



Project

INTERNATIONAL

EDIZIONE 2012



Project

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SISTEMI DI RAFFREDDAMENTO COUPLING SYSTEM

www.projectinternational.it

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COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

B
TYPE

B Type Double Shut off Series Couplers

Valve exists both in the coupler and plug during connection both valves will open and release the flow. Please be advised that when ordering two-way blocking coupling systems, be sure to choose B type double shut off couplings.

D
TYPE

D Type Double Shut off & Safety Couplers

This type of coupling is produced to provide safety in medical establishments. With the integration of the safety system to the mechanism, there will not be any accidental incidents.

E
TYPE

E Type Safety Couplers

"E" serie of couplings are designed with additional safety lock. To disconnect the plug must first be pushed into the coupling before it can be unlocked.

F
TYPE

F Type Thru-flow Couplers

Thru-type socket / Thru-type component (up on disconnection both sides are open)

K
TYPE

K Type Coded Couplers

This type of encoded coupler-system, avoids inaccurate connections. Original lock design of the coupler, will not allow any connection problems.

L
TYPE

L Type Double Shut off Drybreak Couplers

Valve exists both in the coupler and plug. During disconnection, both valves close simultaneously, allowing the coupling and plug to be separated; afterward while keeping the medium without a leakage.

S
TYPE

S Type Safety & Self Venting Couplers

"S" Series couplings are designed with safety locking mechanism. First push of the button stops the existing pressure in the couplings and second push of the button unplugs the nipple in the environment with no pressure. This second push requirement prevents any accidental opening at the high pressure and develops the security.

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

	Through-type coupling / component
	Self sealing coupling / component
	Through-type coupling + Thru-type component (up on disconnection both sides are open)
	Self Sealing coupling + thru-type component
	Self Sealing coupling + Self Sealing component

A	Aluminium
B	Brass
C	Steel
E	EPDM seal
G	Parallel gas thread (BSP)
H	Case hardening
J	Silicone seal
K	Chrome plated
L	CR seal (neoprene)
Ni	NBR seal (nitrile)
N	Nickel plated
P	Teflone seal (PTFE)
R	Red Colour
S	Stainless steel AISI(303=S3,420=S4,,316L=S6)
T	Sealing coat on the thread
V	Fluorocarbon (FPM)
Y	Yellow Colour
Z	Zinc Plated
W	Perfluoroelastomer (FFPM)
X	Without plating
PS	Plastic
VA	Vacuum

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

NBR (Nitrile)

Main properties: Resistant to oil and petrol good ageing characteristics, high abrasion resistance.

FPM

Main properties: Outstanding heat resistant performance, excellent resistance to oils, chemicals, solvent, active oxygen, and weather.

EPDM

Main properties: Ethylen Propylene, High mechanical strength, excellent resistance to high and low temperatures and to active oxygen and weather. Good resistance to chemical media.

PTFE

For very aggressive media special constructions with PTFE seals (Teflon) are available.

Symbols -	Material						Seal		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AlSi 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyamide 11/12	Polyacetal - Poliasetal	NBR Nitrile	FPM Viton	EPDM
✓ Fully resistant									
■ Partly resistant									
— Non-resistant									
Acetate (Ethyl Acetate & Amyl Acetate)	✓	✓	✓	✓	✓	✓			x
Acetic acid 10%		—	✓	—	—	✓			x
Acetone	✓	✓	✓	✓	✓	✓			x
Acetylene	✓	✓	✓	✓	✓	✓	x	x	x
Aero Engine Fuel BP, Esso Avgas100/130	✓	✓	✓	✓	✓	■	x	x	
Aero Engine Oil BP : AIRO 1210, Esso:AVIATON-120 Shell:AIRO-120, DERD 2487 DERD 2497, DTD 585	✓	✓	✓	✓	■	—	x	x	
Skydrol	✓	—	✓	—	—	—			x
Oronite	✓	—	✓	—	—	—			x
Air, compressed	✓	✓	✓	✓	✓	✓	x	x	
Air, hot up to 120°C	✓	✓	✓	■	—	—	x	x	
Air, hot up to 200°C	✓	✓	✓	—	—	—	x		
Alcohol	✓	✓	✓	✓	✓	✓	x		
Alum		—	✓	—	—	✓	x	x	x
Alkalies	—	■	✓	✓	■	—	x		x
Ammonia, Liquid	■	—	✓	✓	—	—			x
Ammonium Sulphate Solution	—	—	✓	✓	■	—	x	x	x
Amyl Alcohol	✓	✓	✓	✓	✓	✓			x
Aniline	✓	—	✓	■	—	—			x
Benzole	✓	✓	✓	✓	✓	✓			x
Borax	✓	✓	✓	—	—	—	x	x	
Bultane	✓	✓	✓	✓	✓	✓	x	x	
Bultane	✓	—	✓	—	—	—	x	x	
Butyl Alcohol	—	✓	✓	✓	✓	✓			x
Carbon Dixide	—	✓	✓	✓	✓	✓	x	x	x
Carbon Dioxide, dry		✓	✓	✓	—	—	x	x	x
Carbon Dioxide liquid	—	✓	✓	✓	■	—	x	x	x
Carbon Bisulphide	✓	—	✓	—	—	—			x
Chloride of Barium		✓	■	✓	✓	—	x	x	x
Chromic Acid	—	—	■	■	—	—			x
Citric Acid	—	■	✓	—	■	—	x	x	
Creosote	✓	—	✓	—	—	—	x		
Cresol	■	✓	✓	—	—	—			x
Cresol, Cresylic Acid	✓	—	✓	—	—	—	x		
Cupric Chloride	✓	—	■	—	—	—	x	x	x
Cyclohexane	✓	—	✓	■	✓	—			x
Dimethylamine	✓	—	✓	—	—	—			x
Emulsion. (Water/Oil)	■	✓	✓	✓	✓	✓	x	x	
Ether	✓	✓	✓	✓	✓	✓			x

Symbols -	Material						Seal		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AlSi 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyamide 11/12	Polyacetal - Poliasetal	NBR Nitrile	FPM Viton	EPDM
✓ Fully resistant									
■ Partly resistant									
— Non-resistant									
Ethyl Alcohol	✓	—	✓	—	—	—	x		x
Ethylene	✓	✓	✓	✓	✓	✓			x
Formalin	✓	✓	✓	—	—	—	x	x	x
Formic Acid	—	■	✓	—	—	—			x
Frigen	✓	✓	✓	✓	✓	✓	x	x	
Gasoline, Refined	✓	—	✓	—	—	—	x	x	
Gas, Blast Furnace	■	✓	✓	—	■	—			x
Gas, Coal	■	✓	✓	✓	✓	✓			x
Gas, Coke Oven	■	✓	✓	■	■	—	x		
Gas, Lighting	✓	✓	✓	✓	✓	✓	x	x	
Gas, Naphtalene content	✓	✓	✓	✓	■	—	x	x	
Gas, Natural	✓	✓	✓	✓	✓	✓	x	x	
Gas, Town	✓	✓	✓	✓	✓	✓	x		
Gear Oil	✓	—	✓	—	—	—	x	x	
Glucose		✓	✓	✓	✓	✓	x	x	x
Glycerine	✓	✓	✓	✓	✓	✓	x	x	x
Glycol	✓	✓	✓	✓	✓	✓	x		x
Helium	✓	✓	✓	✓	✓	✓	x	x	x
Hexane	✓	—	✓	✓	■	—	x	x	
Hydrocarbons	✓	✓	✓	✓	✓	✓	x	x	
Hydrogen	✓	✓	✓	✓	■	—	x	x	
Hydrogen Gas	✓	—	✓	—	—	—	x	x	
Hydrogen Sulphide, Humid		■	✓	✓	—	—			x
Hydrogen Sulphide, dry		✓	✓	✓	—	✓			x
Hyrogen Peroxide 30%	—	—	✓	✓	—	—			x
Isoproyl Alcohol	✓	—	✓	■	✓	—	x	x	x
Kerosene, JP 1	✓	✓	✓	✓	✓	✓	x	x	
Keton, Meththyl Ethyl	✓	✓	✓	✓	✓	✓			x
Latex, liquid up to 130°C	✓	✓	✓	■	■	—	x		
Lubricating Oil	✓	✓	✓	✓	✓	✓	x	x	
Lye, Caustic	—	✓	✓	✓	■	—			x
Lye, Hyochorous Acid	—	—	✓	—	■	—			
Lye, Pickling	—	MS60	✓	■	■	—			x
Magnesium Carbonate	✓	—	✓	✓	✓	✓	x	x	x
Magnesium Hydroxide	✓	✓	✓	✓	✓	✓	x	x	x
Magnesium Sulphate. M.Sulfat		—	✓	✓	✓	✓	x	x	x
Mercury	✓	—	✓	✓	✓	✓	x	x	x
Methane	✓	✓	✓	✓	✓	✓	x	x	
Methanol	✓	✓	✓	✓	✓	✓	x		x
Methyl Alcohol	✓	✓	✓	■	✓	—	x		x
Methyl Ethyl Ketone	✓	—	✓	✓	✓	—			x

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Symbols - ✓ Fully resistant ■ Partly resistant — Non-resistant									
Methyl Benzene	✓		✓					x	
Milk	✓	—	✓	✓	✓		x	x	
Napta	✓		✓		✓		x	x	
Naptalene	✓	✓	✓	✓	✓			x	
Naptenic. Acid	✓		✓				x	x	
Nitrate of Ammonium	✓		✓				x	x	x
Nitric Acid. up to 35°C	—	✓	✓	—	—			x	
Nitrogen	✓	✓	✓	✓	✓		x	x	x
Nitro-Solution (no synthetic resin thinners)	✓	✓	✓	—	✓			x	
Oil, Coal Tr	✓		✓	✓	■			x	
Oil, Crude	✓	✓	✓	✓	✓		x	x	
Oil, Diesel	✓	✓	✓	✓	✓		x		
Oil, Diesel up to 120°C		✓	✓	■	—			x	
Oil, Fuel up to 100°C	✓	✓	✓	■	—		x	x	
Oil, up to 200°C/ 300°Cup to (special type)	✓	■	✓	—	—		FFKM		
Oil, Fuel 5x5	✓	✓	✓	■	✓			x	
Oil, Hydraulic Chlorinated	■	■	✓	—	■			x	
Oil, Hydraulic up to 120°C	✓	✓	✓	■	■		x	x	
Oil, Linseed	✓	✓	✓	✓	✓		x	x	
Oil, Mineral	■	✓	✓	✓	✓		x	x	
Oil, Transformer	■	■	✓	✓	■		x		
Oleic Acid	✓	—	✓	✓	✓		x	x	
Oxalic Acid	■	■	✓	✓	✓			x	x
Oxygen. fat free	—	✓	✓	✓	■			x	
Paraffin	✓	✓	✓	✓	✓		x		
Paraffin, (Wax)	✓	✓	✓	✓	✓		x		
Pentachlorophenole	✓							x	
Petrol Ether		✓	✓	✓	✓		x		
Petrol	✓	✓	✓	✓	✓		x		
Phenol Solution	■	✓	✓	—	—				
Phosphoric Acid 10%			✓	—	—			x	x
Potassium Cyanide	✓	—	✓	✓	■			x	x
Potassium Dichromate	✓	—	✓	—	■			x	x
Potassium Sulphate	✓		✓				x	x	x
Potassium Hydroxide	✓		✓	✓	■			x	
Propane	✓	✓	✓	✓	✓		x	x	
Prussic Acid	✓	—	✓					x	
Salt Solution	—	■	■	✓	■			x	
Sea Water	—	■		✓			x	x	x

	Material						Seal		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AISI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyamid 11/12	Polyacetal - Poliasetal	NBR Nitrile	FPM Viton	EPDM
Symbols - ✓ Fully resistant ■ Partly resistant — Non-resistant									
Soap Solution	—	✓	✓	✓	✓		x	x	x
Soda Solution	—	■	✓	✓	■		x	x	x
Sodium Acetate			✓	✓	✓		x		x
Sodium Bicarbonate			■	✓	✓			x	x
Sodium Carbonate	✓		✓	✓	✓		x	x	x
Sodium Chloride	✓		✓	✓	✓		x	x	x
Sodium Cyanide	✓		✓	—	■			x	
Sodium Sulphide	✓	■	✓					x	x
Steam, up to 150°C	■	■	✓	—	—			x	
Steam, up to 250°C	■	■	✓	—	—			PTFE	
Sulphide of barium	✓	■	✓	✓			x	x	x
Sulphur Dioxide, Gas		✓	✓					x	
Sulphuret of Carbon		✓	✓	—	✓			x	
Syntetic Resin Thinners (no nitrosolution)	✓	✓	✓	■	■			x	
Tar	✓	✓	✓	✓	✓		x	x	
Tetrachloride of Titanium	✓		✓					x	
Toluol, dry	■	✓	✓	✓	✓			x	
Trichlorethylene	✓	■	✓	✓	—			x	
Turbine Fuel, BP: ATK 2494, ESSO:MIL-F56/16, SHELL:ATF 650	✓	✓	✓	✓	■		x	x	
Turbine Oil, Esso:35	✓	✓	✓	✓	■		x	x	
Turb-oil 1 S (MILL 7808)	■	■	✓	✓	■		x	x	
Vacuum (Strengthened Valve Springs)	✓	✓	✓	✓	✓				
Vegetable Oil	✓		✓	✓	✓		x	x	x
Water, Distilled			✓	✓	✓			x	x
Water, Deionized			✓				x	x	
Water, Demineralised			✓					x	
Water, up to 80°C	■	✓	✓	■	■		x	x	x
Water, over 80°C	■	✓	✓	■	—			x	x
Water, Cooling	■	■	✓	✓	■			x	x
Xylene	✓	✓	✓	✓	✓			x	

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

SERIE 6,9,16



Interchangeability -

DME - FOSTER FJT, PARKER MOLDMATE, JIFFY
TITE & JIFFY MATIC, RECTUS 86-87-88

Temperature Range -

-20°C +100°C (-4°F +212°F) Nitril (N)
-10°C +200°C (+14°F +392°F) Viton (V)

Working Pressure -

0 - 10 bar (0 - 145 PSI) SERIE 6
0 - 15 bar (0 - 217 PSI) SERIE 9
0 - 20 bar (0 - 290 PSI) SERIE 16

Flow capacity -

SERIE 6 NW 6 200 (1/4")
SERIE 9 NW 9 300 (3/8")
SERIE 16 NW 16 500 (1/2")

Standard version -

Brass - Messing
Viton Seal - Viton Dichtung

Options -

D - Double Shut off - Beidseitig absperrend
N - Nickel plated - Vernickelt
S - Stainless Steel - Edelstahl

For optional orders please add the symbol of your
option end of the order no.

Material - Material

Coupler Body- Kupplungsgrundkörper	: Brass - Messing
Back Part - Rückwartiger	: Brass - Messing
Sleeve - Hülse	: Brass - Messing
Valve - Ventil	: Brass - Messing
Springs - Federn	: Stainless Steel - Edelstahl
Locking O-Ring- Sprenging	: Stainless Steel - Edelstahl
Balls - Kugeln	: Stainless Steel - Edelstahl
Seals - Dichtungen	: Viton (V)
Plug - Nippel	: Brass - Messing

* HVK sleeve is made of brass & nickel plated

Using Area:

- On cooling system of plastic zamak, brass and aluminium injection moulds
- On cleaning and washing systems of machines
- On hot oil - water lines connection
- All industries
- On steam line

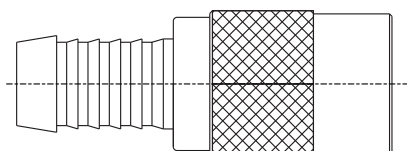


SERIE 6,9,16 ■

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

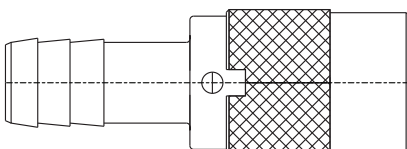


Options



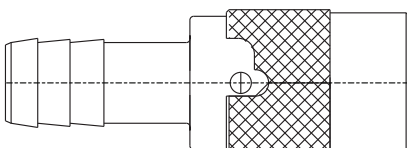
Hose Tail Options

For this type hose tail please add the FHG symbol of your option in side of the order no. For example HVK 9 FHG 13



E1 Type Safety coupler

Please add the symbol E1 add the symbol of your option end of the order no. For example HVK 9 13 - E1

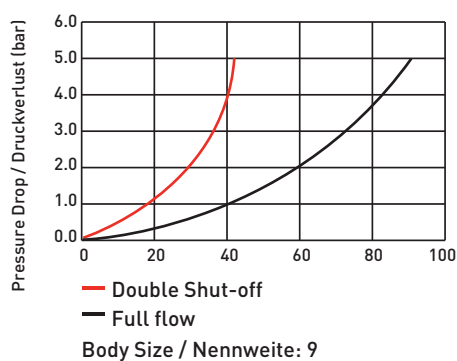


E2 Type Safety coupler

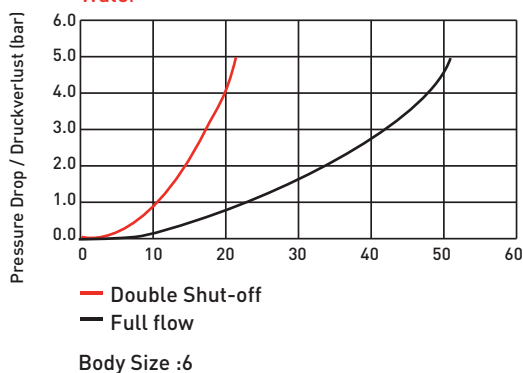
Please add the symbol E2 add the symbol of your option end of the order no. For example HVK 9 13 - E2



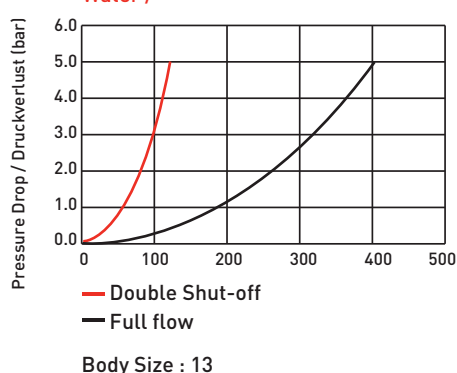
Water

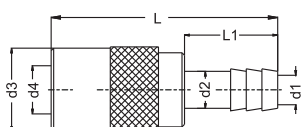


Water



Water /



**COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS**
SERIE 6,9,16


Standard hose tail socket



With Valve /
Order No /



Without Valve /
Order No /

HVK 6 - 06

HK 6 - 06

Serie

d1

d2

d3

d4

L

LI

200

4

6 - 1/4"

17

9

56

27

HVK 6 - 08

HK 6 - 08

200

6

8 - 5/16"

17

9

56

27

HVK 6 - 09

HK 6 - 09

200

7

9 - 5/14"

17

9

56

27

HVK 6 - 10

HK 6 - 10

200

8

10 - 3/8"

17

9

56

27

HVK 9 - 10

HK 9 - 10

300

8

10 - 3/8"

23

13

68

29

HVK 9 - 11

HK 9 - 11

300

9

11 - 7/16"

23

13

68

29

HVK 9 - 13

HK 9 - 13

300

10

13 - 1/2"

23

13

68

29

HVK 16 - 13

HK 16 - 13

500

10

13 - 1/2"

32

20

94

36

HVK 16 - 19

HK 16 - 19

500

16

19 - 3/4"

32

20

94

36



With Valve /
Order No /



Without Valve /
Order No

HVK 6 - 06 - 45°

HK 6 - 06 - 45°

200

4.5

6 - 1/4"

17

9

32

27

HVK 6 - 08 - 45°

HK 6 - 08 - 45°

200

6

8 - 5/16"

17

9

32

27

HVK 6 - 09 - 45°

HK 6 - 09 - 45°

200

6

9 - 5/14"

17

9

32

27

HVK 6 - 10 - 45°

HK 6 - 10 - 45°

200

6

10 - 3/8"

17

9

32

27

HVK 9 - 10 - 45°

HK 9 - 10 - 45°

300

8

10 - 3/8"

23

13

38

29

HVK 9 - 11 - 45°

HK 9 - 11 - 45°

300

9

11 - 7/16"

23

13

38

29

HVK 9 - 13 - 45°

HK 9 - 13 - 45°

300

10

13 - 1/2"

23

13

38

29

HVK 16 - 13 - 45°

HK 16 - 13 - 45°

500

10

13 - 1/2"

32

20

48

36

HVK 16 - 19 - 45°

HK 16 - 19 - 45°

500

16

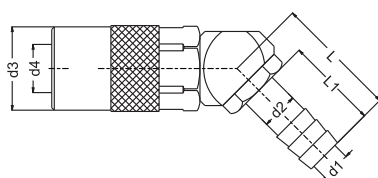
19 - 3/4"

32

20

48

36



Standard hose tail socket 45°



SERIE 6,9,16

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

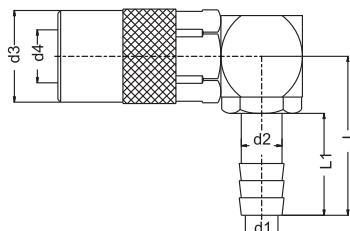


With Valve /
Order No /



Without Valve /
Order No /

Serie	d1	d2	d3	d4	L	LI
HVK 6 - 06 - 90°	4.5	6 - 1/4"	17	9	34	27
HVK 6 - 08 - 90°	6	8 - 5/16"	17	9	34	27
HVK 6 - 09 - 90°	7	9 - 5/14"	17	9	34	27
HVK 6 - 10 - 90°	8	10 - 3/8"	17	9	34	27
HVK 9 - 10 - 90°	8	10 - 3/8"	23	13	39	29
HVK 9 - 11 - 90°	9	11 - 7/16"	23	13	39	29
HVK 9 - 13 - 90°	10	13 - 1/2"	23	13	39	29
HVK 16 - 13 - 90°	10	13 - 1/2"	32	20	51	36
HVK 16 - 19 - 90°	16	19 - 3/4"	32	20	51	36



Standard hose tail socket 90°

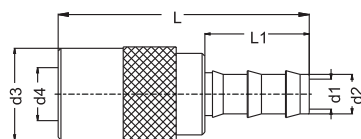


With Valve /
Order No /



Without Valve /
Order No /

Serie	d1	d2	d3	d4	L	LI
HVK 6 - FG - 06	5	6 - 1/4"	17	9	53	24
HVK 6 - FG - 10	7	10 - 3/8"	17	9	53	24
HVK 9 - FG - 10	8	10 - 3/8"	23	13	63	24
HVK 9 - FG - 13	10	13 - 1/2"	23	13	67	28
HVK 16 - FG - 13	10	13 - 1/2"	32	20	96	38
HVK 16 - FG - 16	13	16 - 5/8"	32	20	96	38
HVK 16 - FG - 19	15	19 - 3/4"	32	20	96	38



Push-Lock hose tail socket

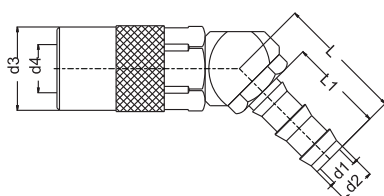


With Valve /
Order No



Without Valve /
Order No /

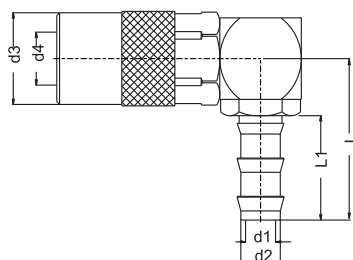
Serie	d1	d2	d3	d4	L	LI
HVK 6 - FG - 06 - 45°	5	6 - 1/4"	17	9	29	24
HVK 6 - FG - 10 - 45°	6	10 - 3/8"	17	9	29	24
HVK 9 - FG - 10 - 45°	8	10 - 3/8"	23	13	29	24
HVK 9 - FG - 13 - 45°	10	13 - 1/2"	23	13	37	28
HVK 16 - FG - 13 - 45°	10	13 - 1/2"	32	20	47	38
HVK 16 - FG - 16 - 45°	13	16 - 5/8"	32	20	57	38
HVK 16 - FG - 19 - 45°	15	19 - 3/4"	32	20	57	38



Push-Lock hose tail socket 45°

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 6,9,16



Push-Lock hose tail socket 90°

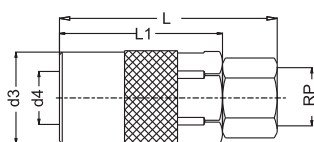


With Valve /
Order No /



Without Valve /
Order No

		Serie	d1	d2	d3	d4	L	LI
HVK 6 - FG - 06 - 90°	HK 6 - FG - 06 - 90°	200	4.5	6 - 1/4"	17	9	29	24
HVK 6 - FG - 10 - 90°	HK 6 - FG - 10 - 90°	200	6	10 - 3/8"	17	9	29	24
HVK 9 - FG - 10 - 90°	HK 9 - FG - 10 - 90°	300	8	10 - 3/8"	23	13	29	24
HVK 9 - FG - 13 - 90°	HK 9 - FG - 13 - 90°	300	10	13 - 1/2"	23	13	37	28
HVK 16 - FG - 13 - 90°	HK 16 - FG - 13 - 90°	500	10	13 - 1/2"	32	20	47	28
HVK 16 - FG - 16 - 90°	HK 16 - FG - 16 - 90°	500	13	16 - 5/8"	32	20	57	38
HVK 16 - FG - 19 - 90°	HK 16 - FG - 19 - 90°	500	15	19 - 3/4"	32	20	57	38



Cylindrical Thread socket

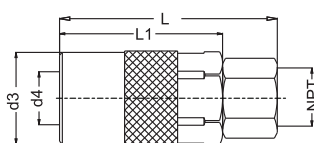


With Valve /
Order No /



Without Valve /
Order No /

		Serie	RP	d3	d4	L	LI
HVK - 6 - DG 10	HK 6 DG 10	200	BSP 1/8"	17	19	40	30
HVK 6 DG 13	HK 6 DG 13	200	BSP 1/4"	17	9	42	30
HVK 6 DGM 14	HK 6 DGM 14	200	M14x1.5	17	9	42	30
HVK 6 DG 17	HK 6 DG 17	200	BSP 3/8"	17	9	42	30
HVK 9 DG 13	HK 9 DG 13	300	BSP 1/4"	23	13	52	40
HVK 9 DG 17	HK 9 DG 17	300	BSP 3/8"	23	13	52	40
HVK 9 DG 21	HK 9 DG 21	300	BSP 1/2"	23	13	57	40
HVK 16 DG 21	HK 16 DG 21	500	BSP 1/2"	30	20	75	57



NPT Thread socket



With Valve /
Order No /



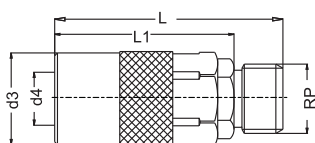
Without Valve /
Order No /

		Serie	NPT	d3	d4	L	LI
HVK 6 NG 10	HK 6 NG 10	200	NPT 1/8"	17	9	42	30
HVK 6 NG 13	HK 6 NG 13	200	NPT 1/4"	17	9	45	30
HVK 9 NG 13	HK 9 NG 13	300	NPT 1/4"	23	13	56	41
HVK 9 NG 17	HK 9 NG 17	300	NPT 3/8"	23	13	57	41
HVK 16 NG 21	HK 16 NG 21	500	NPT 1/2"	30	20	80	57

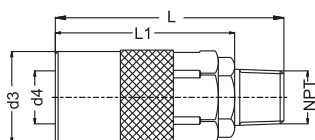


SERIE 6,9,16

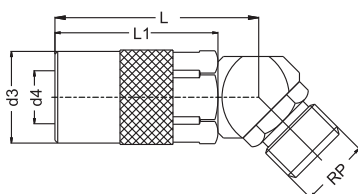
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Cylindrical Thread socket



NPT Thread socket



Cylindrical Thread socket 45°



With Valve /
Order No /



Without Valve /
Order No

With Valve / Order No /	Without Valve / Order No	Serie	RP	d3	d4	L	LI
HVK 6 EG 10	HK 6 EG 10	200	BSP 1/8"	17	9	44	30
HVK 6 EG 13	HK 6 EG 13	200	BSP 1/4"	17	9	47	30
HVK 6 EGM 14	HK 6 EGM 14	200	M14x1.5	17	9	47	30
HVK 6 EG 17	HK 6 EG 17	200	BSP 3/8"	17	9	47	30
HVK 9 EG 13	HK 9 EG 13	300	BSP 1/4"	23	13	59	41
HVK 9 EGM 16	HK 9 EGM 16	300	M16x1.5	23	13	59	41
HVK 9 EG 17	HK 9 EG 17	300	BSP 3/8"	23	13	59	41
HVK 9 EGM 18	HK 9 EGM 18	300	M18x1.5	23	13	59	41
HVK 9 EG 21	HK 9 EG 21	300	BSP 1/2"	23	13	62	41
HVK 16 EG 21	HK 16 EG 21	500	BSP 1/2"	32	20	80	57
HVK 16 EG 26	HK 16 EG 26	500	BSP 3/4"	32	20	82	57



With Valve /
Order No /



Without Valve /
Order No

With Valve / Order No /	Without Valve / Order No	Serie	NPT	d3	d4	L	LI
HVK 6 TG 10	HK 6 TG 10	200	NPT 1/8"	17	9	46	30
HVK 6 TG 13	HK 6 TG 13	200	NPT 1/4"	17	9	47	30
HVK 9 TG 13	HK 9 TG 13	300	NPT 1/4"	23	13	62	41
HVK 9 TG 17	HK 9 TG 17	300	NPT 3/8"	23	13	63	41
HVK 16 TG 21	HK 16 TG 21	500	NPT 1/2"	32	20	85	57



With Valve /
Order No /

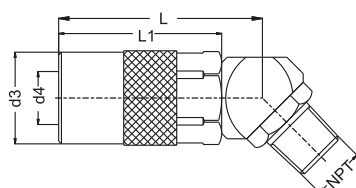


Without Valve /
Order No

With Valve / Order No /	Without Valve / Order No	Serie	RP	d3	d4	L	LI
HVK 6 EG 10 - 45°	HK 6 EG 10 - 45°	200	BSP 1/8"	17	9	38	30
HVK 6 EG 13 - 45°	HK 6 EG 13 - 45°	200	BSP 1/4"	17	9	38	30
HVK 9 EG 13 - 45°	HK 9 EG 13 - 45°	300	BSP 1/4"	23	13	50	41
HVK 9 EGM 16 - 45°	HK 9 EGM 16 - 45°	300	M16x1.5	23	13	50	41
HVK 9 EG 17 - 45°	HK 9 EG 17 - 45°	300	BSP 3/8"	23	13	50	41
HVK 9 EG 21 - 45°	HK 9 EG 21 - 45°	300	BSP 1/2"	23	13	50	41
HVK 16 EG 21 - 45°	HK 16 EG 21 - 45°	500	BSP 1/2"	32	20	72	57

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 6,9,16



NPT Thread socket 45°



With Valve /
Order No /



Without Valve /
Order No

HVK 6 TG 10 - 45°

HK 6 TG 10 - 45°

Serie

NPT

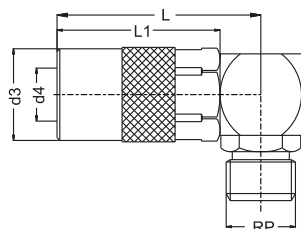
d3

d4

L

LI

HVK 6 TG 10 - 45°	HK 6 TG 10 - 45°	200	NPT 1/8"	17	9	38	30
HVK 6 TG 13 - 45°	HK 6 TG 13 - 45°	200	NPT 1/4"	17	9	38	30
HVK 9 TG 13 - 45°	HK 9 TG 13 - 45°	300	NPT 1/4"	23	13	50	41
HVK 9 TG 17 - 45°	HK 9 TG 17 - 45°	300	NPT 3/8"	23	13	50	41
HVK 16 TG 21 - 45°	HK 16 TG 21 - 45°	500	NPT 1/2"	32	20	72	57



Cylindrical Thread socket 90°



With Valve /
Order No /



Without Valve /
Order No

HVK 6 EG 10 - 90°

HK 6 EG 10 - 90°

Serie

RP

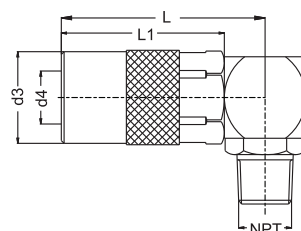
d3

d4

L

LI

HVK 6 EG 10 - 90°	HK 6 EG 10 - 90°	200	BSP 1/8"	17	9	38	30
HVK 6 EG 13 - 90°	HK 6 EG 13 - 90°	200	BSP 1/4"	17	9	38	30
HVK 9 EG 13 - 90°	HK 9 EG 13 - 90°	300	BSP 1/4"	23	13	50	41
HVK 9 EGM 16 - 90°	HK 9 EGM 16 - 90°	300	M16x1.5	23	13	50	41
HVK 9 EG 17 - 90°	HK 9 EG 17 - 90°	300	BSP 3/8"	23	13	50	41
HVK 9 EG 21 - 90°	HK 9 EG 21 - 90°	300	BSP 1/2"	23	13	50	41
HVK 16 EG 21 - 90°	HK 16 EG 21 - 90°	500	BSP 1/2"	32	20	72	57



NPT Thread socket 45°



With Valve /
Order No /



Without Valve /
Order No

HVK 6 TG 10 - 90°

HK 6 TG 10 - 90°

Serie

NPT

d3

d4

L

LI

HVK 6 TG 10 - 90°	HK 6 TG 10 - 90°	200	NPT 1/8"	17	9	38	30
HVK 6 TG 13 - 90°	HK 6 TG 13 - 90°	200	NPT 1/4"	17	9	38	30
HVK 9 TG 13 - 90°	HK 9 TG 13 - 90°	300	NPT 1/4"	23	13	50	41
HVK 9 TG 17 - 90°	HK 9 TG 17 - 90°	300	NPT 3/8"	23	13	50	41
HVK 16 TG 21 - 90°	HK 16 TG 21 - 90°	500	NPT 1/2"	32	20	72	57

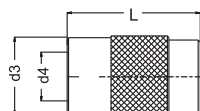


SERIE 6,9,16

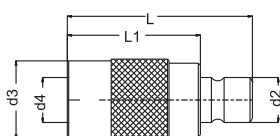
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



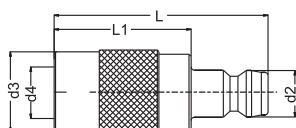
Blind Socket /



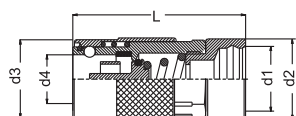
Adapting Socket with Plug



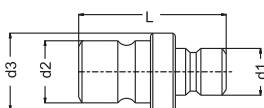
Adapting Socket with 060 - 090 Plugs



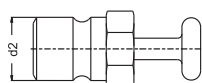
Adapting Socket with 100.08 Plug



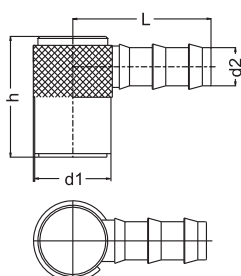
Adapting Plug /



Stop Plugs /



Flexible Diverting connector /



With Valve /
Order No /

Serie

d3

d4

L

6 KTG 00

200

17

9

27

9 KTG 00

300

23

13

35



With Valve /
Order No /

Without Valve /
Order No /

Serie

d2

d3

d4

L

LI

HVK 6 AU 09

HK 6 AU 09

200

9

17

9

43

27.5

HVK 9 AU 06

HK 9 AU 06

300

13

23

13

51

36



With Valve /
Order No /

Without Valve /
Order No /

Serie

d2

d3

d4

L

LI

HVK 6 AU 090

HK 6 AU 090

200

13

17

9

41.5

27.5

HVK 9 AU 060

HK 9 AU 060

300

9

23

13

50

36



With Valve /
Order No /

Without Valve /
Order No /

Serie

d2

d3

d4

L

LI

HVK 6 AU 100.08

HK 6 AU 100.08

200

17

21

17

9

46.5

HVK 9 AU 100.08

HK 9 AU 100.08

300

17

21

23

13

52

Order No /

d1

d2

d3

L

9 HEF 06

9

13

15

32

Order No /

Serie

d2

6 KTU 00

200 (1/4")

9

9 KTU 00

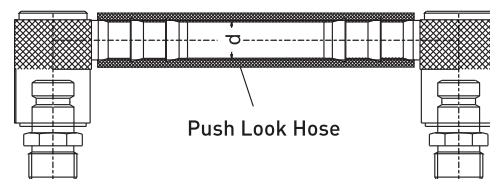
300 (3/8")

13

16 KTU 00

500 (1/2")

20



Order No
Bestellnr.

Serie

Ød
Hose Inner dia.

h
mm inch.

L
mm inch.

d1
mm inch.

d2
mm inch.

HK 6 KG 10

200

10 - 3/8"

25.4 1.00

31.8 1.25

17 0.67

9.7 0.375

HK 9 KG 13

300

13 - 1/2"

36.3 1.43

39.6 1.56

23 0.90

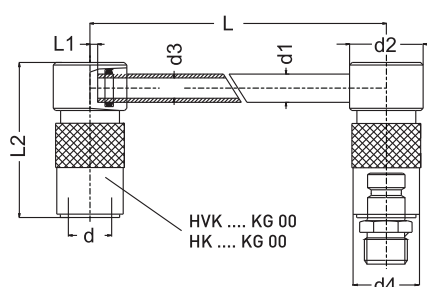
12.7 0.500

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 6,9,16



Diverting connector /



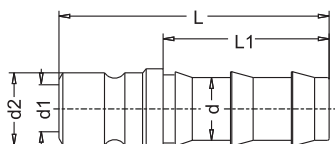
With Valve /
Order No /



Without Valve /
Order No /

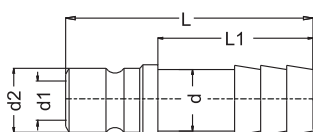
Order No /	Serie	d	d1	d2	d3	d4	LI	L2	L
HVK 6 - KG 125	200	9	8	20	6	17	0	27	125
HVK 6 - KG 250	200	9	8	20	6	17	0	27	250
HVK 6 - KG 500	200	9	8	20	6	17	0	27	500
HVK 9 - KG 125	300	13	10	26	8	22	2	41	125
HVK 9 - KG 250	300	13	10	26	8	22	2	41	250
HVK 9 - KG 500	300	13	10	26	8	22	2	41	500
HVK 16 - KG 160	500	20	14	36	12	31	2	55	160
HVK 16 - KG 315	500	20	14	36	12	31	2	55	315
HVK 16 - KG 500	500	20	14	36	12	31	2	55	500

Push-Lock Hose Plug



Order No	Serie	d / I.D		d1	d2	LI		L	
		mm	inch.			mm	inch.	mm	inch.
6 FU 10	200	10	3/8"	6	9	24	0.95	37	1.4
6 FU 13	200	13	1/2"	6	9	24	1.10	39.5	1.56
9 FU 10	300	10	3/8"	9	13	24	0.95	45	1.75
9 FU 13	300	13	1/2"	9	13	28	1.10	48	1.86
16 FU 13	500	13	1/2"	15	20	28	1.10	50.8	2.00
16 FU 19	500	19	3/4"	15	20	28	1.50	63.5	2.50

Standard Hose plug



Order No /	Serie	d	d1	d2	L	LI
6 HU 06	200	6 - 1/4"	6	9	37	23
6 HU 08	200	8 - 5/16"	6	9	37	23
6 HU 09	200	9 - 5/14"	6	9	37	23
6 HU 10	200	10 - 3/8"	6	9	37	23
9 HU 09	300	9 - 5/14"	9	13	45	26
9 HU 10	300	10 - 3/8"	9	13	45	26
9 HU 11	300	11 - 7/16"	9	13	45	26
9 HU 13	300	13 - 1/2"	9	13	44.5	26
16 HU 13	500	13 - 1/2"	15	20	50	27
16 HU 20	500	20 - 3/4"	15	20	50	27

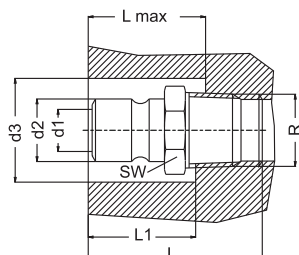


SERIE 6,9,16

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

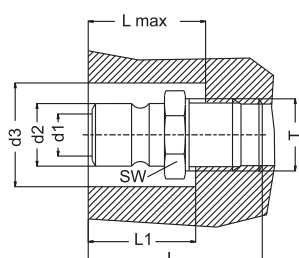


Plug with conical male thread



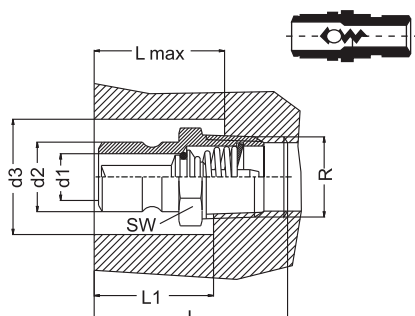
Order No /		Serie	R	dl	d2	d3	SW	LI	L max	L
BSPT	NPT									
6 RU 10	6 TU 10	200	1/8"	6	9	22	13	17	18	24
6 RU 13	6 TU 13	200	1/4"	6	9	26	16	19	20	29
6 RU 17	6 TU 17	200	3/8"	6	9	30	19	21	22	30
9 RU 10	9 TU 10	300	1/8"	9	13	26	14	25	26	30
9 RU 13	9 TU 13	300	1/4"	9	13	26	16	25	26	33
9 RU 17	9 TU 17	300	3/8"	9	13	30	19	26	28	34
9 RU 21	9 TU 21	300	1/2"	9	13	37	22	26	28	39
16 RU 13	16 TU 13	500	1/4"	15	20	30	21	28	32	41
16 RU 17	16 TU 17	500	3/8"	15	20	32	21	28	32	35
16 RU 21	16 TU 21	500	1/2"	15	20	32	22	37	38	44
16 RU 26	16 TU 26	500	3/4"	15	20	38	29	38	40	45

Plug with cylindrical male thread



Order No /	Serie	T	dl	d2	d3	SW	LI	L max	L
9 EU 13	300	BSP 1/4"	9	13	30	16	20	22	34
9 EU 17	300	BSP 3/8"	9	13	30	19	20	22	34
16 EU 17	500	BSP 3/8"	15	20	32	22	25	25	40
16 EU 21	500	BSP 1/2"	15	20	32	22	25	25	45
6 EUM 10	200	M10X1	6	9	22	11	17	18	24
6 EUM 14	200	M14X1.5	6	9	26	14	19	20	25
9 EUM 10	300	M10X1	9	13	26	14	25	26	30
9 EUM 14	300	M14X1.5	9	13	26	14	25	26	30

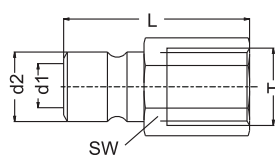
Shut-off Male threaded plug



Order No /		Serie	R	dl	d2	d3	SW	LI	L max	L
BSPT	NPT									
6 RUB 13	6 TUB 13	200	1/4"	6	9	28	14	19	21	29
6 RUB 17	6 TUB 17	200	3/8"	6	9	30	17	21	21	29
9 RUB 13	9 TUB 13	300	1/4"	9	13	28	14	25	21	33
9 RUB 17	9 TUB 17	300	3/8"	9	13	30	17	26	21	33
9 RUB 21	9 TUB 21	300	1/2"	9	13	32	22	26	28	37
16 RUB 21	16 TUB 21	500	1/2"	15	20	32	22	28	28	50
16 RUB 26	16 TUB 26	500	3/4"	15	20	38	27	32	32	50

Order No /	Serie	R	dl	d2	d3	SW	LI	L max	L
6 EUBM 14	200	M14x1.5	6	9	28	14	21	21	29
9 EUBM 14	300	M14x1.5	9	13	28	14	25	21	34

Plug with female thread



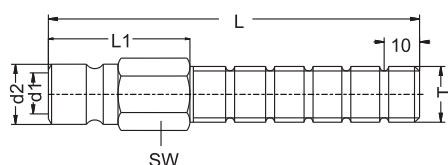
Order No /		Serie	T	dl	d2	L	SW
BSPT	NPT						
6 DU 10	6 NU 10	200	1/8"	6	9	26	13
6 DU 13	6 NU 13	200	1/4"	6	9	32	16
6 DU 17	6 NU 17	200	3/8"	6	9	32	19
9 DU 10	9 NU 10	300	1/8"	9	13	29	14
9 DU 13	9 NU 13	300	1/4"	9	13	37	16
9 DU 17	9 NU 17	300	3/8"	9	13	39	19
9 DU 21	9 NU 21	300	1/2"	9	13	40	24
16 DU 17	16 NU 17	500	3/8"	15	20	32	21
16 DU 21	16 NU 21	500	1/2"	15	20	35	24

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 6,9,16

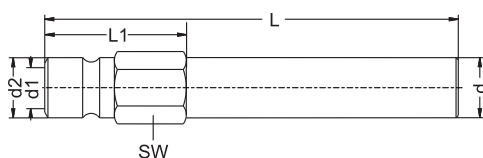


Long Threaded Plugs /



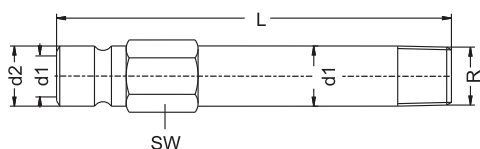
Order No /	Serie	T	d1	d2	SW	LI	L
6 BLM 10x100	200	M10x1	6	9.4	11	40	100
6 BL 10x100	200	BSP 1/8"	6	9.4	11	40	100
6 BL 13x100	200	BSP 1/4"	6	9.4	14	40	100
6 BLM 14x100	200	M14x1.5	6	9.4	14	40	100
6 BL 17x100	200	BSP 3/8"	6	9.4	17	40	100
9 BLM 10x100	300	M10x1	9	13.5	14	40	100
9 BL 10x100	300	BSP 1/8"	9	13.5	14	40	100
9 BL 13x100	300	BSP 1/4"	9	13.5	14	40	100
9 BLM 14x100	300	M14x1.5	9	13.5	14	40	100
9 BLM 16x100	300	M16x1.5	9	13.5	17	40	100
9 BL 17x100	300	BSP 3/8"	9	13.5	17	40	100

Extension plug without thread /



Order No /	Serie	d	d1	d2	SW	L	LI
6 BN 63	200	10	6	9.4	11	63	17
6 BN 100	200	10	6	9.4	11	100	17
6 BN 120	200	10	6	9.4	11	120	17
6 BN 240	200	10	6	9.4	11	240	17
6 BN 360	200	10	6	9.4	11	360	17
9 BN 150	300	14	9	13	15	150	23
9 BN 300	300	14	9	13	15	300	23
9 BN 450	300	14	9	13	15	450	23
16 BN 500	500	21	15	20	22	500	30
16 BN 800	500	21	15	20	22	800	30

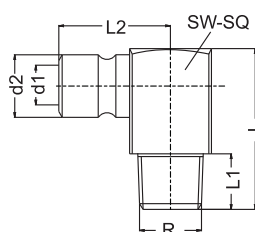
Extension plug



Order No /		Serie	R	SW	d1	d2	d3	L50	L100	L150	L200	L250
BSPT	NPT											
6 RU 10xL	6 TU 10xL	200	1/8"	11	6	9	10	50	100	150	200	250
6 RU 13xL	6 TU 13xL	200	1/4"	14	6	9	14	50	100	150	200	250
6 RU 17xL	6 TU 17xL	200	3/8"	17	6	9	17	50	100	150	200	250
9 RU 13xL	9 TU 13xL	300	1/4"	15	9	13	14	50	100	150	200	250
9 RU 17xL	9 TU 17xL	300	3/8"	17	9	13	17	50	100	150	200	250

Order No /	Serie	R	SW	d1	d2	d3	L50	L100	L150	L200	L250
6 EUBM 10xL	200	M10x1	11	10	9	6	50	100	150	200	250
6 EUBM 14xL	200	M14x1.5	15	14	9	6	50	100	150	200	250
9 EUBM 14xL	300	M14x1.5	15	14	13	9	50	100	150	200	250

Angle plug with 90°

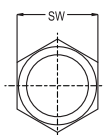
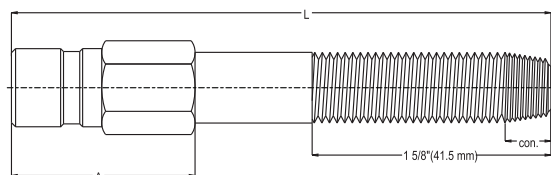


Order No /	Serie	R	d1	d2	L	LI	L2	SW/SQ
6 RU 10 - 90	200	BSPT 1/8"	6	9	27	9	23	11
6 EUM 10 - 90	200	M10x1	6	9	27	9	23	11
6 RU 13 - 90	200	BSPT 1/4"	6	9	34	12	24	15
6 EUM 14 - 90	200	M14x1.5	6	9	34	12	24	15
6 RU 17 - 90	200	BSPT 3/8"	6	9	34	12	24	17
9 RU 13 - 90	300	BSPT 1/4"	9	13	34	12	24	15
9 RU 17 - 90	300	BSPT 3/8"	9	13	34	12	24	17



SERIE 6,9,16

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Extension Plugs with tapered and long parallel thread

The largest complete thread on the standard NPT or BSPT taper is continued along the extension plug for the 1 5/8" (41.5 mm) shown below easy adjustments if needed.

Serie & Thread

300
1/8"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
9 NL 10x63	9 RL 10x63	22.2	7/8"	63.5	2.5"
9 NL 10x101	9 RL 10x101	25.4	1"	101.6	4"
9 NL 10x140	9 RL 10x140	25.4	1"	140	5.5"
9 NL 10x178	9 RL 10x178	25.4	1"	178	7"
9 NL 10x216	9 RL 10x216	25.4	1"	216	8.5"
9 NL 10x254	9 RL 10x254	25.4	1"	254	10"
9 NL 10x292	9 RL 10x292	25.4	1"	292	11.5"
9 NL 10x330	9 RL 10x330	25.4	1"	330	13"

Serie & Thread

200
1/8"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
6 NL 10x63	6 RL 10x63	22.2	11/16"	63.5	2.5"
6 NL 10x101	6 RL 10x101	25.4	1"	101.6	4"
6 NL 10x140	6 RL 10x140	25.4	1"	140	5.5"
6 NL 10x178	6 RL 10x178	25.4	1"	178	7"
6 NL 10x216	6 RL 10x216	25.4	1"	216	8.5"
6 NL 10x254	6 RL 10x254	25.4	1"	254	10"
6 NL 10x292	6 RL 10x292	25.4	1"	292	11.5"
6 NL 10x330	6 RL 10x330	25.4	1"	330	13"

Serie & Thread

300
1/4"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
9 NL 13x63	9 RL 13x63	22.2	7/8"	63.5	2.5"
9 NL 13x101	9 RL 13x101	31.7	1.25"	101.6	4"
9 NL 13x140	9 RL 13x140	31.7	1.25"	140	5.5"
9 NL 13x178	9 RL 13x178	31.7	1.25"	178	7"
9 NL 13x216	9 RL 13x216	31.7	1.25"	216	8.5"
9 NL 13x254	9 RL 13x254	31.7	1.25"	254	10"
9 NL 13x292	9 RL 13x292	31.7	1.25"	292	11.5"
9 NL 13x330	9 RL 13x330	31.7	1.25"	330	13"

Serie & Thread

200
1/4"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
6 NL 13x63	6 RL 13x63	22.2	7/8"	63.5	2.5"
6 NL 13x101	6 RL 13x101	31.7	1.25"	101.6	4"
6 NL 13x140	6 RL 13x140	31.7	1.25"	140	5.5"
6 NL 13x178	6 RL 13x178	31.7	1.25"	178	7"
6 NL 13x216	6 RL 13x216	31.7	1.25"	216	8.5"
6 NL 13x254	6 RL 13x254	31.7	1.25"	254	10"
6 NL 13x292	6 RL 13x292	31.7	1.25"	292	11.5"
6 NL 13x330	6 RL 13x330	31.7	1.25"	330	13"

Serie & Thread

300
3/8"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
9 NL 17x63	9 RL 17x63	25.4	1"	63.5	2.5"
9 NL 17x101	9 RL 17x101	31.7	1.25"	101.6	4"
9 NL 17x140	9 RL 17x140	31.7	1.25"	140	5.5"
9 NL 17x178	9 RL 17x178	31.7	1.25"	178	7"
9 NL 17x216	9 RL 17x216	31.7	1.25"	216	8.5"
9 NL 17x254	9 RL 17x254	31.7	1.25"	254	10"
9 NL 17x292	9 RL 17x292	31.7	1.25"	292	11.5"
9 NL 17x330	9 RL 17x330	31.7	1.25"	330	13"

Serie & Thread

200
3/8"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
6 NL 17x63	6 RL 17x63	25.4	1"	63.5	2.5"
6 NL 17x101	6 RL 17x101	31.7	1.25"	101.6	4"
6 NL 17x140	6 RL 17x140	31.7	1.25"	140	5.5"
6 NL 17x178	6 RL 17x178	31.7	1.25"	178	7"
6 NL 17x216	6 RL 17x216	31.7	1.25"	216	8.5"
6 NL 17x254	6 RL 17x254	31.7	1.25"	254	10"
6 NL 17x292	6 RL 17x292	31.7	1.25"	292	11.5"
6 NL 17x330	6 RL 17x330	31.7	1.25"	330	13"

Serie & Thread

300
1/2"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
9 NL 21x63	9 RL 21x63	25.4	1"	63.5	2.5"
9 NL 21x101	9 RL 21x101	31.7	1.25"	101.6	4"
9 NL 21x140	9 RL 21x140	31.7	1.25"	140	5.5"
9 NL 21x178	9 RL 21x178	31.7	1.25"	178	7"
9 NL 21x216	9 RL 21x216	31.7	1.25"	216	8.5"
9 NL 21x254	9 RL 21x254	31.7	1.25"	254	10"
9 NL 21x292	9 RL 21x292	31.7	1.25"	292	11.5"
9 NL 21x330	9 RL 21x330	31.7	1.25"	330	13"

Serie & Thread

500
3/8"

Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
16 NL 17x63	16 RL 17x63	28.5	1.25"	63.5	2.5"
16 NL 17x101	16 RL 17x101	35	1.5"	101.6	4"
16 NL 17x140	16 RL 17x140	35	1.5"	140	5.5"
16 NL 17x178	16 RL 17x178	35	1.5"	178	7"
16 NL 17x216	16 RL 17x216	35	1.5"	216	8.5"
16 NL 17x254	16 RL 17x254	35	1.5"	254	10"
16 NL 17x292	16 RL 17x292	35	1.5"	292	11.5"
16 NL 17x330	16 RL 17x330	35	1.5"	330	13"

Serie & Thread

500
1/2"

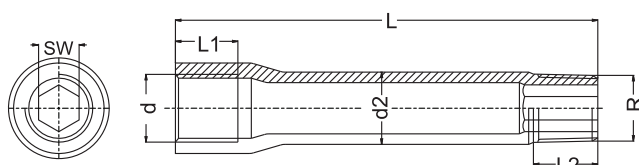
Order No		A		L	
NPT	BSPT	mm	inch.	mm	inch.
16 NL 21x63	16 RL 21x63	28.5	1.25"	63.5	2.5"
16 NL 21x101	16 RL 21x101	38	1.5"	101.6	4"
16 NL 21x140	16 RL 21x140	38	1.5"	140	5.5"
16 NL 21x178	16 RL 21x178	38	1.5"	178	7"
16 NL 21x216	16 RL 21x216	38	1.5"	216	8.5"
16 NL 21x254	16 RL 21x254	38	1.5"	254	10"
16 NL 21x292	16 RL 21x292	38	1.5"	292	11.5"
16 NL 21x330	16 RL 21x330	38	1.5"	330	13"

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

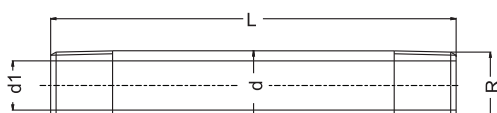
SERIE 6,9,16



Steel Extension Tube /



Extension tube /

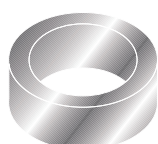


Standard : Steel Zinc Plated -
Option : Brass Nickel Plated -

Order No		d	R	d2	L	LI	L2	SW
BSP / BSPT	BSP / BSPT							
R 10 BU 50	N 10 BU 50	1/8"	1/8"	10	50	12	10	5
R 10 BU 75	N 10 BU 75	1/8"	1/8"	10	75	12	10	5
R 10 BU 100	N 10 BU 100	1/8"	1/8"	10	100	12	10	5
R 10 BU 125	N 10 BU 125	1/8"	1/8"	10	125	12	10	5
R 13 BU 50	N 13 BU 50	1/4"	1/4"	14	50	12	10	8
R 13 BU 75	N 13 BU 75	1/4"	1/4"	14	75	12	10	8
R 13 BU 100	N 13 BU 100	1/4"	1/4"	14	100	12	10	8
R 13 BU 125	N 13 BU 125	1/4"	1/4"	14	125	12	10	8
R 13 BU 150	N 13 BU 150	1/4"	1/4"	14	150	12	10	8

Order No		R	d	dI	L
BSP / BSPT	BSP / BSPT				
6 BU 50	6 NBU 50	1/8"	10	6	50
6 BU 100	6 NBU 100	1/8"	10	6	100
6 BU 150	6 NBU 150	1/8"	10	6	150
6 BU 200	6 NBU 200	1/8"	10	6	200
6 BU 250	6 NBU 250	1/8"	10	6	250
9 BU 50	9 NBU 50	1/4"	14	9	50
9 BU 100	9 NBU 100	1/4"	14	9	100
9 BU 150	9 NBU 150	1/4"	14	9	150
9 BU 200	9 NBU 200	1/4"	14	9	200
9 BU 250	9 NBU 250	1/4"	14	9	250
12 BU 100	12 NBU 100	3/8"	17	13	100
12 BU 150	12 NBU 150	3/8"	17	13	150
12 BU 200	12 NBU 200	3/8"	17	13	200
12 BU 250	12 NBU 250	3/8"	17	13	250
16 BU 100	16 NBU 100	1/2"	22	16	100
16 BU 150	16 NBU 150	1/2"	22	16	150
16 BU 200	16 NBU 200	1/2"	22	16	200
16 BU 250	16 NBU 250	1/2"	22	16	250

Spare seal O-Ring (NBR +100°C)



Order No	Serie	Temperature
CG 6 N	N 6	
CG 9 N	N 9	-10° / 100° C
CG 16 N	N 16	-4° F / +212° F

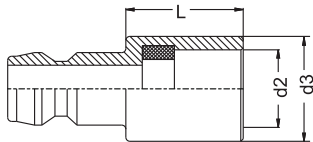
Spare seal Ring Viton (V)



Order No	Serie	Temperature
CG 6 V	N 6	
CG 9 V	N 9	-20° / 200° C
CG 16 V	N 16	-14° F / +392° F

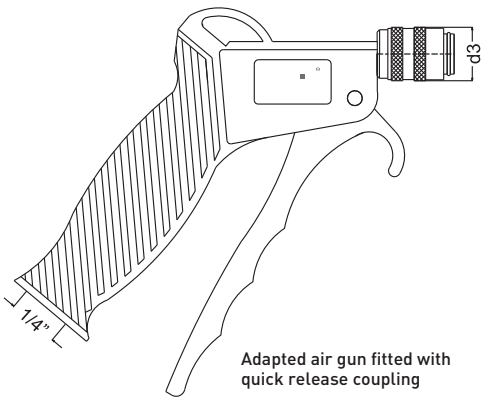
COUPLINGS, MULTICOUPLINGS &
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Adapted Plug



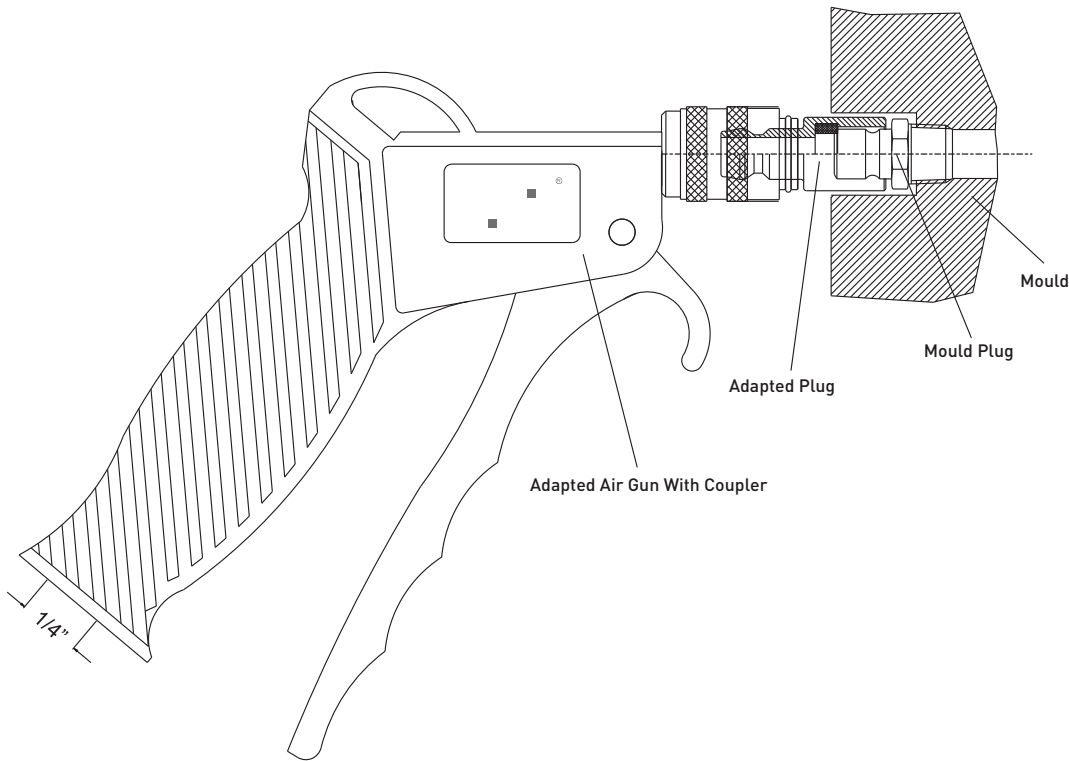
Interchangeable adaptor to suit mould plug

Order No	d2	d3	L
6 HTU 00	9	14	14.5
9 HTU 00	13	18	20.5



Adapted air gun fitted with
quick release coupling

Order No	d3
TSW00	18

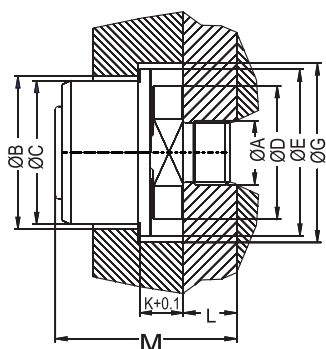


COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

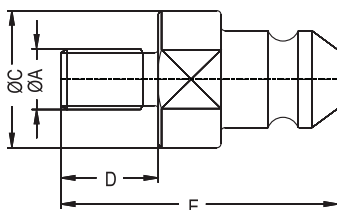
SERIE 300



Couplings



Plugs



Connection	Order No	B	C	D	E	G	K	L	M	Pul Force Kg.
M12x1.75	300-01 EGM 12x1.75	34	32	32	39	44	10	15	42.5	1500
M16x1.5	300-01 EGM 16	34	32	32	39	44	10	15	42.5	1500
M16x1.5	300-02 EGM 16	40	38	38	48	53	13	15	52	2400
M16x2.0	300-02 EGM 16x2.0	40	38	38	48	53	13	15	52	2400
M16x1.5	300-03 EGM 16	58	56	52	65	70	17	18	68	3200
M18x1.5	300-03 EGM 18	58	56	52	65	70	17	18	68	3200
M20x1.5	300-03 EGM 20	58	56	52	65	70	17	18	68	3200
M24x1.5	300-03 EGM 24	58	56	52	65	70	17	18	68	3200
M27x1.5	300-03 EGM 27	58	56	52	65	70	17	18	68	3200
M30x1.5	300-03 EGM 30	58	56	52	65	70	17	18	68	3200

M10x1.5	300-01 EUM10x1.5	22.5	20	45.5						
M12x1.75	300-01 EUM12x1.75	22.8	20	45.5						
M14x2.0	300-01 EUM14x2.0	22.5	20	45.5						
M14x2.0	300-01 EUM16x2.0	22.5	20	45.5						
M10x1.5	300-02 EUM10x1.5	25.5	20	55						
M12x1.75	300-02 EUM12x1.75	25.8	20	55						
M14x2.0	300-02 EUM14x2.0	25.5	20	55						
M16x2.0	300-02 EUM16x2.0	25.5	20	55						
M16x2.0	300-03 EUM16x2.0	35	25	68						
M18x2.5	300-03 EUM18x2.5	35	25	68						
M20x2.5	300-03 EUM20x2.5	35	25	68						
M24x3.0	300-03 EUM24x3.0	35	25	68						
M27x3.0	300-03 EUM27x3.0	35	25	68						
M30x3.5	300-03 EUM30x3.5	35	25	68						

Standard Version / Material - Material

Coupler Body - Kupplungsgrundkörper	: Steel -Stahl
Sleeve - Hülse	: Steel & Hardened - Stahl gehärtet
Springs - Federn	: Steel - Stahl
Balls - Kugeln	: Steel & Hardened - Stahl gehärtet
Male Part	: Steel & Hardened - Stahl gehärtet

Advantages

Mould change time would be reduced It can be used with the existing mould
By means of fixed coupling hydraulic return Gain time when changing mould

SERIE 059,060,090,190

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Interchangeability -

HASCO, DYROS, EOC, PARADISI (EURO CONNECTOR)

Temperature Range -

-20°C +100°C (-40°F +250°F) Nitril (N)
-20°C +200°C (-40°F +390°F) Viton (V)

Working Pressure -

0 - 10 bar (0 - 145 PSI) SERIE 059
0 - 10 bar (0 - 145 PSI) SERIE 060
0 - 15 bar (0 - 220 PSI) SERIE 090
0 - 20 bar (0 - 290 PSI) SERIE 190

Flow capacity -

NW 2.7 SERIE 059
NW 6 SERIE 060
NW 9 SERIE 090
NW 13 SERIE 190

Standard version -

Brass - Messing
Viton (V)

Options -

K - Chrome plated
N - Nickel plated
S - Stainless Steel hl

For optional orders please add the symbol of your option end of the order no.

Material - Material

Coupler Body-	: Brass
Sleeve	: Brass
Valve	: Brass
Springs	: Stainless Steel -
Locking O-Ring-	: Stainless Steel -
Balls -	: Stainless Steel -
Seals	: Viton (V)
Plug	: Brass

Using Area:

- On cooling system of plastic zamak, brass and aluminium injection moulds
- On cleaning and washing systems of machines
 - On hot oil - water lines connection
 - All industries
 - On steam line

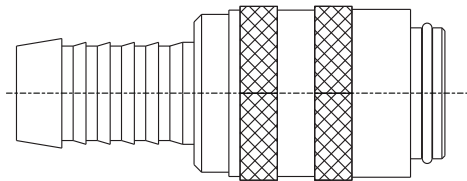


COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

SERIE 059,060,090,190

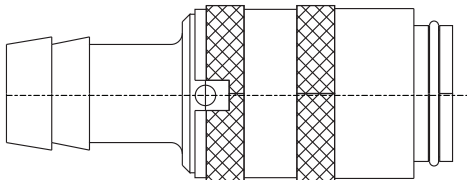


Options -



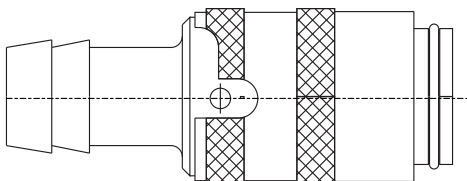
Hose Tail Options /

For this type hose tail please add the FHG symbol of your option in side of the order no. For example CSK 090 **FHG** 13



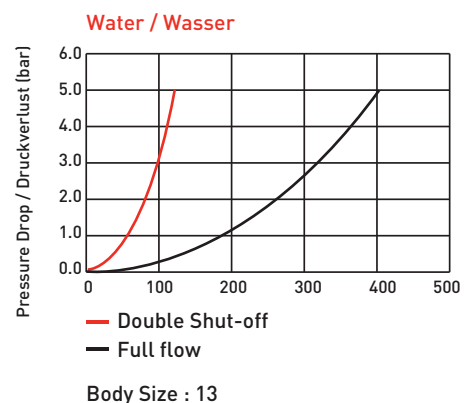
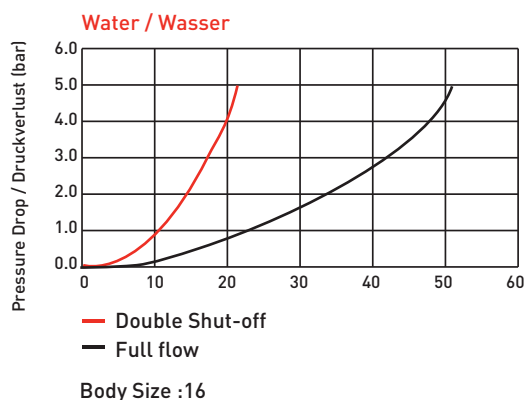
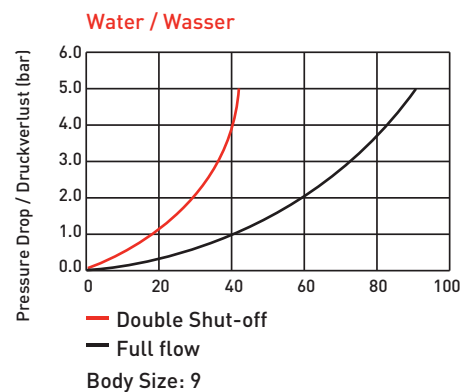
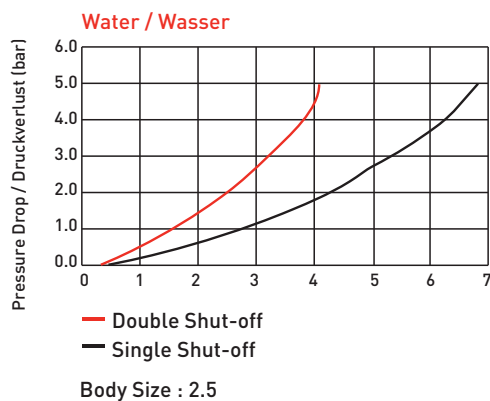
E1 Type Safety coupler /

Please add the symbol E1 add the symbol of your option end of the order no. For example CSK 090 - 13 - E1



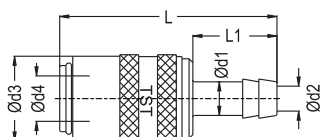
E2 Type Safety coupler /

Please add the symbol E2 add the symbol of your option end of the order no. For example CSK 090 - 13 - E2





SERIE 059,060,090,190 ■ COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Standard hose tail socket

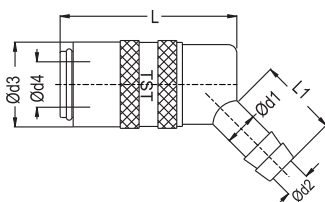


With Valve
Order No /



Without Valve /
Order No /

With Valve Order No /	Without Valve / Order No /	Serie	d1	d2	d3	d4	L	LI
CSK 059 - 05	SK 059 - 05	2.7	5 - 3/16"	2.7	10	5	35	13.5
CSK 060 - 06	SK 060 - 06	6	6 - 1/4"	4.5	17	9	46	17
CSK 060 - 08	SK 060 - 08	6	8 - 5/16"	6	17	9	46	17
CSK 060 - 09	SK 060 - 09	6	9 - 5/14"	6	17	9	46	17
CSK 060 - 10	SK 060 - 10	6	10 - 3/8"	6	17	9	46	17
CSK 060 - 13	SK 060 - 13	6	13 - 1/2"	6	17	9	52	23
CSK 090 - 10	SK 090 - 10	9	10 - 3/8"	8	23	13	60	23
CSK 090 - 13	SK 090 - 13	9	13 - 1/2"	10	23	13	60	23
CSK 190 - 19	SK 190 - 19	13	19 - 3/4"	13	31	19	90	32



Standard hose tail socket 45°



With Valve
Order No /

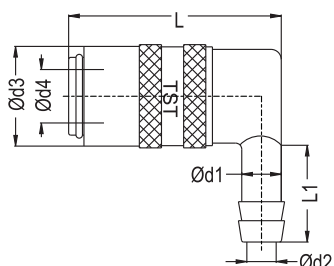


Without Valve /
Order No /

With Valve Order No /	Without Valve / Order No /	Serie	d1	d2	d3	d4	L	LI
CSK 059 - 05 - 45°	SK 059 - 05 - 45°	2.7	5 - 3/16"	2.7	10	5	29.5	13.5
CSK 060 - 06 - 45°	SK 060 - 06 - 45°	6	6 - 1/4"	4.5	17	9	41	17
CSK 060 - 08 - 45°	SK 060 - 08 - 45°	6	8 - 5/16"	6	17	9	41	17
CSK 060 - 09 - 45°	SK 060 - 09 - 45°	6	9 - 5/14"	6	17	9	41	17
CSK 060 - 10 - 45°	SK 060 - 10 - 45°	6	10 - 3/8"	6	17	9	41	17
CSK 090 - 10 - 45°	SK 090 - 10 - 45°	9	10 - 3/8"	8	23	13	51	23
CSK 090 - 13 - 45°	SK 090 - 13 - 45°	9	13 - 1/2"	9	23	13	51	23
CSK 190 - 19 - 45°	SK 190 - 19 - 45°	13	19 - 3/4"	13	31	19	78	32

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 059,060,090,190



Standard hose tail socket 90°

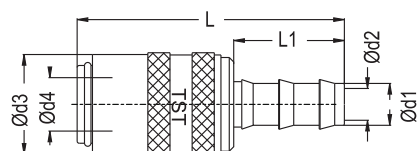


With Valve
Order No /



Without Valve /
Order No /

		NW	d1	d2	d3	d4	L	LI
CSK 059 - 05 - 90°	SK 059 - 05 - 90°	2.7	5 - 3/16"	2.7	10	5	29.5	13.5
CSK 060 - 06 - 90°	SK 060 - 06 - 90°	6	6 - 1/4"	4.5	17	9	41	17
CSK 060 - 08 - 90°	SK 060 - 08 - 90°	6	8 - 5/16"	6	17	9	41	17
CSK 060 - 09 - 90°	SK 060 - 09 - 90°	6	9 - 5/14"	6	17	9	41	17
CSK 060 - 10 - 90°	SK 060 - 10 - 90°	6	10 - 3/8"	6	17	9	41	17
CSK 090 - 10 - 90°	SK 090 - 10 - 90°	9	10 - 3/8"	8	23	13	51	23
CSK 090 - 13 - 90°	SK 090 - 13 - 90°	9	13 - 1/2"	9	23	13	51	23
CSK 190 - 19 - 90°	SK 190 - 19 - 90°	13	19 - 3/4"	13	31	19	78	32



Push-Lock hose tail socket

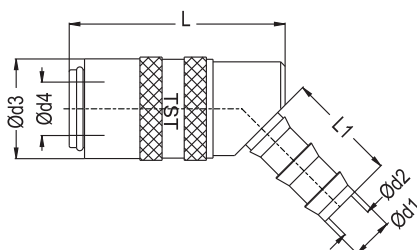


With Valve
Order No /



Without Valve /
Order No /

		NW	d1	d2	d3	d4	L	LI
CSK 060 - FG 06	SK 060 - FG 06	6	6 - 1/4"	5	17	9	52	24
CSK 060 - FG 10	SK 060 - FG 10	6	10 - 3/8"	7	17	9	52	24
CSK 090 - FG 10	SK 090 - FG 10	9	10 - 3/8"	8	23	13	64	28
CSK 090 - FG 13	SK 090 - FG 13	9	13 - 1/2"	10	23	13	64	28
CSK 190 - FG 19	SK 190 - FG 19	13	19 - 3/4"	13	31	19	96	38



Push-Lock hose tail socket 45°



With Valve
Order No /



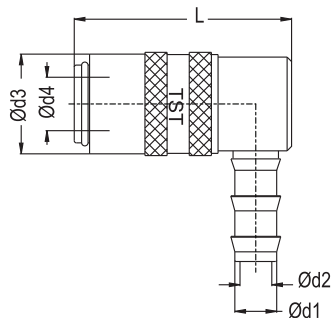
Without Valve /
Order No /

		NW	d1	d2	d3	d4	L	LI
CSK 060 - FG 06 - 45°	SK 060 - FG 06 - 45°	6	6 - 1/4"	5	17	9	48	24
CSK 060 - FG 10 - 45°	SK 060 - FG 10 - 45°	6	10 - 3/8"	7	17	9	48	24
CSK 090 - FG 10 - 45°	SK 090 - FG 10 - 45°	9	10 - 3/8"	8	23	13	55	28
CSK 090 - FG 13 - 45°	SK 090 - FG 13 - 45°	9	13 - 1/2"	10	23	13	55	28
CSK 190 - FG 19 - 45°	SK 190 - FG 19 - 45°	13	19 - 3/4"	13	31	19	84	38



SERIE 059,060,090,190

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Standard hose tail socket 90°



With Valve
Order No /



Without Valve /
Order No /

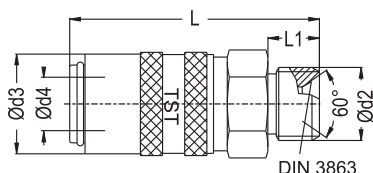
	NW	d1	d2	d3	d4	L	LI
CSK 060 - FG 06 - 90°	6	6 - 1/4"	5	17	9	48	24
CSK 060 - FG 10 - 90°	6	10 - 3/8"	7	17	9	47	24
CSK 090 - FG 10 - 90°	9	10 - 3/8"	8	23	13	55	28
CSK 090 - FG 13 - 90°	9	13 - 1/2"	10	23	13	55	28
CSK 190 - FG 19 - 90°	13	19 - 3/4"	13	31	19	84	38



With Valve
Order No /



Without Valve /
Order No /



Cylindrical Male Thread socket

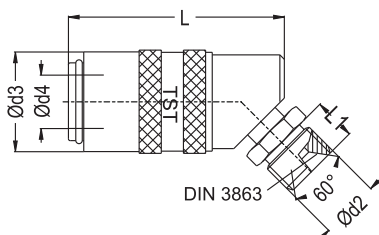
	NW	d2	d3	d4	L	LI	SW
CSK 060 - EGM 10	6	M10x1.0	17	9	48	9	17
CSK 060 - EG 13	6	BSP 1/4"	17	9	48	9	17
CSK 060 - EGM 14	6	M14x1.5	17	9	48	9	17
CSK 060 - EG 17	6	BSP 3/8"	17	9	48	9	17
CSK 090 - EGM 16	9	M16x1.5	23	13	52	9	21
CSK 090 - EG 17	9	BSP 3/8"	23	13	52	9	21
CSK 090 - EG 21	9	BSP 1/2"	23	13	52	9	21
CSK 190 - EG 21	13	BSP 1/2"	31	19	74	12	30
CSK 190 - EGM 24	13	M24x1.5	31	19	78	16	30



With Valve
Order No /



Without Valve /
Order No /

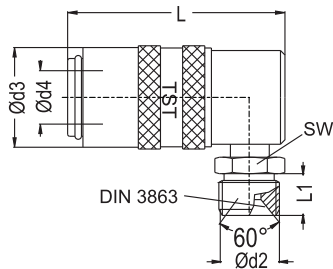


Cylindrical Male Thread socket 45°

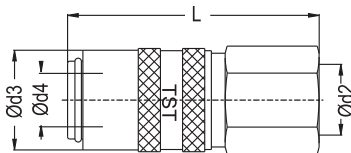
	NW	d2	d3	d4	L	LI	SW
CSK 060 - EG 13 - 45°	6	BSP 1/4"	17	9	48	9	17
CSK 060 - EGM 14 - 45°	6	M14x1.5	17	9	48	9	17
CSK 060 - EG 17 - 45°	6	BSP 3/8"	17	9	48	9	17
CSK 090 - EG 17 - 45°	9	BSP 3/8"	23	13	55	12	21
CSK 090 - EGM 16 - 45°	9	M16x1.5	23	13	55	12	21
CSK 090 - EG 21 - 45°	9	BSP 1/2"	23	13	55	12	21
CSK 190 - EG 21 - 45°	13	BSP 1/2"	31	19	76	14	30
CSK 190 - EGM 24 - 45°	13	M24x1.5	31	19	78	16	30

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

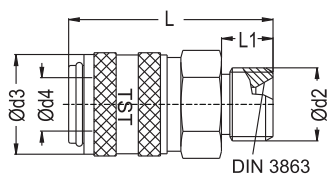
SERIE 059,060,090,190



Cylindrical Male Thread socket 90°



Female Thread socket



Cylindrical Male Thread socket (Short type)



With Valve
Order No /



Without Valve /
Order No /

With Valve Order No /	Without Valve / Order No /	NW	d2	d3	d4	L	LI	SW
CSK 060 - EG 13 - 90°	SK 060 - EG 13 - 90°	6	BSP 1/4"	17	9	48	11	17
CSK 060 - EGM 14 - 90°	SK 060 - EGM 14 - 90°	6	M14x1.5	17	9	48	11	17
CSK 060 - EG 17 - 90°	SK 060 - EG 17 - 90°	6	BSP 3/8"	17	9	48	11	17
CSK 090 - EG 17 - 90°	SK 090 - EG 17 - 90°	9	BSP 3/8"	23	13	52	11	21
CSK 090 - EGM 16 - 90°	SK 090 - EGM 16 - 90°	9	M16x1.5	23	13	52	11	21
CSK 090 - EG 21 - 90°	SK 090 - EG 21 - 90°	9	BSP 1/2"	23	13	52	11	21
CSK 190 - EG 21 - 90°	SK 190 - EG 21 - 90°	13	BSP 1/2"	31	19	76	14	30
CSK 190 - EGM 24 - 90°	SK 190 - EGM 24 - 90°	13	M24x1.5	31	19	78	16	30



With Valve
Order No /



Without Valve /
Order No /

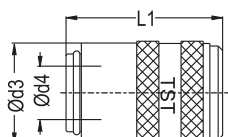
With Valve Order No /	Without Valve / Order No /	NW	d2	d3	d4	L	LI	SW
CSK 060 - DGM 10	SK 060 - DGM 10	6	M10x1.0	17	9	44	9	17
CSK 060 - DG 13	SK 060 - DG 13	6	BSP 1/4"	17	9	44	11	17
CSK 060 - DGM 14	SK 060 - DGM 14	6	M14x1.5	17	9	44	11	17
CSK 060 - DG 17	SK 060 - DG 17	6	BSP 3/8"	17	9	44	11	17
CSK 090 - DGM 16	SK 090 - DGM 16	9	M16x1.5	23	13	48	11	21
CSK 090 - DG 17	SK 090 - DG 17	9	BSP 3/8"	23	13	48	11	21
CSK 090 - DG 21	SK 090 - DG 21	9	BSP 1/2"	23	13	48	11	21
CSK 190 - DG 21	SK 190 - DG 21	13	BSP 1/2"	31	19	70	14	30
CSK 190 - DGM 24	SK 190 - DGM 24	13	M24x1.5	31	19	72	16	30
CSK 190 - DG 26	SK 190 - DG 26	13	BSP 3/4"	31	19	72	16	30



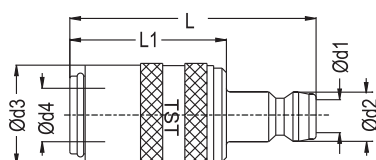
With Valve
Order No /

NW d2 d3 d4 L LI SW

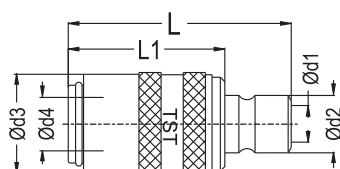
060 - EG 13	6	BSP 1/4"	18	9	38	9	17
090 - EG 17	9	BSP 3/8"	23	13	38	9	21


SERIE 059,060,090,190 **COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS**
**Blind Socket**

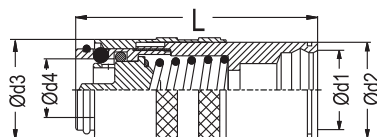
Order No /	NW	d3	d4	LI
060 KTG 00	6	18	18	31.5
090 KTG 00	9	15	15	6

Adapting Socket with 060 - 090 Plugs

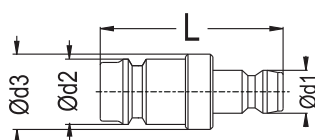
With Valve / Order No /	Without Valve / Order No /	NW	d1	d2	d3	d4	L	LI
CSK 060 AU 090	SK 060 AU 090	6	9	13	18	9	58.5	44
CSK 090 AU 060	SK 090 AU 060	9	6	9	23	13	57.5	45

Adapting Socket With 6 - 9 Plugs

With Valve / Order No /	Without Valve / Order No /	NW	d1	d2	d3	d4	L	LI
CSK 060 AU 06	SK 060 AU 06	6	6	9	18	9	56	44
CSK 090 AU 09	SK 090 AU 09	9	9	13	23	13	60	45

Adapting Socket with 100.08 Plug

With Valve / Order No /	Without Valve / Order No /	NW	d1	d2	d3	d4	L
CSK 060 AU 100.08	SK 060 AU 100.08	6	17	21	18	9	56
CSK 090 AU 100.08	SK 090 AU 100.08	9	17	21	23	13	60

Adapting Plug 060 - 090

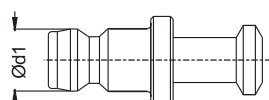
Order No /	NW	d3	d4	LI
060 HEF 090	9	13	14	32
060 HEF 00	9	9	11	34
090 HEF 00	13	13	14	40

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 059,060,090,190



Stop Plug /



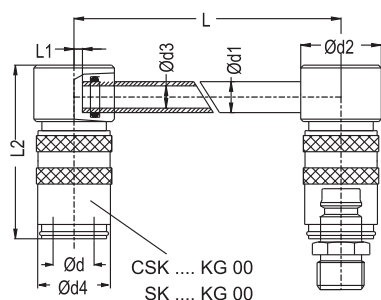
Order No /

dl

059 KTU 00
060 KTU 00
090 KTU 00
190 KTU 00

5
9
13
19

Diverting Socket /



With Valve /
Order No /

Without Valve /
Order No /

CSK 060 - KG 125

SK 060 - KG 125

CSK 060 - KG 250

SK 060 - KG 250

CSK 060 - KG 500

SK 060 - KG 500

CSK 090 - KG 125

SK 090 - KG 125

CSK 090 - KG 250

SK 090 - KG 250

CSK 090 - KG 500

SK 090 - KG 500

CSK 190 - KG 160

SK 190 - KG 160

CSK 190 - KG 315

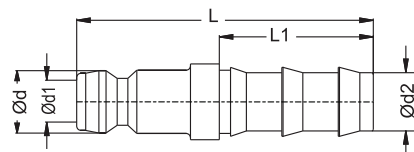
SK 190 - KG 315

CSK 190 - KG 500

SK 190 - KG 500

d	dl	d2	d3	d4	t	h	L	LI	L2
9	8	20	6	17	18	29	125	0	44
9	8	20	6	17	18	29	250	0	44
9	8	20	6	17	18	29	500	0	44
13	10	26	8	23	18	39	125	2	53
13	10	26	8	23	18	39	250	2	53
13	10	26	8	23	18	39	500	2	53
19	14	36	12	31	36	54	160	3	80
19	14	36	12	31	36	54	315	3	80
19	14	36	12	31	36	54	500	3	80

Push-Lock Hose Plug



Order No /

NW

d2

d4

L

060 FU 10

6

10 - 3/8"

41

24

060 FU 13

6

13 - 1/2"

45

24

090 FU 10

9

10 - 3/8"

41

24

090 FU 13

9

13 - 1/2"

45

28

190 FU 13

13

13 - 1/2"

60

28

190 FU 19

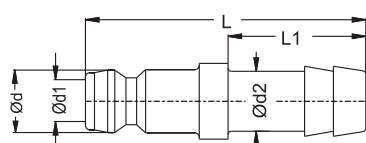
13

19 - 3/4"

70

38

Standard Hose Plug



Order No /

NW

d2

d4

L

059 HU 05

5

5

25

13.5

060 HU 06

6

6 - 1/4"

37

17

060 HU 08

6

8 - 5/16"

37

17

060 HU 09

6

9 - 5/14"

37

17

060 HU 10

6

10 - 3/8"

37

17

060 HU 13

6

13 - 1/2"

37

17

090 HU 10

9

10 - 3/8"

39

23

090 HU 13

9

13 - 1/2"

39

23

190 HU 13

13

13 - 1/2"

53

23

190 HU 19

13

19 - 3/4"

62

27

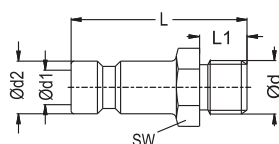


SERIE 059,060,090,190

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

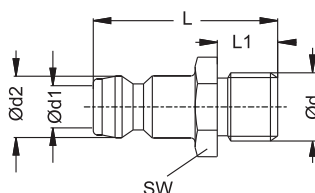


Plug with thread (059 serie)



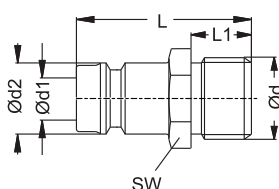
Order No /	Ød	d1	d2	SW	L	LI
059 EUM 5	M5x0.50	2.7	5	7	18	5
059 EUM 8	M8x0.75	2.7	5	9	20	7

Plug with thread (060 serie)



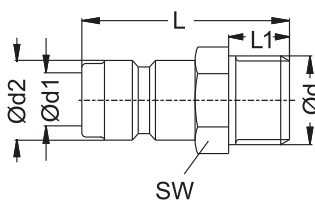
Order No /	Ød	d1	d2	SW	L	LI
060 EUM 8	M8x0.75	5	9	11	24	7
060 EUM 10	M10x1.0	6	9	11	24	7
060 EUM 10-1.5	M10x1.5	6	9	11	26	9
060 EU 10	BSP 1/8"	6	9	11	24	7
060 EU 13	BSP 1/4"	6	9	14	26	9
060 EUM 14	M14x1.5	6	9	14	26	9
060 EU 17	BSP 3/8"	6	9	17	26	9

Plug with thread (090 serie)



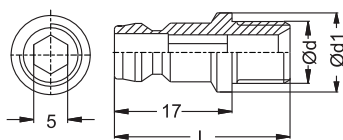
Order No /	Ød	d1	d2	SW	L	LI
090 EU 10	BSP 1/8"	9	13	14	24	7
090 EUM 10	M10x1.0	9	13	14	26	9
090 EUM 10x1.5	M10x1.5	9	13	14	26	9
090 EUM 12	M12x1.5	9	13	14	26	9
090 EU 13	BSP 1/4"	9	13	14	26	9
090 EUM 14	M14x1.5	9	13	14	26	9
090 EUM 16	M16x1.5	9	13	17	26	9
090 EU 17	BSP 3/8"	9	13	17	26	9
090 EU 21	BSP 1/2"	9	13	21	30	12

Plug with thread



Order No /	Ød	d1	d2	SW	L	LI
190 EU 21	BSP 1/2"	13	19	22	47	12
190 EUM 24	M24x1.5	13	19	27	51	16
190 EU 26	BSP 3/4"	13	19	27	51	16

Inner hex. Plugs for 060 Serie

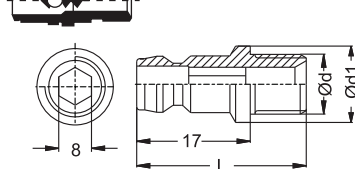


Order No /	Ød	d1	L
060 AUM 08	M8x0.75	10	24
060 AUM 10	M10x1.0	11	24
060 AUG 10	BSP 1/8"	11	24
060 AUG 13	BSP 1/4"	13.5	27

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS **SERIE 059,060,090,190**

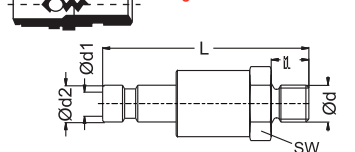


Inner hex. Plugs for 090 Serie



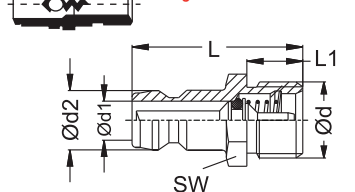
Order No /	Ød	dl	L
090 AUM 14	M14x1.5	14.5	26
090 AUG 13	BSP 1/4"	13.5	26
090 AUG 17	BSP 3/8"	17	26

Plug with valve (059 serie)



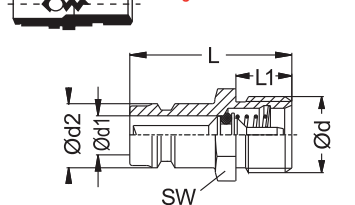
Order No /	Ød	dl	d2	L	LI	SW
059 EUBM 5	M5x0.50	2.7	5	28	5	9
059 EUBM 8	M8x0.75	2.7	5	30	7	9

Plug with valve (060 serie)



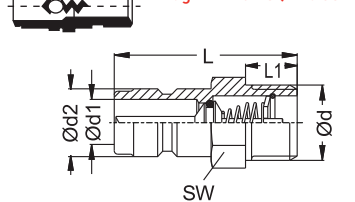
Order No /	Ød	dl	d2	L	LI	SW
060 EUB 13	BSP 1/4"	6	9	30	12	14
060 EUBM 14	M14x1.5	6	9	30	12	14
060 EUB 17	BSP 3/8"	6	9	30	12	17

Plug with valve (090 serie)



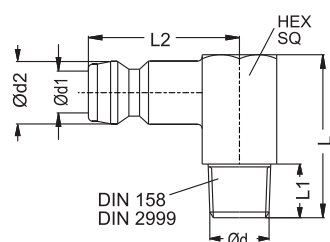
Order No /	Ød	dl	d2	L	LI	SW
090 EUB 13	BSP 1/4"	9	13	30	12	14
090 EUBM 14	M14x1.5	9	13	30	12	14
090 EUBM 16	M16x1.5	9	13	30	12	17
090 EUB 17	BSP 3/8"	9	13	30	12	17

Plug with valve (190 serie)



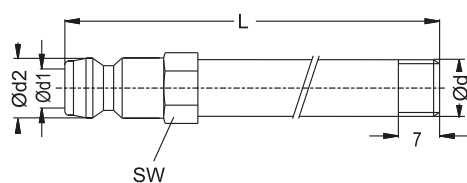
Order No / Bestellnr.	Ød	dl	d2	L	LI	SW
190 EUB 21	BSP 1/2"	13	19	51	16	22
190 EUBM 24	M24x1.5	13	19	51	16	27
190 EUB 26	BSP 3/4"	13	19	51	16	27

Angle Plug with 90°

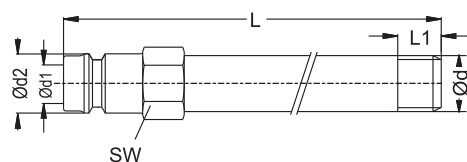


Order No /	Ød	dl	d2	SW (SQ)	L	LI	L2
059 EUM 5 - 90°	M5x0.50	6	5	10	15.5	5	14.5
059 EUM 8 - 90°	M8x0.75	6	5	10	17.5	7	14.5
060 EUM 8 - 90°	M8x0.75	6	9	11	27	9	23
060 EUM 10 - 90°	M10x1.0	6	9	11	27	9	23
060 RU 10 - 90°	BSPT 1/8"	6	9	11	27	9	23
060 RU 13 - 90°	BSPT 1/4"	6	9	15	34	12	23
060 EUM 14 - 90°	M14x1.5	6	9	15	34	12	23
060 RU 17 - 90°	BSPT 3/8"	6	9	17	34	12	23
090 RU 13 - 90°	BSPT 1/4"	9	13	15	34	12	25
090 EUM 14 - 90°	M14x1.5	9	13	15	34	12	25
090 RU 17 - 90°	BSPT 3/8"	9	13	17	34	12	25
190 RU 21 - 90°	BSPT 1/2"	13	19	24	47	16	35
190 EUM 24 - 90°	M24x1.5	13	19	24	47	16	35

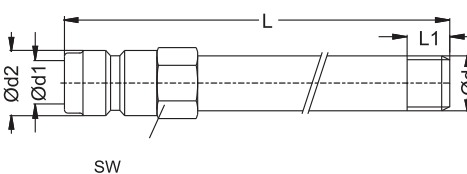

SERIE 059,060,090,190 **COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS**

Extension plug with thread (060 serie)


Order No	Ød	d1	d2	SW	LI	Extension tube		
						L60	L100	L150
060 EUM 8 x L	M8x0.75	5	9	11	7	60	100	150
060 EUM 10 x L	M10x1.0	6	9	11	7	60	100	150
060 EUM 10x1.5 x L	M10x1.5	6	9	11	9	60	100	150
060 EU 10 x L	BSP 1/8"	6	9	11	7	60	100	150
060 EU 13 x L	BSP 1/4"	6	9	14	9	60	100	150
060 EUM 14 x L	M14x1.5	6	9	14	9	60	100	150
060 EU 17 x L	BSP 3/8"	6	9	17	9	60	100	150

Extension plug with thread (090 serie)


Order No	Ød	d1	d2	SW	LI	Extension tube		
						L60	L100	L150
090 EU 10 x L	BSP 1/8"	9	13	14	7	60	100	150
090 EUM 10 x L	M10x1.0	9	13	14	9	60	100	150
090 EUM 10x1.5 x L	M10x1.5	9	13	14	9	60	100	150
090 EUM 12 x L	M12x1.5	9	13	14	9	60	100	150
090 EU 13 x L	BSP 1/4"	9	13	14	9	60	100	150
090 EUM 14 x L	M14x1.5	9	13	14	9	60	100	150
090 EUM 16 x L	M16x1.5	9	13	17	9	60	100	150
090 EU 17 x L	BSP 3/8"	9	13	17	9	60	100	150
090 EU 21 x L	BSP 1/2"	9	13	21	1	60	100	150

Extension plug with thread (190 serie)


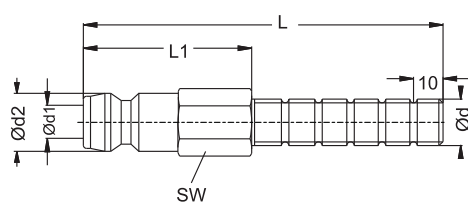
Order No	Ød	d1	d2	SW	LI	Extension tube		
						L60	L100	L150
190 EU 21 x L	BSP 1/2"	13	19	22	12	250	500	800
190 EUM 24 x L	M24x1.5	13	19	27	16	250	500	800
190 EU 26 x L	BSP 3/4"	13	19	27	16	250	500	800

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

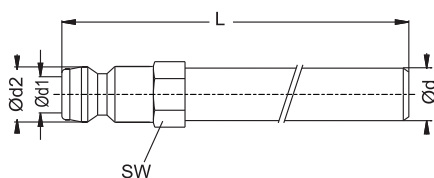
SERIE 059,060,090,190



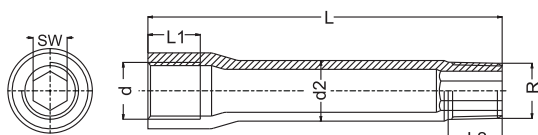
Long threaded plugs (060 - 090 serie)



Extension Plug without thread



Steel Extension Tube



Order No	Type	Ød	d1	d2	SW	LI	L2
060 BLM 10x100	060	M10x1.0	6	9	11	40	100
060 BL 10x100	060	BSP 1/8"	6	9	11	40	100
060 BL 13x100	060	BSP 1/4"	6	9	14	40	100
060 BLM 14x100	060	M14x1.5	6	9	14	40	100
060 BL 17x100	060	BSP 3/8"	6	9	17	40	100
090 BLM 10x100	090	M10x1.0	9	13	14	40	100
090 BL 10x100	090	BSP 1/8"	9	13	14	40	100
090 BL 13x100	090	BSP 1/4"	9	13	14	40	100
090 BLM 14x100	090	M14x1.5	9	13	14	40	100
090 BLM 16x100	090	M16x1.5	9	13	17	40	100
090 BL 17x100	090	BSP 3/8"	9	13	17	40	100

Order No	Type	Ød	d1	d2	SW	LI	L2
060 BU 63	060	8	6	9	9	21	63
060 BU 100	060	10	6	9	11	21	100
060 BU 120	060	10	6	9	11	21	120
060 BU 240	060	10	6	9	11	21	240
060 BU 360	060	10	6	9	11	21	360
090 BU 150	090	14	9	13	15	22	150
090 BU 300	090	14	9	13	15	22	300
090 BU 450	090	14	9	13	15	22	450
190 BU 500	190	21	13	19	22	33	500
190 BU 800	190	21	13	19	22	33	800

Order No		d	R	d2	L	LI	L2	SW
BSP / BSPT	NPT / NPT							
R 10 BU 50	N 10 BU 50	1/8"	1/8"	10	50	12	10	5
R 10 BU 75	N 10 BU 75	1/8"	1/8"	10	75	12	10	5
R 10 BU 100	N 10 BU 100	1/8"	1/8"	10	100	12	10	5
R 10 BU 125	N 10 BU 125	1/8"	1/8"	10	125	12	10	5
R 13 BU 50	N 13 BU 50	1/4"	1/4"	14	50	12	10	8
R 13 BU 75	N 13 BU 75	1/4"	1/4"	14	75	12	10	8
R 13 BU 100	N 13 BU 100	1/4"	1/4"	14	100	12	10	8
R 13 BU 125	N 13 BU 125	1/4"	1/4"	14	125	12	10	8
R 13 BU 150	N 13 BU 150	1/4"	1/4"	14	150	12	10	8

Spare O-Rings



Order No	Serie	Temperature
CG 060 N	060	
CG 090 N	090	-20° / 100° C
	190	-4° F / +212° F

Spare O-Rings (V)



Order No	Serie	Temperature
CG 060 V	060	
CG 090 V	090	-20° / 200° C
	190	-14° F / +392° F

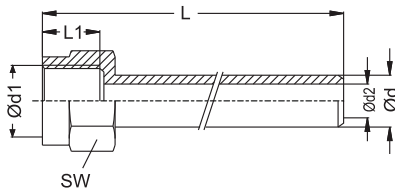


SERIE 059,060,090,190

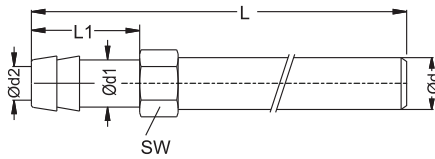
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Sealing plug extension /

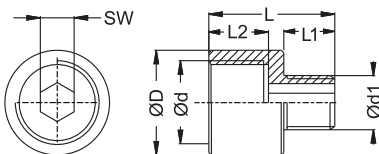


Hose tail extension



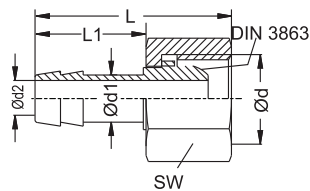
Material : Brass - Laiton

Cylindrical reduction



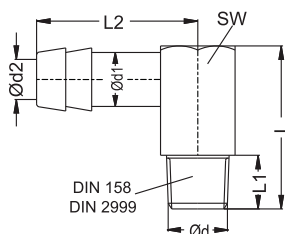
Material : Brass - Laiton

Hose tail + Nut



Material : Brass - Laiton

Angle Nippel (90°)



Material : Brass - Laiton

Order No	Ød	d1	d2	t	LI	SW	L
UN 14 - 120	M14x1.5	10	6	12	15.5	17	120
UN 14 - 240	M14x1.5	10	6	12	15.5	17	240
UN 16 - 150	M16x1.5	14	9	12	15.5	22	150
UN 16 - 300	M16x1.5	14	9	12	15.5	22	300
UN 24 - 500	M24x1.5	21	13	16	21	30	500
UN 24 - 800	M24x1.5	21	13	16	21	30	800

Order No	Ød	d2	d1	LI	SW	L
BHE 120	10	6	9	25	11	120
BHE 240	10	6	9	25	11	240
BHE 360	10	6	9	25	11	360
BHE 150	14	9	13	33	15	150
BHE 300	14	9	13	33	15	300
BHE 450	14	9	13	33	15	450
BHE 500	21	13	19	38	22	500

Order No	Ød	Ød1	ØD	L	LI	L2	SW
BDM 14/10	M14x1.5	M10x1	17	22	7	12	6
BDM 13/10	BSP 1/4"	BSP 1/8"	17	22	7	12	6
BDM 16/14	M16x1.5	M14x1.5	20	24	9	12	8
BDM 17/13	BSP 3/8"	BSP 1/4"	20	24	9	12	8

Order No	Ød	d1	d2	LI	L	SW
SN 14	M14x1.5	9	6	15.5	34.5	17
SN 13	BSP 1/4"	9	6	15.5	34.5	17
SN 16	M16x1.5	13	9	14	41	22
SN 17	BSP 3/8"	13	9	14	41	22
SN 24	M24x1.5	19	13	20	52	30
SN 26	BSP 3/4"	19	13	20	52	32

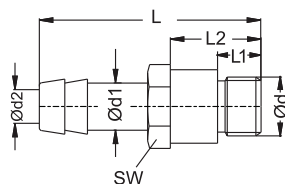
Order No	Ød	d1	d2	L	LI	L2	SW
AHE M8	M8x0.75	9	4.5	27	9	23	11
AHE M10	M10x1	9	6	27	9	23	11
AHE 10	BSPT 1/8"	9	6	27	9	23	11
AHE M14	M14x1.5	13	9	34	12	32.5	15
AHE 13	BSPT 1/4"	13	9	34	12	32.5	15
AHE M24	M24x1.4	19	13	47	16	44	24
AHE 21	BSPT 1/2"	19	13	47	16	44	22

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 059,060,090,190



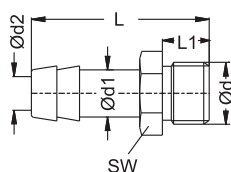
Hose nipple



Material : MS 58 (Brass)

Order No	d	d1	d2	L	LI	L2	SW
UHE M10	M10x1.0	9	6	35	7	14	11
UHE 10	BSP 1/8"	9	6	35	7	14	11
UHE M12	M12x1.5	9	8	37	10	18	14
UHE M14	M14x1.5	13	9	47	9	16	15
UHE 13	BSP 1/4"	13	9	47	9	16	15
UHE M24	M24x1.5	13	13	62	12	22	27
UHE 21	BSP 1/2"	19	13	62	12	22	22

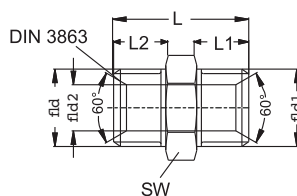
SHE nipple



Material : MS 58 (Brass)

Order No	d	d1	d2	L	LI	SW
SHE M8	M8x0,75	9	4.5	27	6	11
SHE M10	M10x1.0	9	6	28	7	11
SHE 10	BSP 1/8"	9	6	28	7	11
SHE M12	M12x1.5	13	9	38	9	15
SHE 13	BSP 1/4"	13	9	38	10	15
SHE M14	M14x1.5	13	9	38	10	15
SHE M16	M16x1.5	13	9	38	10	17
SHE 17	BSP 3/8"	13	9	38	10	17
SHE M24	M24x1.5	19	13	49	16	27
SHE 21	BSP 1/2"	19	13	46	12	22
SHE 26	BSP 3/4"	19	13	49	16	27

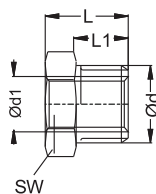
Double nipples



Material : MS 58 (Brass)

Order No	d	d1	d2	L	LI	L2	SW
DP 14/14	M14x1,5	M14x1,5	6	24	9	9	17
DP 14/13	M14x1.5	BSP 1/4"	6	24	9	9	15
DP 13/13	BSP 1/4"	BSP 1/4"	6	23	9	9	17
DP 16/16	M16x1.5	M16x1.5	9	24	9	9	17
DP 16/17	M16x1.5	BSP 3/8"	9	24	9	9	19
DP 17/17	BSP 3/8"	BSP 3/8"	9	24	9	9	19
DP 24/24	M24x1.5	M24x1.5	13	40	16	16	27
DP 24/21	M24x1.5	BSP 1/2"	13	36	16	12	25
DP 21/21	BSP 1/2"	BSP 1/2"	13	30	12	12	22
DP 26/26	BSP 3/4"	BSP 3/4"	13	40	16	16	27

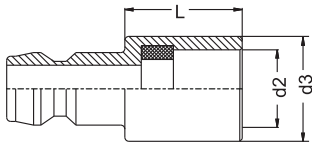
Reduction



Material : MS 58 (Brass)

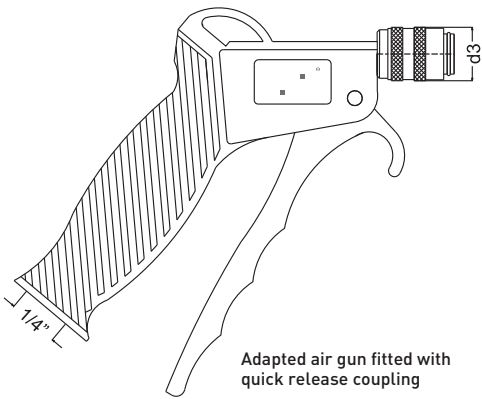
Order No	d	d1	L	LI	SW
RD 14/10	M14x1,5	M10x1.0	14	9	15
RD 18/14	M18x1.5	M14x1.5	14	9	19
RD 13/10	BSP 1/4"	BSP 1/8"	11	8	15
RD 17/13	BSP 3/8"	BSP 1/4"	13	9	19
RD 21/17	BSP 1/2"	BSP 3/8"	18	12	22
RD 24/16	M24x1.5	M16x1.5	24	16	25
RD 26/21	BSP 3/4"	BSP 1/2"	24	16	27

Adapted Plug



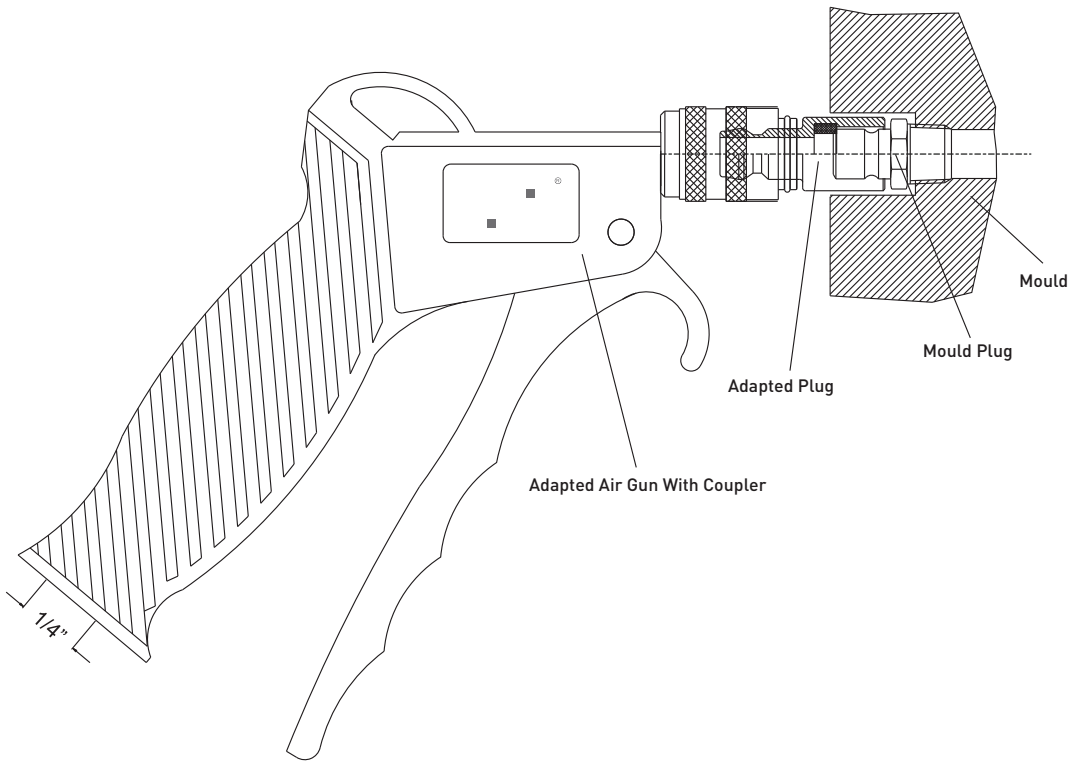
Interchangeable adaptor to suit mould plug

Order No	d2	d3	L
060 HTU 00	9	14	14.5
090 HTU 00	13	18	20.5



Adapted air gun fitted with
quick release coupling

Order No	d3
TSW00	18



COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 093

MANIFOLD COUPLERS



Interchangeability -
HASCO Z809 - Z819

Temperature Range
-20°C, +100°C (-4°F +212°F) With NBR Seal
-30°C, +150°C (-22°F +302°F) With EPDM Seal
-15°C, +180°C (+5°F +392°F) With FPM Seal
0°C, +325°C (+32°F +637°F) With FFKM Seal

Standard version
Seal : Fluorocarbon FPM (V)

Working Pressure
0 - 15 Bar, (0 -217 PSI)

Flow capacity
NW 8 (50.2 mm Sq)

Options
D - Double Shut off
N - Nickel plated
S - Stainless Steel

For optional orders please add the symbol of your option end of the order no.
Bei Bestellungen Kennbuchstabe bitte hinzufügen
(Beispiel: 9 EG 13-N - S)

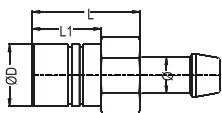
Material - Material
Coupler and Plug Body & Nippel : **AISI 420 Chrome Steel & Hardened -**

Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)

Applications
Multi couplers for the mould
Robotic tool changer couplers

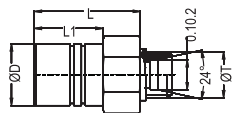
Couplings

Body Size	Connection	Order No	ØD	L	LI	SW
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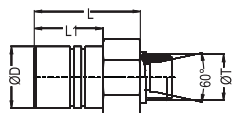
Hose Tail Shut-off Coupler

08	Ø10	093.08 HGB 10	21.5	37	24	24
08	Ø13	093.08 HGB 13	21.5	37	24	24



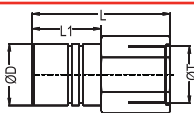
Male Threaded Self Sealing Coupler

08	M16x1.5	093.08 EGBM 16-10	21.5	37	24	24
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Male Threaded Self Sealing Coupler

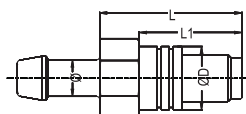
08	BSP 3/8"	093.08 EGB 17	21.5	37	24	24
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Female Threaded Shut-off Coupler

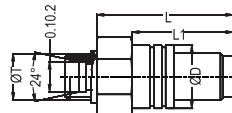
08	M16x1.5	093.08 DGBM 16	21.5	48		24
08	BSP 3/8"	093.08 DGB 17	21.5	48		24

Plugs



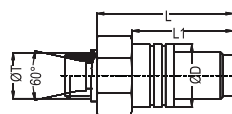
Hose Tail Shut-off Plug

08	Ø10	093.08 HUB 10	22	46.5	33	24
08	Ø13	093.08 HUB 13	22	46.5	33	24



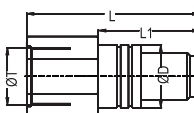
Male Threaded Self Sealing Plug

08	M16x1.5	093.08 EUBM 16-10	22	46.5	33.5	24
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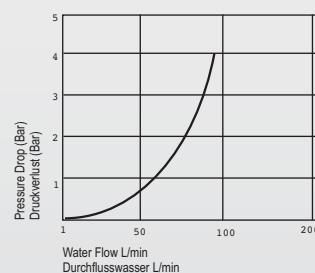
Male Threaded Self Sealing Plug

08	BSP 3/8"	093.08 EUB 17	22	46.5	33.5	24
----	----------	---------------	----	------	------	----



Female Threaded Shut-off Plug

08	M16x1.5	093.08 DUBM 16	22	46.5	33	24
08	BSP 3/8"	093.08 DUB 17	22	46.5	33	24





SERIE 098

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



ROBOTIC COUPLINGS

Interchangeability

STAUBLI SPM

ROBOTIC TOOL CHANGER COUPLERS

Working Pressure

16 Bar - Standard (AISI 303)

100 Bar - Stainless Steel -

Standard version - Seal

: Fluorocarbon (V)

Material

Coupler & Plug body -

& Nippel : Brass

Valve - Ventil : Brass

Springs : Stainless Steel -

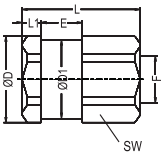
Seals - : Fluorocarbon (V)

Applications

Multi couplers for the mould Robotic tool changer couplers.

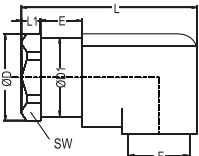
Couplings

Body Size	Connection F / Ø	Order No	ØD	ØDI	L	LI	E	SW
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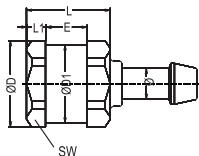
Female Threaded Shut-off Coupler

08	BSP 3/8"	098.08 DGB 17	30	30	40.3	6.3	14	27
12	BSP 3/4"	098.12 DGB 26	42	42	43.8	6.3	14	38



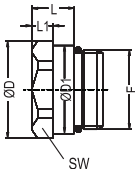
90° Female Threaded Shut-off Coupler

08	BSP 3/8"	098.08 DGB 17-90	30	30	55.6	6.3	14	27
12	BSP 3/4"	098.12 DGB 26-90	42	42	59	6.3	14	38



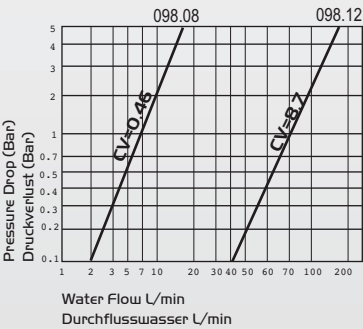
Hose Tail Shut-off Coupler

08	Ø 12	098.08 HGB 12	30	30	31.5	6.3	14	27
12	Ø 16	098.12 HGB 16	42	42	35	6.3	14	38



Male Threaded Shut-off Coupler

08	M24x1.5	098.08 EGBM 24	30	30	18.3	13		27
12	M33x1.5	098.12 EGBM 33	42	42	18.3	13		38



COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

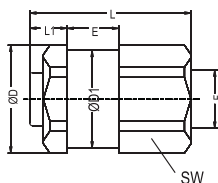
SERIE 098

MANIFOLD & ROBOTIC COUPLINGS



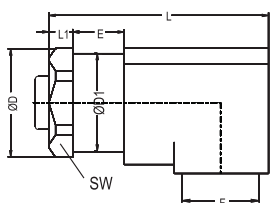
Couplings

Body Size	Connection F / Ø	Order No	ØD	ØDI	L	LI	E	SW
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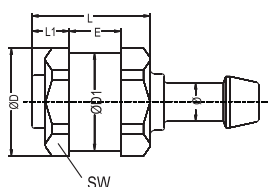
Female Threaded Shut-off Coupler

08	BSP 3/8"	098.08 DUB 17	30	27	45.5	11.5	14	27
12	BSP 3/4"	098.12 DUB 26	42	38	49.5	11.8	14	38



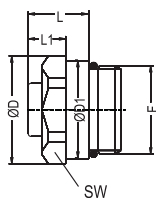
90° Female Threaded Shut-off Coupler

08	BSP 3/8"	098.08 DUB 17-90	30	27	59	11.5	14	27
12	BSP 3/4"	098.12 DUB 26-90	42	38	63	11.8	14	38



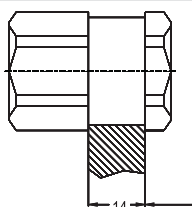
Hose Tail Shut-off Coupler

08	Ø 12	098.08 HUB 12	30	27	36.7	11.5	14	27
12	Ø 16	098.12 HUB 16	42	38	40.5	11.8	14	38

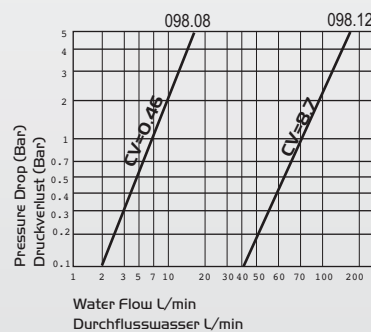
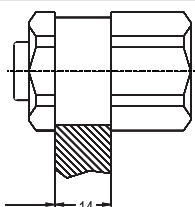


Male Threaded Shut-off Coupler

08	M24x1.5	098.08 EUBM 24	30	27	22	11.5		27
12	M33x1.5	098.12 EUBM 33	42	38	22	11.8		38



13mm Coupled Plate Distance



MULTICOUPLINGS & COOLING PRODUCTS

SERIE 100

The Serie 100 is quick to operate, reliable and designed for one hand operations. According to internal diameter there are 3 different sizes of Serie 100 couplers.

Serie : 100.06 = 6 mm
Serie : 100.08 = 8.3 mm
Serie : 100.12 = 13 mm



Interchangeability - STAUBLI RPL

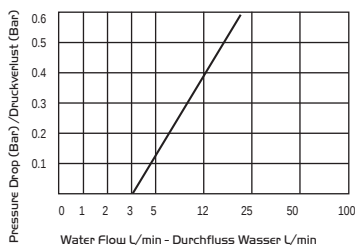
Using Area :

- On mould temperature control connections lines of plastic, zamak, and aluminium injection press.
- On hot oil lines connection
- On hot, cold or chilled water circuits.

100.06



With Valve /



NW : 6
Max. Pressure (Bar) / Betriebsdruck (Bar) : 10
Working Tem. / Temperaturbereich : -15 / + 100 °C

100.08

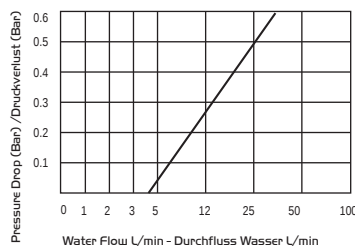


With Valve /

9 balls property secures the coupling and nipple bearing perfectly and also increases the resistance of the contrary pressure



Now
9 Balls

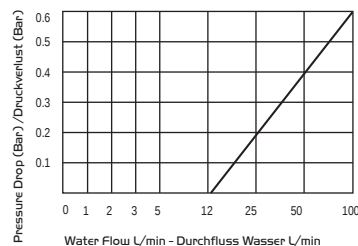


NW : 8.3
Max. Pressure (Bar) / Betriebsdruck (Bar) : 10
Working Tem. / Temperaturbereich : -15 / + 100 °C

100.12



Now
9 Balls



NW : 13
Max. Pressure (Bar) / Betriebsdruck (Bar) : 10
Working Tem. / Temperaturbereich : -15 / + 100 °C

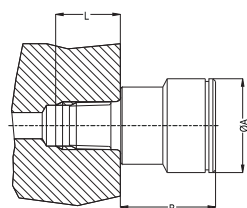


SERIE 100

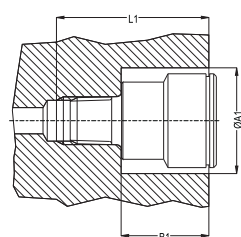
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Assembling Dimensions

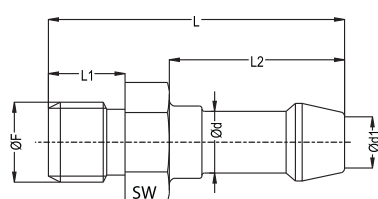


Slightly raised socket



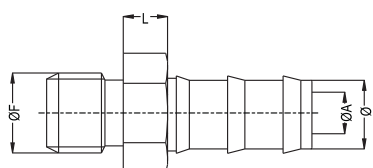
Flush mounted socket

Serie	F Thread Gewinde	Slightly raised socket			Flush mounted socket			Allen SW	Torque Drehmoment (N.m)
		ØA	B	L min.	ØA1 min	B1	L1		
100.06	1/8" BSP	17	20	10	18.5	20.5	29.5	6	15
	1/4" BSP	17	18	13	18.5	18.5	30.5	6	30
	1/8" NPT	17	22	10	18.5	22.5	31.5	1/4"	15
	1/4" NPT	17	20	13.5	18.5	20.5	33	1/4"	30
100.08	1/8" BSP	21	23	10	22.5	24	33	6	15
	1/4" BSP	21	22	12	22.5	23	34	8	30
	3/8" BSP	21	12	13	22.5	13	25	8	30
	1/8" NPT	21	25.5	10	22.5	25.5	35	1/4"	15
100.12	1/4" NPT	21	24	12	22.5	23.5	35.5	5/16"	30
	3/8" NPT	21	14	13	22.5	14	27	5/16"	30
	3/8" BSP	32	29	13	33.5	30	42	10	50
	1/2" BSP	32	10	15	33.5	31	45	14	50
	3/4" BSP	32	15	18	33.5	20	36	14	50
	3/8" NPT	32	33	13	33.5	33	46	3/8"	50
	1/2" NPT	32	35	15	33.5	34.5	51	9/16"	50
	3/4" NPT	32	17.5	18	33.5	17.5	36.5	9/16"	50



Nipple with Rubber Hose

Order No / Bestellnr.	Male Thread Aussengewinde ØF	Hose Inner/ Schlauch ID	d	L	L ₁	L ₂	SW
TAF 10.04	BSP 1/8"	4	3	38	8	23	14
TAF 10.06	BSP 1/8"	6	4	38	8	23	14
TAF 10.08	BSP 1/8"	8	5.5	43	8	28	14
TAF 10.10	BSP 1/8"	10	5.5	43	8	28	14
TAF 13.06	BSP 1/4"	6	4	41	11	28	17
TAF 13.08	BSP 1/4"	8	5.5	46	11	33	17
TAF 13.09	BSP 1/4"	9	6	46	11	33	17
TAF 13.10	BSP 1/4"	10	7	46	11	33	17
TAF 13.13	BSP 1/4"	13	8	51	11	33	17
TAF 17.08	BSP 3/8"	8	5.5	47	12	28	19
TAF 17.10	BSP 3/8"	10	7	47	12	28	19
TAF 17.13	BSP 3/8"	13	9	52	12	33	19
TAF 17.16	BSP 3/8"	16	11	52	12	33	19
TAF 21.13	BSP 1/2"	13	9	54	14	33	23
TAF 21.16	BSP 1/2"	16	11	54	14	33	23
TAF 26.16	BSP 3/4"	16	13	58	16	33	30
TAF 26.19	BSP 3/4"	19	16	58	16	33	30



Push Lock Hose Nipple

Order No / Bestellnr.	F-Ød Connection / Anschlüsse	Ød	Ød1	L
EHF 13-08	BSP 1/4" - Ø 7.7	1/4"	5.5	7
EHF 13-10	BSP 1/4" - Ø 9.7	3/8"	7.5	7
EHF 13-13	BSP 1/4" - Ø 12.7	1/2"	9	8
EHF 17-10	BSP 3/8" - Ø 9.7	3/8"	7	7
EHF 17-13	BSP 3/8" - Ø 12.7	1/2"	9	8
EHF 17-16	BSP 3/8" - Ø 15.9	5/8"	12	8
EHF 21-13	BSP 1/2" - Ø 12.7	1/2"	10	8
EHF 21-16	BSP 1/2" - Ø 15.9	5/8"	12	8
EHF 26-16	BSP 3/4" - Ø 15.9	1/2"	13	10
EHF 26-19	BSP 3/4" - Ø 15.9	3/4"	16	10

PLUGS



SERIE 100.06

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

Interchangeability -
STAUBLI RPL

Temperature Range -
-20°C +100°C (-40°F +250°F)

Working Pressure -
0 - 10 bar (0 - 160 PSI)

Flow capacity -
NW 6

Material - Material
Coupler Body -

: Brass Nickel Plated -

Sleeve -

: Brass Nickel Plated -

Springs -
Locking O-Ring -
Balls -
Seals -
Plug -

: Stainless Steel -
: Stainless Steel -
: Stainless Steel -
: NBR Nitrile (Ni)
: Brass Nickel Plated -

Standard version -

Brass -
NBR Nitrile (Ni)
Nickel plated -
Locking balls 6 units -

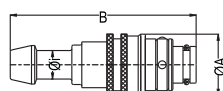
Options -

V - Seal - FPM
E - EPDM Seal -

For optional orders please add the symbol
of your option end of the order no.

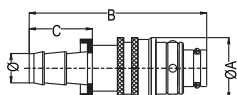
100.06.HG06V

Socket and Plug



Standard hose tail plug

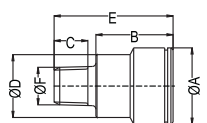
Connection - Anschlüsse	Order No / Bestellnr.	Dimension in / Abmessungen in (mm)	
		A	B
Ø 6 mm 1/4"	100.06 HGF 06	17	32.5
Ø 8 mm 5/16"	100.06 HGF 08	17	32.5



Push-lock hose tail plug

Connection - Anschlüsse	Order No / Bestellnr.	Dimension in / Abmessungen in (mm)	
		A	B
Ø 6 mm 1/4"	100.06 FGF 06	17	32.5
Ø 8 mm 5/16"	100.06 FGF 08	17	32.5
Ø 10 mm 3/8"	100.06 FGF 10	17	32.5

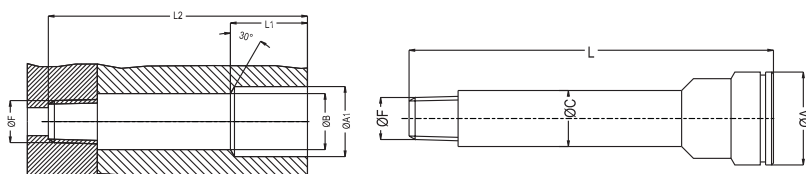
Socket and Plug



Male threaded plug socket

ØF Connection	Order No Without Collar/	Dimension in (mm)					Allen SW
		A	B	C	D	E	
BSPT 1/8"	100.06 RU 10	17	18.5	10	14	28.5	6
BSPT 1/4"	100.06 RU 13	17	18.5	12	14	30.5	6
NPT 1/8"	100.06 TU 10	17	18.5	10	14	28.5	1/4"
NPT 1/4"	100.06 TU 13	17	18.5	12	14	30.5	1/4"
M10x1.0	100.06 EUM 10-1	17	18.5	10	14	30.5	6

Extension (conical threaded version BSPT-NPT) /



Serie	F Thread	L min./max.	Order No - Without Collar	Assembling Sizes						Allen SW	Torque (m.daN)
				LI	L2	ØA	ØAI	ØB	ØC		
100.06	BSPT 1/8"	33/100	100.06-100-R10	20	L-5.5	17	18.5	11	10.2	6	1
100.06	NPT 1/8"	33/100	100.06-100-T10	20	L-5.5	17	18.5	11	10.2	1/4"	1
100.06	M10x1.0	33/100	100.06-100-M10	20	L-5.5	17	18.5	11	10.2	6	1

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 100.08



9 Balls / 20% High Flow -



Standard version -

Brass -
NBR Nitrile (Ni)
Nickel plated -
Locking balls 9 units -

Options -

B - Bleue -
R - Red -
V - FPM Seal -
E - EPDM Seal -

Material -

Coupler Body -

: Brass Nickel Plated -

Sleeve - Hülse

: Brass Nickel Plated -

Springs -

: Stainless Steel -

Locking O-Ring -

: Stainless Steel -

Balls -

: Stainless Steel -

Seals -

: NBR Nitrile (Ni)

Plug -

: Brass Nickel Plated -

Interchangeability -

STAUBLI RPL

Temperature Range -

-20°C +100°C (-40°F +250°F)

Working Pressure -

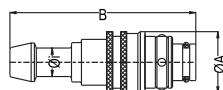
0 - 10 bar (0 - 160 PSI)

Flow capacity -

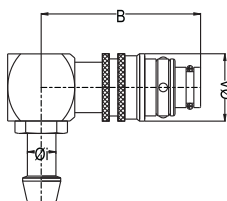
NW 8.3

For optional orders please add the symbol of your option end of the order no

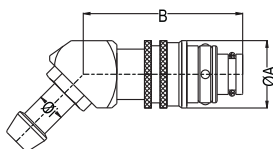
Plug
Stecker



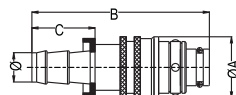
Standard hose tail plug



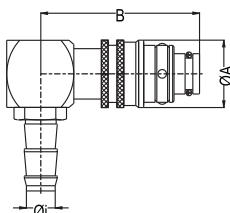
Standard hose tail plug 90°



Standard hose tail plug 135°



Push-lock hose tail plug



Push-lock hose tail plug 90°

Connection - Ø		Order No /	Dimension in / A		
			A	B	C
Ø 6 mm	1/4"	100.08 HGF 06	20	37.5	
Ø 8 mm	5/16"	100.08 HGF 08	20	37.5	
Ø 10 mm	3/8"	100.08 HGF 10	20	37.5	
Ø 12 mm	15/32"	100.08 HGF 12	20	37.5	
Ø 13 mm	1/2"	100.08 HGF 13	20	37.5	
Ø 6 mm	1/4"	100.08 HGF 06-90°	20	45.5	
Ø 8 mm	5/16"	100.08 HGF 08-90°	20	45.5	
Ø 10 mm	3/8"	100.08 HGF 10-90°	20	45.5	
Ø 12 mm	15/32"	100.08 HGF 12-90°	20	45.5	
Ø 13 mm	1/2"	100.08 HGF 13-90°	20	45.5	
Ø 6 mm	1/4"	100.08 HGF 06-135°	20	47.5	
Ø 8 mm	5/16"	100.08 HGF 08-135°	20	47.5	
Ø 10 mm	3/8"	100.08 HGF 10-135°	20	47.5	
Ø 12 mm	15/32"	100.08 HGF 12-135°	20	47.5	
Ø 13 mm	1/2"	100.08 HGF 13-135°	20	47.5	
Ø 10 mm	3/8"	100.08 FGF 10	20	37	
Ø 13 mm	1/2"	100.08 FGF 13	20	40	
Ø 10 mm	3/8"	100.08 FGF 10-90°	20	45.5	
Ø 13 mm	1/2"	100.08 FGF 13-90°	20	45.5	

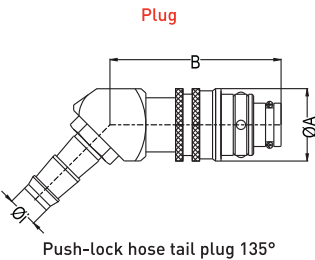


SERIE 100.08

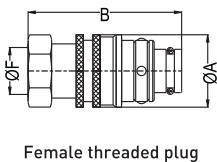
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



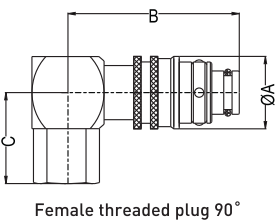
9 Balls / 20% High Flow -



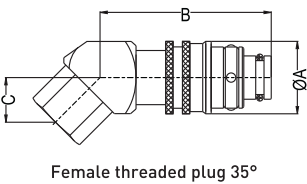
Connection - Ø		Order No	Dimension in		
			A	B	C
Ø 10 mm	3/8"	100.08 FGF 10-135°	20	47.5	
Ø 13 mm	1/2"	100.08 FGF 13-135°	20	47.5	



BSP 1/4"	100.08 DGF 13	20	43	
BSP 3/8"	100.08 DGF 17	20	52	
NPT 1/4"	100.08 NGF 13	20	43	
NPT 3/8"	100.08 NGF 17	20	52	

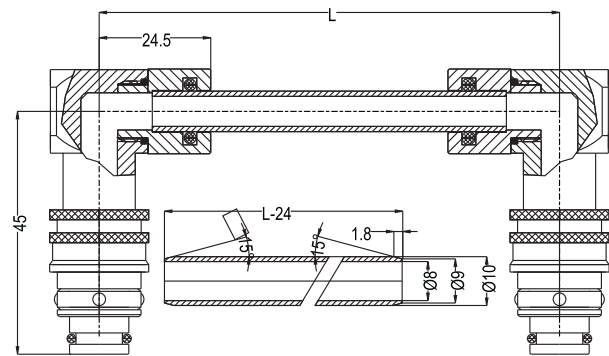


BSP 1/4"	100.08 DGF 13-90°	20	45.5	24
BSP 3/8"	100.08 DGF 17-90°	20	45.5	24
NPT 1/4"	100.08 NGF 13-90°	20	45.5	27
NPT 3/8"	100.08 NGF 17-90°	20	45.5	27



BSP 1/4"	100.08 DGF 13-135°	20	47.5	17
BSP 3/8"	100.08 DGF 17-135°	20	47.5	17
NPT 1/4"	100.08 NGF 13-135°	20	47.5	20
NPT 3/8"	100.08 NGF 17-135°	20	47.5	20

Diverting connector(For100.08)



Order No	L	L-24
100.08 - KG 125	125	101
100.08 - KG 250	250	226
100.08 - KG 500	500	476

Brass Tube PB 10x1 / Messingrohr PB 10x1

100.08 KG 00

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 100.08



9 Balls / With Valve



Standard version -

Brass -
NBR Nitrile (Ni)
Nickel plated -
Locking balls 9 units -

Options - Optionen

B - Bleue -
R - Red -
V - FPM Seal -
E - EPDM Seal -

Material -

Coupler Body -

: Brass Nickel Plated -

Sleeve -

: Brass Nickel Plated -

Springs -

: Stainless Steel -

Locking O-Ring -

: Stainless Steel -

Balls -

: Stainless Steel -

Seals -

: NBR Nitrile (Ni)

Plug -

: Brass Nickel Plated -

Interchangeability -

STAUBLI RPL

Temperature Range -

-20°C +100°C (-40°F +250°F)

Working Pressure -

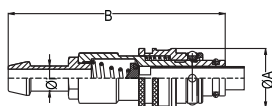
0 - 10 bar (0 - 160 PSI)

Flow capacity -

NW 8.3

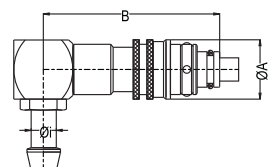
For optional orders please add the symbol of your option end of the order no.

Plug



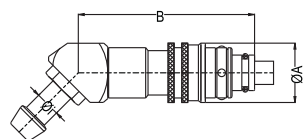
Standard hose tail plug with valve

Connection -	Order No /	Dimension in		
		A	B	C
Ø 6 mm 1/4"	100.08 HGB 06	20	59	
Ø 8 mm 5/16"	100.08 HGB 08	20	59	
Ø 10 mm 3/8"	100.08 HGB 10	20	59	
Ø 12 mm 15/32"	100.08 HGB 12	20	59	
Ø 13 mm 1/2"	100.08 HGB 13	20	59	



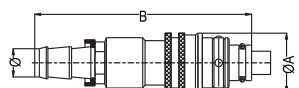
Standard hose tail plug with valve 90°

Ø 6 mm 1/4"	100.08 HGB 06-90°	20	64	
Ø 8 mm 5/16"	100.08 HGB 08-90°	20	64	
Ø 10 mm 3/8"	100.08 HGB 10-90°	20	64	
Ø 12 mm 15/32"	100.08 HGB 12-90°	20	64	
Ø 13 mm 1/2"	100.08 HGB 13-90°	20	64	



Standard hose tail plug with valve 135°

Ø 6 mm 1/4"	100.08 HGB 06-135°	20	64	
Ø 8 mm 5/16"	100.08 HGB 08-135°	20	64	
Ø 10 mm 3/8"	100.08 HGB 10-135°	20	64	
Ø 12 mm 15/32"	100.08 HGB 12-135°	20	64	
Ø 13 mm 1/2"	100.08 HGB 13-135°	20	64	



Push-lock hose tail plug with valve Stecker mit

Ø 10 mm 3/8"	100.08 FGB 10	20	59	
Ø 13 mm 1/2"	100.08 FGB 13	20	59	



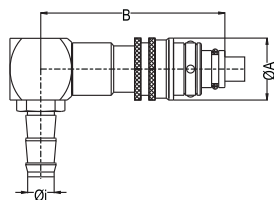
SERIE 100.08

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

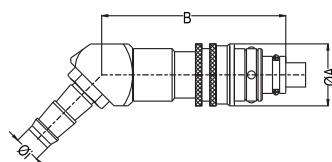


9 Balls / With Valve

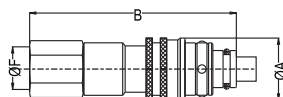
Plug



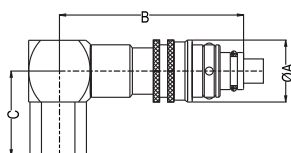
Push-lock hose tail plug with valve 90°



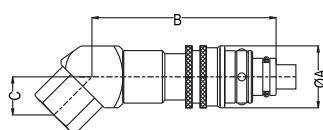
Push-lock hose tail plug with valve 135°



Female threaded plug with valve



Female threaded plug with valve 90°



Female threaded plug with valve 135°

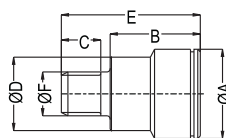
Connection - Ø		Order No	Dimension in		
			A	B	C
Ø 10 mm	3/8"	100.08 FGB 10-90°	20	64	
Ø 13 mm	1/2"	100.08 FGB 13-90°	20	64	
Ø 10 mm	3/8"	100.08 FGB 10-135°	20	64	
Ø 13 mm	1/2"	100.08 FGB 13-135°	20	64	
BSP 1/4"		100.08 DGB 13	20	57	
BSP 3/8"		100.08 DGB 17	20	57	
NPT 1/4"		100.08 NGB 13	20	60	
NPT 3/8"		100.08 NGB 17	20	60	
BSP 1/4"		100.08 DGB 13-90°	20	54	24
BSP 3/8"		100.08 DGB 17-90°	20	54	24
NPT 1/4"		100.08 NGB 13-90°	20	54	27
NPT 3/8"		100.08 NGB 17-90°	20	54	27
BSP 1/4"		100.08 DGB 13-135°	20	54	17
BSP 3/8"		100.08 DGB 17-135°	20	54	17
NPT 1/4"		100.08 NGB 13-135°	20	54	20
NPT 3/8"		100.08 NGB 17-135°	20	54	20

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

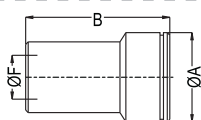
SERIE 100.08



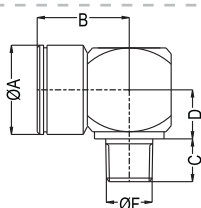
Socket



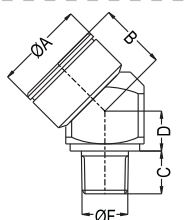
Male threaded socket



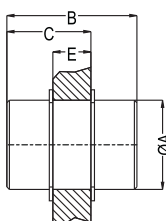
Female threaded socket



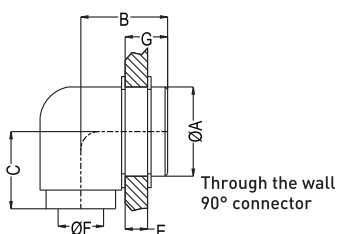
Male threaded Socket 90°



Male threaded socket 135°



Through the wall straight connector



Through the wall 90° connector

Ø Connection	Order No / Without Collar	Dimension in /					
		A	B	C	D	E	SW
BSPT 1/8"	100.08 RU 10	21	21	8	17.5	31	6
BSPT 1/4"	100.08 RU 13	21	21	10	17.5	33	8
BSPT 3/8"	100.08 RU 17	21	11	11	17.5	24	8
NPT 1/8"	100.08 TU 10	21	21	7	17.5	31	1/4"
NPT 1/4"	100.08 TU 13	21	21	11	17.5	33	5/16"
NPT 3/8"	100.08 TU 17	21	11	11	17.5	24	5/16"
M10x1.0	100.08 EUM 10-1	21	21	10	17.5	31	6
M10x1.5	100.08 EUM 10	21	21	20	17.5	31	6
M10x1.5	100.08 EUM 14	21	21	11	17.5	31	8
BSP 1/8"	100.08 DU 10	21	39				8
BSP 1/4"	100.08 DU 13	21	39				8
NPT 1/8"	100.08 NU 10	21	39				5/16"
NPT 1/4"	100.08 NU 13	21	39				5/16"
BSPT 1/8"	100.08 RU 10-90°	21	33	24			20
BSPT 1/4"	100.08 RU 13-90°	21	33	24			20
BSPT 3/8"	100.08 RU 17-90°	21	33	24			20
NPT 1/4"	100.08 TU 13-90°	21	21	11			20
BSPT 1/8"	100.08 RU 10-135°	21	33	24			20
BSPT 1/4"	100.08 RU 13-135°	21	33	24			20
BSPT 3/8"	100.08 RU 17-135°	21	33	24			20
NPT 1/4"	100.08 TU 13-135°	21	21	11			20
	100.08 PU 00	22	35	23		10 MAX.	
BSP 1/4"	100.08 PU 13-90°	22	22	21		10 MAX.	

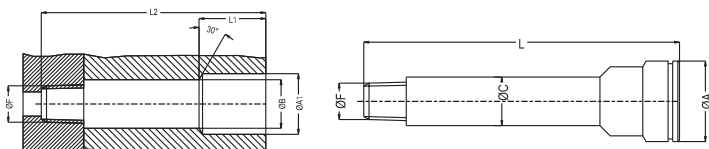


SERIE 100.08

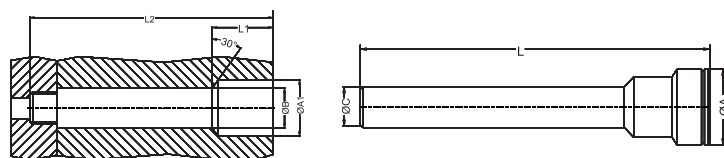
COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS



Extension (conical threaded version BSPT-NPT)
Verlängerungsbuchse (konisches Gewinde BSPT-NPT)



Serie	F Thread	L min./max.	Order No / Without Collar	Assembling Sizes /						Allen SW	Torque Drehmoment (m/daN)
				LI	L2	ØA	ØAI	ØB	ØC		
100.08 BSPT	BSPT 1/8"	33/100	100.08-100 R10	23	L-5.5	21	22	11	10.2	6	1
	BSPT 1/8"	100/150	100.08-150 R10	23	L-5.5	21	22	11	10.2	6	1
	BSPT 1/8"	150/200	100.08-200 R10	23	L-5.5	21	22	11	10.2	6	1
	BSPT 1/8"	200/250	100.08-250 R10	23	L-5.5	21	22	11	10.2	6	1
100.08 NPT	NPT 1/8"	33/100	100.08-100 T10	23	L-5.5	21	22	11	10.2	1/4'	1
	NPT 1/8"	100/150	100.08-150 T10	23	L-5.5	21	22	11	10.2	1/4'	1
	NPT 1/8"	150/200	100.08-200 T10	23	L-5.5	21	22	11	10.2	1/4'	1
	NPT 1/8"	200/250	100.08-250 T10	23	L-5.5	21	22	11	10.2	1/4'	1
100.08 BSPT	BSPT 1/4"	33/100	100.08-100 R13	23	L-7.5	21	22	14	13.5	8	3
	BSPT 1/4"	100/150	100.08-150 R13	23	L-7.5	21	22	14	13.5	8	3
	BSPT 1/4"	150/200	100.08-200 R13	23	L-7.5	21	22	14	13.5	8	3
	BSPT 1/4"	200/250	100.08-250 R13	23	L-7.5	21	22	14	13.5	8	3
100.08 NPT	NPT 1/4"	33/100	100.08-100 T13	23	L-5.5	21	22	11	10.2	1/4'	1
	NPT 1/4"	100/150	100.08-150 T13	23	L-5.5	21	22	11	10.2	1/4'	1
	NPT 1/4"	150/200	100.08-200 T13	23	L-5.5	21	22	11	10.2	1/4'	1
	NPT 1/4"	200/250	100.08-250 T13	23	L-5.5	21	22	11	10.2	1/4'	1



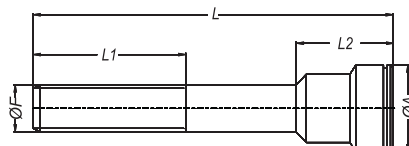
Serie	ØC	L	Order No / Without Collar	Assembling Sizes /					Allen SW
				LI	L2	ØA	ØAI	ØB	
100.08	10.2	50	100.08-10 BU 50	23	L-5.5	21	22	11	6
	10.2	100	100.08-10 BU 100	23	L-5.5	21	22	11	6
	10.2	150	100.08-10 BU 150	23	L-5.5	21	22	11	6
	10.2	200	100.08-10 BU 200	23	L-5.5	21	22	11	6
100.08	13.5	50	100.08-10 BU 50	23	L-7.5	21	22	14	8
	13.5	100	100.08-10 BU 100	23	L-7.5	21	22	14	8
	13.5	150	100.08-10 BU 150	23	L-7.5	21	22	14	8
	13.5	200	100.08-10 BU 200	23	L-7.5	21	22	14	8
	13.5	250	100.08-10 BU 250	23	L-7.5	21	22	14	8

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 100.08

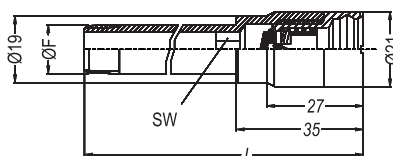


Extension (cylindrical BSP threaded version)



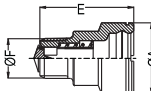
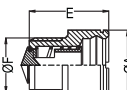
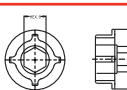
Serie	F Thread	L min./max.	Order No / Without Collar	Assembling Sizes			Allen SW
				L1	L2	ØA	
100.08	BSP 1/8"	50	100.08-50 RF10	26	21	21	6
	BSP 1/8"	100	100.08-100 RF10	60	21	21	6
	BSP 1/8"	150	100.08-150 RF10	60	21	21	6
100.08	BSP 1/4"	50	100.08-50 RF13	6.5	21	21	8
	BSP 1/4"	100	100.08-100 RF13	60	21	21	8
	BSP 1/4"	150	100.08-150 RF13	60	21	21	8
	BSP 1/4"	200	100.08-200 RF13	60	21	21	8

Male Threaded Extension Shut-off Plugs



Serie	F Thread	L min./max.	Order No / Without Collar	Assembling Sizes			Allen SW
				L1	L2	ØA	
100.08	BSP 1/8"	50	100.08-50 EUB10	32	L-5.5	22	6
	BSP 1/8"	100	100.08-100 EUB10	32	L-5.5	22	6
	BSP 1/8"	150	100.08-150 EUB10	32	L-5.5	22	6
100.08	BSPT 1/8"	50	100.08-50 RUB10	32	L-5.5	22	6
	BSPT 1/8"	100	100.08-100 RUB10	32	L-5.5	22	6
	BSPT 1/8"	150	100.08-150 RUB10	32	L-5.5	22	6
100.08	BSP 1/4"	50	100.08-50 EUB13	32	L-5.5	22	6
	BSP 1/4"	100	100.08-100 EUB13	32	L-5.5	22	6
	BSP 1/4"	150	100.08-150 EUB13	32	L-5.5	22	6
	BSP 1/4"	200	100.08-200 EUB13	32	L-5.5	22	6
100.08	BSPT 1/4"	50	100.08-50 RUB13	32	L-5.5	22	6
	BSPT 1/4"	100	100.08-100 RUB13	32	L-5.5	22	6
	BSPT 1/4"	150	100.08-150 RUB13	32	L-5.5	22	6
	BSPT 1/4"	200	100.08-200 RUB13	32	L-5.5	22	6

Male Threaded Shut-off Socket (100.08)

	Connection Anschlüsse	Order No - Without Collar - Ohne Ring	Dimensions in (mm)	
			ØA	L
Male thread socket with valve 	1/4"	100.08 EUB 13	21	36
Male thread socket with valve 	3/8"	100.08 EUB 17	21	28.5
Assembling apparatus 		100.08 EUB 00		



SERIE 100.12

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



Interchangeability -
STAUBLI RPL

Temperature Range -
-20°C +100°C (-40°F +250°F)

Working Pressure -
0 - 10 bar (0 - 160 PSI)

Flow capacity -
NW 13

Material -
Coupler Body -

: Brass Nickel Plated -

Sleeve -

: Brass Nickel Plated -

Springs -
Locking O-Ring -
Balls -
Seals -

: Stainless Steel -
: Stainless Steel -
: Stainless Steel -
: NBR Nitrile (Ni)

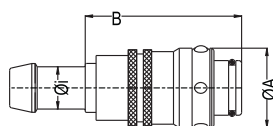
Standard version -
Brass - Messing
NBR Nitrile (Ni)
Nickel plated -
Locking balls 9 units -

Options -
B- Bleue -
R- Red -
V - FPM Seal -
E - EPDM Seal

For optional orders please add the symbol of your option end of the order no.

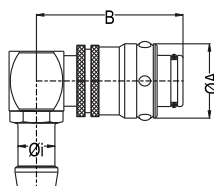
100.08.HG08V)

Plug /



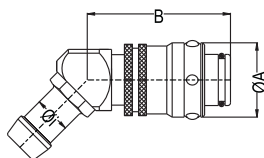
Standard hose tail plug

ØF / Ø i Connection -		Order No /	Dimension in (mm)	
			A	B
Ø 13 mm	1/2"	100.12 HGF 13	28	44
Ø 16 mm	5/8"	100.12 HGF 16	28	44



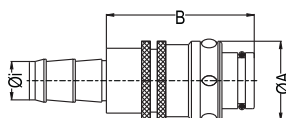
Standard hose tail plug 90°

Ø 13 mm	1/2"	100.12 HGF 13-90°	28	54
Ø 16 mm	5/8"	100.12 HGF 16-90°	28	54



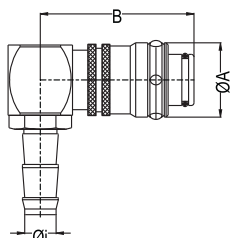
Standard hose tail plug 135°

Ø 13 mm	1/2"	100.12 HGF 13-135°	28	54
Ø 16 mm	5/8"	100.12 HGF 16-135°	28	54



Push-lock hose tail plug

Ø 13 mm	1/2"	100.12 FGF 13	28	44
Ø 16 mm	5/8"	100.12 FGF 16	28	44



Push-lock hose tail plug 90°

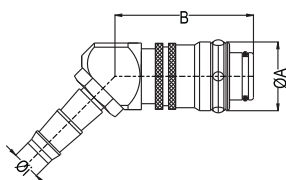
Ø 13 mm	1/2"	100.12 FGF 13-90°	28	54
Ø 16 mm	5/8"	100.12 FGF 16-90°	28	54

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

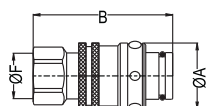
SERIE 100.12



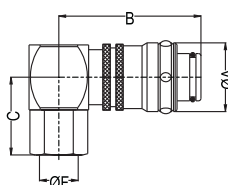
Plug /



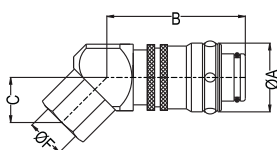
Push-lock hose tail plug 135°



Female threaded plug



Female threaded plug 90°



Female threaded plug 135°

ØF / Øi
Connection -

Order No

Dimension in (mm)

A B C / SW

Ø 13 mm 1/2"

100.12 FGF 13-135°

28

54

Ø 16 mm 5/8"

100.12 FGF 16-135°

28

54

BSP 1/2"

100.12 DGF 21

28

60

24

NPT1/2"

100.12 NGF 21

28

62

24

BSP 3/4"

100.12 DGF 26

28

70

35

NPT 3/4"

100.12 NGF 26

28

70

35

BSP 3/8"

100.12 DGF 17-90°

28

54

29

NPT3/8"

100.12 NGF 17-90°

28

54

29

BSP 1/2"

100.12 DGF 21-90°

28

54

35

NPT 1/2"

100.12 NGF 21-90°

28

54

35

BSP 3/8"

100.12 DGF 17-135°

28

54

10

NPT3/8"

100.12 NGF 17-135°

28

54

10

BSP 1/2"

100.12 DGF 21-135°

28

54

16

NPT 1/2"

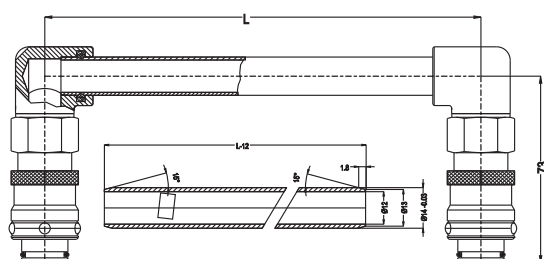
100.12 NGF 21-135°

28

54

16

Diverting connector (For 100.12)



Order No /

L

L-24

100.12 - KG 125

125

90

100.12 - KG 250

250

250

100.12 - KG 500

500

470



SERIE 100.12

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



9 Balls
With Valve /

Interchangeability -
STAUBLI RPL

Temperature Range -
-20°C +100°C (-40°F +250°F)

Working Pressure -
0 - 10 bar (0 - 160 PSI)

Flow capacity -
NW 13

Material - Material
Coupler Body -

: Brass Nickel Plated -

Sleeve -

: Brass Nickel Plated -

Springs -
Locking O-Ring -
Balls -
Seals -

: Stainless Steel -
: Stainless Steel -
: Stainless Steel -
: NBR Nitrile (Ni)

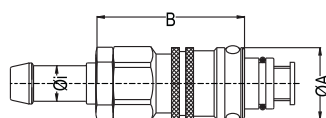
Standard version -
Brass - Messing
NBR Nitrile (Ni)
Nickel plated -
Locking balls 9 units -

Options -
B- Bleue -
R- Red -
V - FPM Seal -
E - EPDM Seal -

For optional orders please add the symbol
of your option end of the order no.

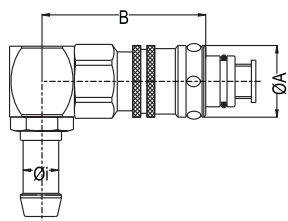
100.12.HGB10V

Plug /



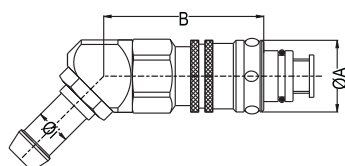
Standard hose tail plug with valve

Connection -	ØF / Ø i	Order No /	Dimension in /	
			A	B
Ø 13 mm	1/2"	100.12 HGB 13	28	65
Ø 16 mm	5/8"	100.12 HGB 16	28	65



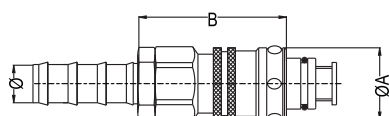
Standard hose tail plug with valve 90°

Ø 13 mm	1/2"	100.12 HGB 13-90°	28	70
Ø 16 mm	5/8"	100.12 HGB 16-90°	28	70



Standard hose tail plug with valve 135°

Ø 13 mm	1/2"	100.12 HGB 13-135°	28	70
Ø 16 mm	5/8"	100.12 HGB 16-135°	28	70



Push-lock hose tail plug with valve Stecker mit

Ø 13 mm	1/2"	100.12 FGB 13	28	65
Ø 16 mm	5/8"	100.12 FGB 16	28	65

Project

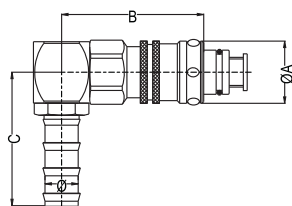
COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

SERIE 100.12

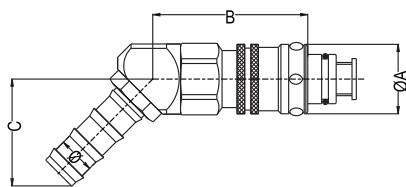
9 Balls
With Valve /



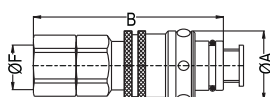
Plug / Stecker



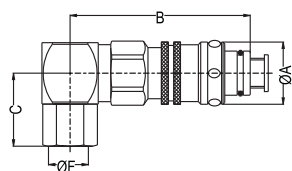
Push-lock hose tail plug with valve 90°



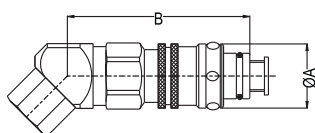
Push-lock hose tail plug with valve 135°



Female threaded plug with Valve
Stecker mit Innengewinde und Ventil



Female threaded plug with Valve 90



Female threaded plug with Valve 135°

ØF / Øi		Order No /	Dimension in			(mm)
Connection -			A	B	C	
Ø 13 mm	1/2"	100.12 FGB 13-90°	28	70		
Ø 16 mm	5/8"	100.12 FGB 16-90°	28	70		
Ø 13 mm	3/8"	100.12 FGB 13-135°	28	70		
Ø 16 mm	1/2"	100.12 FGB 16-135°	28	70		
BSP	1/2"	100.12 DGB 21	28	80		
NPT	1/2"	100.12 NGB 21	28	80		
BSP	3/8"	100.12 DGB 17-90°	28	70	29	
NPT	3/8"	100.12 NGB 17-90°	28	70	29	
BSP	1/2"	100.12 DGB 21-90°	28	70	29	
NPT	1/2"	100.12 NGB 21-90°	28	70	29	
BSP	3/8"	100.12 DGB 17-135°	28	54	10	
NPT	3/8"	100.12 NGB 17-135°	28	54	10	
BSP	1/2"	100.12 DGB 21-135°	28	54	16	
NPT	1/2"	100.12 NGB 21-135°	28	54	16	



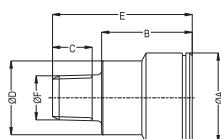
SERIE 100.12

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

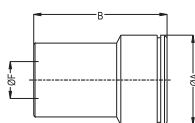


Options
B - Bleue
R - Red
V - Seal
E - EPDM Seal

Socket

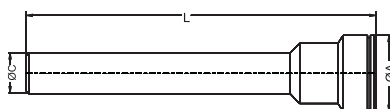
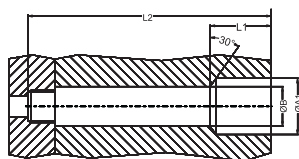


F Thread	Order No Without Collar	Assembling Sizes					Allen SW
		A	B	C	D	E	
BSPT 3/8"	100.12 RU 17	32	28	11	25	41	10
BSPT 1/2"	100.12 RU 21	32	28	16	25	44	14
BSPT 3/4"	100.12 RU 26	32	13	14		32	14
NPT 3/8"	100.12 TU 17	32	28	11	25	41	3/8"
NPT 1/2"	100.12 TU 21	32	28	14	25	44	9/16"
NPT 3/4"	100.12 TU 26	32	13	14		32	9/16"



BSP 3/8"	100.12 DU 17	32	49				12
BSP 1/2"	100.12 DU 21	32	50				12

Extension Plug (Smooth version)



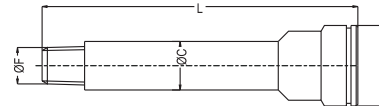
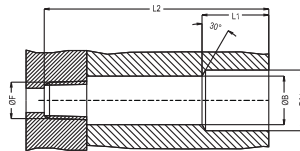
Serie	ØC	L	Order No Without Collar	Assembling Sizes					SW
				LI	L2	ØA	ØAI	ØB	
100.12	17.2	50	100.12-17 BU 50	41	L-8.5	32	33	18	14
	17.2	100	100.12-17 BU 100	41	L-8.5	32	33	18	14
	17.2	150	100.12-17 BU 150	41	L-8.5	32	33	18	14
	17.2	200	100.12-17 BU 200	41	L-8.5	32	33	18	14
	17.2	250	100.12-17 BU 250	41	L-8.5	32	33	18	14
100.12	21.3	50	100.12-21 BU 50	43	L-11.5	32	33	22	14
	21.3	100	100.12-21 BU 100	43	L-11.5	32	33	22	14
	21.3	150	100.12-21 BU 150	43	L-11.5	32	33	22	14
	21.3	200	100.12-21 BU 200	43	L-11.5	32	33	22	14
	21.3	250	100.12-21 BU 250	43	L-11.5	32	33	22	14

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 100.12



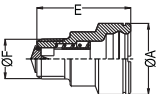
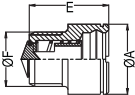
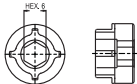
Extension (conical threaded version BSPT-NPT)

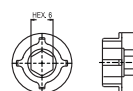
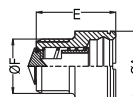
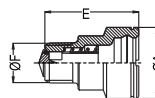


Serie	F Thread	L min./max.	Order No	Assembling Sizes						Allen SW	Torque Drehmoment (m/daN)
				Without Collar	L1	L2	ØA	ØA1	ØB	ØC	
100.12 BSPT	BSPT 3/8"	56/100	100.12-100 R17	43	L-8.5	32	33	18	17.2	14	3
	BSPT 3/8"	100/150	100.12-150 R17	43	L-8.5	32	33	18	17.2	14	3
	BSPT 3/8"	150/200	100.12-200 R17	43	L-8.5	32	33	18	17.2	14	3
	BSPT 3/8"	200/250	100.12-250 R17	43	L-8.5	32	33	18	17.2	14	3
100.12 NPT	NPT 3/8"	56/100	100.12-100 T17	43	L-8.5	32	33	18	17.2	3/8"	3
	NPT 3/8"	100/150	100.12-150 T17	43	L-8.5	32	33	18	17.2	3/8"	3
	NPT 3/8"	150/200	100.12-200 T17	43	L-8.5	32	33	18	17.2	3/8"	3
	NPT 3/8"	200/250	100.12-250 T17	43	L-8.5	32	33	18	17.2	3/8"	3
100.12 BSPT	BSPT 1/2"	56/100	100.12-100 R21	45	L-11.5	32	33	22	21.3	14	5
	BSPT 1/2"	100/150	100.12-150 R21	45	L-11.5	32	33	22	21.3	14	5
	BSPT 1/2"	150/200	100.12-200 R21	45	L-11.5	32	33	22	21.3	14	5
	BSPT 1/2"	200/250	100.12-250 R21	45	L-11.5	32	33	22	21.3	14	5
100.12 NPT	NPT 1/2"	56/100	100.12-100 T21	45	L-11.5	32	33	22	21.3	9/16"	5
	NPT 1/2"	100/150	100.12-150 T21	45	L-11.5	32	33	22	21.3	9/16"	5
	NPT 1/2"	150/200	100.12-200 T21	45	L-11.5	32	33	22	21.3	9/16"	5
	NPT 1/2"	200/250	100.12-250 T21	45	L-11.5	32	33	22	21.3	9/16"	5

Male Threaded socket with Valve (100 12)



t with Valve (100 12)		Connection ØF	Order No -		Dimensions in (mm)		
			Without Collar -		ØA	ØD	L
Male thread socket with valve		BSP 3/8"	100.12 EUB 17	32	24	40.5	
		BSP 1/2"	100.12 EUB 21	32	24	42.5	
		BSP 3/4"	100.12 EUB 26	32	30	38.5	
Male thread socket with valve		BSP 1/2"	100.12 DUB 21	32		62	
		BSP 3/4"	100.12 DUB 26	32		62	
Assembling apparatus			100.12 EUB 00				



COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 101



Interchangeability Staubli RMI Series

QUICK COUPLINGS FOR MOULD AND GENERAL INDUSTRY

For plastic injection moulding,
heat transfer fluids and all industrial
applications

Technical Specification:

Single or double shut-off
101.16 plug body manufactured from
stainless steel and hardened
101.20 - 101.25 - 101.38 plug body
manufactured from stainless steel
The O-ring for all 101 serie couplers
are Fluorocarbon FPM (V).

Using Area :

- On cooling system of plastic zamak
and aluminium injection molds
- On mould temperature control lines
of thermoplastic injection moulding
- On water cooling circuit of welding machines
- On cleaning and washing systems of machines
- On hot oil lines connections
- All industries
- On steam lines

101





SERIE 101

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



QUICK COUPLINGS FOR MOULD AND GENERAL INDUSTRY

101.06

101.09

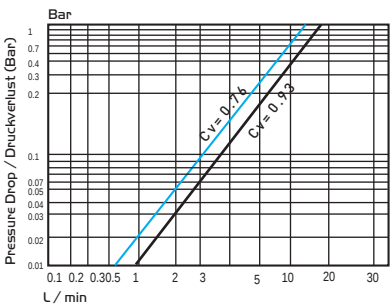
Interchangeability / Staubli RMI 06

Material - Material

- Coupler Body - : Brass -
- Sleeve - : Stainless Steel - (AISI 420)
- Valve - : Brass -
- Springs - : Stainless Steel -
- Balls - : Stainless Steel -
- Seals - : Fluorocarbon FPM (V)
- Plug - : Brass Nickel Plated -



Ø Nominal - Nennweite (mm)	6
Working Pressure - Betriebsdruck (bar)	16
Cross section - Querschnitt (mm ²)	28.3
Number of the Balls - Anzahl der Kugeln	6
Working Temperature - Betriebstemperatur	V - Viton (FPM) -10°C +200°C E - Ethylene Prop. (EPDM) -20°C +150°C Ni - Nitrile (NBR) -15°C +100°C
Flowing - Ausführung	Single Shut-Off Double Shut-Off Full Flow



Double Shut-off / Beideseitig absperrend
Single Shut-off / Einseitig absperrend

Flow direction - Flußrichtung : Plug to socket - von Stecker zu Kupplung
Oil Viscosity at - Öl Viskosität 40° : C:13.4 cst

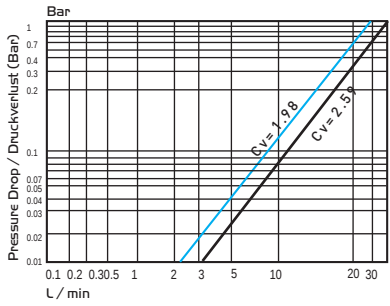
Interchangeability / Staubli RMI 09

Material - Material

- Coupler Body - : Brass -
- Sleeve - : Stainless Steel (AISI 420)
- Valve - : Brass -
- Springs - : Stainless Steel -
- Balls - : Stainless Steel -
- Seals - : Fluorocarbon FPM (V)
- Plug Body- : Brass Nickel Plated -



Ø Nominal - Nennweite (mm)	9
Working Pressure - Betriebsdruck (bar)	16
Cross section - Querschnitt (mm ²)	63.9
Number of the Balls - Anzahl der Kugeln	6
Working Temperature - Betriebstemperatur	V - Viton (FPM) -10°C +200°C E - Ethylene Prop. (EPDM) -20°C +150°C Ni - Nitrile (NBR) -15°C +100°C
Flowing - Ausführung	Single Shut-Off Double Shut-Off Full Flow



Double Shut-off / Beideseitig absperrend
Single Shut-off / Einseitig absperrend

Flow direction - Flußrichtung : Plug to socket - von Stecker zu Kupplung
Oil Viscosity at - Öl Viskosität 40° : C:13.4 cst

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 101



QUICK COUPLINGS FOR MOULD AND GENERAL INDUSTRY

101.12

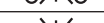
Interchangeability / Staubli RMI 12

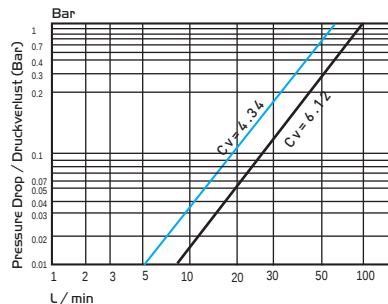
Material - Material

Coupler Body -

Sleeve -	: Brass -
Valve -	: Stainless Steel - (AISI 420)
Springs	: Brass -
Balls -	: Stainless Steel -
Seals -	: Stainless Steel -
Plug -	: Fluorocarbon FPM (V)
	: Brass Nickel Plated -



Ø Nominal - Nennweite (mm)	12
Working Pressure - Betriebsdruck (bar)	16
Cross section - Querschnitt (mm ²)	113
Number of the Balls - Anzahl der Kugeln	6
Working Temperature - Betriebstemperatur	V - Viton (FPM) -10°C +200°C
	E - Ethylene Prop. (EPDM) -20°C +150°C
	Ni - Nitrile (NBR) -15°C +100°C
Flowing - Ausführung	Single Shut-Off - 
	Double Shut-Off - 
	Full Flow - 



— Double Shut-off / Beideseitig absperrend
— Single Shut-off / Einseitig absperrend

Flow direction - Flußrichtung : Plug to socket - von Stecker zu Kupplung
Oil Viscosity at - Öl Viskosität 40° : C:13.4 cst

101.16

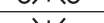
Interchangeability / Staubli RMI 16

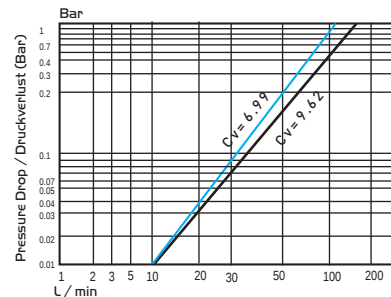
Material - Material

Coupler Body -

Sleeve -	: Brass -
Valve -	: Stainless Steel - (AISI 420)
Springs	: Brass -
Balls -	: Stainless Steel -
Seals -	: Stainless Steel -
Plug Body-	: Fluorocarbon FPM (V)
	: Stainless Steel - (AISI 420)



Ø Nominal - Nennweite (mm)	16
Working Pressure - Betriebsdruck (bar)	16
Cross section - Querschnitt (mm ²)	201
Number of the Balls - Anzahl der Kugeln	12
Working Temperature - Betriebstemperatur	V - Viton (FPM) -10°C +200°C
	E - Ethylene Prop. (EPDM) -20°C +150°C
	Ni - Nitrile (NBR) -15°C +100°C
Flowing - Ausführung	Single Shut-Off - 
	Double Shut-Off - 
	Full Flow - 



— Double Shut-off / Beideseitig absperrend
— Single Shut-off / Einseitig absperrend

Flow direction - Flußrichtung : Plug to socket - von Stecker zu Kupplung
Oil Viscosity at - Öl Viskosität 40° : C:13.4 cst

SERIE 101

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS



QUICK COUPLINGS FOR MOULD AND GENERAL INDUSTRY

• 101.20 101.25

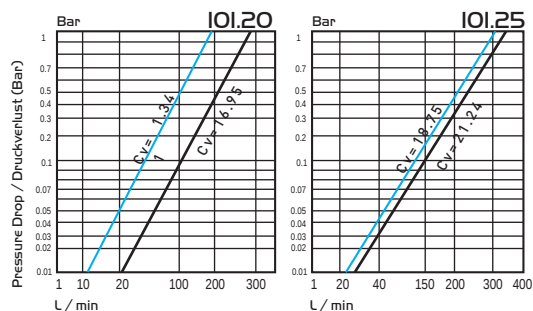
Interchangeability / Staubli RMI 20-25

Material - Material

Coupler Body -	: Brass Nickel Plated -
Sleeve -	: Stainless Steel - (AISI 420)
Valve -	: Brass Nickel Plated -
Springs	: Stainless Steel -
Balls -	: Stainless Steel -
Seals -	: Fluorocarbon FPM (V)
Plug -	: Stainless Steel - AISI 420) (



Ø Nominal - Nennweite (mm)	20	25
Working Pressure - Betriebsdruck (bar)	16	16
Cross section - Querschnitt (mm ²)	314	314
Number of the Balls - Anzahl der Kugeln	12	12
Working Temperature - Betriebstemperatur	V - Viton (FPM)	-10°C +200°C
	E - Ethylene Prop. (EPDM)	-20°C +150°C
	Ni - Nitrile (NBR)	-15°C +100°C
Flowing - Ausführung	Single Shut-Off	—○—○—
	Double Shut-Off	—○—○—○—○—
	Full Flow	—→→→→→



— Double Shut-off / Beidseitig absperrend
— Single Shut-off / Einseitig absperrend

Flow direction - Flußrichtung : Plug to socket - von Stecker zu Kupplung
Oil Viscosity at - Öl Viskosität 40° : C:13.4 cst

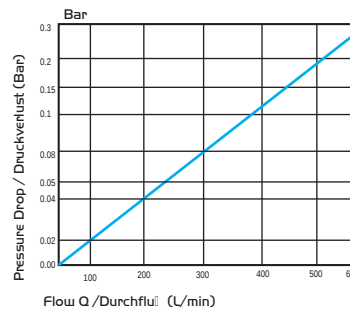
• 101.38

Material -

Coupler Body -	: Brass Nickel Plated -
Sleeve -	: Stainless Steel - (AISI 420)
Valve -	: Brass Nickel Plated -
Springs	: Stainless Steel -
Balls -	: Stainless Steel -
Seals -	: Fluorocarbon FPM (V)
Plug Body-	: Stainless Steel - (AISI 420)



Ø Nominal - Nennweite (mm)	38
Working Pressure - Betriebsdruck (bar)	16
Cross section - Querschnitt (mm ²)	1130
Number of the Balls - Anzahl der Kugeln	14
Working Temperature - Betriebstemperatur	V - Viton (FPM)
	E - Ethylene Prop. (EPDM)
	Ni - Nitrile (NBR)
Flowing - Ausführung	Single Shut-Off
	Double Shut-Off
	Full Flow



— Double Shut-off / Beidseitig absperrend

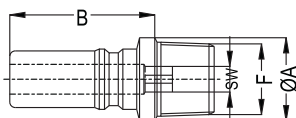
Flow direction - Flußrichtung : Plug to socket - von Stecker zu Kupplung
Oil Viscosity at - Öl Viskosität 38° : 43 cst

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

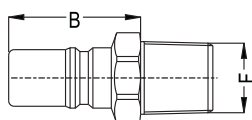
SERIE 101



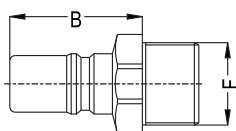
Plug



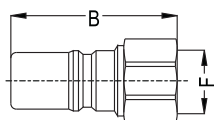
Tapered Male Threaded Plugs



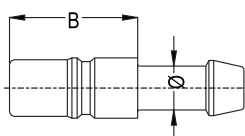
Tapered Male Threaded Plugs



Male Threaded Plugs



Female Threaded Plugs



Hose tail plug

NW Size/ mm	Connection (F/Ø)	Order No /	B	ØD	SW
6	BSPT 1/8"	101.06 RU 10	21	10	5
6	BSPT 1/4"	101.06 RU 13	22	11	5
6	NPT 1/8"	101.06 TU 10	22	14	5
6	NPT 1/4"	101.06 TU 13	22	14	5
9	BSPT 1/4"	101.09 RU 13	21	14	8
9	BSPT 3/8"	101.09 RU 17	21	14	8
9	NPT 1/4"	101.09 TU 13	23	17	8
9	NPT 3/8"	101.09 TU 17	23	17	8
12	BSPT 3/8"	101.12 RU 17	26	18	10
12	BSPT 1/2"	101.12 RU 21	51.5		24
12	NPT 3/8"	101.12 TU 17	28		22
12	NPT 1/2"	101.12 TU 21	38		22
16	BSPT 1/2"	101.16 RU 21	39		24
16	BSPT 3/4"	101.16 RU 26	41.5		27
9	BSP 1/2"	101.09 EU 21	25		22
12	BSP 3/4"	101.12 EU 26	30		27
16	BSP 1"	101.16 EU 33	38		32
16	M24x1.5	101.16 EUM 26	41.5		27
6	BSP 1/4"	101.06 DU 13	34		17
6	NPT 1/4"	101.06 NU 13	47		17
9	BSP 3/8"	101.09 DU 17	37		22
9	NPT 3/8"	101.09 NU 17	49		22
12	BSP 1/2"	101.12 DU 21	45		27
12	NPT 1/2"	101.12 NU 21	67		27
16	BSP 3/4"	101.16 DU 26	58		32
16	NPT 3/4"	101.16 NU 26	80		32
6	Ø8 5/16"	101.06 HU 08	24.5		
9	Ø12 15/32"	101.09 HU 12	25.5		
12	Ø16 5/8"	101.12 HU 16	30		
16	Ø19 3/4"	101.16 HU 19	37		

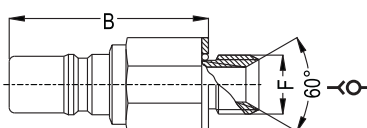


SERIE 101

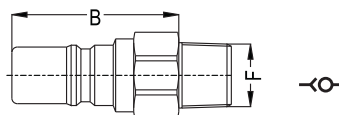
COUPLINGS, MULTICOUPLINGS
MOULD COOLING PRODUCTS



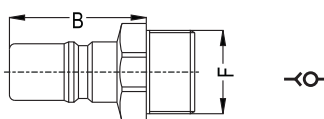
Shut-off Plugs



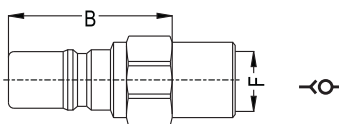
Male Threaded Shut-off Plugs with parallel tread



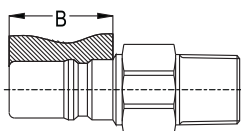
Tapered Male Shut-off Threaded Plugs



BSP Male Threaded Shut-off Plugs



Female Threaded Shut-off Plugs



Connecting Size

NW Size/ mm	Connection (F/Ø)	Order No	B	ØD	SW
6	BSP 1/8"	101.06 OUB 10	38		17
6	BSP 1/4"	101.06 OUB 13	36		17
9	BSP 1/4"	101.09 OUB 13	42		19
9	BSP 3/8"	101.09 OUB 17	38		20
12	BSP 3/8"	101.12 OUB 17	53.5		24
12	BSP 1/2"	101.12 OUB 21	50		24
16	BSP 3/4"	101.16 OUB 26	67		32
6	BSPT 1/8"	101.06 RUB 10	36		17
6	BSPT 1/4"	101.06 RUB 13	33		17
6	NPT 1/8"	101.06 TUB 10	36		17
6	NPT 1/4"	101.06 TUB 13	33		17
9	BSPT 1/4"	101.09 RUB 13	39		19
9	BSPT 3/8"	101.09 RUB 17	39.5		19
9	NPT 1/4"	101.09 TUB 13	39		19
9	NPT 3/8"	101.09 TUB 17	35.5		19
12	BSPT 3/8"	101.12 RUB 17	51.5		24
12	BSPT 1/2"	101.12 RUB 21	46		24
12	NPT 3/8"	101.12 TUB 17	51.5		24
12	NPT 1/2"	101.12 TUB 21	46		24
16	BSPT 3/4"	101.16 RUB 26	62		32
16	NPT 3/4"	101.16 TUB 26	62		32
6	BSP 3/8"	101.06 EUB 17	26		19
9	BSP 1/2"	101.09 EUB 21	25		22
12	BSP 3/4"	101.12 EUB 26	30		27
16	BSP 1"	101.16 EUB 33	38		32
6	BSP 1/4"	101.06 DUB 13	47		17
6	NPT 1/4"	101.06 NUB 13	47		17
9	BSP 1/4"	101.09 DUB 13	48.5		19
9	NPT 1/4"	101.09 NUB 13	48.5		19
9	BSP 3/8"	101.09 DUB 17	49		22
12	NPT 1/2"	101.12 NUB 21	85		27
16	BSP 3/4"	101.16 DUB 26	81		32
16	NPT 3/4"	101.16 NUB 26	81		32
6		101.06	17.5		
9		101.09	18.5		
12		101.12	23		
16		101.16	30		

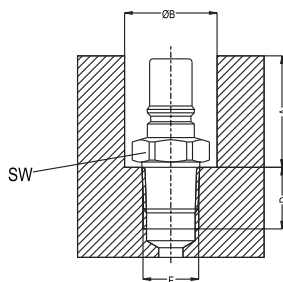
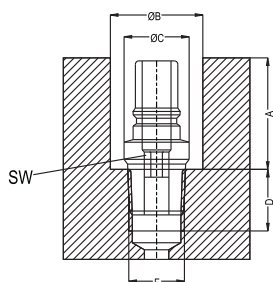
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

SERIE 101



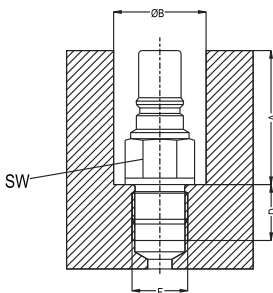
Assembling of straight - through plugs on the mould

Tapered Male Threaded Plugs



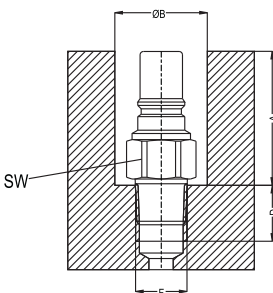
NW Size/ mm	Connection (F/Ø)	Order No /	B	ØB	ØC	D	SW
6	BSPT 1/8"	101.06 RU 10	26	20	10	9	5
6	NPT 1/8"	101.06 TU 10	28	20	11	9	5
6	BSPT 1/4"	101.06 RU 13	27	20	14	12	5
6	NPT 1/4"	101.06 TU 13	27	20	14	13	5
9	BSPT 1/4"	101.09 RU 13	26	26	14	12	8
9	NPT 1/4"	101.09 TU 13	26	26	14	13	8
9	BSPT 3/8"	101.09 RU 17	28	26	17	13	8
9	NPT 3/8"	101.09 TU 17	28	26	17	13	8
12	BSPT 3/8"	101.12 RU 17	31	33	18	13	10
12	NPT 3/8"	101.12 TU 17	55	36		11	24
12	BSPT 1/2"	101.12 RU 21	34	33		15	22
12	NPT 1/2"	101.12 TU 21	34	33		15	22
16	BSPT 3/4"	101.16 RU 26	50	40		19	27

Assembling of self-sealing plugs on the mould



Shut-off Plug with cylindrical male thread

6	BSP 1/8"	101.06 EUB 10	41	26		9	17
6	BSP 1/4"	101.06 EUB 13	38	26		12	17
9	BSP 1/4"	101.09 EUB 13	44	29		12	19
9	BSP 3/8"	101.09 EUB 17	40	30		13	20
12	BSP 3/8"	101.12 EUB 17	56	36		13	24
12	BSP 1/2"	101.12 EUB 21	52	36		15	24
16	BSP 3/4"	101.16 EUB 26	70	46		16	32



Shut-off Plug with conical male thread

6	BSPT 1/8"	101.06 RUB 10	42	26		9	17
6	NPT 1/8"	101.06 TUB 10	42	26	9	17	
6	BSPT 1/4"	101.06 RUB 13	38	26		13	17
6	NPT 1/4"	101.06 TUB 13	38	26	13	17	
9	BSPT 1/4"	101.09 RUB 13	44	29		13	19
9	NPT 1/4"	101.09 TUB 13	44	29	13	19	
9	BSPT 3/8"	101.09 RUB 17	40	29		13	19
9	NPT 3/8"	101.09 TUB 17	40	29	13	19	
12	BSPT 3/8"	101.12 RUB 17	56	36		13	24
12	NPT 3/8"	101.12 TUB 17	56	36	13	24	
12	BSPT 1/2"	101.12 RUB 21	52	36		15	24
12	NPT 1/2"	101.12 TUB 21	52	36	15	24	
16	BSPT 3/4"	101.16 RUB 26	70	46		16	32
16	NPT 3/4"	101.16 TUB 26	70	46	16	32	



SERIE 101

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS



Standard version -

Viton O-Ring (FPM)
Double Shut-off -

s - Option

E - EPDM Seal
F - Through Flow -

For optional orders please add the symbol
of your option end of the order no.

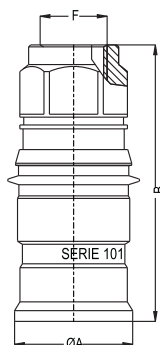
101.20 EG 33 E-F

Material - Material

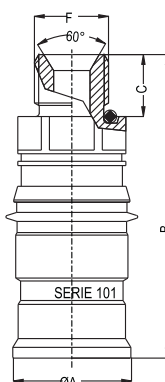
Coupler Body -

Sleeve - : Brass -
Valve - : Stainless Steel
Springs - : Brass -
Balls - : Stainless Steel -
Seals - : Stainless Steel -
Plug - : Viton (V)
 : Stainless Steel

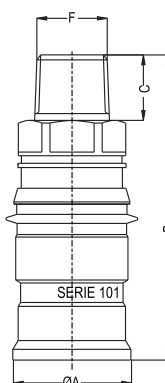
Coupler and Plug



Shut-off Coupler With
Female Thread



Shut-off Coupler With
Male Parallel Thread



NPT Male Threaded
Shut-off Coupler

Size mm	Connection (F/Ø)	Order No	ØA	B	C	SW
20	BSP 3/4"	101.20 DGB 26	53	119.5		42
20	NPT 3/4"	101.20 NGB 26	53	119.5		42
20	BSP 1"	101.20 DGB 33	53	119.5		42
20	NPT 1"	101.20 NGB 33	53	119.5		42
25	BSP 1"	101.25 DGB 33	60	140		50
25	BSP 1 1/4"	101.25 DGB 42	60	140		50
38	BSP 1 1/2"	101.38 DGB 48	82	158		70
38	BSP 2"	101.38 DGB 60	82	158		70

20	BSP 1"	101.20 EGB 33	53	132	20	42
25	BSP 1"	101.25 EGB 33	60	144	20	50
25	BSP 1 1/4"	101.25 EGB 42	60	144	21	50
38	BSP 1 1/2"	101.38 EGB 48	82	167	24	70

20	NPT 1"	101.20 TGB 33	53	132	20	42
25	NPT 1"	101.25 TGB 33	60	144	20	50
25	NPT 1 1/2"	101.25 TGB 48	60	148.5	24.5	50
38	NPT 1 1/2"	101.38 TGB 48	82	167	24.5	70
38	NPT 2"	101.38 TGB 60	82	167	24.5	70

**COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS**
 SERIE 101

Coupler and Plug

Size mm	Connection (F/Ø)	Order No	ØA	B	C	SW
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Standard version -
Viton O-Ring (FPM)
Double Shut-off -

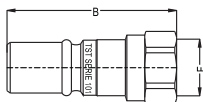
Options - Optionen
E - EPDM Seal -
F - Through Flow -

For optional orders please add the symbol
of your option end of the order no.

101.20 EG 33 E-F

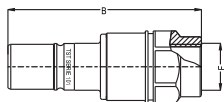
Material -

Coupler Body - : Brass -
Sleeve - : Stainless Steel -
Valve - : Brass -
Springs - : Stainless Steel -
Balls - : Stainless Steel -
Seals - : Viton (V)
Plug - : Stainless Steel -



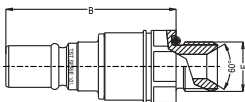
Plug With Female Thread

20	BSP 1"	101.20 DU 33	92	41
25	BSP 1"	101.25 DU 33	100	41
38	BSP 1 1/2"	101.38 DU 48	110	65



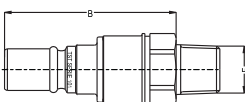
Shut-off Plug With
Female Thread

20	BSP 3/4"	101.20 DUB 26	126.5	42
20	BSP 1"	101.20 DUB 33	126.5	42
20	NPT 1"	101.20 NUB 33	126.5	42
25	BSP 1"	101.25 DUB 33	148.5	50
25	BSP 1 1/4"	101.25 DUB 42	158	50
38	BSP 1 1/2"	101.38 DUB 48	156	70
38	BSP 2"	101.38 DUB 60	156	70



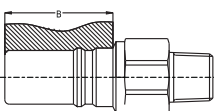
Shut-off Plug With
Male Parallel Thread

20	BSP 1"	101.20 EUB 33	120	42
25	BSP 1"	101.25 EUB 33	127	50
25	BSP 1 1/4"	101.25 EUB 42	131.5	50
38	BSP 1 1/2"	101.38 EUB 48	156	70
38	BSP 2"	101.38 EUB 60	161	70



NPT Male Threaded
Shut-off Plug

20	NPT 1"	101.20 TUB 33	120	42
25	NPT 1"	101.25 TUB 33	127	50
25	NPT 1 1/2"	101.25 TUB 42	131.5	50
38	NPT 1 1/2"	101.38 TUB 48	156	70
38	NPT 2"	101.38 TUB 60	161	70



Connecting Size

20		101.20	60
25		101.25	72.5
38		101.38	75

SERIE 101 ■

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

MULTI COUPLINGS

Multi coupling systems are applicable for quick changing of injection moulding and die cast equipments. This system avoids from the wrong connections in a quick and simple way.

Multi Coupling connection is starting from 3 circuits and it may increase up to 12 circuits + according to customer needs. Water Couplers for max 10 bar and 180 °C and also there exist manual multi couplers for electrical and hydraulic connections in our product range.

Standard Multi Coupling Ranges

M106 (Flow Size : 6 mm)
M109 (Flow Size : 9 mm)
M112 (Flow Size : 12 mm)
M116 (Flow Size : 16 mm)

According to the requested coupler quantity:

6 couplers : 3 circuits
8 couplers : 4 circuits
10 couplers : 5 circuits
12 couplers : 6 circuits
16 couplers : 8 circuits
20 couplers : 10 circuits
24 couplers : 12 circuits



SERIE 106M

COUPLINGS, MULTICOUPLING
MOULD COOLING PRODUCTS

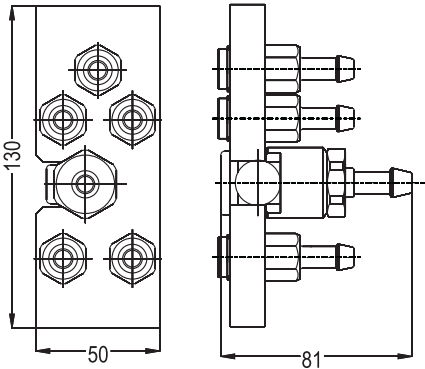
3 ↔ 3

Interchangeability -
STAUBLI RMI 206

Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments

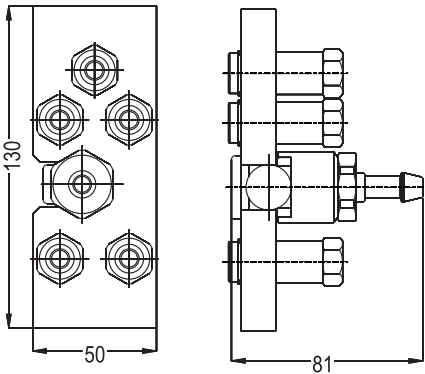
MM 106.06 HGB 08
Mobile Plate with 6 Unit Ø8
Hose Tail Shut-off Coupler (3 Circuit)

MM 106.06 HGB 10
Mobile Plate with 6 Unit Ø10
Hose Tail Shut-off Coupler (3 Circuit)

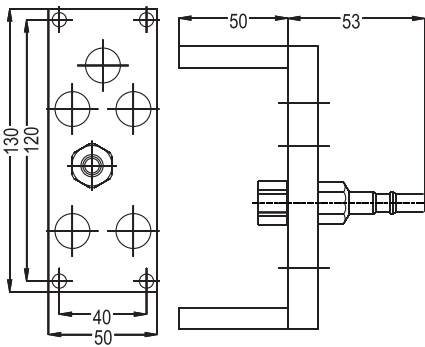


MM 106.06 DGB 13
Mobile Plate with 6 Unit BSP 1/4"
Female Threaded Shut-off Coupler (3 Circuit)

MM 106.06 NGB 13
Mobile Plate with 6 Unit NPT 1/4"
Female Threaded Shut-off Coupler (3 Circuit)



MM 106.06
Mould Plate for 6 Unit Plugs (3 Circuit)





SERIE 106M ■ COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

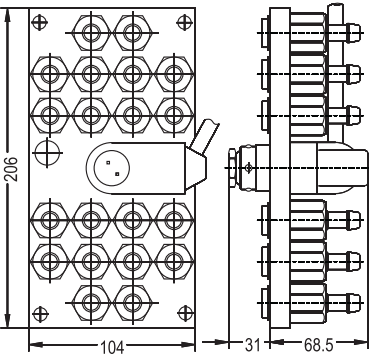
10 ⇄ 10

Interchangeability -
STAUBLI RMI 206

Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments

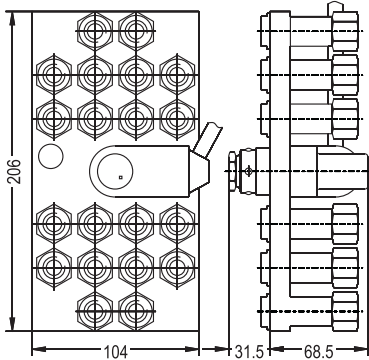
MM 106.20 HGB 08
Mobile Plate with 20 Unit
Ø8 Hose Tail Shut-off Coupler (10 Circuit)

MM 106.20 HGB 10
Mobile Plate with 20 Unit
Ø10 (3/8") Hose Tail Shut-off Coupler (10 Circuit)

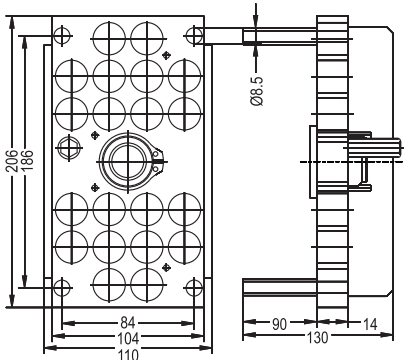


MM 106.20 DGB 13
Mobile Plate with 20 Unit BSP 1/4"
Female Threaded Shut-off Coupler (10 Circuit)

MM 106.20 NGB 13
Mobile Plate with 20 Unit NPT 1/4"
Female Threaded Shut-off Coupler (10 Circuit)



MK 106.20
Mould Plate for 20 Unit Plugs (10 Circuit)

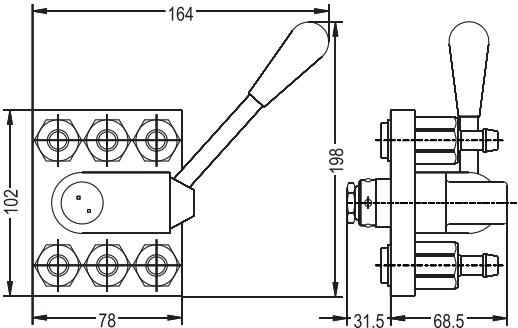
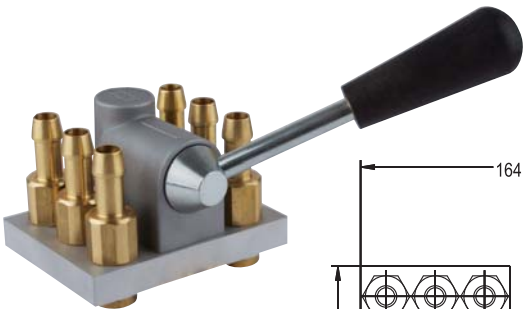


SERIE 109M COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

3 ↔ 3

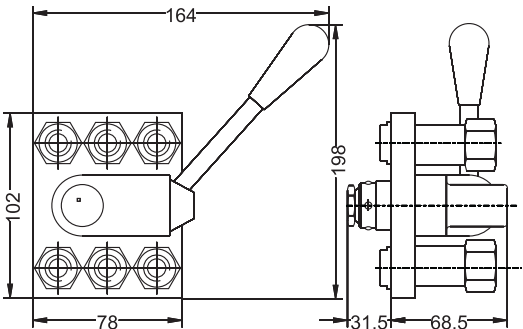
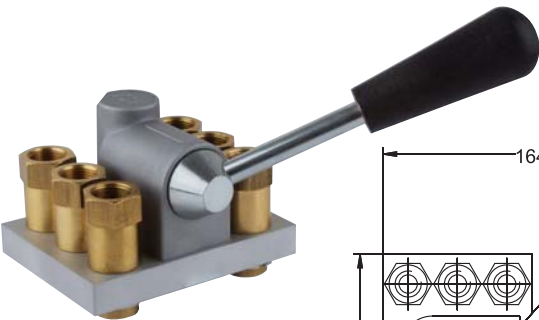
Interchangeability -
STAUBLI RMI 209

Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments



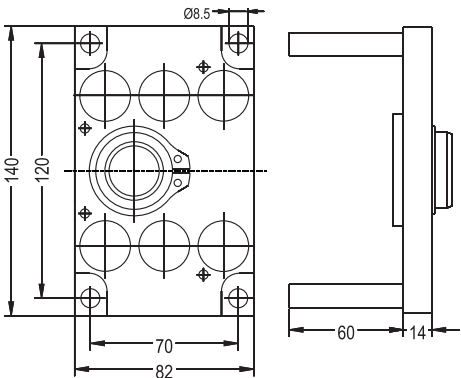
MM 109.06 HGB 10
Mobile Plate with 6 Unit Ø10 (3/8")
Hose Tail Shut-off Coupler (3 Circuit)

MM 109.06 HGB 12
Mobile Plate with 6 Unit Ø12
Hose Tail Shut-off Coupler (3 Circuit)



MM 109.06 DGB 17
Mobile Plate with 6 Unit BSP 3/8"
Female Threaded Shut-off Coupler (3 Circuit)

MM 109.06 NGB 17
Mobile Plate with 6 Unit NPT 3/8"
Female Threaded Shut-off Coupler (3 Circuit)



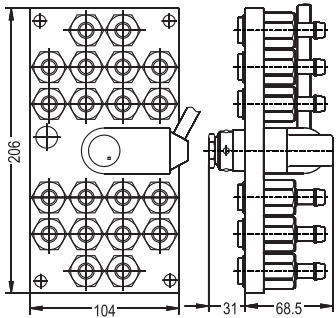
MK 109.06
Mould Plate for 6 Unit Plugs (3 Circuit)

SERIE 109M COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

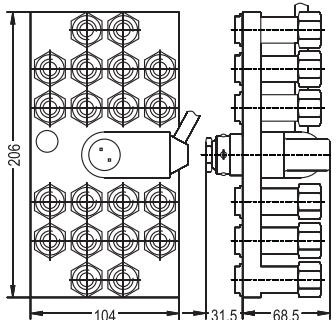
10 ⇄ 10

Interchangeability -
STAUBLI RMI 209

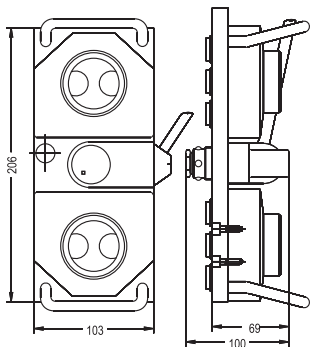
Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments



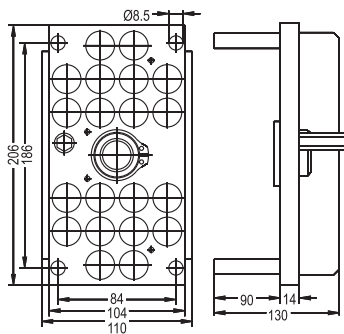
MM 109.20 HGB 10
Mobile Plate with 20 Unit Ø10 (3/8")
Hose Tail Shut-off Coupler (10 Circuit)



MM 109.20 HGB 12
Mobile Plate with 20 Unit Ø12
Hose Tail Shut-off Coupler (10 Circuit)



MM 109.20 C (BSP 1.1/4")
MM 109.20 CN (NPT 1.1/4")
Mobile plate with 1.1/4" Inlet
and Outlet Female Threaded Collector



MK 109.20
Mould Plate for 20 Unit Plugs (10 Circuit)

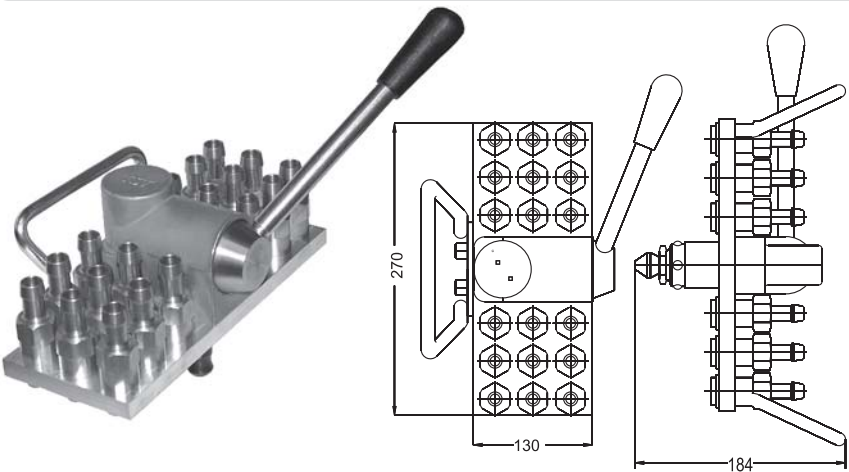
SERIE 112M

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

9 ⇄ 9

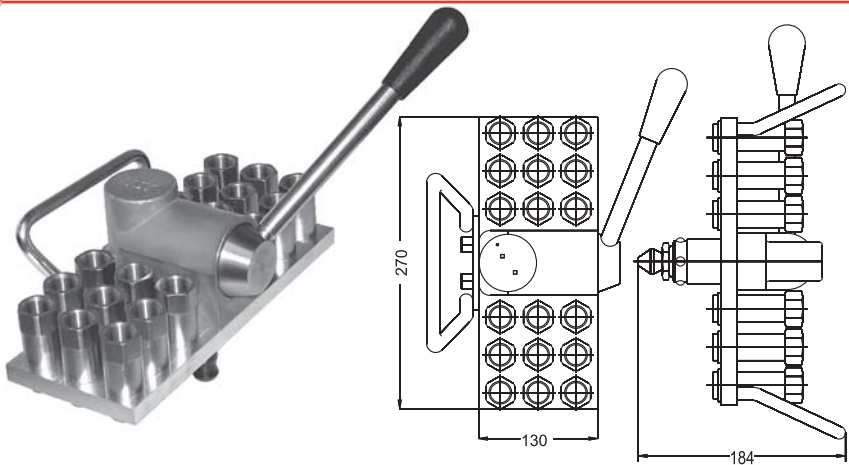
Interchangeability -
STAUBLI RMI 212

Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments



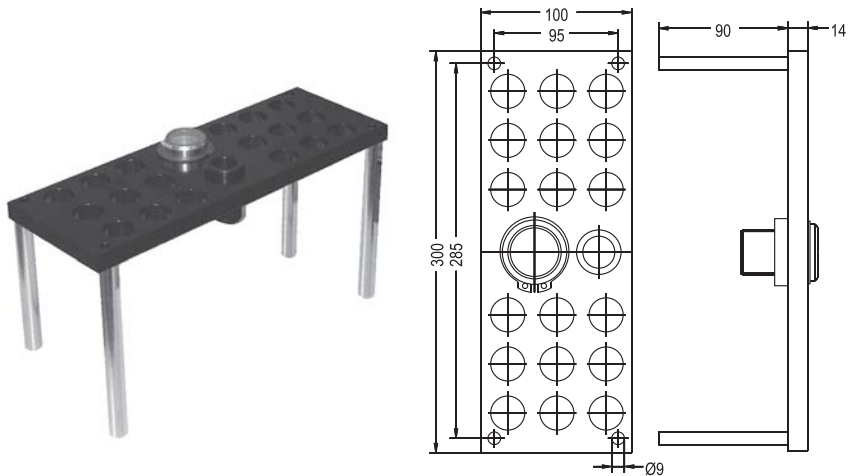
MM 112.18 HGB 13
Mobile Plate with 18 Unit
Ø13 (1/2") Hose Tail Shut-off Coupler (9 Circuit)

MM 112.18 HGB 16
Mobile Plate with 18 Unit
Ø16 (5/8") Hose Tail Shut-off Coupler (9 Circuit)



MM 112.18 DGB 21
Mobile Plate with 18 Unit BSP 1/2"
Female Threaded Shut-off Coupler (9 Circuit)

MM 112.18 NGB 21
Mobile Plate with 18 Unit NPT 1/2"
Female Threaded Shut-off Coupler (9 Circuit)



MK 112.18
Mould Plate for 18 Unit Plugs (9 Circuit)

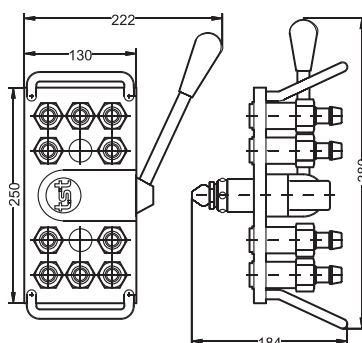
COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

SERIE 116M

5 ↔ 5

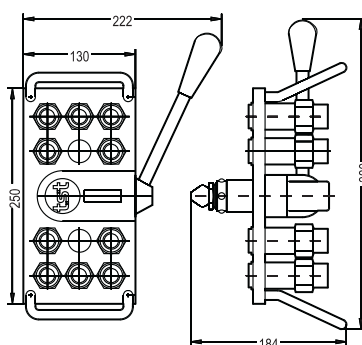
Interchangeability
STAUBLI RMI 216

Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments



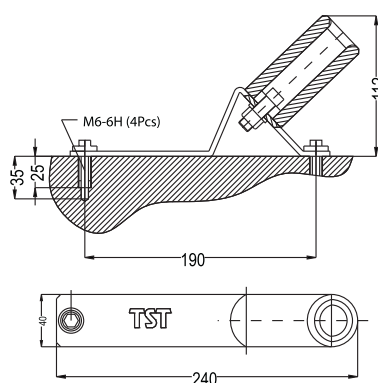
MM 116.10 HGB 16
Mobile Plate with 10 Unit
Ø16 Hose Tail Shut-off Coupler (5 Circuit)

MM 116.10 HGB 19
Mobile Plate with 10 Unit
Ø19 (3/4") Hose Tail Shut-off Coupler (5 Circuit)



MM 116.10 DGB 26
Mobile Plate with 10 Unit BSP 3/4"
Female Threaded Shut-off Coupler (5 Circuit)

MM 116.10 NGB 26
Mobile Plate with 10 Unit
NPT 3/4" Female Threaded Shut-off Coupler (5 Circuit)



**PARKING PLATES FOR
MOBILE MANIFOLDS (MM)**

MM 108.06 P
Support plate for MM 112 and MM 116 mobile
multi-coupling plates

SERIE 116M ■ COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

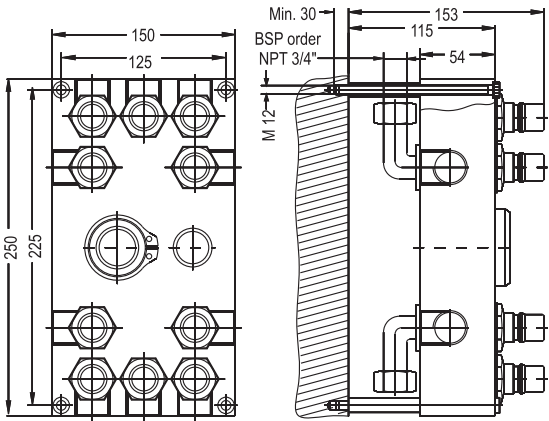
6 ⇄ 6

Interchangeability - Kompatibilität zu anderen
STAUBLI RMI 216

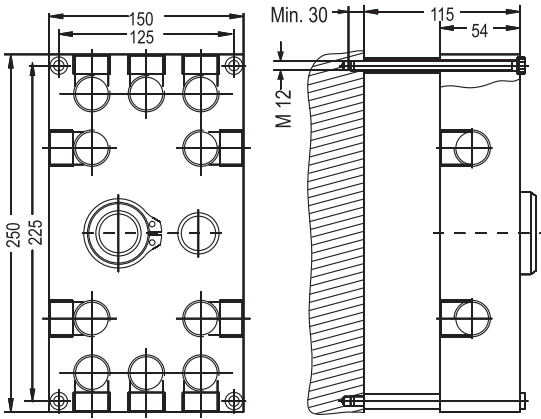
Multi Couplings Systems
for quick changing of injection moulding
and die cast equipments

MK 116.10 BSP 3/4"
MK 116.10 N NPT 3/4"
Mould Plate with 10 Unit
Unvalved Plugs (5 Circuit)

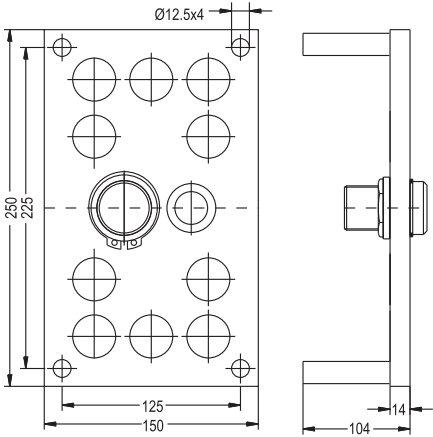
MK 116.10 V BSP 3/4"
MK 116.10 NV NPT 3/4"
Mould Plate with 10 Unit Shut-off
Plugs (5 Circuit)



MK 116.10 BP (BSP 3/4")
MK 116.10 BPN (NPT 3/4")
Mould Plate for 10 Unit Plugs (5 Circuit)



MM 116.10-01
Mould Plate for 10 Unit Plugs (5 Circuit)





SERIE 116

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

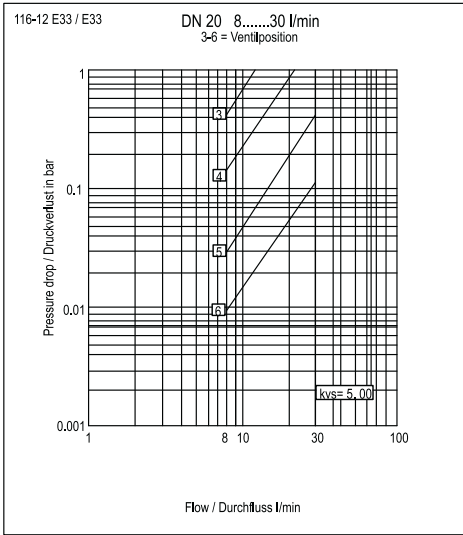
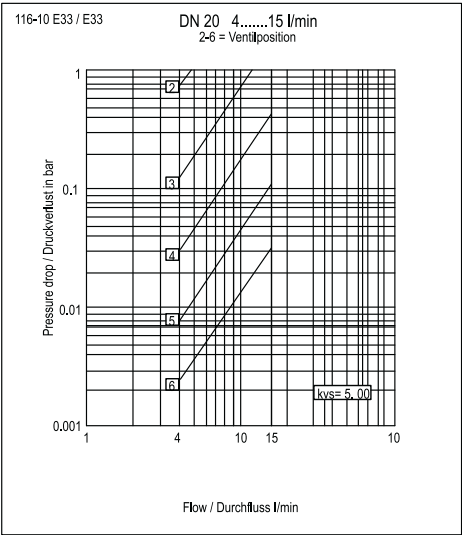
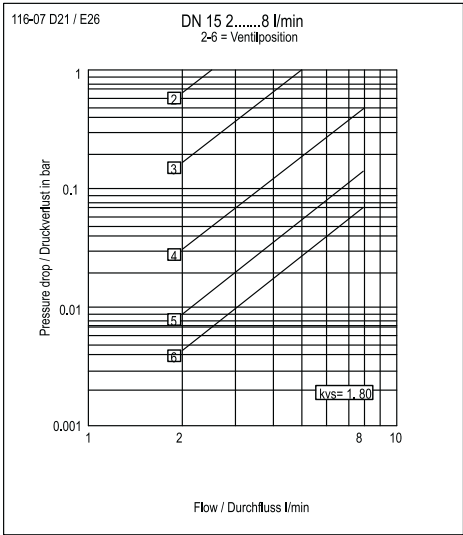
Temperature Range - Temperaturbereich
0 °C +100 °C (+320F +2120F)

Working Pressure - Betriebsdruck
0 - 10 bar (0 - 145 PSI)

Flow capacity - Nennweite
2 lt/min - 30 lt/min

Material - Material
Body - : Brass Passivated -
Springs - : Stainless Steel -
Indicator - : Plastic
Seals - :
Dichtungen : Nitrile - NBR

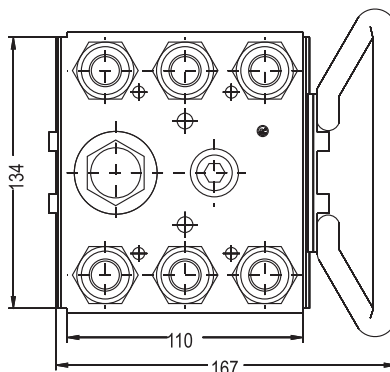
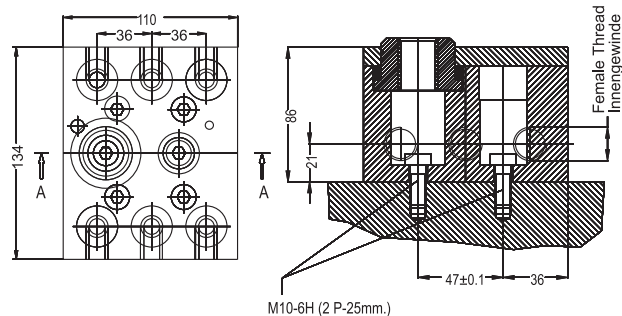
Flow Meter	Connection Female (F) - Male (M)	Order No	SW	Lenght	ØD
	BSP 1/2" (F) - BSP 3/4" (M)	116-07 D21/E26	19	81	2-8
	BSP 1" (M) - BSP 1" (M)	116-10 E33/E33	19	104	4-15
	BSP 1" (M) - BSP 1" (M)	115-12 E33/E33	19	104	8-30



SERIE 208M

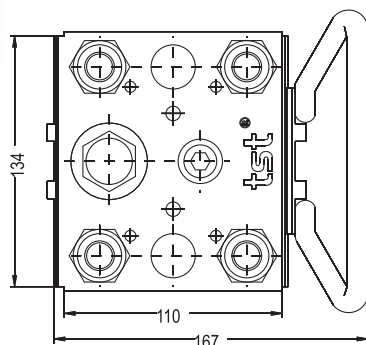
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

3 ↔ 3

Interchangeability -
STAUBLI RMP 78**MM 208.06 G17 (BSP 3/8")****MM 208.06 G21 (BSP 1/2")**Mobile multi-coupling plates press side with 6 unit non-spill,
flat face 104.08 female threaded plugs (3 Circuit)**MM 208.06 N17 (NPT 3/8")****MM 208.06 N21 (NPT 1/2")**Mobile multi-coupling plates press side with 6 unit non-spill,
flat face 104.08, female threaded plugs (3 Circuit)**MM 208.06 U14 (UNF 9/16-20)****MM 208.06 U19 (UNF 3/4-16)**Mobile multi-coupling plates press side with 6 unit non-spill
flat face 104.08, female threaded plugs (3 Circuit)**MK 208.06 G17 (BSP 3/8")****MK 208.06 G21 (BSP 1/2")**Female threaded side connection fixed multi-coupling plates on
mould side with 6 unit non-spill, flat face 104.08 sockets, (3 Circuit)**MK 208.06 N17 (NPT 3/8")****MK 208.06 N21 (NPT 1/2")**Female threaded side connection fixed multi-coupling plates on
mould side with 6 unit non-spill, flat face 104.08 sockets, (3 Circuit)**MK 208.06 U14 (UNF 9/16-20)****MK 208.06 U19 (UNF 3/4-16)**Female threaded side connection fixed multi-coupling plates on
mould side with 6 unit non-spill, flat face 104.08 sockets, (3 Circuit)

2 ⇄ 2

Interchangeability -
STAUBLI RMP



MM 208.04 G17 (BSP 3/8")

MM 208.04 G21 (BSP 1/2")

Mobile multi-coupling plates press side with 4 unit non-spill,
flat face 104.08 female threaded plugs (2 Circuit)

MM 208.04 N17 (NPT 3/8")

MM 208.04 N21 (NPT 1/2")

Mobile multi-coupling plates press side with 4 unit non-spill,
flat face 104.08, female threaded plugs (2 Circuit)

MM 208.04 U14 (UNF 9/16-20)

MM 208.04 U19 (UNF 3/4-16)

Mobile multi-coupling plates press side with 4 unit non-spill
flat face 104.08, female threaded plugs (2 Circuit)



MK 208.04 G17 (BSP 3/8")

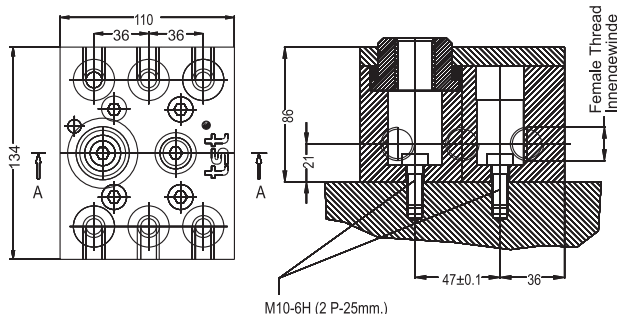
MK 208.04 G21 (BSP 1/2")

Female threaded side connection fixed multi-coupling plates on
mould side with 4 unit non-spill, flat face 104.08 sockets, (2 Circuit)

MK 208.04 N17 (NPT 3/8")

MK 208.04 N21 (NPT 1/2")

Female threaded side connection fixed multi-coupling plates on
mould side with 4 unit non-spill, flat face 104.08 sockets, (2 Circuit)



MK 208.04 U14 (UNF 9/16-20)

MK 208.04 U19 (UNF 3/4-16)

Female threaded side connection fixed multi-coupling plates on
mould side with 4 unit non-spill, flat face 104.08 sockets, (2 Circuit)

UNF According to SAE J 1926-1

SERIE 208M

COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS

1 ↔ 1

Interchangeability -
STAUBLI RMP 78

MM 208.02 G17 (BSP 3/8")

MM 208.02 G21 (BSP 1/2")

Mobile multi-coupling plates press side with 2 unit non-spill,
flat face 104.08 female threaded plugs (1 Circuit)

MM 208.02 N17 (NPT 3/8")

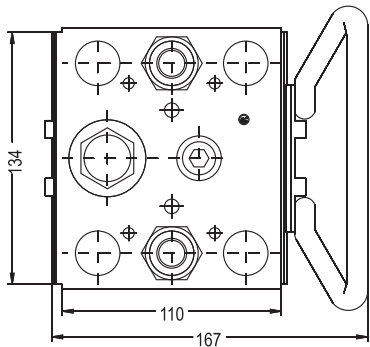
MM 208.02 N21 (NPT 1/2")

Mobile multi-coupling plates press side with 2 unit non-spill,
flat face 104.08, female threaded plugs (1 Circuit)

MM 208.02 U14 (UNF 9/16-20)

MM 208.02 U19 (UNF 3/4-16)

Mobile multi-coupling plates press side with 2 unit non-spill
flat face 104.08, female threaded plugs (1 Circuit)



MK 208.02 G17 (BSP 3/8")

MK 208.02 G21 (BSP 1/2")

Female threaded side connection fixed multi-coupling plates on
mould side with 2 unit non-spill, flat face 104.08 sockets, (1 Circuit)

MK 208.02 N17 (NPT 3/8")

MK 208.02 N21 (NPT 1/2")

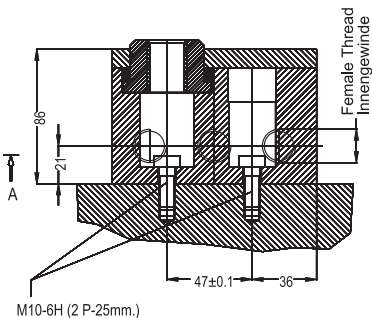
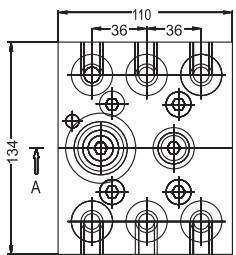
Female threaded side connection fixed multi-coupling plates on
mould side with 2 unit non-spill, flat face 104.08 sockets, (1 Circuit)



MK 208.02 U14 (UNF 9/16-20)

MK 208.02 U19 (UNF 3/4-16)

Female threaded side connection fixed multi-coupling plates on
mould side with 2 unit non-spill, flat face 104.08 sockets, (1 Circuit)



UNF According to SAE J 1926-1

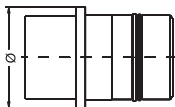
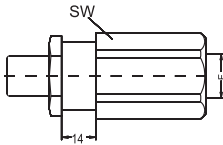
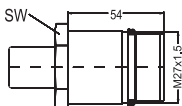
COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

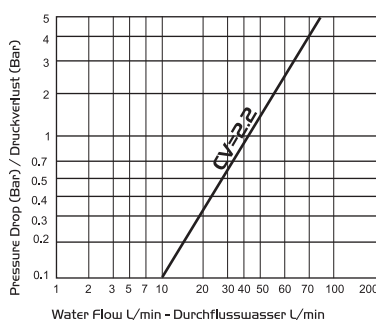
SERIE 108M-208M

Interchangeability -

STAUBLI RMP



Couplers and Plugs	Order No /	Connection / F / Ø	SW	
	MK 104.08 DGB 00	33		Flat face coupler for MK 108 / 208 multi-coupling
	MM 104.08 DUB 17 MM 104.08 NUB 17 MM 104.08 DUB 21 MM 104.08 NUB 21 MM 104.08 UUB 14 MM 104.08 UUB 19	BSP 3/8" NPT 3/8" BSP 1/2" NPT 1/2" UNF 9/16"-20 UNF 3/4"-16	32	Female threaded flat face plug for MM 108 / 208 multi-coupling
	104.08 EUB M24-MP	M 27X1.5	29	Male threaded flat face plug for MM 108 / 208 multi-coupling





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