iQ parts

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SPECS & INFORMATION

SC-H & HB

QUICK COUPLINGS FOR PNEUMATIC

Compatible - Kompatibilität

Ind. Interchange	1/2
rtc	037
Cejn	550
Parker	17
Rectus	37
Foster	5205
AMFLO	C10
Hansen	520

Temperature Range - Temperaturbereich

Nitrile (N)	-20°C + 110°C (- 4°F + 230°F)
FPM (V)	-20°C + 180°C (- 4°F + 356°F)
EPDM (Ethylene Propylene)	-40°C + 150°C (- 40°F + 302°F)

Working Pressure - Betriebsdruck

25 Bar (360 PSI)

Conncetion / Disconnection Max. Pressure - Ein- und Auskuppelbar bis Max. Druck

15 Bar (220 PSI)

Flow size - Nennweite

type 460.11 11mm (1/2")

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler (steel)
Material für die Standardversion (Stahl)

Body / Housing - Kupplungsgrundkörper/Gehäuse	Steel tenifer threated Stahl Ttneferiert
Inner Part / Cylinder - Innenteil / Zylinder	Surface hardened steel Zinc-nickel plated Stahl gehärtet, Zink-Nickel beschichtet
Back Part - Hinterteil	Steel zinc plated - Stahl verzinkt
Sleeve - Hülse	Steel zinc nickel plated & orange painted Stahl Zink-Nickel beschichtet und orange lackiert
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	Nitrile (N)
Plug - Nippel	Surface hardened steel, galvanized Stahl gehärtet, verzinkt

Advantages

- The system perfectly fits to the ISO 4414, EN 983 safety requirements.
- Plug profile perfectly fits to the ISO 6150-C-17, AFNOR C-17 NF E 49-053, US MIL C-4109
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

Vorteil

- Sicherheit gemäß ISO 4414, EN 983
- Stecknippel gemäß ISO 6150-C-17, AFNOR C-17 NF E 49-053, US MIL C-4109
- Voller Durchgang, sehr geringer Druckverlust
- Einflache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform

Brass Version (MS)

- Corrosion and ozone proof
- Suitable for internal and external applications

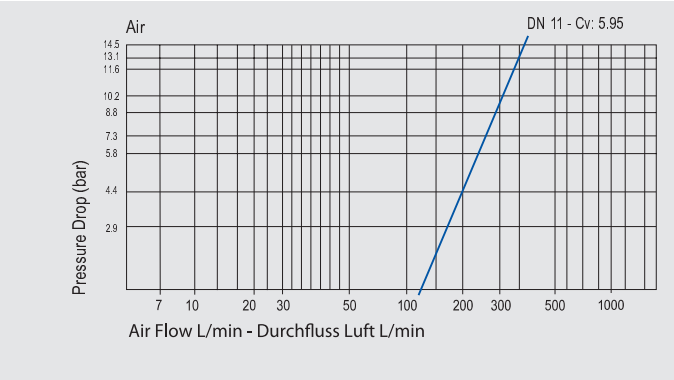
Messing Version (MS)

- Korrosion- und ozonbeständig
- Geeignet für Innen- und Aussenanwendungen

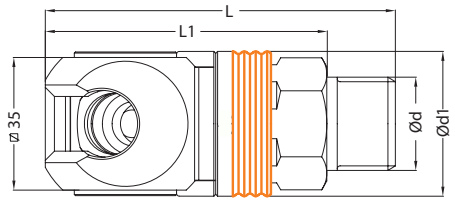
Material of Coupler (Brass - HB type)
Material für die Kupplung (Messing - HB Typ.)

Body / Housing - Kupplungsgrundkörper/Gehäuse	Brass nickel plated - Messing vernickelt
Inner Part / Cylinder - Innenteil / Zylinder	Aluminium Aluminum
Back Part - Hinterteil	Brass nickel plated - Messing vernickelt
Sleeve - Hülse	Brass nickel plated - Messing vernickelt
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	FPM (V)
Plug - Nippel	Stainless steel - Edelstahl

Flow Rate vs Pressure Drop Graph



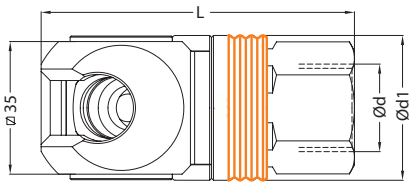
TYPE 460.11 — Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R205 00 106	BSP 3/8	38	81.5	70.5	30
	11	R205 00 107	BSP 1/2	38	82.5	70.5	30
	11	R205 00 108	BSP 3/4	38	85.5	70.5	30
	11	R205 00 112	NPT 3/8	38	85.5	70.5	30
	11	R205 00 113	NPT 1/2	38	88.5	70.5	30
	11	R205 00 114	NPT 3/4	38	89.5	70.5	30
	11	-	BSP 3/8	38	81.5	70.5	30
	11	R205 00 743	BSP 1/2	38	82.5	70.5	30
	11	R205 00 744	BSP 3/4	38	85.5	70.5	30
	11	-	NPT 3/8	38	85.5	70.5	30
	11	R205 00 745	NPT 1/2	38	88.5	70.5	30
	11	R205 00 746	NPT 3/4	38	89.5	70.5	30

*MS: Brass / Messing

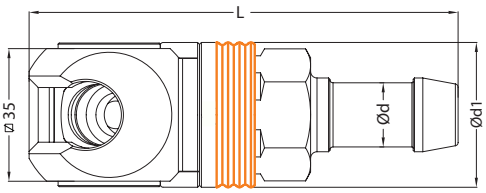
TYPE 460.11 — Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R205 00 103	BSP 3/8	38	79	-	30
	11	R205 00 104	BSP 1/2	38	80.5	-	30
	11	R205 00 105	BSP 3/4	38	83.5	-	32
	11	R205 00 109	NPT 3/8	38	79	-	30
	11	R205 00 110	NPT 1/2	38	80.5	-	30
	11	R205 00 111	NPT 3/4	38	83.5	-	32
	11	-	BSP 3/8	38	79	-	30
	11	R205 00 685	BSP 1/2	38	80.5	-	30
	11	R205 00 684	BSP 3/4	38	83.5	-	32
	11	-	NPT 3/8	38	79	-	30
	11	R205 00 687	NPT 1/2	38	80.5	-	30
	11	R205 00 686	NPT 3/4	38	83.5	-	32

*MS: Brass / Messing

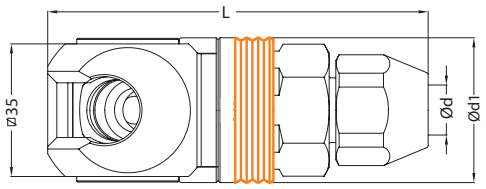
TYPE 460.11 — Socket with hose barb / Kupplung mit Schlauchanschluss



Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	Ø10 - 3/8	38	96.5	-	-
	11	R205 00 712	Ø13 - 1/2	38	96.5	-	-
	11	-	Ø16 - 5/8	38	96.5	-	-
	11	-	Ø10 - 3/8	38	96.5	-	-
	11	-	Ø13 - 1/2	38	96.5	-	-
	11	-	Ø16 - 5/8	38	96.5	-	-

*MS: Brass / Messing

TYPE 460.11 — Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss

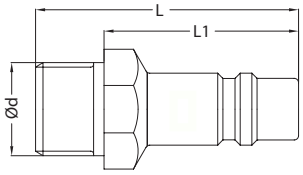


Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	8x12	38	93	-	22
	11	-	11x16	38	93	-	27
	11	-	8x12	38	93	-	22
	11	-	11x16	38	93	-	27

*MS: Brass / Messing

Plug with male thread / Nippel mit Aussengewinde — TYPE 460.11

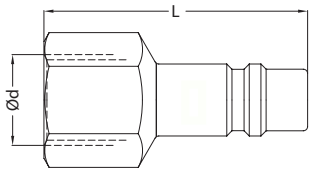
Plug / Nippel



Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HE
11	R255 00 074	BSP 3/8	-	56	45	19
11	R255 00 075	BSP 1/2	-	59	45	24
11	R255 00 290	BSP 3/4	-	60	45	27
11	R255 00 277	NPT 3/8	-	57	45	19
11	R255 00 278	NPT 1/2	-	62	45	24
11	R255 00 291	NPT 3/4	-	64	45	27
11	R355 00 250	BSP 3/8	-	56	45	19
11	R355 00 075	BSP 1/2	-	59	45	24
11	R355 00 327	BSP 3/4	-	60	45	27
11	-	NPT 3/8	-	57	45	19
11	R355 00 328	NPT 1/2	-	62	45	24
11	R355 00 253	NPT 3/4	-	64	45	27

Plug with female thread / Nippel mit Innengewinde — TYPE 460.11

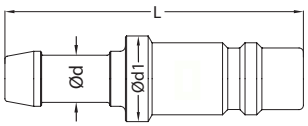
Plug / Nippel



Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HE
11	R255 00 076	BSP 3/8	-	59	-	19
11	R255 00 077	BSP 1/2	-	61	-	27
11	R255 00 078	BSP 3/4	-	63	-	32
11	R255 00 279	NPT 3/8	-	59	-	19
11	R255 00 280	NPT 1/2	-	61	-	27
11	R255 00 292	NPT 3/4	-	63	-	32
11	R355 00 076	BSP 3/8	-	59	-	19
11	R355 00 077	BSP 1/2	-	61	-	27
11	R355 00 078	BSP 3/4	-	63	-	32
11	-	NPT 3/8	-	59	-	19
11	R355 00 255	NPT 1/2	-	61	-	27
11	R355 00 256	NPT 3/4	-	63	-	32

Plug with hose barb / Nippel mit Schlauchanschluss — TYPE 460.11

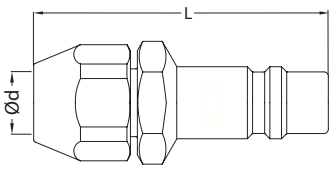
Plug / Nippel



Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HE
11	R255 00 079	Ø10 - 3/8	18	62	-	-
11	R255 00 080	Ø13 - 1/2	20	68	-	-
11	R255 00 081	Ø16 - 5/8	22	79	-	-
11	R355 00 079	Ø10 - 3/8	18	62	-	-
11	R355 00 080	Ø13 - 1/2	20	68	-	-
11	R355 00 081	Ø16 - 5/8	22	79	-	-

Plug with plastic hose connection / Nippel mit Kunststoffschlussschlauchanschluss — TYPE 460.11

Plug / Nippel



Size / Größe	Alternative Order No Alternative Bestellnr.	Ød	Ød1	L	L1	HE
11	-	8x12	-	65	-	22
11	-	11x16	-	70	-	27

*SS: Stainless Steel / Edelstah

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