

Couplings/safety couplings NW 10



Quick connect couplings

Type brass nickel-plated: Body: Brass nickel-plated, sliding sleeve: Steel nickel-plated, seal: NBR Type brass/steel: Body: Brass nickel-plated/steel (QPQ), sliding sleeve: Brass nickel-plated, seal: NBR

Type AISI 303: Body and sliding sleeve: AISI 303, seal: FKM

Temperature range: -20°C to max. +100°C, stainless steel: -15°C to max. +200°C

Operating pressure: 0 - 35 bar, as well as low vacuum

Flow: Brass nickel-plated/AISI 303: 2600 l/min (option -BA: 2100 l/min), brass/steel: 3600 l/min



Only the following combinations of coupling plug and coupling socket are possible:

Shut-off coupling socket BA
Shut-off coupling socket BA
with coupling plug without valve
with shut-off coupling plug BA

Coupling sockets with male threads

NW 10

NW 10

NW 10

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Poptional: Body made of AISI 316L -ES4A, can be used for plug shut-off on both sides -BA

Туре	Туре	Thread	Туре	Thread
brass nickel-plated	brass/steel	male	AISI 303 🔷	male
KDG 14 NW10		R 1/4"		G 1/4"
KDG 38 NW10	KDG 38 NW10 ST	R 3/8"	KDG 38 NW10 ES	G ³ /8"
KDG 12 NW10	KDG 12 NW10 ST	R 1/2"	KDG 12 NW10 ES	G 1/2"
KDG 34 NW10	KDG 34 NW10 ST	R 3/4"	KDG 34 NW10 ES	G 3/4"



Rectus 27, 41, 1700, 1727 TEMA 1700

CEJN 410

Coupling sockets with female threads

Poptional: Body made of AISI 316L -ES4A, can be used for plug shut-off on both sides -BA

Туре	Туре	Туре	Thread
brass nickel-plated	brass/steel	AISI 303	female
KDGi 14 NW10			G 1/4"
KDGi 38 NW10	KDGi 38 NW10 ST	KDGi 38 NW10 ES	G ³ /8"
KDGi 12 NW10	KDGi 12 NW10 ST	KDGi 12 NW10 ES	G 1/2"
KDGi 34 NW10	KDGi 34 NW10 ST	KDGi 34 NW10 ES	G 3/4"



Coupling sockets with hose nozzles

Poptional: Body made of AISI 316L -ES4A, can be used for plug shut-off on both sides -BA

Туре	Туре	Туре	Hose Ø
brass nickel-plated	brass/steel	AISI 303 🗫	internal
KDS 9 NW10		KDS 9 NW10 ES	9
	KDS 10 NW10 ST		10
KDS 13 NW10	KDS 13 NW10 ST	KDS 13 NW10 ES	13
KDS 19 NW10	KDS 19 NW10 ST	KDS 19 NW10 ES	19



Order example: KDG 14 NW10 ** Standard type

Designation for the options Body made of stainless steel AISI 316L .-ES4A Can be used for plug shut-off on both sides

EN Safety coupling sockets ISO 4414/EN 983 eSafe

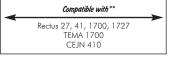
NW 10

Materials: Body: Steel/brass zinc-plated , seal: NBR Temperature range: -20°C to max. +80°C

Operating pressure: 0 - 16 bar

Flow: 4000 I/min (6 bar input pressure, 0.5 bar pressure difference)

Function: The coupling occurs as for standard couplings by inserting the push in nipple into the coupling socket. The decoupling occurs by pushing the unlocking sleeve back. Then the coupling socket closes and ventilates the coupling plug when still held in the coupling socket. The coupling socket only releases the plug when the residual pressure on the plug side has fallen below a pressure of approx. 0.3 bar. As such, the dangerous recoil effect will be reliably (depending on the pressure present on the plug side) prevented.





NW 10 Safety coupling sockets with male threads Thread Actual nominal width male KDGSiC 38 NW10 10.4 R 3/8' KDGSiC 12 NW10 10.4 R 1/2" 10.4 R 3/4"



NW 10 Safety coupling sockets with female threads

	Actual nominal	Thread
Туре	width	female
KDGiSiC 38 NW10	10.4	G 3/8"
KDGiSiC 12 NW10	10.4	G 1/2"
KDGiSiC 34 NW10	10.4	G 3/4"



Safety coupling sockets with hose nozzles **NW 10**

	Actual nominal	Hose Ø
Туре	width	internal
KDSSiC 10 NW10	10.4	10
KDSSiC 13 NW10	10.4	13
KDSSiC 16 NW10	10.4	16
KDSSiC 19 NW10	10.4	19



** names and designations are partly registered trademarks of the respective manufacturer.

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C