

Datasheet

Quick Connect Fittings

High Pressure Screw Couplings

Product Overview

Designed for hydraulic oil applications according to European Directive 97.23.EC

Materials

- Carbon Steel to EN-10277-3, AISI 316 and AISI 303
- Seals: NBR, Viton or EPDM
- Back-up-ring: PTFE
- Springs: Carbon Steel DIN 17233/84(B)

Working Temperature

- NBR: -30°C to +100°C
- Viton: -10°C to +200°C
- EPDM: -40°C to +150°C

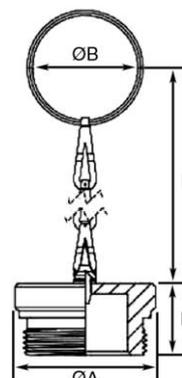


Technical Specification

RS Part	Description	Size	Maximum Pressure
768-5844	Male Plug	G 1/4	950 bar
768-5847	Female Socket	G 1/4	950 bar
768-5841	Male Plug	G 3/8	750 bar
768-5850	Female Socket	G 3/8	750 bar
768-5853	Male Plug	G 1/2	750 bar
768-5857	Female Socket	G 1/2	750 bar

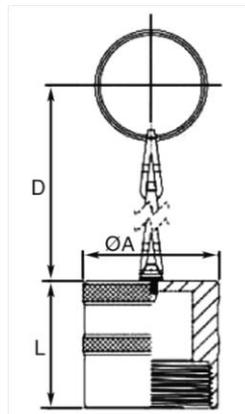
Plug

DN	ØA (mm)	L (mm)	ØB (mm)
06	32	18.50	25
10	35	67	30
13	40	73.50	30
20	50	89.50	42
25	60	105.50	50
32	75	130.50	50
40	85	143.50	50
50	99	203.50	50

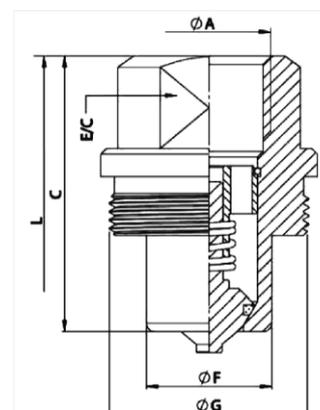


Cap

DN	ØA (mm)	L (mm)	ØB (mm)
06	32	30	25
10	35	37	30
13	40	38	30
20	50	46	42
25	60	55	50
32	75	77	50
40	85	74	50
50	99	121	50


Male

DN	E/C (mm)	C (mm)	ØF (mm)	ØG (mm)	L (mm)
06	19	36	14.90	M27x1.5	72
10	22	40.50	18.95	M30x1.5	81
13	27	46	22	M35x1.5	92
20	35	56	28.95	M45x1.5	112
25	41	63	36	M54x1.5	126
32	58	75	49.80	M70x2	150
40	61	83.50	55	M78x2	167
50	71	118	69.40	M92x2	237


Female

DN	E/C (mm)	B (mm)	CH1 (mm)	L (mm)
06	19	59	32	72
10	22	67	36	81
13	27	73.50	41	92
20	35	89.50	50	112
25	41	105.50	65	126
32	58	130.50	80	150
40	61	143.50	85	167
50	71	203.50	105	237

