

Avseal® XT Ultra-high pressure sealing plug





Engineered Fastening



02931 series

Efficient hole sealing performance for ultra high pressure hydraulic applications. Capable of withstanding blow-out pressures of 1600 bar.

For working pressures up to 500 bar.

Material

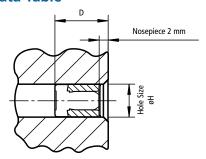
Sleeve: Aluminium alloy (6061), annealed. **Stem:** Medium carbon steel, hardened

and tempered.

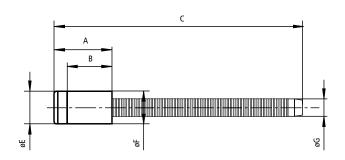
Zinc plated, yellow trivalent passivated.



Data Table



Installed plug depth with 2mm nose tip extension



Hole surface Roughness Rz 10-30µm

Ø	Part Number	øF	øG	øΕ	Hole Size øH		В	С	А	D max. (mm)
		Max.	Ref.	Max.	Min.	Max.	Ref.	Ref.	Max.	Max. depth of installed Avseal plug
		(mm)	(mm)	(mm)	(mm)		(mm)	(mm)	(mm)	Nosepiece 2mm
5	02931-00507	4.85	2.7	4.95	5.00	5.12	7.7	50.2	10.8	10.5
6	02931-00608	5.85	3.1	5.95	6.00	6.12	8.2	51.7	11.7	11.4
7	02931-00709	6.80	3.6	6.90	7.00	7.12	9.3	53.0	13.3	13.3
8	02931-00811	7.80	4.4	7.90	8.00	8.12	10.5	54.6	14.7	14.4
10	02931-01013	9.80	5.3	9.90	10.00	10.12	12.7	64.7	17.7	17.5

STANLEY. Engineered Fastening

Stanley Engineered Fastening — a division of Stanley Black and Decker — is the global leader in precision fastening and assembly solutions. Our industry-leading brands, Avdel®, Integra™, Nelson®, Optia™, POP®, Stanley® Assembly Technologies, and Tucker®, elevate what our customers create. Backed by a team of passionate and responsive problem-solvers, we empower engineers to create the future.

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