
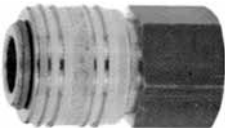




INDUSTRIAL FITTINGS - quick release couplings


EUROSTANDARD 7.2 couplings for air


	code	hose I.D. [mm]	description Socket with cut-off valve and hose tail. Material: brass. Full flow DN: 7.2 mm. Working press.: up to 35 bar.
	TP-ES72-GK-06	6	
	TP-ES72-GK-08	8	
	TP-ES72-GK-09	9	
	TP-ES72-GK-10	10	
	TP-ES72-GK-13	13	

	code	thread size [inch]	description Socket with cut-off valve and female thread. Material: brass. Full flow DN: 7.2 mm. Working press.: up to 35 bar.
	TP-ES72-GW-04	1/4	
	TP-ES72-GW-06	3/8	
	TP-ES72-GW-08	1/2	

	code	thread size [inch]	description Socket with cut-off valve and male thread. Material: brass. Full flow DN: 7.2 mm. Working press.: up to 35 bar.
	TP-ES72-GZ-04	1/4	
	TP-ES72-GZ-06	3/8	
	TP-ES72-GZ-08	1/2	

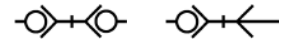
	code	hose I.D. [mm]	description Plug with hose tail. Material: brass. Full flow DN: 7.2 mm. Working press.: up to 35 bar.
	TP-ES72-WK-06	6	
	TP-ES72-WK-08	8	
	TP-ES72-WK-09	9	
	TP-ES72-WK-10	10	
	TP-ES72-WK-13	13	

	code	thread size [inch]	description Plug with female thread. Material: brass. Full flow DN: 7.2 mm. Working press.: up to 35 bar.
	TP-ES72-WW-02	1/8	
	TP-ES72-WW-04	1/4	
	TP-ES72-WW-06	3/8	
	TP-ES72-WW-08	1/2	

	code	thread size [inch]	description Plug with male thread. Material: brass. Full flow DN: 7.2 mm. Working press.: up to 35 bar.
	TP-ES72-WZ-02	1/8	
	TP-ES72-WZ-04	1/4	
	TP-ES72-WZ-06	3/8	
	TP-ES72-WZ-08	1/2	

INDUSTRIAL FITTINGS - quick release couplings


EWO couplings




EUROSTANDARD DN 7.2

- Standard:** Eurostandard DN 7.2 ÷ 7.8
Application: Pneumatics
 (air, nitrogen, other nonflammable gases)
Working press.: 16 bar (safety factor 1.5)
Flow rate: 1500 l/min, Pe = 6 bar, Δp = 1bar (single shut-off)
 675 l/min, Pe = 6 bar, Δp = 1bar (double shut-off)
Working temp.: From -10°C up to +90°C
Material: Brass, pins and spring of stainless steel
Seal: NBR
Advantages: Inexpensive, popular

Quick release coupling with a popular plug design. Intended for one hand operation. A locking pin system enables fast and easy connection of a plug to a socket. Available as single shut-off or double shut-off couplings. The single shut-off version must not be connected to the double shut-off (the valve will not open). Optionally, the single shut-off plugs made of carbon steel can be also supplied. The quick release couplings are interchangeable with all couplings according to Eurostandard DN 7.2 ÷ 7.8 of other producers.

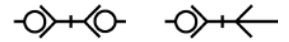
	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	TP-ES72-GK-06X	6	57	21	Single shut-off socket with hose tail.
	TP-ES72-GK-08X	8	57	21	
	TP-ES72-GK-09X	9	57	21	
	TP-ES72-GK-10X	10	57	21	
	TP-ES72-GK-13X	13	57	21	


	code	thread size	length [mm]	spanner size [mm]	description
	TP-ES72-GW-02X	1/8" BSP	41	21	Single shut-off socket with female thread
	TP-ES72-GW-04X	1/4" BSP	41	21	
	TP-ES72-GW-06X	3/8" BSP	41	21	
	TP-ES72-GW-08X	1/2" BSP	43	24	
	TP-ES72-GW-M14X	M14x1.5	43	21	
	TP-ES72-GW-M16X	M16x1.5	43	21	
TP-ES72-GW-M18X	M18x1.5	43	21		


	code	thread size	length [mm]	spanner size [mm]	description
	TP-ES72-GZ-02X	1/8" BSP	41	21	Single shut-off socket with male thread.
	TP-ES72-GZ-04X	1/4" BSP	41	21	
	TP-ES72-GZ-06X	3/8" BSP	42.5	21	
	TP-ES72-GZ-08X	1/2" BSP	45	24	
	TP-ES72-GZ-M14X	M14x1.5	41	21	
	TP-ES72-GZ-M16X	M16x1.5	41	21	
TP-ES72-GZ-M18X	M18x1.5	41	21		


INDUSTRIAL FITTINGS - quick release couplings


EWO couplings - EUROSTANDARD DN 7.2




	code (brass)	code (carbon steel)	hose I.D. [mm]	length [mm]	description
	TP-ES72-WK-04X	TP-ES72-WK-04X-ST	4	45	Single shut-off plug with hose tail.
	TP-ES72-WK-06X	TP-ES72-WK-06X-ST	6	45	
	TP-ES72-WK-08X	TP-ES72-WK-08X-ST	8	45	
	TP-ES72-WK-09X	TP-ES72-WK-09X-ST	9	45	
	TP-ES72-WK-10X	TP-ES72-WK-10X-ST	10	45	
	TP-ES72-WK-13X	TP-ES72-WK-13X-ST	13	45	

	code (brass)	code (carbon steel)	thread size [inch]	length [mm]	description
	TP-ES72-WW-02X	-	1/8	30	Single shut-off plug with female thread.
	TP-ES72-WW-04X	TP-ES72-WW-04X-ST	1/4	33	
	TP-ES72-WW-06X	TP-ES72-WW-06X-ST	3/8	33	
	TP-ES72-WW-08X	TP-ES72-WW-08X-ST	1/2	33	

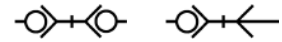
	code (brass)	code (carbon steel)	thread size [inch]	length [mm]	description
	TP-ES72-WZ-02X	-	1/8	31	Single shut-off plug with male thread.
	TP-ES72-WZ-04X	TP-ES72-WZ-04X-ST	1/4	33	
	TP-ES72-WZ-06X	TP-ES72-WZ-06X-ST	3/8	33	
	TP-ES72-WZ-08X	TP-ES72-WZ-08X-ST	1/2	35	

	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	TP-ES72D-GK-06X	6	57	21	Double shut-off socket with hose tail.
	TP-ES72D-GK-08X	8	57	21	
	TP-ES72D-GK-09X	9	57	21	
	TP-ES72D-GK-10X	10	57	21	
	TP-ES72D-GK-13X	13	57	21	


	code	thread size	length [mm]	spanner size [mm]	description
	TP-ES72D-GW-02X	1/8"	41	21	Double shut-off socket with female thread.
	TP-ES72D-GW-04X	1/4"	41	21	
	TP-ES72D-GW-06X	3/8"	41	21	
	TP-ES72D-GW-08X	1/2"	43	24	
	TP-ES72D-GW-M14X	M14x1.5	43	21	
	TP-ES72D-GW-M16X	M16x1.5	43	21	
	TP-ES72D-GW-M18X	M18x1.5	43	21	


INDUSTRIAL FITTINGS - quick release couplings


EWO couplings - EUROSTANDARD DN 7.2



	code	thread size	length [mm]	spanner size [mm]	description
	TP-ES72D-GZ-02X	1/8"	41	21	Double shut-off socket with male thread.
	TP-ES72D-GZ-04X	1/4"	41	21	
	TP-ES72D-GZ-06X	3/8"	41	21	
	TP-ES72D-GZ-08X	1/2"	45	24	
	TP-ES72D-GZ-M14X	M14x1.5	41	21	
	TP-ES72D-GZ-M16X	M16x1.5	41	21	
	TP-ES72D-GZ-M18X	M18x1.5	41	21	

	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	TP-ES72D-WK-06X	6	59	21	Double shut-off plug with hose tail.
	TP-ES72D-WK-08X	8	59	21	
	TP-ES72D-WK-09X	9	59	21	
	TP-ES72D-WK-10X	10	59	21	
	TP-ES72D-WK-13X	13	59	21	

	code	thread size	length [mm]	spanner size [mm]	description
	TP-ES72D-WW-02X	1/8"	43	21	Double shut-off plug with female thread.
	TP-ES72D-WW-04X	1/4"	43	21	
	TP-ES72D-WW-06X	3/8"	44	21	
	TP-ES72D-WW-08X	1/2"	45	24	
	TP-ES72D-WW-M14X	M14x1.5	45	21	
	TP-ES72D-WW-M16X	M16x1.5	45	21	
	TP-ES72D-WW-M18X	M18x1.5	45	21	

	code	thread size	length [mm]	spanner size [mm]	description
	TP-ES72D-WZ-02X	1/8"	43	21	Double shut-off plug with male thread.
	TP-ES72D-WZ-04X	1/4"	43	21	
	TP-ES72D-WZ-06X	3/8"	43	21	
	TP-ES72D-WZ-08X	1/2"	44.5	21	
	TP-ES72D-WZ-M14X	M14x1.5	43	21	
	TP-ES72D-WZ-M16X	M16x1.5	43	21	
	TP-ES72D-WZ-M18X	M18x1.5	43	21	

INDUSTRIAL FITTINGS - quick release couplings


EWO couplings




EUROSTANDARD DN 7.2

- Standard:** Eurostandard DN 7.2 ÷ 7.8
- Application:** Pneumatics
(air, nitrogen, other nonflammable gases)
- Working press.:** 10 bar - max. 25 bar (safety factor 1.5)
- Flow rate:** 1000 l/min, Pe = 6 bar, Δp = 1 bar
- Working temp.:** From -20°C up to +80°C)
- Material:** Nickel-plated steel
- Advantages:** Swivel

Swivel plug with a design compliant with the popular EURO DN 7.2 standard. A full 360° rotation axis prevents twisting of a hose connected to the plug and enables unrestricted operation of pneumatic tools. In addition, the plug can be positioned (by 30° maximum) and thus easily fitted in tight and inaccessible spaces. Connected to the plug, the hose assembly will not kink. German quality added to a steel plug body plated with nickel provides significantly longer service life compared to standard brass plugs. The couplings are suitable for operation with percussive tools (pneumatic torque wrenches, nail guns, etc.). Interchangeable with all couplings according to Eurostandard DN 7.2 ÷ 7.8 of other producers.

	code	thread size [inch]	length [mm]	description
	EW-308-453	1/4	54.7	Plug with male thread
	EW-308-454	3/8	54.7	
	EW-308-457	1/2	56.7	

	code	thread size [inch]	length [mm]	description
	EW-308-455	1/4	54.7	Plug with female thread
	EW-308-456	3/8	54.7	
	EW-308-458	1/2	56.7	

INDUSTRIAL FITTINGS - quick release couplings

EWO couplings - EUROSTANDARD - no pressure disconnection




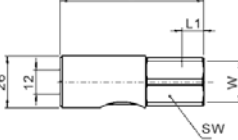
EW-411 SAFETY DN 7.4


Flow rate: 1800 l/min at entrance pressure
 $P_e = 6 \text{ bar } (\Delta p = 1 \text{ bar, air})$
Working press: 12 bar
Working temp.: From -10°C up to $+90^\circ\text{C}$

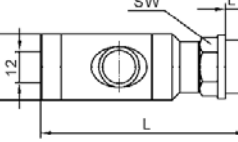
Material: Socket body: outlet - zinc-plated steel, housing - anodized aluminium, inlet - nickel-plated brass. Springs and balls - stainless steel. Plug - zinc-plated steel.

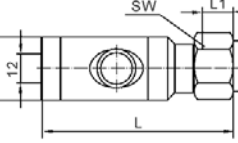
Description: Single shut-off quick release coupling for air installations, disconnected without pressure, equipped with a button locking system. The coupling is first vented and then the plug is disconnected so the whip effect is eliminated. The solution ensures safety of the operator according to ISO 4414 and EN983 standards. The way it works is simple: when the button is pressed first time, the coupling is vented but the plug is still secured. When the button is pushed second time, the plug is unlocked and can be safely removed. A threaded, swivel socket version allows to place the button in the most handy position after fixing the coupling in an installation. The construction of the plug is compliant with popular EURO DN 7.2 standard. The plugs made of steel are recommender for this coupling (not brass).

Socket with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	EW-411-001	1/4"	20	68.5	8
EW-411-021	3/8"	20	69.5	9	
EW-411-041	1/2"	24	69.5	10	

Socket with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	EW-411-002	1/4"	20	68	10
EW-411-022	3/8"	20	72.5	11	
EW-411-042	1/2"	24	73	11	

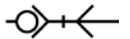
Socket with hose tai 	code	hose I.D.	SW [mm]	L [mm]	L1 [mm]
	EW-411-023	6 mm	20	85.5	25
EW-411-026	8 mm	20	85.5	25	
EW-411-024	9 mm	20	85.5	25	
EW-411-027	10 mm	20	85.5	25	
EW-411-025	13 mm	20	85.5	25	

Swivel socket with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	EW-411-201	1/4"	20	76	6
EW-411-221	3/8"	20	76	7	
EW-411-241	1/2"	20	81	8	

Swivel socket with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	EW-411-202	1/4"	20	75	12
EW-411-222	3/8"	20	77	12	
EW-411-242	1/2"	24	79	13	

INDUSTRIAL FITTINGS - quick release couplings


EWO couplings





EUROSTANDARD MINI DN 5


- Standard:** Eurostandard DN 5
- Application:** Pneumatics
(air, nitrogen, other nonflammable gases)
- Working press.:** 16 bar (safety factor 1.5)
- Flow rate:** 500 l/min, Pe = 6 bar, Δp = 1bar
- Working temp.:** From -20°C up to +90°C)
- Material:** Nickel-plated brass, pins and spring of stainless steel
- Seal:** NBR
- Advantages:** Inexpensive, popular, small size


Single shut-off MINI quick release coupling has a plug design compliant with the popular EURO DN5 standard. Widely used in industry for applications demanding small dimensions, excellent flow rate and low pressure drop. Designed for one hand operation. Interchangeable with RECTUS 21 and other couplings with the same design, compliant with EURO DN 5 standard, of other producers.


	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	TP-ES5-GK-04	4	46	14	Socket with hose tail.
	TP-ES5-GK-06	6	46	14	

	code	thread size [inch]	length [mm]	spanner size [mm]	description
	TP-ES5-GZ-02	1/8	36	14	Socket with male thread.
	TP-ES5-GZ-04	1/4	36	17	

	code	thread size [inch]	length [mm]	spanner size [mm]	description
	TP-ES5-GW-02	1/8	37	14	Socket with female thread.
	TP-ES5-GW-04	1/4	38	17	

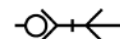
	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	TP-ES5-WK-04	4	33	-	Plug with hose tail.
	TP-ES5-WK-06	6	33	-	

	code	thread size [inch]	length [mm]	spanner size [mm]	description
	TP-ES5-WZ-02	1/8	28	14	Plug with male thread.
	TP-ES5-WZ-04	1/4	28	17	

	code	thread size [inch]	length [mm]	spanner size [mm]	description
	TP-ES5-WW-02	1/8	25	14	Plug with female thread.
	TP-ES5-WW-04	1/4	26	17	

INDUSTRIAL FITTINGS - quick release couplings

EWO couplings



MIKRO DN 2.7

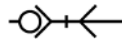
Standard: GLOBAL DN 2.7
Application: Pneumatics
 (air, nitrogen, other nonflammable gases)
Working press.: 16 bar (safety factor 1.5)
Flow rate: 210 l/min, Pe = 6 bar, Δp = 1bar
Working temp.: From -20°C up to +100°C)
Material: Nickel-plated brass, pins and spring of SS
Seal: NBR
Advantages: Small size

Single shut-off MICRO quick release coupling is widely used for applications demanding small dimensions e.g. in medical, laboratory or measuring technology. Designed for one hand operation. Interchangeable with RECTUS 20 and all DN 2.7 quick release couplings of other producers with the same plug design.

	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	EW-MIKRO-GK-03	3	35	-	Socket with hose tail.
	EW-MIKRO-GK-04	4	35	-	
	code	hose O.D. x I.D. [mm]	length [mm]	spanner size [mm]	description
	EW-MIKRO-GK-4x3	4x3	34	9	Socket with plastic hose tail.
	EW-MIKRO-GK-5x3	5x3	34	9	
	EW-MIKRO-GK-6x4	6x4	34	9	
	code	thread size	length [mm]	spanner size [mm]	description
	EW-MIKRO-GZ-M5	M5	26	9	Socket with male thread.
	EW-MIKRO-GZ-02	1/8"	28	11	
	code	thread size	length [mm]	spanner size [mm]	description
	EW-MIKRO-GW-M5	M5	25	9	Socket with female thread.
	EW-MIKRO-GW-02	1/8"	28	12	
	code	hose I.D. [mm]	length [mm]	spanner size [mm]	description
	EW-MIKRO-WK-03	3	25	-	Plug with hose tail.
	EW-MIKRO-WK-04	4	25	-	
	code	hose O.D. x I.D. [mm]	length [mm]	spanner size [mm]	description
	EW-MIKRO-WK-4x3	4x3	25	7	Plug with plastic hose tail.
	EW-MIKRO-WK-5x3	5x3	25	7	
	EW-MIKRO-WK-6x4	6x4	24	-	
	code	thread size	length [mm]	spanner size [mm]	description
	EW-MIKRO-WZ-M5	M5	18	7	Plug with male thread.
	EW-MIKRO-WZ-02	1/8"	20	11	
	code	thread size	length [mm]	spanner size [mm]	description
	EW-MIKRO-WW-M5	M5	17	7	Plug with female thread.
	EW-MIKRO-WW-02	1/8"	18	12	

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



02KA series DN 1.5

Flow rate: 105 l/min at entrance pressure
 $P_e = 6 \text{ bar}$ ($\Delta p = 0.5 \text{ bar}$, air)

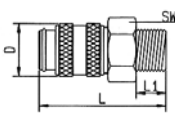
Working press.: 35 bar

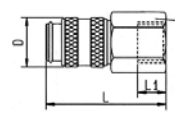
Working temp.: NBR: from -20°C up to $+100^\circ\text{C}$
 EPDM: from -40°C up to $+120/150^\circ\text{C}$
 Viton: from -15°C up to $+200^\circ\text{C}$
 (depending on the medium)

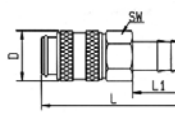
Material: As a standard both the threaded part and socket body are made of brass. The ferrule, plug and valve are made of brass as well. The spring and locking ring are made of AISI 301 steel, balls of AISI 420 steel and sealing of NBR.

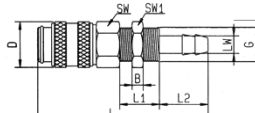
Description: The smallest coupling for one hand operation. High flow efficiency at low pressure drop. Used for gas and air transfer. Suitable for liquid media transfer as well.

Application: Medical, measuring and regulating technology, laboratories, textile machines, training systems, chemistry, lubrication systems, analysers, robots, pneumatic tools, blood pressure measuring devices, dental surgery equipment.

Socket with male thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-02KAAM03MPX	M3	6	19	6.5	3
RE-02KAAM03MPN	M3	6	19	6.5	3	

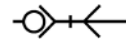
Socket with female thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-02KAIM03MPX	M3	6	19	6.5	3
RE-02KAIM03MPN	M3	6	19	6.5	3	

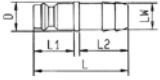
Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-02KATF02MPX	2	6	21	6.5	5.5
	RE-02KATF02MPN	2	6	21	6.5	5.5
	RE-02KATF03MPX	3	6	22	6.5	6.5
RE-02KATF03MPN	3	6	22	6.5	6.5	

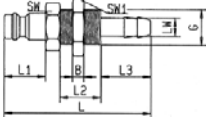
Socket with hose tail for panel mounting 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1/L2 [mm]	G
	RE-02KATS02MPX	2	7	29	6.5	8/5.5	M5
	RE-02KATS02MPN	2	7	29	6.5	8/5.5	M5
	RE-02KATS03MPX	3	7	30	6.5	8/6.5	M5
RE-02KATS03MPN	3	7	30	6.5	8/6.5	M5	

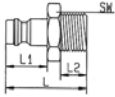
INDUSTRIAL FITTINGS - quick release couplings

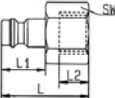
RECTUS couplings



Plug with hose tail 	code	hose I.D. [mm]	L [mm]	D [mm]	L 1 [mm]	L 2 [mm]
	RE-02SFTF02MXX	2	12	4	5	5.5
	RE-02SFTF02MXN	2	12	4	5	5.5
	RE-02SFTF03MXX	3	13	5	5	6.5
	RE-02SFTF03MXN	3	13	5	5	6.5

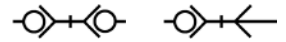
Plug with hose tail for panel mounting 	code	hose I.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2/L3 [mm]	G
	RE-02SFTS02MXX	2	7	21.5	5	8/5.5	M5
	RE-02SFTS02MXN	2	7	21.5	5	8/5.5	M5
	RE-02SFTS03MXX	3	7	22.5	5	8/6.5	M5
	RE-02SFTS03MXN	3	7	22.5	5	8/6.5	M5

Plug with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	RE-02SFAM03MXX	M3	6	11	5	3
	RE-02SFAM03MXN	M3	6	11	5	3

Plug with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	RE-02SFIM03MXX	M3	6	10	5	3
	RE-02SFIM03MXN	M3	6	10	5	3

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



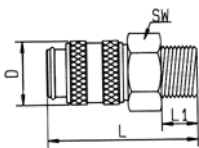
20 series DN 2.7

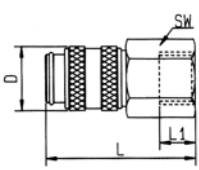
Flow rate: 165 l/min at entrance pressure
 $P_e = 6 \text{ bar}$ ($\Delta p = 0.5 \text{ bar}$, air)

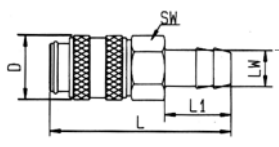
Working press.: 35 bar

Working temp.: NBR: from -20°C up to $+100^\circ\text{C}$
 EPDM: from -40°C up to $+120^\circ\text{C}$
 Viton: from -15°C up to $+200^\circ\text{C}$
 (depending on the medium)

- Material:** As a standard the threaded part and the body of socket, ferrule, plug and valve are made of brass, springs of AISI 301 steel, balls of AISI 420 steel, sealing of NBR. Other materials are available on request (zinc-plated steel, AISI 303, AISI 316Ti, EPDM and Viton seal).
- Description:** High quality, very small couplings for one hand operation. High flow efficiency at low pressure drop. Available as single shut-off, double shut-off and straight-through version.
- Application:** Medical, measuring and regulating technology, laboratories, textile machines, chemistry, lubrication systems, analysers, robots, pneumatic tools, blood pressure measuring devices, dental surgery equipment.

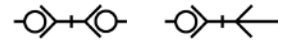
Socket with male thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	single shut-off					
	RE-20KAAM05MPX	M5	9	26	10	5
	RE-20KAAW10MPX	1/8"	11	28	10	7
double shut-off						
	RE-20KBAM05MPX	M5	9	26	10	5
	RE-20KBAW10MPX	1/8"	11	28	10	7

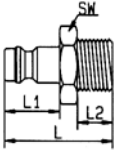
Socket with female thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	single shut-off					
	RE-20KAIM05MPX	M5	9	26	10	5
	RE-20KAIW10MPX	1/8"	12	28	10	7
double shut-off						
	RE-20KBIM05MPX	M5	9	26	10	5
	RE-20KBIW10MPX	1/8"	11	28	10	7

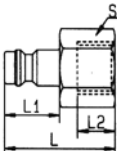
Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	single shut-off					
	RE-20KATF03MPX	3	9	35	10	13
	RE-20KATF04MPX	4	9	35	10	13
	RE-20KATF05MPX	5	9	35	10	13
double shut-off						
	RE-20KBTF03MPX	3	9	35	10	13
	RE-20KBTF04MPX	4	9	35	10	13
	RE-20KBTF05MPX	5	9	35	10	13

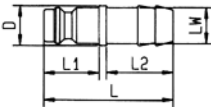
INDUSTRIAL FITTINGS - quick release couplings

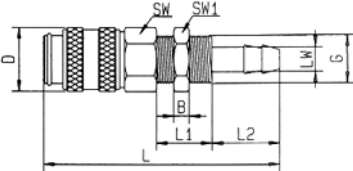
RECTUS couplings

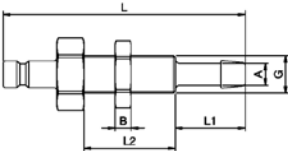


Plug with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-20SFAM05MXX	M5	7	18	10	5
	RE-20SFAW10MXX	1/8"	11	20	10	7
double shut-off						
	RE-20SBAM05MPX	M5	9	28	10	5
	RE-20SBAW10MPX	1/8"	11	30	10	7

Plug with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-20SFIM05MXX	M5	7	17	10	5
	RE-20SFIW10MXX	1/8"	12	19	10	7
double shut-off						
	RE-20SBIM05MPX	M5	9	26.5	10	5
	RE-20SBIW10MPX	1/8"	12	30	10	7

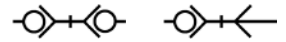
Plug with hose tail 	code	hose I.D. [mm]	L [mm]	D [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-20SFTF03MXX	3	24	7	10	13
	RE-20SFTF04MXX	4	24	7	10	13
	RE-20SFTF05MXX	5	24	9	8.5	12.5
double shut-off						
	RE-20SBTF03MPX	3	36.5		10	13
	RE-20SBTF04MPX	4	36.5		10	13
	RE-20SBTF05MPX	5	36.5		10	13

Socket with hose tail for panel mounting 	code	hose I.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	G
	single shut-off						
	RE-20KATS03MPX	3	12	51	11	13	M7x0.5
	RE-20KATS04MPX	4	12	51	11	13	M7x0.5
	RE-20KATS06MPX	6	12	51	12	13	M10x1
double shut-off							
	RE-20KBTS03MPX	3	12	51	11	13	M7x0.5
	RE-20KBTS04MPX	4	12	51	11	13	M7x0.5
	RE-20KBTS06MPX	6	12	51	12	13	M10x1

Plug with hose tail for panel mounting 	code	hose I.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	G
	straight through						
	RE-20SFTS03MXX	3	12	45	13	18	M7x0.5
	RE-20SFTS04MXX	4	12	45	13	17	M7x0.5
double shut-off							
	RE-20SBTS03MPX	3	12	52.5	13	17	M7x0.5
	RE-20SBTS04MPX	4	12	52.5	13	17	M7x0.5
	RE-20SBTS06MPX	6	12	52.5	13	17	M10x1

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



21 series DN 5

Flow rate: 560 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 35 bar

Working temp.: NBR: from -20°C up to +100°C
EPDM: from -40°C up to +120°C
Viton: from -15°C up to +200°C
Kalrez: from 0°C up to +316°C
(depending on the medium)

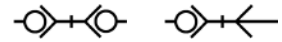
- Material:** As a standard the threaded part and the body of socket, ferrule, plug and valve are made of brass, springs and ring of AISI 301 steel, balls of AISI 420 steel, sealing of NBR. Other materials are available on request (zinc-plated steel, AISI 303, AISI 316Ti, EPDM, Kalrez and Viton seal).
- Description:** A bigger version of 20 series, widely used in applications where space is of special importance. Available as single shut-off, double shut-off and straight-through version. High flow efficiency at low pressure drop.
- Application:** Small pneumatic tools, robots, pneumatic systems, industrial sewing machines, packaging production, medical technology, breathing equipment, diving equipment, measuring technology, cooling of welding equipment, portable gas heaters, analysers, dosing devices.

Socket with male thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-21KAAW10MPX	1/8"	14	36	16	7	
	RE-21KAAW13MPX	1/4"	17	38	16	9	
	RE-21KAAW17MPX	3/8"	19	38	16	9	
	double shut-off						
	RE-21KBAW10MPX	1/8"	14	36	16	7	
	RE-21KBAW13MPX	1/4"	17	38	16	9	
RE-21KBAW17MPX	3/8"	19	38	16	9		

Socket with female thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-21KAIW10MPX	1/8"	14	36	16	9	
	RE-21KAIW13MPX	1/4"	17	38	16	9	
	RE-21KAIW17MPX	3/8"	19	38	16	7	
	double shut-off						
	RE-21KBIW10MPX	1/8"	14	36	16	9	
	RE-21KBIW13MPX	1/4"	17	38	16	7	
RE-21KBIW17MPX	3/8"	19	38	16	7		

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



Socket with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-21KATF04MPX	4	14	46	16	17	
	RE-21KATF06MPX	6	14	46	16	17	
	RE-21KATF08MPX	8	14	46	16	17	
	RE-21KATF09MPX	9	14	46	16	17	
	RE-21KATF10MPX	10	14	46	16	17	
	double shut-off						
	RE-21KBTF04MPX	4	14	46	16	17	
	RE-21KBTF06MPX	6	14	46	16	17	
	RE-21KBTF08MPX	8	14	46	16	17	
	RE-21KBTF09MPX	9	14	46	16	17	
	RE-21KBTF10MPX	10	14	46	16	17	

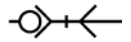
Plug with male thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	
	straight through						
	RE-21SFAW10MXX	1/8"	14	25	14	7	
	RE-21SFAW13MXX	1/4"	17	28	14	9	
	RE-21SFAW17MXX	3/8"	19	28	14	9	
	double shut-off						
	RE-21SBAW10MPX	1/8"	14	40	14	7	
	RE-21SBAW13MPX	1/4"	17	42	14	9	
	RE-21SBAW17MPX	3/8"	19	42	14	9	

Plug with female thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	
	straight through						
	RE-21SFIW10MXX	1/8"	14	25	14	8	
	RE-21SFIW13MXX	1/4"	17	26	14	9	
	RE-21SFIW17MXX	3/8"	19	27	14	9	
	double shut-off						
	RE-21SBIW10MPX	1/8"	14	40	14	8	
	RE-21SBIW13MPX	1/4"	17	42	14	9	
	RE-21SBIW17MPX	3/8"	19	42	14	9	

Plug with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	L2 [mm]	
	straight through							
	RE-21SFTF04MXX	4		32	9	14	17	
	RE-21SFTF05MXX	5		32	9	14	17	
	RE-21SFTF06MXX	6		32	9	14	17	
	RE-21SFTF08MXX	8		32	9	14	17	
	RE-21SFTF09MXX	9		33	10	14	17	
	RE-21SFTF10MXX	10		33	12	14	17	
	double shut-off							
	RE-21SBTF04MPX	4	14	50		14	17	
	RE-21SBTF05MPX	5	14	50		14	17	
	RE-21SBTF06MPX	6	14	50		14	17	
	RE-21SBTF08MPX	8	14	50		14	17	
	RE-21SBTF09MPX	9	14	50		14	17	
	RE-21SBTF10MPX	10	14	50		14	17	

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



1400KA series DN 5.5 1423KA series DN 5.5

Flow rate: 940 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 35 bar

Working temp.: NBR: from -20°C up to +100°C
EPDM: from -40°C up to +120/150°C
Viton: from -15°C up to +200°C
(depending on the medium)
1423KA type from -20°C up to +80°C
with any sealing type

Material: The body of socket is made of QPQ treated steel, connection and ferrule of nickel-plated brass, plug of brass or nickel-plated hardened steel, spring of AISI 301 steel, balls and ring of AISI 420 steel, sealing of NBR. Sockets of 1423KA series have particularly robust, impact resistant, ergonomic, plastic ferrule.

Description: The highest quality quick release coupling with a top grade valve for optimum flow performance. Its design conforms to ISO 6150B (MIL C-4109). For one hand operation with minimum coupling force.

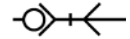
Application: Varied industrial applications for compressed air, fluids and gases.

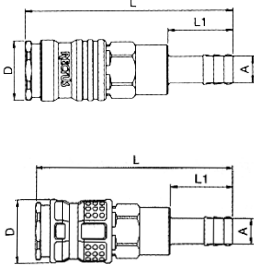
Socket with male thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
		RE-1400KAAK13SPN	1/4"	19	65	23
	RE-1400KAAK17SPN	3/8"	19	65	23	12
	RE-1400KAAK21SPN	1/2"	22	59.5	23	17
	RE-1423KAAK13SPN	1/4"	19	65	26	12
	RE-1423KAAK17SPN	3/8"	19	65	26	12
	RE-1423KAAK21SPN	1/2"	22	59.5	26	17

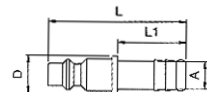
Socket with female thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
		RE-1400KAIW13SPN	1/4"	19	59	23
	RE-1400KAIW17SPN	3/8"	19	59	26	9
	RE-1400KAIW21SPN	1/2"	24	62	26	12
	RE-1423KAIW13SPN	1/4"	19	59	26	9
	RE-1423KAIW17SPN	3/8"	19	59	26	9
	RE-1423KAIW21SPN	1/2"	24	62	26	12

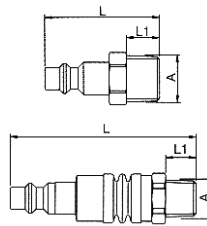
INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings

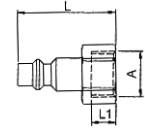


Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-1400KATF06SPN	6	19	80	23	25
RE-1400KATF08SPN	8	19	80	23	25	
RE-1400KATF09SPN	9	19	80	23	25	
RE-1400KATF10SPN	10	19	80	23	25	
RE-1400KATF13SPN	13	19	80	23	25	
RE-1423KATF06SPN	6	19	80	26	25	
RE-1423KATF08SPN	8	19	80	26	25	
RE-1423KATF09SPN	9	19	80	26	25	
RE-1423KATF10SPN	10	19	80	26	25	
RE-1423KATF13SPN	13	19	80	26	25	

Plug with hose tail 	code	hose I.D. [mm]	L [mm]	D [mm]	L1 [mm]
	RE-23SFTF04MXN	4	51	14	25
RE-23SFTF06SXX	6				
RE-23SFTF06MXX	6				
RE-23SFTF08SXX	8				
RE-23SFTF08MXX	8				
RE-23SFTF09SXX	9				
RE-23SFTF09MXX	9				
RE-23SFTF10SXX	10				
RE-23SFTF10MXX	10				
RE-23SFTF13SXX	13				

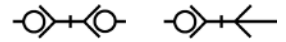
Plug with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	RE-23SFAK10SXX	1/8"	14	42	12
RE-23SFAK13SXX	1/4"				
RE-23SFAW13MXX	3/8"	17	48	17	
RE-23SFAK17SXX					
RE-23SFAW17MXX	1/2"	22	68	11	
RE-23SFAK21SXX					
RE-23SFAAK13SPN*	1/4"	17	68	11	

* - flex joint

Plug with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	RE-23SFIW10SXX	1/8"	17	36	9
RE-23SFIW13SXX	1/4"				
RE-23SFIW13MXX	1/4"	19	39	12	
RE-23SFIW17SXX	3/8"				
RE-23SFIW17MXX	3/8"	24	39	12	
RE-23SFIW21SXX	1/2"				

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



26 series DN 7.2

Flow rate: 1000 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 35 bar

Working temp.: NBR: from -20°C up to +100°C
EPDM: from -40°C up to +120°C
Viton: from -15°C up to +200°C
(depending on the medium)

Material: As a standard the threaded part and the body of a coupling, ferrule, plug and valve are made of brass, spring and ring of AISI 301 steel, locking pins of AISI 420 steel, sealing of NBR.

Description: Inexpensive, general purpose quick release coupling. The tight surface body of the coupling protects inner parts against dirt. Locking pins made of hardened steel are compatible with other tools equipped with plugs made of steel.

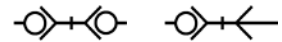
Application: Varied industry and craft application.

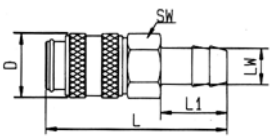
Socket with male thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-26KAAW10MPX	1/8"	22	43	25	9	
	RE-26KAAW13MPX	1/4"	22	39	25	9	
	RE-26KAAW17MPX	3/8"	22	41	25	9	
	RE-26KAAW21MPX	1/2"	22	44	25	12	
	double shut-off						
	RE-26KBAW10MPX	1/8"	22	43	25	9	
	RE-26KBAW13MPX	1/4"	22	39	25	9	
	RE-26KBAW17MPX	3/8"	22	41	25	9	
	RE-26KBAW21MPX	1/2"	24	42	25	10	

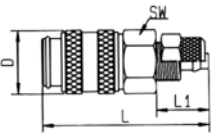
Socket with female thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-26KAIW13MPX	1/4"	22	41	25	9	
	RE-26KAIW17MPX	3/8"	22	41	25	9	
	RE-26KAIW21MPX	1/2"	24	44	25	10	
	double shut-off						
	RE-26KBIW13MPX	1/4"	22	41	25	9	
	RE-26KBIW17MPX	3/8"	22	41	25	9	
	RE-26KBIW21MPX	1/2"	24	44	25	10	

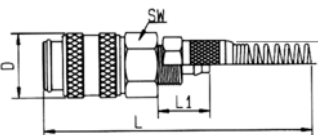
INDUSTRIAL FITTINGS - quick release couplings

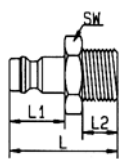
RECTUS couplings



Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	single shut-off					
	RE-26KATF06MPX	6	21	58	25	25
	RE-26KATF08MPX	8	21	58	25	25
	RE-26KATF09MPX	9	21	58	25	25
	RE-26KATF10MPX	10	21	58	25	25
	RE-26KATF13MPX	13	21	58	25	25
double shut-off						
	RE-26KBTF06MPX	6	21	58	25	25
	RE-26KBTF08MPX	8	21	58	25	25
	RE-26KBTF09MPX	9	21	58	25	25
	RE-26KBTF10MPX	10	21	58	25	25
	RE-26KBTF13MPX	13	21	58	25	25

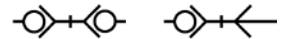
Socket with crimp ferrule 	code	hose I.D. x O.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	single shut-off					
	RE-26KAKO06MPX	4x6	21	58	25	13
	RE-26KAKO08MPX	6x8	21	45	25	13
	RE-26KAKO10MPX	8x10	21	49	25	17
	RE-26KAKO12MPX	9x12	21	49	25	17
double shut-off						
	RE-26KBKO08MPX	6x8	21	45	25	13
	RE-26KBKO10MPX	8x10	21	49	25	17
	RE-26KBKO12MPX	9x12	21	49	25	17

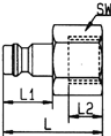
Socket for plastic hose 	code	hose I.D. x O.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	single shut-off					
	RE-26KAKK08MPX	6x8	21	132	25	13
	RE-26KAKK10MPX	8x10	21	143	25	17
	RE-26KAKK12MPX	9x12	21	150	27	17
double shut-off						
	RE-26KBKK08MPX	6x8	21	132	25	13
	RE-26KBKK10MPX	8x10	21	143	25	17
	RE-26KBKK12MPX	9x12	21	150	25	17

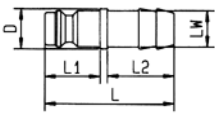
Plug with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-26SFAW10MXX	1/8"	14	31	20	7
	RE-26SFAW13MXX	1/4"	17	33	20	9
	RE-26SFAW17MXX	3/8"	19	33	20	9
	RE-26SFAW21MXX	1/2"	24	38	20	12

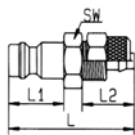
INDUSTRIAL FITTINGS - quick release couplings

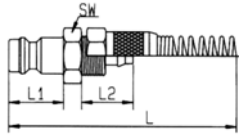
RECTUS couplings

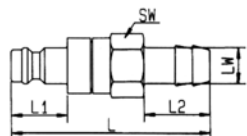


Plug with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-26SFIW10MXX	1/8"	14	30	20	7
	RE-26SFIW13MXX	1/4"	17	33	20	10
	RE-26SFIW17MXX	3/8"	19	33	20	10
	RE-26SFIW21MXX	1/2"	24	38	20	12

Plug with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	L2 [mm]
	straight through						
	RE-26SFTF04MXX	4	-	48	12	20	25
	RE-26SFTF06MXX	6	-	48	12	20	25
	RE-26SFTF08MXX	8	-	48	12	20	25
	RE-26SFTF09MXX	9	-	48	12	20	25
	RE-26SFTF10MXX	10	-	48	12	20	25
	RE-26SFTF13MXX	13	-	48	15	20	25

Plug for plastic hose 	code	hose I.D. x O.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-26SFKO06MXX	4x6	-	34	20	13
	RE-26SFKO08MXX	6x8	-	34	20	15
	RE-26SFKO10MXX	8x10	17	42	20	17
	RE-26SFKO12MXX	9x12	17	42	20	17

Plug for plastic hose with spring guard 	code	hose I.D. x O.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	straight through					
	RE-26SFKK06MXX	4x6	-	120	20	13
	RE-26SFKK08MXX	6x8	-	127	20	13
	RE-26SFKK10MXX	8x10	17	135	20	17
	RE-26SFKK12MXX	9x12	17	142	20	17

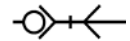
Plug with recoil eliminator and hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
		RE-26SRTF06MXX	6	21	67	20
	RE-26SRTF08MXX	8	21	67	20	25
	RE-26SRTF09MXX	9	21	67	20	25
	RE-26SRTF10MXX	10	21	67	20	25
	RE-26SRTF13MXX	13	21	67	20	25

Attention!

- steel plugs - see type 25
- plugs with valves for double shut-off version - see type 25

INDUSTRIAL FITTINGS - quick release couplings

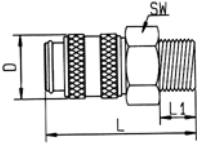
RECTUS couplings - self-venting system

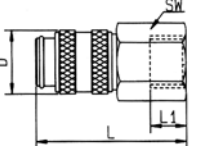


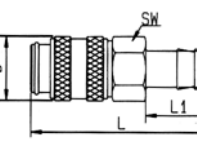
26KE series DN 7.4

Flow rate: 1430 l/min at entrance pressure
 $P_e = 6 \text{ bar}$ ($\Delta p = 0.5 \text{ bar}$, air)
Working press.: 12 bar
Working temp.: From -20°C up to $+60^\circ\text{C}$ (NBR)

- Material:** Both the threaded part and the body of socket are made of brass, locking ferrule is made of thermoplastic material, valve of brass, spring of AISI 301 steel, locking pins and balls of AISI 420 steel, plug of hardened zinc-plated steel, sealing of NBR.
- Connection:** The couplings connect the same way as 25 series, by pushing the plug into the socket. The ferrule moves forward during this process and the plug is sealed and locked.
- Venting:** When the ferrule is pulled back, the first locking system is released. The valve of the coupling closes. Simultaneously the plug is pulled back and interlocked by the spring and air pressure in the second locking system. Then the compressed air freely escapes outside.
- Disconnection:** Once the pressure drops in the coupling, the ferrule can be pulled back which causes the release of the second locking system. The connection can now be safely undone because there is pressure neither in the hose nor in the plug.
- Remarks:** Not recommended for direct connection to pneumatic tools, because vibration and oscillation shorten service life of the coupling.
 Safe operation of the coupling is only possible when it is connected to plugs made of hardened steel (check 25 series).

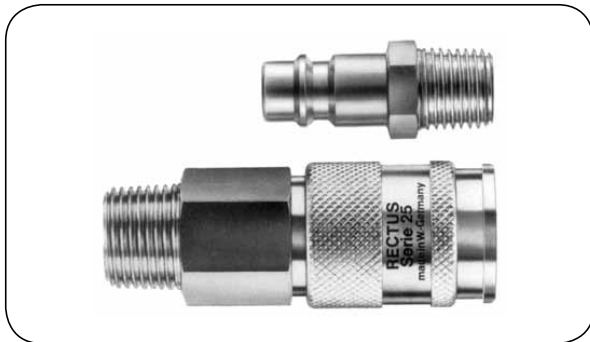
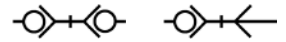
Socket with male thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	self-venting system					
	RE-26KEAW13MPN	1/4"	22	55	31	9
	RE-26KEAW17MPN	3/8"	22	55	31	9
	RE-26KEAW21MPN	1/2"	24	58	31	12

Socket with female thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	self-venting system					
	RE-26KEIW13MPN	1/4"	22	57	31	9
	RE-26KEIW17MPN	3/8"	22	57	31	9
	RE-26KEIW21MPN	1/2"	24	60	31	12

Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	self-venting system					
	RE-26KETF06MPN	6	22	71	31	25
	RE-26KETF08MPN	8	22	71	31	25
	RE-26KETF09MPN	9	22	71	31	25
	RE-26KETF10MPN	10	22	71	31	25
	RE-26KETF13MPN	13	22	71	31	25

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



25 series DN 7.8 DN 7.4

Flow rate: 1800 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 35 bar

Working temp.: NBR: from -20°C up to +100°C
EPDM: from -40°C up to +120/150°C
Viton: from -15°C up to +200°C
Kalrez: from 0°C up to +316°C
(depending on the medium)

Material: As a standard both the threaded part and the body of a coupling are made of nickel-plated brass, locking ferrule and plug are made of hardened zinc-plated steel, valve of brass (KA) or nickel-plated cast iron (KB), spring and ring of AISI 301 steel, balls of AISI 420 steel, sealing of NBR. Other materials are available on request.

Description: Robust couplings providing excellent tightness and a very high flow rate due to ULTRA-FLO valve. For one hand operation.

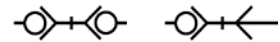
Application: All branches of technology, industry and craft - for compressed air, fluids and gases.

Socket with male thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-25KAAK13MPN	1/4"	19	60	23	12	
	RE-25KAAK17MPN	3/8"	19	60	23	12	
	RE-25KAAK21MPN	1/2"	22	61	23	17	
	double shut-off						
	RE-25KBAK13BPX	1/4"	19	60	23	12	
	RE-25KBAK17BPX	3/8"	19	59	23	10.5	
RE-25KBAK21BPX	1/2"	22	57.5	23	9		

Socket with female thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-25KAIW13MPN	1/4"	19	56	23	10	
	RE-25KAIW17MPN	3/8"	19	55	23	9	
	RE-25KAIW21MPN	1/2"	24	58	23	12	
	double shut-off						
	RE-25KBIW13BPX	1/4"	19	56	23	10	
	RE-25KBIW17BPX	3/8"	19	55	23	9	
RE-25KBIW21BPX	1/2"	24	58	23	12		

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



Socket with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-25KATF06MPN	6	19	74	23	25	
	RE-25KATF08MPN	8	19	74	23	25	
	RE-25KATF09MPN	9	19	74	23	25	
	RE-25KATF10MPN	10	19	74	23	25	
	RE-25KATF13MPN	13	19	74	23	25	
	double shut-off						
	RE-25KBTF06BPX	6	19	74	23	25	
	RE-25KBTF08BPX	8	19	74	23	25	
	RE-25KBTF09BPX	9	19	74	23	25	
	RE-25KBTF10BPX	10	19	74	23	25	
	RE-25KBTF13BPX	13	19	74	23	25	

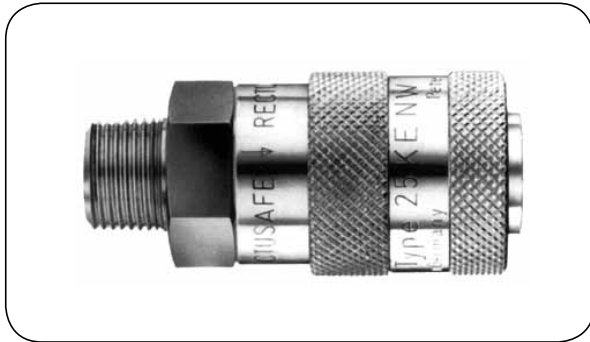
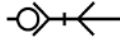
Plug with male thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	
	straight through						
	RE-25FAK10SXZ	1/8"	13	33	20	9	
	RE-25FAK13SXZ	1/4"	14	37	20	12	
	RE-25FAK17SXZ	3/8"	17	37	20	12	
	RE-25FAK21SXZ	1/2"	22	43	20	17	
	double shut-off						
	RE-25SBAW10MPX	1/8"	22	41	20	9	
	RE-25SBAW13MPX	1/4"	22	43	20	9	
	RE-25SBAW17MPX	3/8"	22	43	20	9	
	RE-25SBAW21MPX	1/2"	22	46	20	12	

Plug with female thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	
	straight through						
	RE-25SFIW10SXZ	1/8"	14	32	20	7	
	RE-25SFIW13SXZ	1/4"	17	33	20	9	
	RE-25SFIW17SXZ	3/8"	19	33	20	9	
	RE-25SFIW21SXZ	1/2"	24	36	20	12	
	double shut-off						
	RE-25SBIW13MPX	1/4"	22	43	20	10	
	RE-25SBIW17MPX	3/8"	22	43	20	10	
	RE-25SBIW21MPX	1/2"	24	46	20	12	

Plug with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	L2 [mm]	
	straight through							
	RE-25SFTF06SXZ	6		48	12	20	25	
	RE-25SFTF08SXZ	8		48	12	20	25	
	RE-25SFTF09SXZ	9		48	12	20	25	
	RE-25SFTF10SXZ	10		48	12	20	25	
	RE-25SFTF13SXZ	13		48	15	20	25	
	double shut-off							
	RE-25SBTF06MPX	6	21	60		20	25	
	RE-25SBTF08MPX	8	21	60		20	25	
	RE-25SBTF09MPX	9	21	60		20	25	
	RE-25SBTF10MPX	10	21	60		20	25	
	RE-25SBTF13MPX	13	21	60		20	25	

INDUSTRIAL FITTINGS - quick release couplings

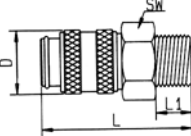
RECTUS couplings - self-venting system

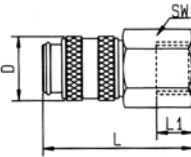


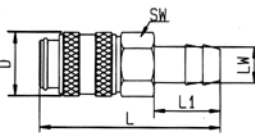
25KE series DN 7.8

Flow rate: 1800 l/min at entrance pressure
 $P_e = 6 \text{ bar}$ ($\Delta p = 0.5 \text{ bar}$, air)
Working press.: 8 bar
Working temp.: From -20°C up to $+60^\circ\text{C}$ (NBR)

- Material:** As a standard both the threaded part of a socket and the locking ferrule are made of brass, the body of a coupling is made of zinc-plated steel, valve of brass, spring of AISI 301 steel, locking pins and balls of AISI 420 steel, plug of hardened zinc-plated steel, sealing of NBR.
- Connection:** The couplings connect the same way as 25 series, by pushing the plug into the socket. The ferrule moves forward during this process and the plug is sealed and locked.
- Venting:** When the ferrule is pulled back, the first locking system is released. The valve of the coupling closes. Simultaneously the plug is pulled back and interlocked by the spring and air pressure in the second locking system. Then the compressed air freely escapes outside.
- Disconnection:** Once the pressure drops in the coupling, the ferrule can be pulled back, which causes the release of the second locking system. The connection can now be safely undone because there is pressure neither in the hose nor in the plug.
- Remarks:** Not recommended for direct connection to pneumatic tools, because vibration and oscillation shorten service life of the coupling.
 Safe operation of the coupling is only possible when it is connected to plugs made of hardened steel (check 25 series).

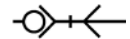
Socket with male thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	self-venting system					
	RE-25KEAK13SPN	1/4"	24	62	30	12
	RE-25KEAK17SPN	3/8"	24	62	30	12
	RE-25KEAK21SPN	1/2"	24	67	30	17

Socket with female thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	self-venting system					
	RE-25KEIW13SPN	1/4"	24	59	30	10
	RE-25KEIW17SPN	3/8"	24	56	30	9
	RE-25KEIW21SPN	1/2"	24	61	30	10

Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	self-venting system					
	RE-25KETF06SPN	6	24	76	30	25
	RE-25KETF08SPN	8	24	76	30	25
	RE-25KETF09SPN	9	24	76	30	25
	RE-25KETF10SPN	10	24	76	30	25
	RE-25KETF13SPN	13	24	76	30	25

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



1600KA series DN 7.8 1625KA series DN 7.8

Flow rate: 2020 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

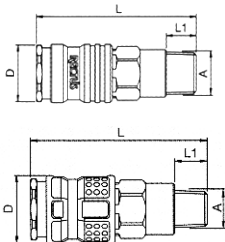
Working press.: 35 bar

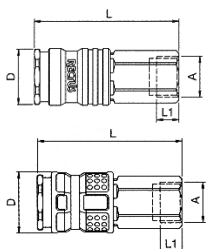
Working temp.: NBR: from -20°C up to +100°C
EPDM: from -40°C up to +120/150°C
Viton: from -15°C up to +200°C
(depending on the medium)
1625KA type from -20°C up to +80°C
with any sealing type

Material: The body of a socket made of QPQ treated steel, connection and ferrule of nickel-plated brass, plug of brass or zinc-plated hardened steel, spring of AISI 301 steel, balls and ring of AISI 420 steel, sealing of NBR. Sockets of 1625KA series have particularly robust, impact resistant, ergonomic, plastic ferrule.

Description: Another excellent variation of RECTUS 25 quick release coupling with improved flow efficiency and minimum coupling forces. For one hand operation.

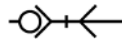
Application: Suitable for compressed air applications particularly where high flow efficiency is to be achieved with a small coupling.

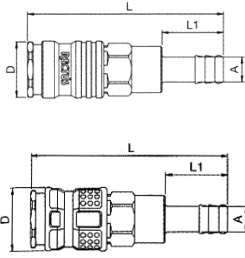
Socket with male thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-1600KAAK13SPN	1/4"	19	65	23	12
RE-1600KAAK17SPN	3/8"					
RE-1600KAAK21SPN	1/2"	22	59.5	26	17	
RE-1625KAAK13SPN	1/4"	19	65		12	
RE-1625KAAK17SPN	3/8"					
RE-1625KAAK21SPN	1/2"	22	59.5	17		

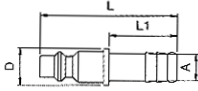
Socket with female thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-1600KAIW13SPN	1/4"	19	59	23	9
RE-1600KAIW17SPN	3/8"					
RE-1600KAIW21SPN	1/2"	24	62	26	12	
RE-1625KAIW13SPN	1/4"	19	59		9	
RE-1625KAIW17SPN	3/8"					
RE-1625KAIW21SPN	1/2"	24	62	12		

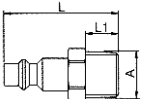
INDUSTRIAL FITTINGS - quick release couplings

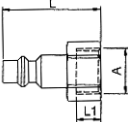
RECTUS couplings



Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	RE-1600KATF06SPN	6	19	80	23	25
RE-1600KATF08SPN	8					
RE-1600KATF09SPN	9					
RE-1600KATF10SPN	10					
RE-1600KATF13SPN	13					
RE-1625KATF06SPN	6	19	80	26	25	
RE-1625KATF08SPN	8					
RE-1625KATF09SPN	9					
RE-1625KATF10SPN	10					
RE-1625KATF13SPN	13					

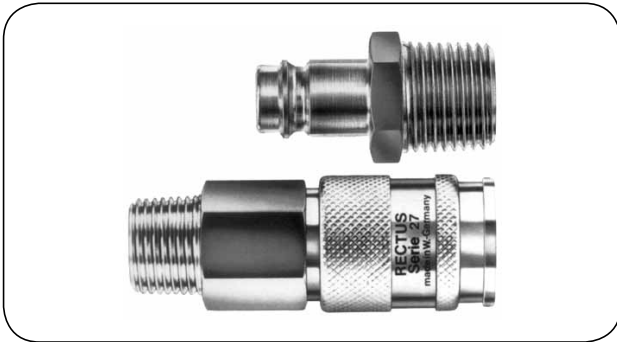
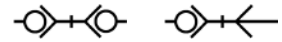
Plug with hose tail 	code	hose I.D. [mm]	L [mm]	D [mm]	L1 [mm]
	RE-25SFTF06SXZ	6	48	12	25
RE-25SFTF08SXZ	8				
RE-25SFTF09SXZ	9				
RE-25SFTF10SXZ	10				
RE-25SFTF13SXZ	13	15			

Plug with male thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	RE-25SFAK10SXZ	1/8"	13	33	9
RE-25SFAK13SXZ	1/4"	14	37	12	
RE-25SFAK17SXZ	3/8"	17			
RE-25SFAK21SXZ	1/2"	22	43	17	

Plug with female thread 	code	thread size	SW [mm]	L [mm]	L1 [mm]
	RE-25SFIW10SXZ	1/8"	14	30	7
RE-25SFIW13SXZ	1/4"	17	33	9	
RE-25SFIW17SXZ	3/8"	19			
RE-25SFIW21SXZ	1/2"	24	36	12	

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



27 series DN 10

Flow rate: 3500 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 35 bar

Working temp.: NBR: from -20°C up to +100°C
EPDM: from -40°C up to +120°C
Viton: from -15°C up to +200°C
Kalrez: from 0°C up to +316°C
(depending on the medium)

Material: As a standard both the threaded part and the body of a socket are made of brass, locking ferrule and plug are made of hardened zinc-plated steel, valve of brass, spring and ring of AISI 301 steel, balls of AISI 420 steel, sealing of NBR. Other materials are available on request.

Description: Optimum flow efficiency with respect to the size of the coupling is obtained by ULTRA-FLO valve. For one hand operation. Approved operation at low and high temperatures.

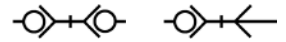
Application: Due to its extremely strong and robust design the coupling is used in heavy industry.

Socket with male thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-27KAAK13MPN	1/4"	24	63	27	12	
	RE-27KAAK17MPN	3/8"	24	63	27	12	
	RE-27KAAK21MPN	1/2"	24	65	27	17	
	RE-27KAAK26MPN	3/4"	27	65	27	17	
	double shut-off						
	RE-27KBAK13BPX	1/4"	24	63	27	12	
	RE-27KBAK17BPX	3/8"	24	63	27	12	
	RE-27KBAK21BPX	1/2"	24	65	27	17	
	RE-27KBAK26BPX	3/4"	27	65	27	17	

Socket with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-27KATF06MPN	6	24	76	27	25	
	RE-27KATF08MPN	8	24	76	27	25	
	RE-27KATF09MPN	9	24	76	27	25	
	RE-27KATF10MPN	10	24	76	27	25	
	RE-27KATF13MPN	13	24	76	27	25	
	RE-27KATF16MPN	16	24	76	27	25	
	RE-27KATF19MPN	19	24	76	27	25	
	double shut-off						
	RE-27KBTF06BPX	6	24	76	27	25	
	RE-27KBTF08BPX	8	24	76	27	25	
	RE-27KBTF09BPX	9	24	76	27	25	
	RE-27KBTF10BPX	10	24	76	27	25	
	RE-27KBTF13BPX	13	24	76	27	25	
	RE-27KBTF16BPX	16	24	76	27	25	
	RE-27KBTF19BPX	19	24	76	27	25	

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



Socket with female thread	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]	
	single shut-off						
	RE-27KAIW13MPN	1/4"	24	56	27	10	
	RE-27KAIW17MPN	3/8"	24	56	27	11	
	RE-27KAIW21MPN	1/2"	24	56	27	12	
	RE-27KAIW26MPN	3/4"	27	60	27	16	
	double shut-off						
	RE-27KBIW13BPX	1/4"	24	56	27	10	
	RE-27KBIW17BPX	3/8"	24	56	27	11	
	RE-27KBIW21BPX	1/2"	24	56	27	12	
	RE-27KBIW26BPX	3/4"	32	60	27	16	

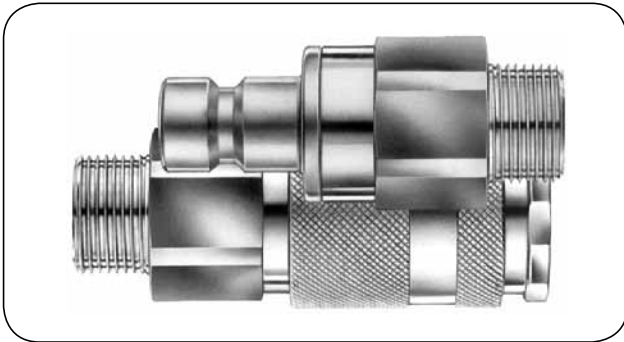
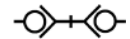
Plug with male thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	
	single shut-off						
	RE-27SFAK13SXN	1/4"	17	40	21.5	12	
	RE-27SFAK17SXN	3/8"	17	40	21.5	12	
	RE-27SFAK21SXN	1/2"	22	45	21.5	17	
	RE-27SFAK26SXN	3/4"	27	48	21.5	19	
	double shut-off						
	RE-27SBAK13MPX	1/4"	24	60.5	21.5	12	
	RE-27SBAK17MPX	3/8"	24	60.5	21.5	12	
	RE-27SBAK21MPX	1/2"	24	62.5	21.5	17	
	RE-27SBAK26MPX	3/4"	27	62.5	21.5	17	

Plug with female thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]	
	single shut-off						
	RE-27SFIW13SXN	1/4"	17	33	21.5	9	
	RE-27SFIW17SXN	3/8"	19	33	21.5	12	
	RE-27SFIW21SXN	1/2"	24	37	21.5	12	
	RE-27SFIW26SXN	3/4"	32	42	21.5	16	
	double shut-off						
	RE-27SBIW13MPX	1/4"	24	54.5	21.5	9	
	RE-27SBIW17MPX	3/8"	24	54.5	21.5	9	
	RE-27SBIW21MPX	1/2"	24	54.5	21.5	12	
	RE-27SBIW26MPX	3/4"	32	58.5	21.5	16	

Plug with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]	L2 [mm]	
	single shut-off							
	RE-27SFTF06SXN	6		48	15	21.5	25	
	RE-27SFTF08SXN	8		48	15	21.5	25	
	RE-27SFTF09SXN	9		48	15	21.5	25	
	RE-27SFTF10SXN	10		48	15	21.5	25	
	RE-27SFTF13SXN	13		48	15	21.5	25	
	RE-27SFTF16SXN	16		48	18	21.5	25	
	RE-27SFTF19SXN	19		49	21	21.5	25	
	double shut-off							
	RE-27SBTF06MPX	6	24	74		21.5	25	
	RE-27SBTF08MPX	8	24	74		21.5	25	
	RE-27SBTF09MPX	9	24	74		21.5	25	
	RE-27SBFF10MPX	10	24	74		21.5	25	
	RE-27SBTF13MPX	13	24	74		21.5	25	
	RE-27SBTF16MPX	16	24	74		21.5	25	
	RE-27SBTF19MPX	19	24	74		21.5	25	

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



57 series DN 12

Flow rate: 5400 l/min at entrance pressure
 $P_e = 6 \text{ bar}$ ($\Delta p = 0.5 \text{ bar}$, air)

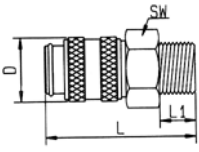
Working press.: 35 bar

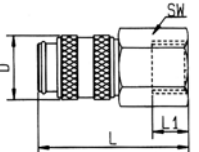
Working temp.: NBR: from -20°C up to $+100^\circ\text{C}$
 EPDM: from -40°C up to $+120^\circ\text{C}$
 Viton: from -15°C up to $+200^\circ\text{C}$
 (depending on the medium)

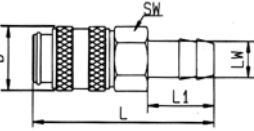
Material: As a standard the threaded part of a socket, body, locking ferrule, plug and valve are made of nickel-plated brass; spring and ring of AISI 301 steel, balls of AISI 420 steel, sealing of NBR.

Description: Due to its size and high flow rate 57 series couplings are commonly used in compressed air distribution systems. Suitable for fluids as well.

Application: Widely used in various branches of industry.

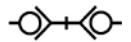
Socket with male thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	double shut-off					
	RE-57KBAW21BPN	1/2"	34	98	40	12
	RE-57KBAW26BPN	3/4"	34	100	40	16
	RE-57KBAW33BPN	1"	41	100	40	19

Socket with female thread 	code	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	double shut-off					
	RE-57KBIW21BPN	1/2"	34	100	40	19
	RE-57KBIW26BPN	3/4"	34	100	40	16
	RE-57KBIW33BPN	1"	41	101	40	20

Socket with hose tail 	code	hose I.D. [mm]	SW [mm]	L [mm]	D [mm]	L1 [mm]
	double shut-off					
	RE-57KBTF16BPN	16	34	122	40	36
	RE-57KBTF19BPN	19	34	122	40	36

INDUSTRIAL FITTINGS - quick release couplings

RECTUS couplings



Plug with male thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	double shut-off					
	RE-57SBAW17BPN	3/8"	34	86	30	12
	RE-57SBAW21BPN	1/2"	34	83	30	12
	RE-57SBAW26BPN	3/4"	34	85	30	16
	RE-57SBAW33BPN	1"	41	85	30	19

Plug with female thread	code	thread size	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	double shut-off					
	RE-57SBIW21BPN	1/2"	34	85	30	19
	RE-57SBIW26BPN	3/4"	34	85	30	16

Plug with hose tail	code	hose I.D. [mm]	SW [mm]	L [mm]	L1 [mm]	L2 [mm]
	double shut-off					
	RE-57SBTF13BPN	13	34	101	30	28
	RE-57SBTF16BPN	16	34	107	30	36
	RE-57SBTF19BPN	19	34	107	30	36

RECTUKEY couplings - with coded system



Coded couplings systems are used wherever an accidental wrong socket - plug connection is not acceptable because of the risk of media mix-up. The socket and the respective plug are colour coded and the connecting parts are of the same shape. The system is used for 21 and 25 series couplings.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings

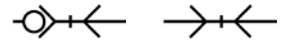
The following table enables finding the series, material and sealing of a coupling proper for the medium.

medium	DN	series	sealing			material		max. work. press. [bar]
			NBR	Viton	EPDM	steel	brass	
compressed air	5.5	1100	A	-	-	A	A	30
	6	1400	A	-	-	A	A	30
	6.8	1300	A	-	-	A	A	30
	10.4	1800	A	-	-	A	A	30
	22	2100	A	-	-	A	A	20
water (up to +80°C)	5.5	1100	A	-	-	B	A	30
	6.8	1300	A	-	-	B	A	30
	10.4	1800	A	-	-	B	A	30
	22	2100	A	-	-	B	A	20
	5	1100N	A	-	-	B	A	50
	6.8	1300N	A	-	-	B	A	50
	10	1800N	A	-	-	B	A	50
	6.8	1300H	A	-	-	B	A	100
10.5	1800H	A	-	-	B	A	100	
water (over +80°C)	5.5	1100	-	A	A	B	A	30
	6.8	1300	-	A	A	B	A	30
	10.4	1800	-	A	A	B	A	30
	22	2100	-	A	A	B	A	20
	5	1100N	-	A	A	B	A	50
	6.8	1300N	-	A	A	B	A	50
	10	1800N	-	A	A	B	A	50
	6.8	1300H	-	A	A	B	A	100
10.5	1800H	-	A	A	B	A	100	
steam (up to +150°C)	5	1100N	-	A	B	B	A	10
	10	1800N	-	A	B	B	A	10
gases	5.5	1100	A	-	-	B	A	30
	6.8	1300	A	-	-	B	A	30
	10.4	1800	A	-	-	B	A	30
diesel oil	5	1100N	B	A	-	A	A	50
	6.8	1300N	B	A	-	A	A	50
	10	1800N	B	A	-	A	A	50
petrol	5	1100N	-	A	-	A	A	50
	6.8	1300N	-	A	-	A	A	50
	10	1800N	-	A	-	A	A	50
heating oil	5	1100N	B	-	-	A	A	50
	6.8	1300N	B	-	-	A	A	50
	10	1800N	B	-	-	A	A	50
hydraulic oil	5	1100N	A	-	-	A	A	50
	6.8	1300N	A	-	-	A	A	50
	10	1800N	A	-	-	A	A	50
engine oil	5	1100N	A	-	-	A	A	50
	6.8	1300N	A	-	-	A	A	50
	10	1800N	A	-	-	A	A	50

A - recommended
B - conditional application

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1100 series DN 5.5

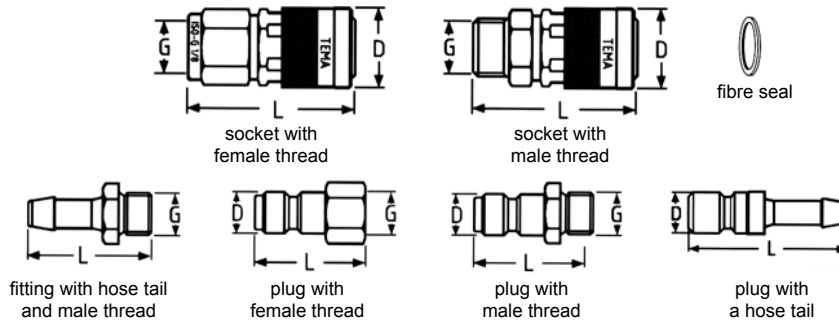
Flow rate: 840 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 30 bar

Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated hardened steel.

Description: General purpose couplings designed for compressed air, water, oil, fuel and gases. User friendly. High flow rate with small outer dimensions. The service life of seals is very long as they do not come into direct contact with the medium. The seal of the socket can be changed under pressure without any special tools.



description	code	male thread G [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1100		1/8	5.5	NBR	18	37	15	30		40	1)
	TA-P-1100A	1/4			NBR	18	38	15			35	1)
	TA-P-1100V		1/8		Viton	18	37	15			40	1)
	TA-P-1100AV	1/4			Viton	18	38	15			35	1)
fitting with hose tail and male thread	TA-P-1105	1/8					27	12		5	7	
	TA-P-1106									6	8	
plug with male thread	TA-P-11110	1/8			9.5	27	12	30			9	
plug with female thread	TA-P-11410		1/8		9.5	27	12	30			10	
plug with hose tail	TA-P-11005				9.5	34			30	5	6	
	TA-P-11006									6	7	
socket cap	TA-P-2315				PVC						3	
plug cap	TA-P-125				PVC						3	
O-ring	TA-P-11310N				NBR							
	TA-P-11310V				Viton							
fibre seal	TA-P-11320											

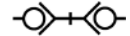
remarks:

1) version without valve is marked with UV at the end of a code

The 1100 series couplings must not be connected with 1100N series.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1100N series DN 4.8

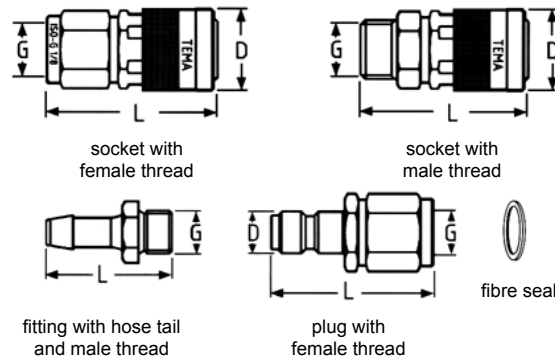
Flow rate: Kv = 0.57 for water
(9.5 l/min at $\Delta p = 1$ bar)

Working press.: 50 bar

Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of brass.

Description: General purpose double shut-off couplings designed for water, steam, oil and fuel. User friendly. High flow rate with small outer dimensions. The service life of seals is very long as they do not come into direct contact with the medium. The seal of a socket can be changed under pressure without any special tools.



description	code	male thread G [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1100N		1/8	4.8	NBR	18	37	15	50		40	1)
	TA-P-1100NEP				EPDM		37				40	1)
	TA-P-1100NA	1/4	NBR		38		35				1)	
	TA-P-1100NV		Viton		37		40				1)	
	TA-P-1100NAV	1/4	Viton		38		35				1)	
fitting with hose tail and male thread	TA-P-1105	1/8				27	12	30	5	7		
	TA-P-1106					6			8			
plug with female thread	TA-P-11410MN		1/8		NBR	9.5	36	15	20		20	1), 2)
	TA-P-11410MEP			EPDM	20						1), 2)	
	TA-P-11410MV			Viton	20						1), 2)	
socket cap	TA-P-2315				PVC						3	
plug cap	TA-P-125				PVC						3	
O-ring	TA-P-11310N				NBR							
	TA-P-11310EP				EPDM							
	TA-P-11310V				Viton							
fibre seal	TA-P-11320											

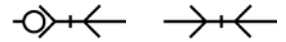
remarks:

- 1) max. working pressure for steam is 10 bar
- 2) made of brass

The 1100N series couplings must not be connected with 1100 series couplings.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1300 series DN 6.8

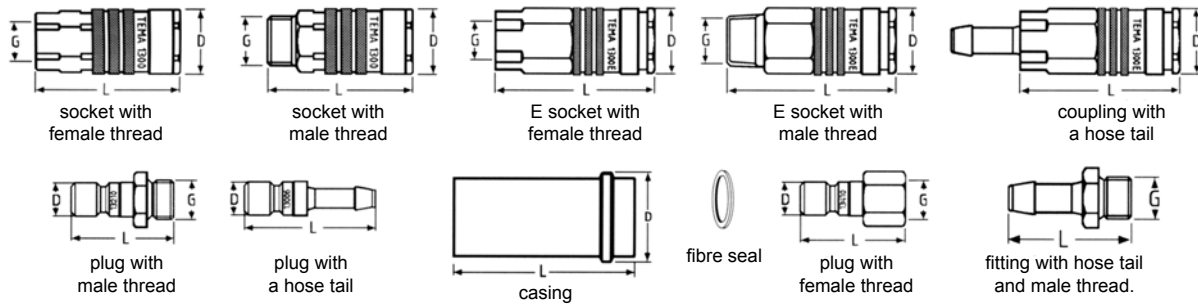
Flow rate: 1680 l/min at entrance pressure
 $P_e = 6 \text{ bar}$ ($\Delta p = 0.5 \text{ bar}$, air)

Working press.: 30 bar

Working temp.: NBR: from -40°C up to $+100^\circ\text{C}$
 Viton: from -25°C up to $+200^\circ\text{C}$
 EPDM: from -50°C up to $+150^\circ\text{C}$
 (depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated, hardened steel or brass. AISI 316 steel version is available on request.

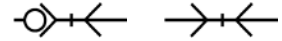
Description: General purpose couplings designed for compressed air, water, oil, fuel and gases. User friendly 1300E version is for one hand operation. High flow rate with small outer dimensions. Service life of the seals is very long as they do not come into direct contact with the medium. The seal of a socket can be changed under pressure without any special tools.



description	code	male thread G [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1300	3/8	1/4	6.8	NBR	22	49	18	30		81	3)
	TA-P-1300A		NBR		75		3)					
	TA-P-1300B		NBR		50		20	86			3)	
	TA-P-1300V		Viton		49		18	81			3)	
	TA-P-1300RV	Viton	76		3),5)							
	TA-P-1300AV	3/8						75			3)	
	TA-P-1300BV		3/8					86			3)	
	TA-P-1300BRV							81			3),5)	
socket E (one hand)	TA-P-1300E	3/8T	1/4	7.4	NBR	22	55	19	30		96	
	TA-P-1300EA	NBR	56		19		88					
	TA-P-1300EB	3/8	NBR		55		20	94				
	TA-P-1300EC	1/4T	NBR		58		19	92				
	TA-P-1300ED	1/2	NBR		57		23	108				
	TA-P-1300EEB		3/8		NBR		55	20			100	2)
E socket with hose tail (one hand)	TA-P-1300EK06			4.8	NBR	22	78	19	30		6	98
	TA-P-1300EK08		6.4	NBR	8						99	
	TA-P-1300EK10			NBR	10						100	
	TA-P-1300EK12		7.4	NBR	12						101	
	TA-P-1300EEK10			NBR	10						110	2)
fitting with hose tail and male thread	TA-P-1306	1/4					37	16	30		6	16
	TA-P-1308		8	17								
	TA-P-1310		10	19								
	TA-P-1312		12	21								

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



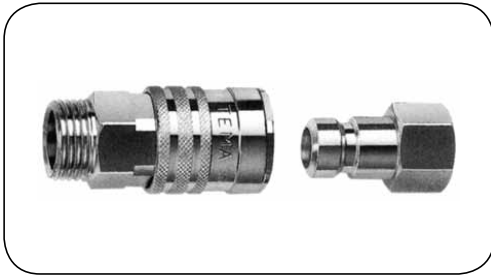
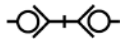
description	code	male thread G (4) [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
plug with male thread	TA-P-13110	1/8T				12	35	13	30		17	
	TA-P-13110R	1/8T			35		13	17			5)	
	TA-P-13110M	1/8							10		17	1)
	TA-P-13210	1/4			38		14	30	23			
	TA-P-13210A	1/4T			38		14		23			
	TA-P-13210M	1/4			35		16	10	25		1)	
	TA-P-13220	3/8T			38		17	30	27			
	TA-P-13230	1/2T			40		22		38			
plug with female thread	TA-P-13405		1/8			12	32	13	30		17	
	TA-P-13410		1/4				36	16			23	
	TA-P-13410R		1/4				44	18	10		23	5)
	TA-P-13411M		1/4				36	20	30		39	1)
	TA-P-13420		3/8								28	
plug with hose tail	TA-P-13006					12	44		30		6	14
	TA-P-13008				7						15	
	TA-P-13010				10						16	
	TA-P-13012				12						22	
socket cap	TA-P-1315				PVC						5	
plug cap	TA-P-1325				PVC						3	
seals	TA-P-13310N				NBR							
	TA-P-13310V				Viton							
O-ring (1300E)	TA-P-N7-9.3				NBR							
casing	TA-P-1300-351				PVC	33	73				15	
fibre seal	TA-P-13320											

remarks:

- 1) made of brass, suitable for water
- 2) TURBO version
- 3) version without a valve is marked with UV at the end of a code
- 4) T - cone thread
- 5) AISI 316 steel

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1300N series DN 5.8

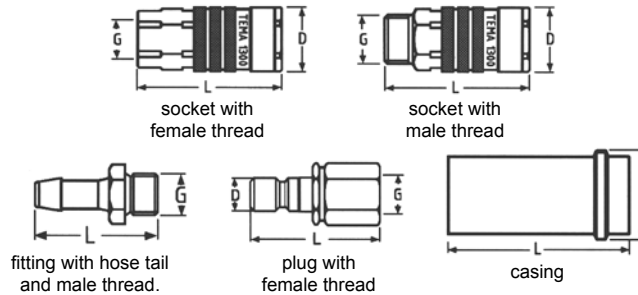
Flow rate: Kv = 0.81 for water
(13.5 l/min at $\Delta p = 1$ bar)

Working press.: 50 bar

Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated hardened steel or brass.

Description: General purpose double shut-off couplings designed for compressed water, steam, oil and fuel. User friendly. High flow rate with small outer dimensions. Service life of the seals is very long as they do not come into direct contact with the medium. The seal of a socket can be changed under pressure without any special tools.



description	code	male thread G [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks	
socket	TA-P-1300N		1/4	5.8	NBR	22	49	18	50		81	1)	
	TA-P-1300NA	3/8			NBR						75	1)	
	TA-P-1300NB		3/8		NBR						86	1)	
	TA-P-1300NV		1/4		Viton						81	1)	
	TA-P-1300NAV	3/8			Viton						75	1)	
	TA-P-1300NBV		3/8		Viton						86	1)	
fitting with hose tail and male thread	TA-P-1306	1/4				37	16	30		6	16		
	TA-P-1308									8	17		
	TA-P-1310									10	19		
	TA-P-1312									12	21		
plug with female thread	TA-P-13410MN		1/4		NBR	12	44	18	20		42	1), 2)	
	TA-P-13410STN				NBR						50	40	1), 3)
	TA-P-13410MNV				Viton						20	42	1), 2)
	TA-P-13410STNV				Viton						50	40	1), 3)
socket cap	TA-P-1315				PVC						5		
plug cap	TA-P-1325				PVC						3		
O-ring	TA-P-13310N				NBR								
	TA-P-13310V				Viton								
casing	TA-P-1300-351				PVC	33	73				15		
fibre seal	TA-P-13320												

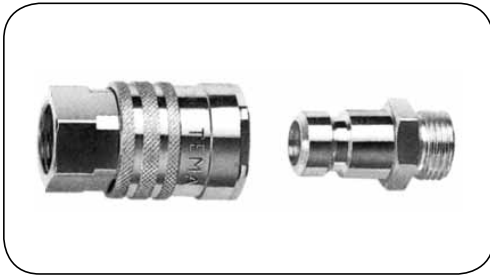
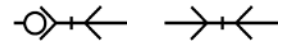
remarks:

- 1) max. working pressure for steam is 10 bar
- 2) made of brass
- 3) made of steel

The 1300N series couplings must not be connected with 1300 series couplings.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1800 series DN 10.4

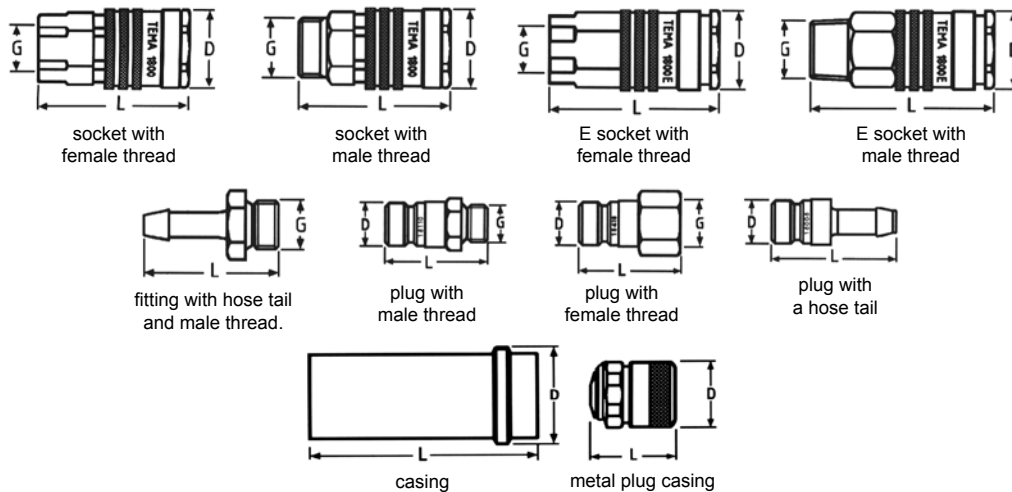
Flow rate: 3500 l/min at entrance pressure
Pe = 6 bar ($\Delta p = 0.5$ bar, air)

Working press.: 30 bar

Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated hardened steel or brass. AISI 316 steel version is also available.

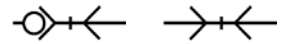
Description: General purpose couplings designed for compressed air, water, oil, fuel and gases. User friendly. 1800E version is for one hand operation. High flow rate with small outer dimensions. Service life of the seals is very long as they do not come into direct contact with the medium. The seal of a socket can be changed under pressure without any special tools.



description	code	male thread G (12) [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1800		3/8	10.4	NBR	27	54	22	30		125	11)
	TA-P-1800A	1/2			NBR						115	11)
	TA-P-1800B		1/2		NBR						130	11)
	TA-P-1800C		3/4		NBR						160	11)
	TA-P-1800L				NBR		125	2),11)				
	TA-P-1800SV		3/8		Viton		125	3),11)				
	TA-P-1800RV				Viton		115	4),7),11)				
	TA-P-1800V				Viton		125	11)				
	TA-P-1800AV	1/2			Viton		115	11)				
	TA-P-1800ARV				Viton		110	4),7),11)				
	TA-P-1800BV		1/2		Viton		130	11)				
	TA-P-1800BRV				Viton		135	4),7),11)				
	TA-P-1800CV		3/4		Viton		160	11)				
	TA-P-1800ST		3/8		NBR		122	9),11)				
	TA-P-1800AST	1/2			NBR		112	9),11)				
	TA-P-1800BST		1/2		NBR		127	9),11)				
socket E (one hand)	TA-P-1800E		3/8	10.2	NBR	27	60	23	30		146	
	TA-P-1800EA	1/2T			NBR						140	
	TA-P-1800EB		1/2		NBR		146					
	TA-P-1800EE		3/8		NBR		157	10)				
					NBR							

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



description	code	male thread. G (12) [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
fitting with hose tail and male thread	TA-P-1806	3/8					38	19	30	6	21	
	TA-P-1808									8	23	
	TA-P-1810									10	25	
	TA-P-1810R									10	22	4)
	TA-P-1812						12			29		
	TA-P-1812R						12			27	4)	
	TA-P-1816						16			29		
	TA-P-1816R						16			27	4)	
	TA-P-1819						19			34		
	TA-P-1912						43			21	12	36
plug with male thread	TA-P-18105	1/8T				16	36	16	30	26		
	TA-P-18110	1/4T					39			29		
	TA-P-18110MS	1/4					36		10	29	6)	
	TA-P-18210	3/8T					38	17	30	30		
	TA-P-18210R	3/8					36	19	30	31	4)	
	TA-P-18210SV	3/8					40	22	35	3)		
	TA-P-18220	1/2T					40		41			
	TA-P-18220M	1/2					40	10	44	1)		
	TA-P-18230	3/4T					43	27	30	66		
	plug with female thread	TA-P-18405						1/4			16	36
TA-P-18410		3/8	20	33								
TA-P-18410R			22	41	4)							
TA-P-18411M			49	60	1)							
TA-P-18420		1/2	39	25	53							
plug with hose tail	TA-P-18006					16	44	30	6	20		
	TA-P-18008								8	22		
	TA-P-18010								10	24		
	TA-P-18010M								10	10	24	1)
	TA-P-18012						45		30	12	27	
	TA-P-18012M								10	12	27	1)
	TA-P-18016								46	16	26	
	TA-P-18019									30	19	32
socket cap	TA-P-5025				PVC							
plug cap	TA-P-2525				PVC							
casing	TA-P-1800-35				PVC	37	41				10	
	TA-P-1800-351				PVC		78				20	
metal plug casing	TA-P-18415					23	27				45	8)
seals	TA-P-18310N				NBR							
	TA-P-18310V				Viton							
	TA-P-18310NE				NBR							13)
fibre seal	TA-P-18320											

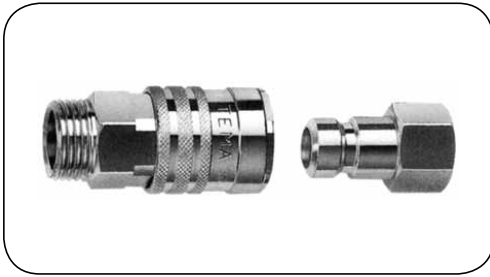
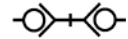
remarks:

- 1) made of brass, suitable for water
- 2) TA-P-1800L socket has a safety locking protection against unintentional disconnection
- 3) TA-P-1800SV socket can only be connected with TA-P-18210SV plug
- 4) made of stainless steel AISI 316
- 5) made of steel
- 6) plug TA-P-18110MS equipped with filter
- 7) max. working pressure for liquids is 50 bar
- 8) can be coupled with all plugs except TA-P-18210SV
- 9) locking ring made of steel
- 10) TURBO version
- 11) version without valve is marked with UV at the end of a code
- 12) T - cone thread
- 13) for TA-P-1800E socket

The 1800 series couplings must not be connected with 1800N series.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1800N series DN 9.5

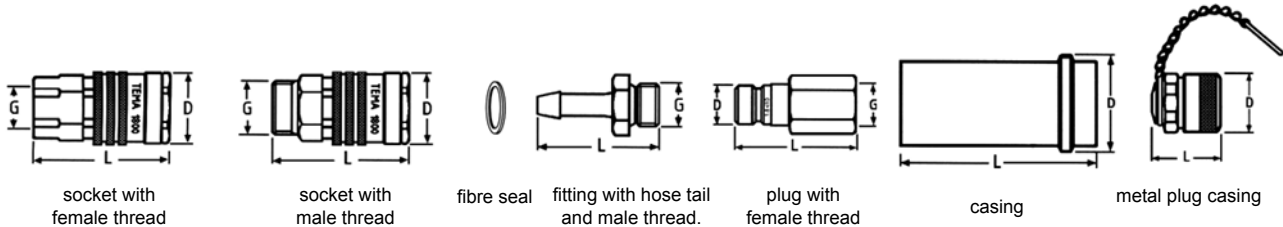
Flow rate: Kv = 2.08 for water
(34.7 l/min at $\Delta p = 1$ bar)

Working press.: 50 bar

Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated, hardened steel or brass. AISI 316 steel version is also available.

Description: General purpose double shut-off couplings designed for compressed water, steam, oil and fuel. User friendly. High flow rate with small outer dimensions. Service life of the seals is very long as they do not come into direct contact with the medium. The seal of a socket can be changed under pressure without any special tools.



description	code	male thread G [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1800N		3/8	9.5	NBR	27	54	22	50		125	1)
	TA-P-1800NA	1/2			NBR						115	1)
	TA-P-1800NB		1/2		NBR			24			130	1)
	TA-P-1800NBA		1/2		EPDM		25	138			1),5)	
	TA-P-1800NC		3/4		NBR		30	160			1)	
	TA-P-1800NV		3/8		Viton			125			1)	
	TA-P-1800NAV	1/2			Viton			115			1)	
	TA-P-1800NBV		1/2		Viton		24	130			1)	
	TA-P-1800NCV		3/4		Viton		30	160			1)	
fitting with hose tail and male thread	TA-P-1806	3/8					38	19	30	6	21	
	TA-P-1808									8	23	
	TA-P-1810									10	25	
	TA-P-1812									12	29	
	TA-P-1816									16	29	
	TA-P-1819									19	34	
plug with female thread	TA-P-18410MN	1/2 NPTF	3/8		NBR	16	49	22	10	70	1),2)	
	TA-P-18410STN									50	65	1),3)
	TA-P-18420MN									47	60	1),2),4)
	TA-P-18422MNA		1/2					NBR	25	10	90	1),5)
	TA-P-18410MNV							Viton		70	1),2)	
	TA-P-18410STV		3/8					Viton	22	50	65	1),3)
	TA-P-18422MNAV		1/2					Viton	25	10	90	1),5)
socket cap	TA-P-5025				PVC							
plug cap	TA-P-2525				PVC							
O-ring	TA-P-18310N				NBR							
	TA-P-18310V				Viton							
casing	TA-P-1800-35				PVC	37	41				10	
	TA-P-1800-351				PVC		78				20	
metal plug casing	TA-P-18415					23	27				45	
fibre seal	TA-P-18320											

remarks:

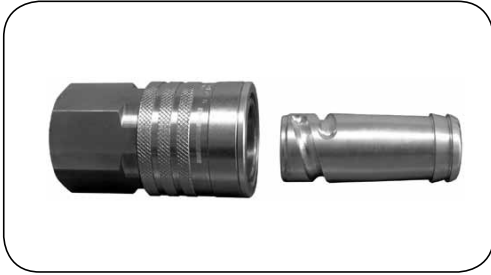
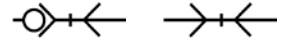
- 1) max. working pressure for steam is 10 bar
- 2) made of brass
- 3) made of steel

- 4) male thread 1/2" NPTF
- 5) made of brass resistant to dezincification

The 1800N series couplings must not be connected with 1800 series.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



2100 series DN 22

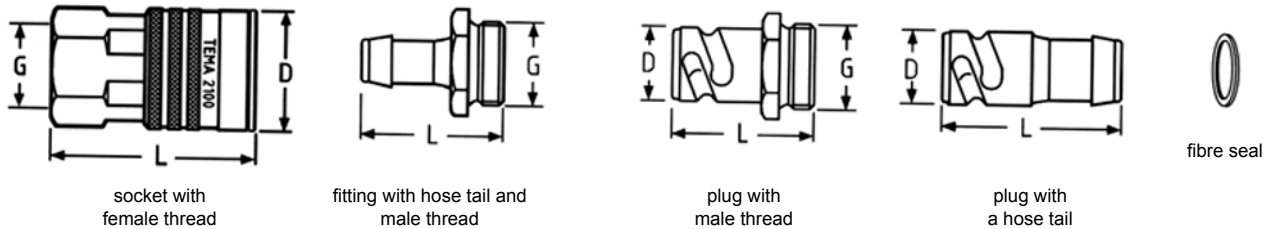
Flow rate: 12000 l/min at entrance pressure
 $P_e = 6 \text{ bar } (\Delta p = 0.5 \text{ bar, air})$

Working press.: 20 bar

Working temp.: NBR: from -40°C up to $+100^\circ\text{C}$
 Viton: from -25°C up to $+200^\circ\text{C}$
 (depending on the medium)

Material: The socket is made of brass, ferrule of zinc-plated steel, springs and balls of stainless steel, plug of zinc-plated and hardened steel.

Description: General purpose large diameter couplings designed mainly for compressed air. Suitable for fluids. High flow rate with small outer dimensions. Service life of the seals is very long as they do not come into direct contact with the medium. The seal of a socket can be changed under pressure without any special tools. The design of the coupling enables venting before disconnection.



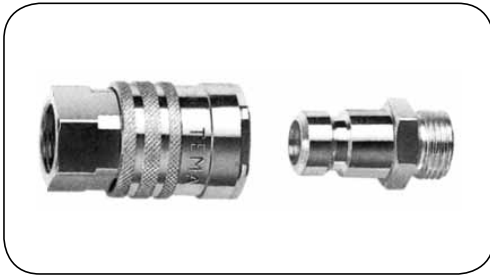
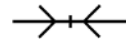
description	code	male thread G [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-2100		1	22	NBR	48	82	41	20		570	1)
	TA-P-2100V				Viton	48	82	41			570	1)
fitting with hose tail and male thread	TA-P-2119	1					57	37	20		19	122
	TA-P-2125						64	37			25	150
	TA-P-2132						64	37			32	200
plug with male thread	TA-P-21210	1				29	57	36	20		140	
plug with hose tail	TA-P-21019					29	74		20		19	120
	TA-P-21025						79				25	140
	TA-P-21032						79				32	200
socket cap	TA-P-10026				PVC						54	
plug cap	TA-P-5025				PVC						23	
O-ring	TA-P-21310N				NBR							
	TA-P-21310V				Viton							
fibre seal	TA-P-21320											

remarks:

1) version without valve is marked with UV at the end of a code.

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1300H series DN 6.8

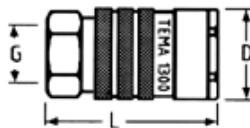
Flow rate: Kv = 2.45 for water
(40.8 l/min at $\Delta p = 1$ bar)

Working press.: 100 bar

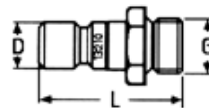
Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated hardened steel or brass.

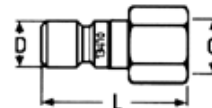
Description: Couplings without valves are designed for high pressure water. User friendly. High flow rate with small outer dimensions.



socket with female thread



plug with male thread



plug with female thread

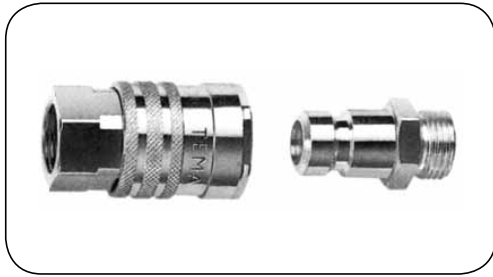
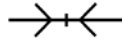
description	code	male thread G (3) [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure 2) [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1300H		1/4	6.8	NBR	22	41	18	100		70	
	TA-P-1300HV	Viton			70							
plug with male thread	TA-P-13110	1/8T				12	35	13	100		17	
	TA-P-13110M	1/8							10		17	1)
	TA-P-13210	1/4							100		23	
	TA-P-13210M	1/4							10		25	1)
	TA-P-13220	3/8T							100		27	
	TA-P-13230	1/2T							100		38	
plug with female thread	TA-P-13405		1/8			12	32	13	100		17	
	TA-P-13410		1/4						36		23	
	TA-P-13411M		3/8						44		39	1)
	TA-P-13420								36		28	
											100	
seals	TA-P-13310N				NBR							
	TA-P-13310V				Viton							

remarks:

- 1) made of brass
- 2) working pressure given for plugs - only for fluids
- 3) T - cone thread

INDUSTRIAL FITTINGS - quick release couplings

TEMA couplings



1800H series DN 10.5

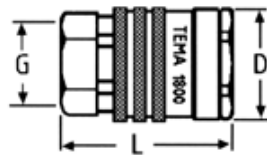
Flow rate: Kv = 5.2 for water
(86.7 l/min at $\Delta p = 1$ bar)

Working press.: 100 bar

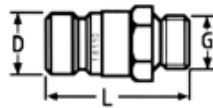
Working temp.: NBR: from -40°C up to +100°C
Viton: from -25°C up to +200°C
EPDM: from -50°C up to +150°C
(depending on the medium)

Material: The socket is made of nickel- and chrome-plated brass, springs and balls of stainless steel, plug of zinc-plated hardened steel or brass. AISI 316 is available on request.

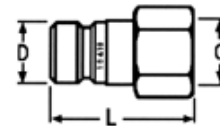
Description: Couplings without valves are designed for high pressure water. User friendly. High flow rate with small outer dimensions.



socket with female thread



plug with male thread



plug with female thread

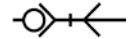
description	code	male thread G (4) [inch]	female thread G [inch]	DN [mm]	seal	D [mm]	L [mm]	spanner size [mm]	working pressure (3) [bar]	hose I.D. [mm]	weight [g]	remarks
socket	TA-P-1800H		3/8	10.5	NBR Viton	27	43	22	100		100	
	TA-P-1800HV										100	
plug with male thread	TA-P-18105	1/8T				16	36	16	100		26	
	TA-P-18110	1/4									29	
	TA-P-18110A	1/4T									31	
	TA-P-18210	3/8									30	
	TA-P-18210R	3/8									31	2)
	TA-P-18220	1/2T									41	
	TA-P-18220M	1/2									44	1)
	TA-P-18230	3/4T									66	
plug with female thread	TA-P-18405		1/4			16	35	16	100		30	
	TA-P-18410		3/8				36	20			33	
	TA-P-18410R						36	22			10	41
	TA-P-18411M		39									25
	TA-P-18420						1/2					
	seals	TA-P-18310N									NBR	
TA-P-18310V					Viton							

remarks:

- 1) made of brass
- 2) made of stainless steel
- 3) working pressure given for plugs - only for fluids
- 4) T - cone thread

INDUSTRIAL FITTINGS - quick release couplings

CEJN couplings





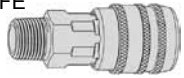
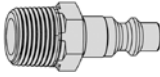
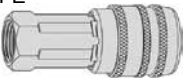

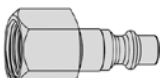
310 series DN 5.3

Material: Body - brass / zinc-plated steel
 Ferrule, plug - hardened zinc-plated steel
 Valve: brass

Flow rate: Spring and balls: stainless steel,
 925 l/min (Pe = 6 bar, Δp=0.5 bar)
 950 l/min - ESAFE (Pe = 6 bar, Δp=0.5 bar)

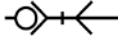
Working press.: 16 bar (safety factor 8.75)
Working temp.: From -20°C up to +100°C (NBR)

A single shut-off quick release coupling for general purpose application in industry, mainly in pneumatic systems. For one hand operation with minimum coupling force. Manufactured according to ISO 6150B (MIL C-4109). Available socket versions: STANDARD, ESAFE (vented safety version, vented before disconnection to avoid the risk of sudden separation, complies with ISO 4414 and EN 983 standard), SOFT-LINE (in soft housing, to protect quick release coupling from mechanical impact), MULTI-LINK (for modular connection systems).

picture	code	connection	picture	code	connection	
	CJ-103102002	6.3 mm		CJ-103105001	5 mm	
	CJ-103102003	8 mm		CJ-103105002	6.3 mm	
	CJ-103102009	9 mm		CJ-103105003	8 mm	
	CJ-103102004	10 mm		CJ-103105004	10 mm	
	CJ-103102005	13 mm		CJ-103105005	13 mm	
	CJ-103102152	1/4" BSPT male		CJ-103105151	1/8" BSPT male	
	CJ-103102154	3/8" BSPT male		CJ-103105152	1/4" BSPT male	
	CJ-103102155	1/2" BSPT male		CJ-103105154	3/8" BSPT male	
	CJ-103102202	1/4" BSP female		CJ-103105252	1/4" BSP male	
	CJ-103102204	3/8" BSP female		CJ-103105451	1/8" NPT male	
	CJ-103102205	1/2" BSP female		CJ-103105452	1/4" NPT male	
	CJ-103101240	1/4" BSP female		CJ-103105454	3/8" NPT male	
	CJ-103101241	3/8" BSP female		CJ-103105455	1/2" NPT male	
	CJ-103101446	1/4" NPT female			CJ-103105201	1/8" BSP female
	CJ-103101447	3/8" NPT female			CJ-103105202	1/4" BSP female
		CJ-103105204			3/8" BSP female	
		CJ-103105401	1/8" NPT female			
		CJ-103105402	1/4" NPT female			
		CJ-103105404	3/8" NPT female			

INDUSTRIAL FITTINGS - quick release couplings


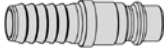

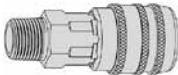
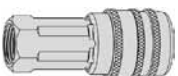



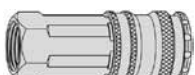
CEJN couplings



320 series DN 7.6

Material: Body - brass / zinc-plated steel
 Ferrule, plug - hardened zinc-plated steel
 Valve: brass
 Spring and balls: stainless steel,
Flow rate: 2100 l/min (Pe = 6 bar, Δp=0.5 bar)
 2250 l/min - ESAFE (Pe = 6 bar, Δp=0.5 bar)
Working press.: 16 bar (safety factor 8.75)
Working temp.: From -20°C up to +100°C (NBR)

A single shut-off quick release coupling for general purpose application in industry, mainly in pneumatic systems. For one hand operation with minimum coupling force. Manufactured according to Eurostandard 7.6. Available socket versions: STANDARD, ESAFE (vented safety version, vented before disconnection to avoid the risk of sudden separation, complies with ISO 4414 and EN 983 standard), SOFT-LINE (in soft housing, to protect quick release coupling from mechanical impact), MULTI-LINK (for modular connection systems).

picture	code	connection	picture	code	connection
	CJ-103202002	6.3 mm		CJ-103205001	5 mm
	CJ-103202003	8 mm		CJ-103205002	6.3 mm
	CJ-103202009	9 mm		CJ-103205003	8 mm
	CJ-103202004	10 mm		CJ-103205009	9 mm
	CJ-103202005	13 mm		CJ-103205004	10 mm
	CJ-103201932	6.3 mm		CJ-103205005	13 mm
	CJ-103201934	10 mm		CJ-103205151	1/8" BSPT male
	CJ-103201935	13 mm		CJ-103205152	1/4" BSPT male
	CJ-103202152	1/4" BSPT male		CJ-103205154	3/8" BSPT male
	CJ-103202154	3/8" BSPT male		CJ-103205155	1/2" BSPT male
	CJ-103202155	1/2" BSPT male	CJ-103205263	1/4" BSP male	
	CJ-103202202	1/4" BSP female		CJ-103205264	3/8" BSP male
	CJ-103202204	3/8" BSP female		CJ-103205265	1/2" BSP male
	CJ-103202205	1/2" BSP female		CJ-103205451	1/8" NPT male
	CJ-103201086	10 mm		CJ-103205452	1/4" NPT male
	CJ-103201087	13 mm		CJ-103205454	3/8" NPT male
	CJ-103201246	1/4" BSP female		CJ-103205455	1/2" NPT male
	CJ-103201247	3/8" BSP female		CJ-103205201	1/8" BSP female
	CJ-103201942	1/4" BSP female		CJ-103205202	1/4" BSP female
				CJ-103205204	3/8" BSP female
				CJ-103205205	1/2" BSP female
			CJ-103205401	1/8" NPT female	
			CJ-103205402	1/4" NPT female	
			CJ-103205404	3/8" NPT female	
			CJ-103205405	1/2" NPT female	

INDUSTRIAL FITTINGS - quick release couplings

CEJN couplings



324 series DN 6.2

Material: Body, ferrule, plug: nickel-plated brass
Valve: brass
Spring and balls: stainless steel

Flow rate: 42 l/min

Working press.: 35 bar (safety factor 6)

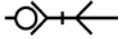
Working temp.: From -20°C up to +100°C (NBR)

A double shut-off quick release couplings widely used in industry, mainly for fluids. Due to their small size, they can be used in cooling systems in injection moulding. Made of nickel-plated brass. Sealing of NBR. Designed for one hand operation with little coupling force. Dust caps are supplied as a standard.

description	code	connection	seal	length [mm]	diameter [mm]	spanner size [mm]
Socket with hose tail	CJ-103241003	8 mm	NBR	68.3	23.4	20
	CJ-103241004	10 mm	NBR	67.3	23.4	20
	CJ-103241005	13 mm	NBR	66.3	23.4	20
Socket with male thread BSPT	CJ-103241152	1/4"	NBR	59.3	23.4	20
	CJ-103241154	3/8"	NBR	58.3	23.4	20
	CJ-103241155	1/2"	NBR	51.8	25.4	22
Socket with female thread BSP	CJ-103241202	1/4"	NBR	56.3	23.4	20
	CJ-103241204	3/8"	NBR	56.3	25.4	22
	CJ-103241205	1/2"	NBR	60.3	28.9	25
	CJ-103241212	1/4"	Viton	56.7	23.4	20
	CJ-103241222	1/4"	EPDM	56.7	23.4	20
Plug with female thread BSP	CJ-103246202	1/4"	NBR	52.1	23.1	20
	CJ-103246212	1/4"	FPM	52.1	23.1	20
	CJ-103246222	1/4"	EPDM	52.1	23.1	20
	CJ-103246402	1/4" NPT	NBR	52.1	23.1	20

INDUSTRIAL FITTINGS - quick release couplings

CEJN couplings



410 series DN 10.4

Material: Body - brass / zinc-plated steel
 Ferrule, plug - hardened zinc-plated steel
 Valve: brass

Flow rate: Spring and balls: stainless steel,
 3900 l/min (Pe = 6 bar, Δp=0.5 bar)
 4000 l/min - ESAFE (Pe = 6 bar, Δp=0.5 bar)

Working press.: 16 bar (safety factor 8.75)
Working temp.: From -20°C up to +100°C (NBR)

A single shut-off quick release coupling for general purpose application in industry, mainly in pneumatic systems. For one hand operation with minimum coupling force. Manufactured according to Eurostandard 10.4. Available socket versions: STANDARD and ESAFE (vented safety version, vented before disconnection to avoid the risk of sudden separation, complies with ISO 4414 and EN 983 standard).

picture	code	connection	picture	code	connection
	CJ-104102003	8 mm		CJ-104105002	6.3 mm
	CJ-104102004	10 mm		CJ-104105003	8 mm
	CJ-104102005	13 mm		CJ-104105004	10 mm
	CJ-104102006	16 mm		CJ-104105005	13 mm
	CJ-104102007	19 mm		CJ-104105006	16 mm
	CJ-104102154	3/8" BSPT male		CJ-104105007	19 mm
	CJ-104102155	1/2" BSPT male		CJ-104105152	1/4" BSPT male
	CJ-104102157	3/4" BSPT male	CJ-104105154	3/8" BSPT male	
	CJ-104102204	3/8" BSP female	CJ-104105155	1/2" BSPT male	
	CJ-104102205	1/2" BSP female	CJ-104105157	3/4" BSPT male	
	CJ-104102207	3/4" BSP female	CJ-104105454	3/8" NPT male	
			CJ-104105455	1/2" NPT male	
			CJ-104105457	3/4" NPT male	
			CJ-104105202	1/4" BSP female	
			CJ-104105204	3/8" BSP female	
			CJ-104105205	1/2" BSP female	
			CJ-104105207	3/4" BSP female	
			CJ-104105404	3/8" NPT female	
			CJ-104105405	1/2" NPT female	
		CJ-104105407	3/4" NPT female		

INDUSTRIAL FITTINGS - quick release couplings

CEJN couplings



Multi-Link

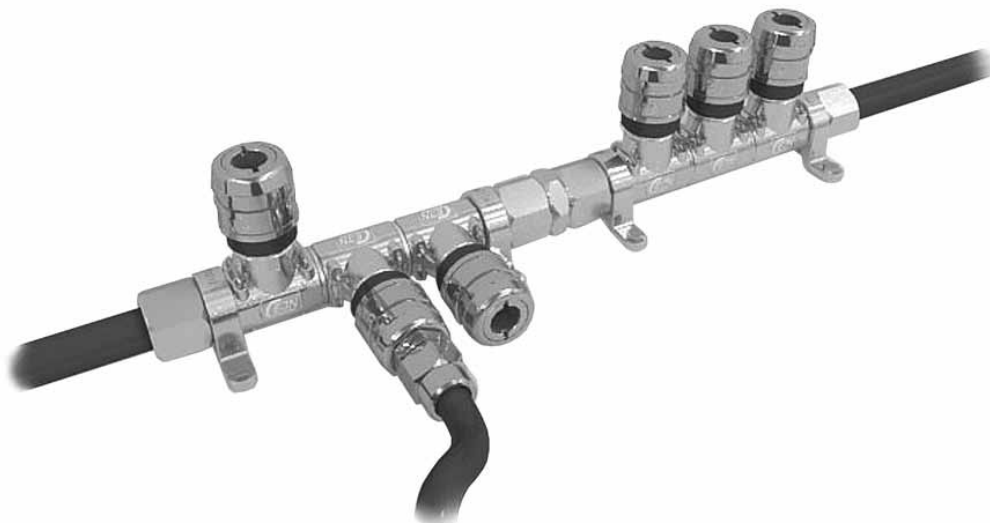
Material: Nickel-plated brass
Seal: NBR
Working press.: 10 bar
Working temp.: From -30°C up to +100°C

The Multi-Link system allows to connect several units using quick release couplings. Particularly recommended for applications where supplying several media under different pressure is required and the assembly space is limited or not easily accessible. Several media can be supplied simultaneously or selectively using of a shut-off valve in the Multi-Link system. The advantage of the Multi-Link system is quick and easy assembly of modules that can be positioned under different angles. These properties help to minimize the risk of hose kinking and ensure uninterrupted flow. The modules are offered with several standards e.g. ISO 6150B, Eurostandard 7.6. The Multi-Link system is compatible with CEJN 310 and 320 quick release couplings. The modules are available with female thread connection. Sockets of particular modules are in ESAFE version as well (vented safety version, vented before disconnection).

Multi-Link system assembly

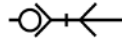
Connection of modules is achieved by inserting two modules reversed by 180° against each other and then aligning them back. A complete assembly of modules should be firmly bolted down (inlet and outlet module).

picture	code	description	thread
	CJ-199029922	2-module unit, 310 series	1/2" BSP female
	CJ-199029923	3-module unit, 310 series	
	CJ-199029942	2-module unit, 310 series, ESAFE version	
	CJ-199029943	3-module unit, 310 series, ESAFE version	
	CJ-199029912	2-module unit, 320 series	
	CJ-199029913	3-module unit, 320 series	
	CJ-199029932	2-module unit, 320 series, ESAFE version	
	CJ-199029933	3-module unit, 320 series, ESAFE version	



INDUSTRIAL FITTINGS - quick release couplings

NITTO KOHKI couplings



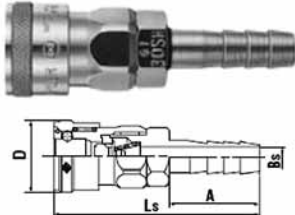
HI CUPLA

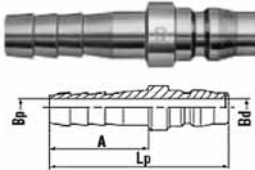
Flow rate: 4000 l/min (1"), 3200 l/min (3/4"),
2600 l/min (1/2"), 1600 l/min (3/8"),
1000 l/min (1/4") - at 5 bar

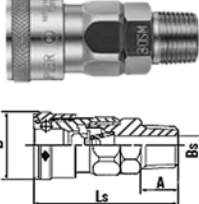
Working press.: 10 bar (brass), 15 bar (steel AISI 304)

Working temp.: NBR: from -20°C up to +80°C (standard)
Viton: from -20°C up to +180°C (option)

General purpose single shut-off quick release couplings, highly durable and resistant to vibrations. Designed to connect pneumatic tools to air installation (made of chromium-plated carbon steel) or water installations (made of brass, stainless steel). Standard sealing made of NBR, Viton as an option.
Attention! medium must always flow from socket to plug.

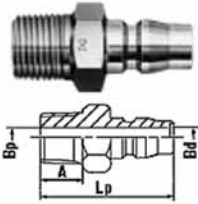
Socket with hose tail 	code (brass)	code (carbon steel)	code (AISI 304)	hose DN [inch]	Ls [mm]	D [mm]	A [mm]	Bs [mm]
		NK-20SH-B	NK-20SH-S	NK-20SH-SS	1/4	72.5	26.5	30
	NK-30SH-B	NK-30SH-S	NK-30SH-SS	3/8	76.5	26.5	34	7.5
	NK-40SH-B	NK-40SH-S	NK-40SH-SS	1/2	78.5	26.5	36	9
	NK-400SH-B	NK-400SH-S	NK-400SH-SS	1/2	83	35	36	9
	NK-600SH-B	NK-600SH-S	NK-600SH-SS	3/4	92	35	45	14
	NK-800SH-B	NK-800SH-S	NK-800SH-SS	1	102	35	55	16

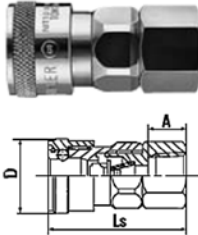
Plug with hose tail 	code (brass)	code (carbon steel)	code (AISI 304)	hose DN [inch]	Lp [mm]	A [mm]	Bp [mm]	Bd [mm]
		NK-20PH-B	NK-20PH-S	NK-20PH-SS	1/4	57	30	5
	NK-30PH-B	NK-30PH-S	NK-30PH-SS	3/8	61	34	7.5	7.5
	NK-40PH-B	NK-40PH-S	NK-40PH-SS	1/2	63	36	7.5	7.5
	NK-400PH-B	NK-400PH-S	NK-400PH-SS	1/2	66	36	9	13
	NK-600PH-B	NK-600PH-S	NK-600PH-SS	3/4	77	45	13	13
	NK-800PH-B	NK-800PH-S	NK-800PH-SS	1	85	54	20	13

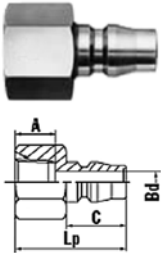
Socket with BSPT male thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Ls [mm]	D [mm]	A [mm]	Bs [mm]
		NK-20SM-B	NK-20SM-S	NK-20SM-SS	1/4	55.5	26.5	13
	NK-30SM-B	NK-30SM-S	NK-30SM-SS	3/8	56.5	26.5	14	8
	NK-40SM-B	NK-40SM-S	NK-40SM-SS	1/2	59.5	26.5	16	9
	NK-400SM-B	NK-400SM-S	NK-400SM-SS	1/2	63	35	16	13
	NK-600SM-B	NK-600SM-S	NK-600SM-SS	3/4	67	35	19	16
	NK-800SM-B	NK-800SM-S	NK-800SM-SS	1	72	35	22	16

INDUSTRIAL FITTINGS - quick release couplings

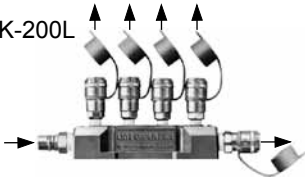
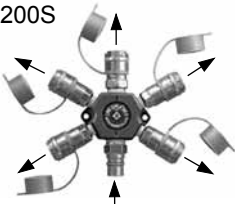
NITTO KOHKI couplings

Plug with BSPT male thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Lp [mm]	A [mm]	Bp [mm]	Bd [mm]
	NK-20PM-B	NK-20PM-S	NK-20PM-SS	1/4	41	13	7.5	7.5
	NK-30PM-B	NK-30PM-S	NK-30PM-SS	3/8	42	14	7.5	7.5
	NK-40PM-B	NK-40PM-S	NK-40PM-SS	1/2	46	16	12	7.5
	NK-400PM-B	NK-400PM-S	NK-400PM-SS	1/2	50	16	13	13
	NK-600PM-B	NK-600PM-S	NK-600PM-SS	3/4	55	18	19	13
	NK-800PM-B	NK-800PM-S	NK-800PM-SS	1	63	22	22	13

Socket with BSPT female thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Ls [mm]	A [mm]	D [mm]
	NK-20SF-B	NK-20SF-S	NK-20SF-SS	1/4	49.5	13	26.5
	NK-30SF-B	NK-30SF-S	NK-30SF-SS	3/8	50.5	14	26.5
	NK-40SF-B	NK-40SF-S	NK-40SF-SS	1/2	52.5	15	26.5
	NK-400SF-B	NK-400SF-S	NK-400SF-SS	1/2	57	15	35
	NK-600SF-B	NK-600SF-S	NK-600SF-SS	3/4	61	17	35
	NK-800SF-B	NK-800SF-S	NK-800SF-SS	1	68	22	35

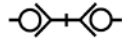
Plug with BSPT female 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Lp [mm]	A [mm]	C [mm]	Bd [mm]
	NK-20PF-B	NK-20PF-S	NK-20PF-SS	1/4	36	13	20	7.5
	NK-30PF-B	NK-30PF-S	NK-30PF-SS	3/8	37	14	20	7.5
	NK-40PF-B	NK-40PF-S	NK-40PF-SS	1/2	38	15	20	7.5
	NK-400PF-B	NK-400PF-S	NK-400PF-SS	1/2	41	15	23	13
	NK-600PF-B	NK-600PF-S	NK-600PF-SS	3/4	45	17	23	13
	NK-800PF-B	NK-800PF-S	NK-800PF-SS	1	54	22	23	13

HI CUPLA - divider system

NK-200L  NK-200S 	code	connection		description
		inlet (plug)	outlet (socket)	
NK-200L	1/2"	1 x 1/2" 4 x 1/4"		HI CUPLA divider system (version of chromium-plated steel with caps). Body material: aluminium. Seal: NBR. Working press: 15 bar. Working temp.: from -5°C up to +60°C
NK-200S	1/2"	1 x 1/2" 4 x 1/4"		

INDUSTRIAL FITTINGS - quick release couplings

NITTO KOHKI couplings



SP CUPLA type A

Working press.: Brass

50 bar (1/8", 1/4", 3/8")
30 bar (1/2", 3/4", 1")
20 bar (1.1/4", 1.1/2")
15 bar (2")

Carbon steel, AISI 304

75 bar (1/8", 1/4", 3/8")
45 bar (1/2", 3/4", 1")
30 bar (1.1/4", 1.1/2")
20 bar (2")

Working temp.: NBR: from -20°C up to +80°C (standard)

Viton: from -20°C up to +180°C (option)

EPDM: from -40°C up to +150°C (option)

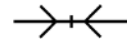
A general purpose double shut-off quick release coupling which features excellent durability. It is used for water, hydraulic oil, steam, chemicals, air and gases. Material: brass, chromium-plated carbon steel, stainless steel. It is also available with BSP female thread from 1/4" to 1".

Socket with BSPT female thread	code	code	code	thread	Ls	D	Hs
	(brass)	(carbon steel)	(AISI 304)	size [inch]	[mm]	[mm]	[mm]
	NK-1S-A-B	-	NK-1S-A-SS	1/8	48	24	14
	NK-2S-A-B	NK-2S-A-S	NK-2S-A-SS	1/4	58	28	19
	NK-3S-A-B	NK-3S-A-S	NK-3S-A-SS	3/8	65	35	21
	NK-4S-A-B	NK-4S-A-S	NK-4S-A-SS	1/2	72	45	29
	NK-6S-A-B	NK-6S-A-S	NK-6S-A-SS	3/4	88	55	35
	NK-8S-A-B	NK-8S-A-S	NK-8S-A-SS	1	102	65	41
	NK-10S-A-B	NK-10S-A-S	NK-10S-A-SS	1.1/4	115	77	54
	NK-12S-A-B	NK-12S-A-S	NK-12S-A-SS	1.1/2	124	88	63
	NK-16S-A-B	NK-16S-A-S	NK-16S-A-SS	2	132	108	77

Plug with BSPT female thread	code	code	code	thread	Lp	C	Hp
	(brass)	(carbon steel)	(AISI 304)	size [inch]	[mm]	[mm]	[mm]
	NK-1P-A-B	-	NK-1P-A-SS	1/8	29	19	14
	NK-2P-A-B	NK-2P-A-S	NK-2P-A-SS	1/4	36	22	17
	NK-3P-A-B	NK-3P-A-S	NK-3P-A-SS	3/8	40	25	21
	NK-4P-A-B	NK-4P-A-S	NK-4P-A-SS	1/2	44	28	29
	NK-6P-A-B	NK-6P-A-S	NK-6P-A-SS	3/4	52	36	35
	NK-8P-A-B	NK-8P-A-S	NK-8P-A-SS	1	62	40	41
	NK-10P-A-B	NK-10P-A-S	NK-10P-A-SS	1.1/4	70	45	54
	NK-12P-A-B	NK-12P-A-S	NK-12P-A-SS	1.1/2	75	49	63
	NK-16P-A-B	NK-16P-A-S	NK-16P-A-SS	2	80	52	77

INDUSTRIAL FITTINGS - quick release couplings

NITTO KOHKI couplings



TSP CUPLA

Working press.: Brass

50 bar (1/8", 1/4", 3/8")
30 bar (1/2", 3/4", 1")
20 bar (1.1/4", 1.1/2")
15 bar (2")

Carbon steel, AISI 304

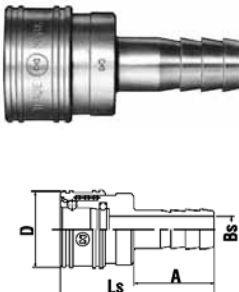
75 bar (1/8", 1/4", 3/8")
45 bar (1/2", 3/4", 1")
30 bar (1.1/4", 1.1/2")
20 bar (2")

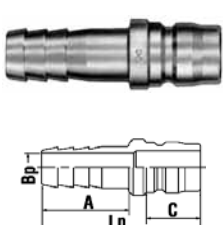
Working temp.: NBR: from -20°C up to +80°C (standard)

Viton: from -20°C up to +180°C (option)

EPDM: from -40°C up to +150°C (option)

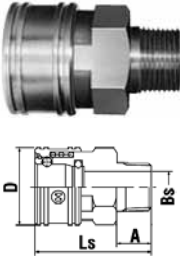
A general purpose full flow quick release couplings which feature excellent durability. It is used for water, hydraulic oils, steam, chemicals, air and gases. Material: brass, nickel-plated carbon steel, stainless steel. Especially recommended for high viscosity fluids, e.g. lubricants. It is also available with BSP female thread from 1/4" to 1".

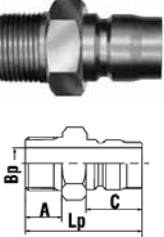
Socket with hose tail 	code (brass)	code (carbon steel)	code (AISI 304)	hose DN [inch]	Ls [mm]	D [mm]	A [mm]	Bs [mm]
	NK-1TSH-B	-	NK-1TSH-SS	1/8	40	17.5	20	3
NK-2TSH-B	NK-2TSH-S	NK-2TSH-SS	1/4	55	24	29	5	
NK-3TSH-B	NK-3TSH-S	NK-3TSH-SS	3/8	62	28	32	7	
NK-4TSH-B	NK-4TSH-S	NK-4TSH-SS	1/2	74	35	39	10	
NK-6TSH-B	NK-6TSH-S	NK-6TSH-SS	3/4	90	45	48	15	
NK-8TSH-B	NK-8TSH-S	NK-8TSH-SS	1	102	58	57	19	
NK-10TSH-B	NK-10TSH-S	NK-10TSH-SS	1.1/4	117	69	70	26	
NK-12TSH-B	NK-12TSH-S	NK-12TSH-SS	1.1/2	128	75	75	32	
NK-16TSH-B	NK-16TSH-S	NK-16TSH-SS	2	141	98	80	40	


Plug with hose tail 	code (brass)	code (carbon steel)	code (AISI 304)	hose DN [inch]	Lp [mm]	C [mm]	A [mm]	Bp [mm]
	NK-1TPH-B	-	NK-1TPH-SS	1/8	41	15.5	20	3
NK-2TPH-B	NK-2TPH-S	NK-2TPH-SS	1/4	53	18	29	5	
NK-3TPH-B	NK-3TPH-S	NK-3TPH-SS	3/8	60	21	32	7	
NK-4TPH-B	NK-4TPH-S	NK-4TPH-SS	1/2	70	24	39	10	
NK-6TPH-B	NK-6TPH-S	NK-6TPH-SS	3/4	84	28	48	15	
NK-8TPH-B	NK-8TPH-S	NK-8TPH-SS	1	105	36	57	19	
NK-10TPH-B	NK-10TPH-S	NK-10TPH-SS	1.1/4	121	39	70	26	
NK-12TPH-B	NK-12TPH-S	NK-12TPH-SS	1.1/2	132	45	75	32	
NK-16TPH-B	NK-16TPH-S	NK-16TPH-SS	2	142	51	80	40	

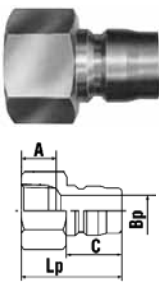
INDUSTRIAL FITTINGS - quick release couplings

NITTO KOHKI couplings

Socket with BSPT male thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Ls [mm]	D [mm]	A [mm]	Bs [mm]
	NK-1TSM-B	-	NK-1TSM-SS	1/8	30	17.5	9	4.5
	NK-2TSM-B	NK-2TSM-S	NK-2TSM-SS	1/4	42	24	13	6.5
	NK-3TSM-B	NK-3TSM-S	NK-3TSM-SS	3/8	46	28	13	10
	NK-4TSM-B	NK-4TSM-S	NK-4TSM-SS	1/2	56	35	17	13
	NK-6TSM-B	NK-6TSM-S	NK-6TSM-SS	3/4	65	45	19	18
	NK-8TSM-B	NK-8TSM-S	NK-8TSM-SS	1	76	58	22	24
	NK-10TSM-B	NK-10TSM-S	NK-10TSM-SS	1.1/4	86	69	25	32
	NK-12TSM-B	NK-12TSM-S	NK-12TSM-SS	1.1/2	95	75	25	38
NK-16TSM-B	NK-16TSM-S	NK-16TSM-SS	2	108	98	29	49	

Plug with BSPT male thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Lp [mm]	C [mm]	A [mm]	Bp [mm]
	NK-1TPM-B	-	NK-1TPM-SS	1/8	32	15.5	9	4.5
	NK-2TPM-B	NK-2TPM-S	NK-2TPM-SS	1/4	38	18	13	6.5
	NK-3TPM-B	NK-3TPM-S	NK-3TPM-SS	3/8	43	21	13	10
	NK-4TPM-B	NK-4TPM-S	NK-4TPM-SS	1/2	52	24	17	13
	NK-6TPM-B	NK-6TPM-S	NK-6TPM-SS	3/4	59	28	19	17
	NK-8TPM-B	NK-8TPM-S	NK-8TPM-SS	1	73	36	22	25
	NK-10TPM-B	NK-10TPM-S	NK-10TPM-SS	1.1/4	83	39	23	32
	NK-12TPM-B	NK-12TPM-S	NK-12TPM-SS	1.1/2	93	45	26	38
NK-16TPM-B	NK-16TPM-S	NK-16TPM-SS	2	102	51	27	50	

Socket with BSPT female thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Ls [mm]	D [mm]	A [mm]
	NK-1TSF-B	-	NK-1TSF-SS	1/8	27	17.5	9
	NK-2TSF-B	NK-2TSF-S	NK-2TSF-SS	1/4	32	24	13
	NK-3TSF-B	NK-3TSF-S	NK-3TSF-SS	3/8	35	28	13
	NK-4TSF-B	NK-4TSF-S	NK-4TSF-SS	1/2	42	35	17
	NK-6TSF-B	NK-6TSF-S	NK-6TSF-SS	3/4	48	45	19
	NK-8TSF-B	NK-8TSF-S	NK-8TSF-SS	1	59	58	22
	NK-10TSF-B	NK-10TSF-S	NK-10TSF-SS	1.1/4	64	69	23
	NK-12TSF-B	NK-12TSF-S	NK-12TSF-SS	1.1/2	71	75	23
NK-16TSF-B	NK-16TSF-S	NK-16TSF-SS	2	80	98	27	

Plug with BSPT female thread 	code (brass)	code (carbon steel)	code (AISI 304)	thread size [inch]	Lp [mm]	C [mm]	A [mm]	Bp [mm]
	NK-1TPF-B	-	NK-1TPF-SS	1/8	26	15.5	9	4.5
	NK-2TPF-B	NK-2TPF-S	NK-2TPF-SS	1/4	34	18	13	6.5
	NK-3TPF-B	NK-3TPF-S	NK-3TPF-SS	3/8	38	21	13	10
	NK-4TPF-B	NK-4TPF-S	NK-4TPF-SS	1/2	45	24	17	13
	NK-6TPF-B	NK-6TPF-S	NK-6TPF-SS	3/4	51	28	19	17
	NK-8TPF-B	NK-8TPF-S	NK-8TPF-SS	1	60	36	22	26
	NK-10TPF-B	NK-10TPF-S	NK-10TPF-SS	1.1/4	64	39	25	32
	NK-12TPF-B	NK-12TPF-S	NK-12TPF-SS	1.1/2	75	45	25	38
NK-16TPF-B	NK-16TPF-S	NK-16TPF-SS	2	83	51	29	50	

INDUSTRIAL FITTINGS - quick release couplings

NITTO KOHKI couplings



PCV PIPE CUPLA

Material: Brass
Seal: CR, Viton or HNBR
Working press.: 46 bar (vacuum down to 0.13 Pa)
Working temp.: From -20°C up to +80°C (CR)
 From -20°C up to +180°C (Viton)
 From -20°C up to +80°C (HNBR)

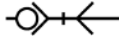
Push-in quick release couplings are designed to connect straight copper pipes with other parts of installation. Once a pipe is inserted into the coupling and clamped with the lever, a firm and tight double seal is created. A specified position works as a dust cap. Used with gaseous media (air, nitrogen, cooling agents - R12, R22, R134a freons with compression oil). Sealing must be selected according to the medium. Application: tank tightness pressure tests, emptying and filling of air conditioning systems, refrigerators, etc. The couplings are manufactured in Japan.

	pipe O.D.	male thread	code
	4 mm		1/4" BSPT
		3/8" BSPT	NK-PCV400-3
3/16" (4.76 mm)		1/4" BSPT	NK-PCV470-2
		3/8" BSPT	NK-PCV470-3
		cap	NK-PCV470-0
5 mm		1/4" BSPT	NK-PCV500-2
		3/8" BSPT	NK-PCV500-3
6 mm		1/4" BSPT	NK-PCV600-2
		3/8" BSPT	NK-PCV600-3
		cap	NK-PCV600-0
1/4" (6.35 mm)		1/4" BSPT	NK-PCV630-2
		3/8" BSPT	NK-PCV630-3
		cap	NK-PCV630-0
8 mm		1/4" BSPT	NK-PCV800-2
		3/8" BSPT	NK-PCV800-3
		cap	NK-PCV800-0
3/8" (9.52 mm)		1/4" BSPT	NK-PCV950-2
		3/8" BSPT	NK-PCV950-3
		cap	NK-PCV950-0
10 mm		1/4" BSPT	NK-PCV1000-2
		3/8" BSPT	NK-PCV1000-3
1/2" (12.7 mm)		3/8" BSPT	NK-PCV1270-3
		cap	NK-PCV1270-0
5/8" (15.88 mm)		3/8" BSPT	NK-PCV1590-3
		cap	NK-PCV1590-0

	min. pipe length L [mm]	min. wall thickness diameter [mm]	coupling type
	19	20.5	0.8
PCV470			
PCV500			
PCV600			
PCV630			
30	1	1	PCV800
			PCV950
			PCV1000
			PCV1270
			PCV1590

INDUSTRIAL FITTINGS - quick release couplings

GROMELLE couplings - SAFELINE series



ISO 6150B type DN 5.5, DN 8

Flow rate: DN 5.5 - 700 l/min., DN 8 - 1590 l/min. at entrance pressure $P_e = 6$ bar ($\Delta p = 0.6$ bar)
Working press.: 16 bar
Working temp.: From -20°C up to +100°C

Material: The body of a socket - duralumin, connection - nickel-plated brass, push button - hardened steel, valve - zinc-plated steel, plug - zinc-plated steel, sealing - NBR.
Description: Compact and lightweight single shut-off coupling for air transfer. Equipped with button locking system, ensuring safe disconnection of a hose.
Interchangeable: All couplings with the design of a plug compliant with ISO 6150B and MIL C 4109 (DN 5.5, DN 8).

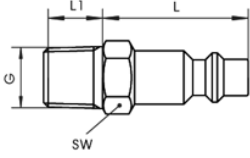
	code	full flow DN	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GD1053615	5.5	1/4" BSP	19	64	26	12
GR-GD1053614	5.5	1/4" BSPT	17	66	26	13	
GR-GD1053639	5.5	3/8" BSP	22	65	26	12	
GR-GD1053638	5.5	3/8" BSPT	17	66	26	15	
GR-GD1053613	5.5	1/2" BSP	27	67	26	14	
GR-GD1053612	5.5	1/2" BSPT	22	65	26	17	
GR-ID1096015	8	1/4" BSP	22	76	34	12	
GR-ID1096014	8	1/4" BSPT	22	76	34	13	
GR-ID1096039	8	3/8" BSP	22	76	34	12	
GR-ID1096038	8	3/8" BSPT	22	76	34	15	
GR-ID1096013	8	1/2" BSP	27	76	34	14	
GR-ID1096012	8	1/2" BSPT	22	76	34	17	

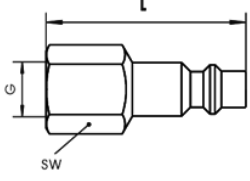
	code	full flow DN	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GD1052614	5.5	1/4" BSP	17	76	26	-
GR-GD1052638	5.5	3/8" BSP	22	81	26	-	
GR-GD1052612	5.5	1/2" BSP	27	83	26	-	
GR-ID1097014	8	1/4" BSP	22	88	34	-	
GR-ID1097038	8	3/8" BSP	22	91	34	-	
GR-ID1097012	8	1/2" BSP	27	94	34	-	

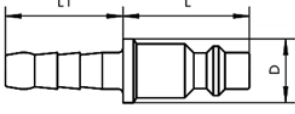
	code	full flow DN	hose I.D.	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GD1055667	5.5	6 mm	17	65	26	28
GR-GD1055678	5.5	7 mm	17	65	26	28	
GR-GD1055689	5.5	8 mm	17	65	26	28	
GR-GD1055690	5.5	9 mm	17	65	26	28	
GR-GD1055601	5.5	10 mm	17	65	26	28	
GR-ID1095678	8	7 mm	22	77	34	28	
GR-ID1095689	8	8 mm	22	77	34	28	
GR-ID1095690	8	9 mm	22	77	34	28	
GR-ID1095601	8	10 mm	22	77	34	28	

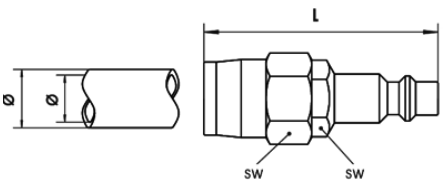
INDUSTRIAL FITTINGS - quick release couplings

GROMELLE couplings - SAFELINE series

	code	full flow DN	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GA0066318	5.5	1/8" BSPT	12	32	-	9
	GR-GA0066314	5.5	1/4" BSPT	14	32	-	13
	GR-GA0066338	5.5	3/8" BSPT	17	32	-	15
	GR-IA0090614	8	1/4" BSPT	16	34	-	13
	GR-IA0090638	8	3/8" BSPT	17	36	-	15
	GR-IA0090612	8	1/2" BSPT	23	40	-	17

	code	full flow DN	thread size	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GA0066214	5.5	1/4" BSP	17	44	-	-
	GR-GA0066238	5.5	3/8" BSP	21	44	-	-
	GR-IA0090714	8	1/4" BSP	17	50	-	-
	GR-IA0090738	8	3/8" BSP	21	50	-	-
	GR-IA0090712	8	1/2" BSP	26	53	-	-

	code	full flow DN	hose I.D.	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GA0066767	5.5	6 mm	-	28	14	26
	GR-GA0066778	5.5	7 mm	-	28	14	26
	GR-GA0066789	5.5	8 mm	-	28	14	26
	GR-GA0066790	5.5	9 mm	-	28	14	26
	GR-GA0066701	5.5	10 mm	-	28	14	26
	GR-IA0090978	8	7 mm	-	33	16	26
	GR-IA0090989	8	8 mm	-	33	16	26
	GR-IA0090990	8	9 mm	-	33	16	26
	GR-IA0090901	8	10 mm	-	33	16	26
	GR-IA0090912	8	11-12 mm	-	33	16	31

	code	full flow DN	hose I.D. x O.D.	SW [mm]	L [mm]	D [mm]	L1 [mm]
	GR-GA0066174	5.5	7x14 mm	16/19	56.5	-	-
	GR-GA0066184	5.5	8x14 mm	16/19	56.5	-	-
	GR-GA0066185	5.5	8x15 mm	16/19	56.5	-	-
	GR-GA0066196	5.5	9x16 mm	16/19	56.5	-	-

SAFELINE couplings are manufactured in compliance with ISO 4414 standard. A button locking system protects against accidental disconnection of a coupling and its effects, e.g. a hose pushed by the power of compressed air can hit its operator. The coupling is made of duralumin so it is very lightweight. Manufactured to match three plug designs: ISO 6150B (DN 5.5 i DN 8), ISO 6150C (DN 5.5, DN 8 and DN 11) and ARO 210 (DN 5.5).

To disconnect a coupling:

- push the button, which will cause closing of the valve and venting of remnant air
- axial pressing of a plug releases it from the socket and enables disconnection of the coupling.



INDUSTRIAL FITTINGS - quick release couplings

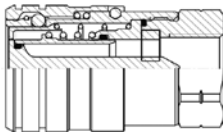
GROMELLE couplings

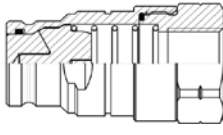


MLDB (1/4" ÷ 1")

- Standard:** Manufacturer's standard
Applications: Industrial (water, steam, fuel and oil, gas, chemicals)
Working press.: Up to 25 bar (safety factor 4:1)
Material: Special stainless steel AISI 316L
Seal: Viton (from -20°C up to +200°C) - standard
 EPDM (from -40°C up to +150°C) - standard
Advantages: Kalrez (from -20°C up to +327°C) - option
 Dry brake, made of the highest quality steel

Dry brake quick release couplings of a "flat face" type made of the highest purity steel (VIM-VAR vacuum casting). They feature very low air inclusion. Used mainly in industrial applications where cleanliness is crucial (nuclear, food, pharmaceutical industry, semiconductors manufacturing, perfumes). One hand operation. A safety ferrule lock prevents accidental disconnection. Easy service - the design allows easy cleaning and replacement of seals.

Socket	size [inch]	female thread [inch]	code	
			sockets (Viton seal)	sockets (EPDM seal)
	1/4	1/4 BSP	GR-ML2DB-S25FBS-V	GR-ML2DB-S25FBS-E
		1/4 NPT	GR-ML2DB-S25F-V	GR-ML2DB-S25F-E
	1/2	1/2 BSP	GR-ML4DB-S50FBS-V	GR-ML4DB-S50FBS-E
		1/2 NPT	GR-ML4DB-S50F-V	GR-ML4DB-S50F-E
	3/4	3/4 BSP	GR-ML6DB-S75FBS-V	GR-ML6DB-S75FBS-E
		3/4 NPT	GR-ML6DB-S75F-V	GR-ML6DB-S75F-E
	1	1 BSP	GR-ML8DB-S100FBS-V	GR-ML8DB-S100FBS-E
		1 NPT	GR-ML8DB-S100F-V	GR-ML8DB-S100F-E

Plug	size [inch]	female thread [inch]	code	
			plug (Viton seal)	plug (EPDM seal)
	1/4	1/4 BSP	GR-ML2DB-P25FBS-V	GR-ML2DB-P25FBS-E
		1/4 NPT	GR-ML2DB-P25F-V	GR-ML2DB-P25F-E
	1/2	1/2 BSP	GR-ML4DB-P50FBS-V	GR-ML4DB-P50FBS-E
		1/2 NPT	GR-ML4DB-P50F-V	GR-ML4DB-P50F-E
	3/4	3/4 BSP	GR-ML6DB-P75FBS-V	GR-ML6DB-P75FBS-E
		3/4 NPT	GR-ML6DB-P75F-V	GR-ML6DB-P75F-E
	1	1 BSP	GR-ML8DB-P100FBS-V	GR-ML8DB-P100FBS-E
		1 NPT	GR-ML8DB-P100F-V	GR-ML8DB-P100F-E

Sealings sets

size [inch]	code of socket seal		code of plug seal	
	Viton	EPDM	Viton	EPDM
1/4	GR-ML2DB-SG-V	GR-ML2DB-SG-E	GR-ML2DB-PG-V	GR-ML2DB-PG-E
1/2	GR-ML4DB-SG-V	GR-ML4DB-SG-E	GR-ML4DB-PG-V	GR-ML4DB-PG-E
3/4	GR-ML6DB-SG-V	GR-ML6DB-SG-E	GR-ML6DB-PG-V	GR-ML6DB-PG-E
1	GR-ML8DB-SG-V	GR-ML8DB-SG-E	GR-ML8DB-PG-V	GR-ML8DB-PG-E

Working parameters

size [inch]	working pressure [bar]	flow at Δp = 3 bar [l/min]	air inclusion [ml]
1/4	25	27	0.002
1/2	25	140	0.012
3/4	25	218	0.03
1	25	393	0.15