



P0170

Material

Stainless steel (A2 , AISI 303), with silicone "O" ring as standard.

For other "O" ring materials see technical data pages (-FS = fluorosilicone, -EP = EPDM, -VI = viton, -NI = nitrile, -BN = Buna etc.).

Other thread lengths, and stainless steel A4 (AISI 316) on request.

Technical Notes

Seals substances in and contaminants out, screws generally as DIN 7985 H, ISO 7045.

Max temperature range: -100°C to +260°C, pressure range - up to 410 bar (6000 psi).

Re-useable, also available (on request) with thread-locking.

Tips

Clearance holes recommended for maximum sealing performance (see dimensions below).

Clearance hole depth 2-3 x thread pitch, threads are metric coarse pitch.

Order No.	d ₁	l	h ₁ max.	d ₂ max.	d ₃ ±0.05	Drive
P0170.020-003-SI	M 2	3	1,6	4,0	2,35	PH-1
P0170.020-004-SI	M 2	4	1,6	4,0	2,35	PH-1
P0170.020-008-SI	M 2	8	1,6	4,0	2,35	PH-1
P0170.020-010-SI	M 2	10	1,6	4,0	2,35	PH-1
P0170.020-012-SI	M 2	12	1,6	4,0	2,35	PH-1
P0170.025-006-SI	M2,5	6	2,1	4,7	2,75	PH-1
P0170.025-008-SI	M2,5	8	2,1	4,7	2,75	PH-1
P0170.025-010-SI	M2,5	10	2,1	4,7	2,75	PH-1
P0170.025-012-SI	M2,5	12	2,1	4,7	2,75	PH-1
P0170.030-006-SI	M 3	6	2,4	6,0	3,6	PH-1
P0170.030-008-SI	M 3	8	2,4	6,0	3,6	PH-1
P0170.030-010-SI	M 3	10	2,4	6,0	3,6	PH-1
P0170.030-012-SI	M 3	12	2,4	6,0	3,6	PH-1
P0170.030-016-SI	M 3	16	2,4	6,0	3,6	PH-1
P0170.030-020-SI	M 3	20	2,4	6,0	3,6	PH-1
P0170.040-006-SI	M 4	6	3,1	8,0	4,5	PH-2
P0170.040-008-SI	M 4	8	3,1	8,0	4,5	PH-2
P0170.040-010-SI	M 4	10	3,1	8,0	4,5	PH-2
P0170.040-012-SI	M 4	12	3,1	8,0	4,5	PH-2
P0170.040-016-SI	M 4	16	3,1	8,0	4,5	PH-2
P0170.040-020-SI	M 4	20	3,1	8,0	4,5	PH-2

Order No.	d ₁	l	h ₁ max.	d ₂ max.	d ₃ ±0.05	Drive
P0170.050-008-SI	M 5	8	3,7	10,0	5,6	PH-2
P0170.050-010-SI	M 5	10	3,7	10,0	5,6	PH-2
P0170.050-012-SI	M 5	12	3,7	10,0	5,6	PH-2
P0170.050-016-SI	M 5	16	3,7	10,0	5,6	PH-2
P0170.050-020-SI	M 5	20	1,6	10,0	5,6	PH-2
P0170.060-012-SI	M 6	12	4,6	12,0	6,8	PH-3
P0170.060-016-SI	M 6	16	4,6	12,0	6,8	PH-3
P0170.060-020-SI	M 6	20	4,6	12,0	6,8	PH-3
P0170.060-025-SI	M 6	25	4,6	12,0	6,8	PH-3
P0170.060-030-SI	M 6	30	4,6	12,0	6,8	PH-3
P0170.080-012-SI	M 8	12	6,0	16,0	8,5	PH-4
P0170.080-016-SI	M 8	16	6,0	16,0	8,5	PH-4
P0170.080-020-SI	M 8	20	6,0	16,0	8,5	PH-4
P0170.080-025-SI	M 8	25	6,0	16,0	8,5	PH-4
P0170.080-030-SI	M 8	30	6,0	16,0	8,5	PH-4
P0170.100-016-SI	M10	16	7,5	20,0	10,6	PH-4
P0170.100-020-SI	M10	20	7,5	20,0	10,6	PH-4
P0170.100-025-SI	M10	25	7,5	20,0	10,6	PH-4
P0170.100-030-SI	M10	30	7,5	20,0	10,6	PH-4
P0170.100-040-SI	M10	40	7,5	20,0	10,6	PH-4