

2961 Avseal Sealing Plug

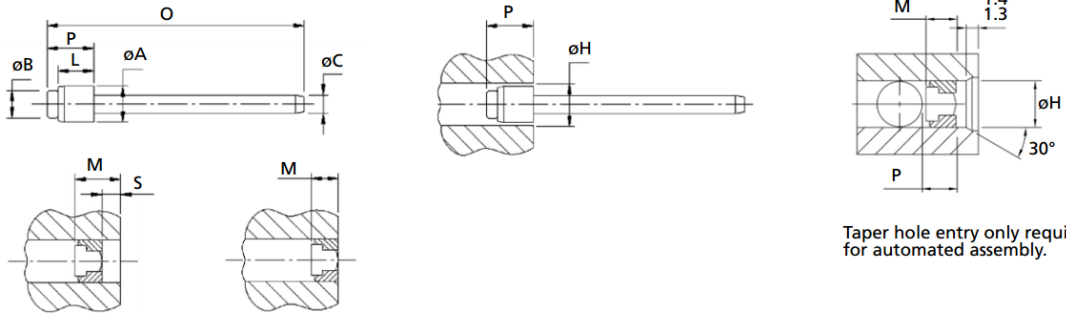
High pressure series · Aluminium sleeve · Steel stem
4.0 mm - 12.0 mm

Features

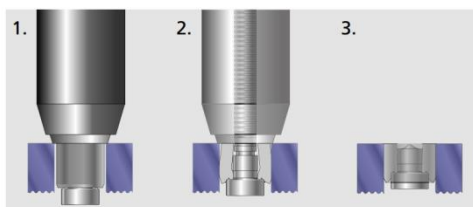
- Fully annealed sleeve for high performance sealing
- Seal by compression of the sleeve improves sealing with great hole fill capability over a wider hole tolerance
- Hole fill capacity for improved seal and wider hole tolerance
- Internal lock – flat nose tip and ease of use
- Improved stem retention increases vibration resistance
- Low force special version can be used in thin wall applications
- Larger hole tolerance simplifies hole alignment when automated placing is required
- Tapered sleeve and stem eases entry into application and nose tips, suitable for automated systems
- Shorter placed length, reduced blind side protrusion for use in restricted space or thin wall applications
- Can be modified to suit specific applications
- Use of standard tooling – quality of seal is not operator-dependant

Material

- Sleeve: Aluminium alloy (BS1473/4/5 - 6061/AA6061 EN 573-3 AlMg1SiCu Werkstoff 3.3211)
- Stem: Carbon steel, hardened and tempered, zinc plated, clear trivalent passivated with top seal (BS 3111 type 10 DIN 1654 35B2)



Part No.	Size ϕ	ϕH				O	ϕB	ϕA	L	ϕC	P	M	
		nom.	min.	max.	rec.							min.	max.
		max.	ref.	max.	max.							ref.	req.
02961-00405	4.0	3.9	4.3	4.1	41.4	3.0	3.9	4.1	1.9	6.50	2.81	4.32	
02961-00506	5.0	5.0	5.4	5.0	42.2	3.8	4.9	5.0	2.2	7.14	3.95	5.70	
02961-00607	6.0	6.0	6.4	6.0	50.1	4.5	5.9	6.0	2.6	8.53	4.30	8.23	
02961-00708	7.0	7.0	7.4	7.0	51.1	5.4	6.8	6.9	3.0	9.78	5.15	9.17	
02961-00810	8.0	7.8	8.4	8.0	51.9	6.1	7.8	7.9	3.6	11.05	7.18	9.41	
02961-00911	9.0	8.8	9.8	9.0	53.0	6.9	8.8	8.5	3.9	12.70	7.64	9.84	
02961-01012	10.0	9.8	10.8	10.0	53.4	7.8	9.8	10.0	4.4	14.00	8.77	13.00	
02961-01113	11.0	10.8	11.8	11.0	61.5	8.6	10.8	11.9	4.8	15.07	TBA	14.00	
02961-01215	12.0	11.8	12.8	12.0	62.8	9.4	11.8	11.5	5.3	15.75	10.66	14.55	



1) The Avseal sealing plug is located on the tool nose tip and inserted in the hole.

2) On activating the tool, axial compression of the sleeve between the stem head and the nose tip of the tool creates the radial expansion of the sleeve.

3) Once placed to a pre-determined load the pintail of the stem will break away leaving the Avseal sealing plug in the application.