

Quick-release couplings



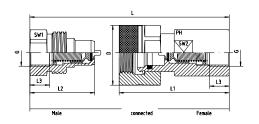
High pressure quick-release screwed couplings – BSP parallel female

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BSP parallel thread to ISO 228





	Pressure PB	Thread G			Appro	x. Dime	Part code Female / carrier			
DN			D	L	L1	L2	L3	SW1	SW2	remale / carrier
06	750	1/4"	30	84.0	68.0		12.5		22	HSK-M-G 1/4"
10	650	3/8"	40	89.5	75.0		12.5		27	HSK-M-G 3/8"
12.5	650	1/2"	45	102.0	86.5		15.0		34	HSK-M-G 1/2"
20	500	3/4"	55	121.0	105.0		16.5		41	HSK-M-G 3/4"
25	460	1"	60	136.0	120.0		19.0		50	HSK-M-G 1"
31.5	400	1 1/4"	80	167.0	153.0		21.5		65	HSK-M-G 1 1/4"
38	360	1 1/2"	98	190.0	170.0		22.5		75	HSK-M-G 1 1/2"

	Pressure PB	Thread G			Appro	x. Dime	Part code			
DN			D	L	L1	L2	L3	SW1	SW2	Male / probe
06	750	1/4"		84.0		43.0	12.5	25		HSK-S-G 1/4"
10	650	3/8"		89.5		48.0	12.5	32		HSK-S-G 3/8"
12.5	650	1/2"		102.0		53.0	15.0	34		HSK-S-G 1/2"
20	500	3/4"		121.0		63.0	16.5	46		HSK-S-G 3/4"
25	460	1"		136.0		72.0	19.0	50		HSK-S-G 1"
31.5	400	1 1/4"		167.0		86.0	21.5	65		HSK-S-G 1 1/4"
38	360	1 1/2"		190.0		95.0	22.5	80		HSK-S-G 1 1/2"

The guideline limitations for connecting and disconnecting these couplings under pressure are as follows... 1/4", 3/8", 1/2" = 10 bar max. residual pressure. 3/4" and 1" = 5 bar max. residual pressure. 1/4" and 1/2" = 3 bar max. residual pressure.

Standard version technical data -

Material – V4A (AISI 316), Viton seals and PTFE backing ring.

Usage – hydraulic fluids, mineral oils and glycol based media, also air and water if treated with corrosion protection additive.

Temperature range: -20°C to +200°C

Theoretical burst pressure is 2.5 times nominal working pressure.

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