

Hydraulic quick connect screw couplings

ISO 14541

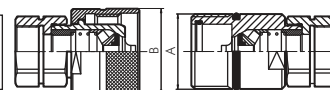
Materials: Zinc-plated steel, seal: NBR

Temperature range: -20°C to max. +100°C

Size	1	2	3	4	6	8*
Dimension A	M 24 x 2	M 28 x 2	M 36 x 2	M 42 x 2	M 48 x 3	M 70 x 3
Dimension B	35	34	42	48	55	85

* not standardised following ISO 14541

- ✓ **Advantages:**
- Quick connect screw couplings shut off on the plug and the sleeve when uncoupled. The connection of the coupling sleeve and coupling plug is carried out via a screw connection with hand nut. During the coupling procedure, the valve chamber is sealed before the valves open. When uncoupling, the valves are already closed, before the connection can be pulled out of the seal. Can be coupled up to max. 50 bar under pressure.
 - Secure against pressure thrusts and pressure vibrations
 - Streamlining design of the flow rate range



Quick connect screw couplings with female threads made of stainless steel ISO 14541

Type sleeve	Type plug	Thread female	PN	Size
510627.1	510637.1	G 1/4"	450 bar	1
510822.2	510832.2	M 16 x 1.5	450 bar	2
510827.2	510837.2	G 3/8"	450 bar	2
510822.3	510832.3	M 18 x 1.5	400 bar	3
510827.3	510837.3	G 3/8"	400 bar	3
511022.3	511032.3	M 22 x 1.5	400 bar	3
511027.3	511037.3	G 1/2"	400 bar	3
511322.4	511332.4	M 22 x 1.5	400 bar	4
511327.4	511337.4	G 3/4"	400 bar	4
512027.6	512037.6	G 3/4"	300 bar	6
512527.6	512537.6	G 1"	300 bar	6
513027.8	513037.8	G 1 1/4"	300 bar	8*
513527.8	513537.8	G 1 1/2"	300 bar	8*

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Quick connect screw couplings with female threads made of stainless steel ISO 14541

Materials: Body: AISI 316L, support ring: PTFE, seal: FKM

Temperature range: -20°C to max. +150°C

Type sleeve	Type plug	Thread female	PN	Size
510627.1 ES	510637.1 ES	G 1/4"	300 bar	1
510827.2 ES	510837.2 ES	G 3/8"	250 bar	2
511027.3 ES	511037.3 ES	G 1/2"	250 bar	3
511327.4 ES	511337.4 ES	G 3/4"	250 bar	4
512527.6 ES	512537.6 ES	G 1"	250 bar	6
513527.8 ES	513537.8 ES	G 1 1/2"	200 bar	8*

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Quick connect screw couplings with tube connections ISO 8434-1

ISO 14541

Type sleeve	Type plug	Tube connection	PN	Size
Light model series				
530622.2	530632.2	8 L	315 bar	2
530822.2	530832.2	10 L	315 bar	2
530622.3	530632.3	8 L	315 bar	3
530822.3	530832.3	10 L	315 bar	3
531022.3	531032.3	12 L	315 bar	3
531322.3	531332.3	15 L	315 bar	3
531022.4	531032.4	12 L	315 bar	4
531322.4	531332.4	15 L	315 bar	4
531622.4	531632.4	18 L	315 bar	4
531622.6	531632.6	18 L	160 bar	6
532022.6	532032.6	22 L	160 bar	6
532522.6	532532.6	28 L	160 bar	6
533222.6	533232.6	35 L	160 bar	6
Heavy model series				
540622.2	540632.2	10 S	450 bar	2
540822.2	540832.2	12 S	450 bar	2
540622.3	540632.3	10 S	400 bar	3
540822.3	540832.3	12 S	400 bar	3
541022.3	541032.3	14 S	400 bar	3
541322.3	541332.3	16 S	400 bar	3
541022.4	541032.4	14 S	400 bar	4
541322.4	541332.4	16 S	400 bar	4
541622.4	541632.4	20 S	400 bar	4
541622.6	541632.6	20 S	300 bar	6
542022.6	542032.6	25 S	300 bar	6
542522.6	542532.6	30 S	300 bar	6
542522.8	542532.8	30 S	300 bar	8*
543022.8	543032.8	38 S	300 bar	8*

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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.

