900
870657.0030	G1/4" / G1/4"	1840
870657.0040	G3/8" / G1/4"	2280
870657.0050	G1/2" / G3/8"	3840
870657.0060	G3/4" / G3/8"	4690

870658 Filter regulator SMC AW-A

With secondary ventilation

Filter pressure regulator, version with secondary ventilation
Suitable for compressed air
Threaded connection M5
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 7 bar
Filtration rate 5 µm
Tank volume 2.5 cm³
Manual condensate drainage
Other versions on request



Order ID	Pneumatic connection	Min. flow rate l/min
870658.0010	M5	150

870659 Filter regulator SMC AW-B

With secondary ventilation

Filter pressure regulator, version with secondary ventilation
Suitable for compressed air
Threaded connection, imperial
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 8.5 bar
Filtration rate 5 µm
Tank volume 8 cm³
Manual condensate drainage
Other versions on request



Order ID	Pneumatic connection	Min. flow rate l/min
870659.0010	G1/8"	800
870659.0020	G1/8"	800
870659.0030	G1/8"	800
870659.0040	G1/8"	800
870659.0050	G1/4"	800
870659.0060	G1/4"	800
870659.0070	G1/4"	800
870659.0080	G1/4"	800

870660 Filter regulator SMC AW-B

With secondary ventilation

Filter pressure regulator, version with secondary ventilation
Suitable for compressed air
Threaded connection, imperial
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 8.5 bar
Filtration rate 5 µm
Tank volume 25 cm³
Manual condensate drainage
Other versions on request



Order ID	Pneumatic connection	Min. flow rate l/min
870660.0010	G1/4"	1500
870660.0020	G1/4"	1500
870660.0030	G1/4"	1500
870660.0040	G1/4"	1500
870660.0050	G3/8"	1500
870660.0060	G3/8"	1500
870660.0070	G3/8"	1500
870660.0080	G3/8"	1500

870661 Filter regulator SMC AW-B

With secondary ventilation

Filter pressure regulator, version with secondary ventilation
Suitable for compressed air
Threaded connection, imperial
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 8.5 bar
Filtration rate 5 µm
Tank volume 45 cm³
Manual condensate drainage
Other versions on request



Order ID	Pneumatic connection	Min. flow rate l/min
870661.0010	G1/2"	3000
870661.0020	G1/2"	3000
870661.0030	G1/2"	3000
870661.0040	G1/2"	3000
870661.0050	G3/4"	4000
870661.0060	G3/4"	4000
870661.0070	G3/4"	4000
870661.0080	G3/4"	4000

870662 Regulator SMC AR10-A

With secondary ventilation

Pressure regulator, version with secondary ventilation
Suitable for compressed air
Threaded connection M5
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 7 bar
Other versions on request



Order ID	Pneumatic connection	Min. flow rate l/min
870662.0010	M5	150

870663 Regulator SMC AR20-B

With secondary ventilation

Pressure regulator, version without reverse flow mechanism
Suitable for compressed air
Medium temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 8.5 bar
Other versions on request



Order ID	Pneumatic connection	Min. flow rate l/min
870663.0010	G1/8"	800
870663.0020	G1/8"	800
870663.0030	G1/4"	800
870663.0040	G1/4"	800

870664 Regulator SMC AR30-B

With secondary ventilation

Pressure regulator, version without reverse flow mechanism
Suitable for compressed air
Medium temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 8.5 bar
Other versions on request

Order ID	Pneumatic connection	Min. flow rate l/min
870664.0010	G1/4"	1500
870664.0020	G1/4"	1500
870664.0030	G3/8"	1500
870664.0040	G3/8"	1500



870665 Regulator SMC AR40-B

With secondary ventilation

Pressure regulator, version without reverse flow mechanism
Suitable for compressed air
Ambient and media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. set pressure 0.5 bar
Max. set pressure 8.5 bar
Other versions on request

Order ID	Pneumatic connection	Min. flow rate l/min
870665.0010	G1/2"	3000
870665.0020	G1/2"	3000
870665.0030	G3/4"	5000
870665.0040	G3/4"	5000



870667 Pre-controlled regulator SMC EAR

With internal pilot ventilation

Pressure regulator, pre-controlled, with internal pilot ventilation
Suitable for compressed air
Internal air consumption 5 l/min at max. pressure
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.2 bar
Pressure adjustment range 0.5 to 8.3 bar
Other versions on request

Order ID	Pneumatic connection	Min. flow rate l/min
870667.0010	G1/4"	6500
870667.0020	G3/8"	6500
870667.0030	G1/2"	6500
870667.0040	G3/4"	9700
870667.0050	G1	9700
870667.0060	G1 1/4"	16000
870667.0070	G1 1/2"	16000
870667.0080	G2	17000



870668 Miniature pressure regulator SMC ARJ1020F

With plug connector

Miniature pressure regulator, with secondary ventilation and reverse flow function
Suitable for compressed air
Input connection: M5 male thread
Output connection: Plug connection for hose
Media temperature -5 to +60°C
Test pressure 12 bar
Max. operating pressure 8 bar
Pressure regulation range 0.10 to 7 bar
Other versions on request

Order ID	Pneumatic connection	Hose outside Ø mm	Min. flow rate l/min
870668.0010	M5	4	80
870668.0020	M5	6	80



870669 Miniature pressure regulator SMC ARJ310F

With plug connection

Miniature pressure regulator, with secondary ventilation and plug connection
Suitable for compressed air
Input connection: 1/8 male thread, M5 female thread
Output connection: Plug connection for hose
Media temperature -5 to +60°C
Test pressure 12 bar
Max. operating pressure 8 bar
Pressure regulation range 2 to 7 bar
Other versions on request

Order ID	Pneumatic connection	Hose outside Ø mm	Min. flow rate l/min
870669.0010	G1/8"	4	500
870669.0020	G1/8"	6	500



870670 Air filter SMC AF20

With drainage valve

Air filter, easy replacement of filter element, less space required for servicing work, double-walled and transparent construction for improved visibility and enhanced safety
Suitable for compressed air
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.5 bar
Filtration rate 5 µm
Drainage capacity: 8 cm³
Other versions on request

Order ID	Pneumatic connection	Min. flow rate l/min
870670.0010	G1/8"	1500
870670.0020	G1/4"	1500
870670.0030	G1/4"	1500



870671 Air filter SMC AF30

With drainage valve

Air filter, easy replacement of filter element, less space required for servicing work, double-walled and transparent construction for improved visibility and enhanced safety
Suitable for compressed air
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.5 bar
Filtration rate 5 µm
Drainage capacity: 25 cm³
Other versions on request

Order ID	Pneumatic connection	Min. flow rate l/min
870671.0010	G3/8"	3500
870671.0020	G3/8"	3500



870672 Air filter SMC, AF40

With drainage valve

Air filter, easy replacement of filter element, less space required for servicing work, double-walled and transparent construction for improved visibility and enhanced safety
Suitable for compressed air
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.5 bar
Filtration rate 5 µm
Drainage capacity: 45 cm³
Other versions on request

Order ID	Pneumatic connection	Min. flow rate l/min
870672.0010	G1/2"	5700
870672.0020	G3/4"	6000



870673 Sub-microfilter SMC AFD

With drainage valve

Sub-microfilter, easy replacement of filter element, less space required for service work, double-walled and transparent construction for improved visibility and enhanced safety
Suitable for compressed air
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.5 bar
Filtration rate 0.01 µm (filtration rate 99.9%)
Drainage capacity: 45 cm³
Nominal flow: 600 l/min

Order ID	Pneumatic connection	Min. flow rate l/min
870673.0010	G1/2"	600



870674 Compressed air filter SMC AFM

With drainage valve

Microfilter, easy replacement of filter element
Less space required for service work, double-walled and transparent construction for improved visibility and enhanced safety
Suitable for compressed air
Media temperature -5 to +60°C
Test pressure 15 bar
Max. operating pressure 10 bar
Min. operating pressure 0.5 bar
Nominal filtration capacity 0.3 µm (99.9% particle filtration)
Drainage capacity: 8 cm³
Nominal flow: 200 l/min

Order ID	Pneumatic connection	Min. flow rate l/min
870674.0010	G1/4"	200



870675 Pressure gauges SMC

With dual display

Universal pressure gauge with dual display (MPa, bar)
Accuracy class: 3% of scale value
Mounted at the rear centre
RoHS-compliant
Suitable for gaseous and liquid media that do not affect copper alloy.

Order ID	Threaded connection	Working pressure max.	Outside Ø
		bar	mm
870675.0010	G1/8"	2.5	39
870675.0020	G1/8"	4	39
870675.0030	G1/8"	16	39
870675.0040	G1/8"	2.5	39
870675.0050	G1/8"	4	39
870675.0060	G1/8"	10	39
870675.0070	G1/4"	10	39
870675.0080	G1/4"	2.5	39
870675.0090	G1/4"	4	39
870675.0100	G1/4"	1	39
870675.0110	G1/4"	16	39

