

STANLEY[®]
Engineered Fastening



Avseal[®] XT
Ultra-high pressure sealing plug

AVDEL[®]

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

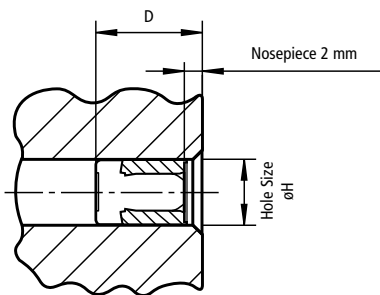
Sleeve: Aluminium alloy (6061), annealed.

Stem: Medium carbon steel, hardened and tempered.

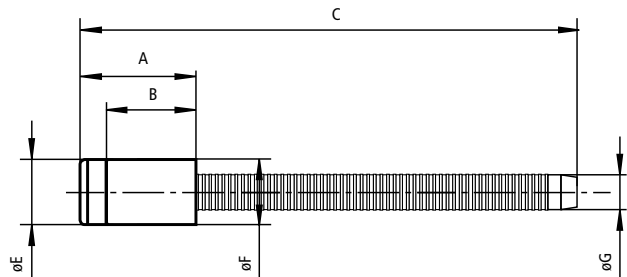
Zinc plated, yellow trivalent passivated.



Data Table



Installed plug depth
with 2mm nose tip extension



Hole surface
Roughness Rz 10-30µm

Ø	Part Number	øF	øG	øE	Hole Size øH		B	C	A	D max. (mm)
		Max. (mm)	Ref. (mm)	Max. (mm)	Min. (mm)	Max. (mm)	Ref. (mm)	Ref. (mm)	Max. (mm)	Max. depth of installed Avseal plug 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