



P0173.TX

SEALING SCREWS AND PLUGS

Material

Stainless steel (AISI 303 1.4305 tensile strength 550 N/mm² or AISI 316 1.440 tensile strength 480 N/mm²), 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 on request.

Technical Notes

Screws generally as ISO 14759, seals substances in and contaminants out
Re-useable, clearance holes recommended for maximum sealing.
Max temperature range: -100°C to +260°C,
pressure range - up to 410 bar (6000 psi).

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 ₁	h ₁ max.	d ₂ max.	Drive	d ₃ ±0.05	Material
P0173.020-004-TX	M 2	4	2.0	3.8	TX 6	2.35	A2 s/s
P0173.020-008-TX	M 2	8	2.0	3.8	TX 6	2.35	A2 s/s
P0173.020-010-TX	M 2	10	2.0	3.8	TX 6	2.35	A2 s/s
P0173.020-012-TX	M 2	12	2.0	3.8	TX 6	2.35	A2 s/s
P0173.025-006-TX	M2,5	6	2.5	4.5	TX 8	2.75	A2 s/s
P0173.025-008-TX	M2,5	8	2.5	4.5	TX 8	2.75	A2 s/s
P0173.025-010-TX	M2,5	10	2.5	4.5	TX 8	2.75	A2 s/s
P0173.025-012-TX	M2,5	12	2.5	4.5	TX 8	2.75	A2 s/s
P0173.030-006-TX	M 3	6	3.0	5.5	TX10	3.6	A2 s/s
P0173.030-008-TX	M 3	8	3.0	5.5	TX10	3.6	A2 s/s
P0173.030-010-TX	M 3	10	3.0	5.5	TX10	3.6	A2 s/s
P0173.030-012-TX	M 3	12	3.0	5.5	TX10	3.6	A2 s/s
P0173.030-020-TX	M 3	20	3.0	5.5	TX10	3.6	A2 s/s
P0173.040-006-TX	M 4	6	4.0	7.0	TX20	4.5	A2 s/s
P0173.040-008-TX	M 4	8	4.0	7.0	TX20	4.5	A2 s/s
P0173.040-010-TX	M 4	10	4.0	7.0	TX20	4.5	A2 s/s
P0173.040-012-TX	M 4	12	4.0	7.0	TX20	4.5	A2 s/s
P0173.040-016-TX	M 4	16	4.0	7.0	TX20	4.5	A2 s/s
P0173.040-020-TX	M 4	20	4.0	7.0	TX20	4.5	A2 s/s
P0173.050-008-TX	M 5	8	5.0	8.5	TX25	5.6	A2 s/s
P0173.050-010-TX	M 5	10	5.0	8.5	TX25	5.6	A2 s/s
P0173.050-012-TX	M 5	12	5.0	8.5	TX25	5.6	A2 s/s
P0173.050-016-TX	M 5	16	5.0	8.5	TX25	5.6	A2 s/s
P0173.050-020-TX	M 5	20	5.0	8.5	TX25	5.6	A2 s/s
P0173.060-012-TX	M 6	12	6.0	10.0	TX30	6.8	A2 s/s
P0173.060-016-TX	M 6	16	6.0	10.0	TX30	6.8	A2 s/s
P0173.060-020-TX	M 6	20	6.0	10.0	TX30	6.8	A2 s/s
P0173.060-025-TX	M 6	25	6.0	10.0	TX30	6.8	A2 s/s



Order No.	d ₁	l ₁	h ₁ max.	d ₂ max.	Drive	d ₃ ±0.05	Material
P0173.060-030-TX	M 6	30	6.0	10.0	TX30	6.8	A2 s/s
P0173.080-012-TX	M 8	12	8.0	13.0	TX45	8.5	A2 s/s
P0173.080-016-TX	M 8	16	8.0	13.0	TX45	8.5	A2 s/s
P0173.080-020-TX	M 8	20	8.0	13.0	TX45	8.5	A2 s/s
P0173.080-025-TX	M 8	25	8.0	13.0	TX45	8.5	A2 s/s
P0173.080-030-TX	M 8	30	8.0	13.0	TX45	8.5	A2 s/s
P0173.100-016-TX	M10	16	10.0	16.0	TX50	10.6	A2 s/s
P0173.100-020-TX	M10	20	10.0	16.0	TX50	10.6	A2 s/s
P0173.100-025-TX	M10	25	10.0	16.0	TX50	10.6	A2 s/s
P0173.100-030-TX	M10	30	10.0	16.0	TX50	10.6	A2 s/s
P0173.100-040-TX	M10	40	10.0	16.0	TX50	10.6	A2 s/s
P0173.120-020-TX	M12	20	12.0	18.0	TX55	12.85	A2 s/s
P0173.120-025-TX	M12	25	12.0	18.0	TX55	12.85	A2 s/s
P0173.120-030-TX	M12	30	12.0	18.0	TX55	12.85	A2 s/s
P0173.120-040-TX	M12	40	12.0	18.0	TX55	12.85	A2 s/s
P0173.120-050-TX	M12	50	12.0	18.0	TX55	12.85	A2 s/s
P0173.160-025-TX	M16	25	16.0	24.0	TX70	17.5	A2 s/s
P0173.160-030-TX	M16	30	16.0	24.0	TX70	17.5	A2 s/s
P0173.160-040-TX	M16	40	16.0	24.0	TX70	17.5	A2 s/s
P0173.160-050-TX	M16	50	16.0	24.0	TX70	17.5	A2 s/s