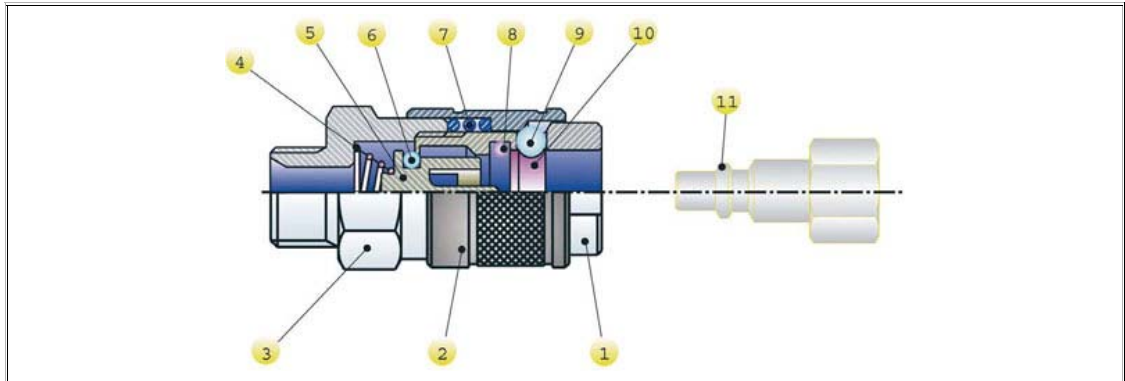


Datasheets Automatic Quick couplings

- └ Safety Coupling 600 Series
- └ 100-200 Series
- └ 410-510 DN8 and
- └ 420-520 DN12 Series



Component Parts and Materials

- 1 Body made in Nickel-plated Brass
- 2 Sleeve made in Nickel-plated Brass
- 3 Coupling Back part made in Nickel-plated Brass
- 4 Shutter Thrust Spring made in Steel AISI 302
- 5 Shutter made in Nickel-plated Brass
- 6 O-Ring seals made in NBR 70 (if requested FKM)
- 7 Ring nut thrust spring made in Steel AISI 302
- 8 O-Ring seals made in NBR 70 (if requested FKM)
- 9 Balls made in Steel AISI 420
- 10 Guide ring Coupling made in Nickel-plated Brass
- 11 Plug Outline made in Nickel-plated Brass

Connection tubes Flexible tubes in plastic and rubber.	Temperatures -18 °C +80 °C with NBR70 seals -10 °C +200 °C with FKM seals	Threads Parallel gas in conformity with ISO 228
Fluids Compressed air	Fittings are available in the following sizes: tube from 4 up to 19; thread of 1/8 to 1/2	

Type	Working Pressure	Type	Working Pressure
100-200 Series UNI ISO 6150 A-6	0 - 10 bar	180-280 Series MIGNON "With Double Shut-Off"	0 - 12 bar
110-210 Series MIGNON	0 - 12 bar	270 Series SWEDISH Standard	0 - 16 bar
120-220 Series UNI ISO 6150 B-12	0 - 16 bar	400-500 Series JAPANESE Standard	0 - 25 bar
130-230 Series UNI ISO 6150 B-15	0 - 16 bar	620 Series Safety Quick Couplings UNI ISO 6150 B-12	0 - 15 bar
140-240 Series UNI ISO 6150 C-10	0 - 25 bar	650 Series Safety Quick Couplings ITALIAN Standard	0 - 15 bar
120-250 Series ITALIAN Standard	0 - 16 bar	660 Series Safety Quick Couplings EUROPEAN Standard	0 - 15 bar
160-260 Series EUROPEAN Standard	0 - 16 bar	670 Series Safety Quick Couplings SWEDISH Standard	0 - 15 bar

The couplings range for the connection with joints include various type of plugs which match the most common international couplings

COUPLING PLUG OUTLINE

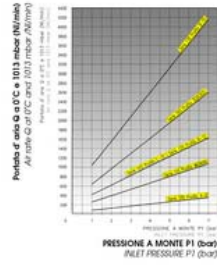
INTERCHANGEABILITY

Coupling Plug Outline	RECTUS	LEGRIS	CAMOZZI	CEJN	LEGRIS	Other Standards
200 Series - UNI ISO 6150 A-6 - DN 2.5 mm	-	-	-	-	-	-
210 Series - MIGNON - DN 5 mm	RECTUS 21 - 90 Series	LEGRIS 21	CAMOZZI 5150 Series	-	-	-
220 Series - UNI ISO 6150 B-12 - DN 5.5 mm	RECTUS 23 - 24 Series	PARKER 30-1/4 Series	CEJN 310	LEGRIS 23 - 24	-	-
230 Series - UNI ISO 6150 B-15 - DN 9 mm	RECTUS 30 Series	PARKER 30-3/8 Series	CEJN 430	LEGRIS 30	-	-
240 Series - UNI ISO 6150 C-10 - DN 5.5 mm	RECTUS 18 Series	CEJN 291 Series	LEGRIS 18	-	OETIKER ISO STANDARD DP 6150	
250 Series - ITALIAN PROFILE - DN 5 mm	-	-	-	-	-	-
260 Series - EUROPEAN PROFILE - DN 7.5 mm	RECTUS 25 - 26	CEJN 320 Series	LEGRIS 25 - 26	-	CAMOZZI 5180 Series	

270 Series - SWEDISH PROFILE - DN 5.5 mm	RECTUS 14-22 Series	CEJN 300	LEGRIS 14 - 22	-	PARKER 50 Series
280 Series - MIGNON with double shut-off - DN 5 mm	-	-	-	-	-
500 Series - JAPANESE PROFILE - DN 7.5 mm	RECTUS 13 Series	CEJN 315 Series	LEGRIS 13	NITTO KOHKI	-

Flow Characteristics

Exhaust to Atmosphere



Pressure drop of 1 bar

