

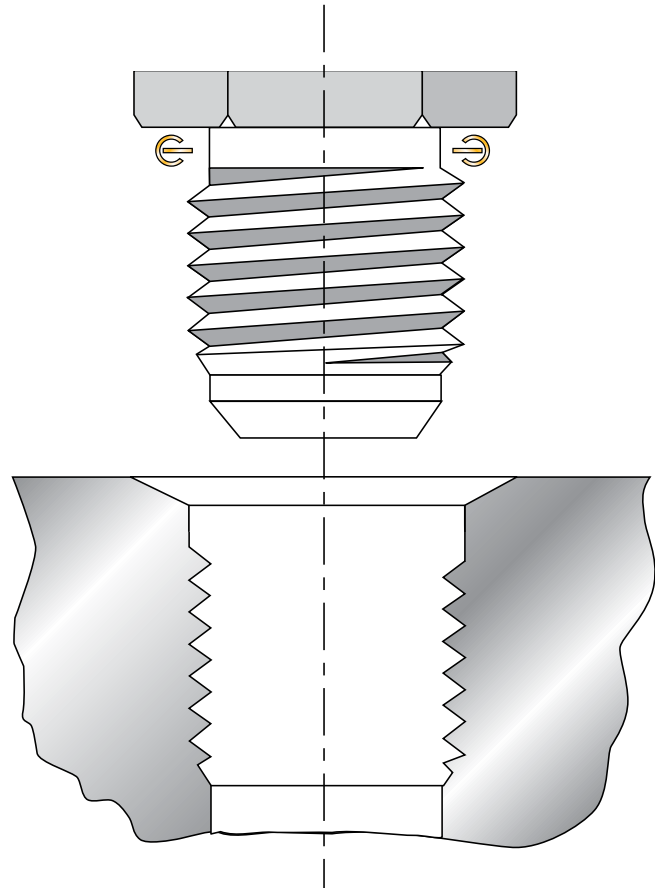
Boss Seal for AS5202 Fluid Connection Boss & AS33514/AS4395 Fitting Ends

Applications:

- Direct replacement/upgrade for elastomeric O-rings on AS33514 flared and AS4395 flareless fitting ends, installed into AS5202 fluid bosses.
- Temperatures to 1200°F.
- System pressures to 5000 psi and above. The seal is capable of higher pressures; boss or fitting may be limiting item. Consult your local representative for assistance if pressures exceed 5000 psi.
- Design supersedes prior MS33649 fluid connection boss.

Features:

- No rework of boss or fitting is necessary.
- Utilizes proven silver plated Alloy X-750 C-ring technology.
- Washer engages with fitting threads for centering the seal in the boss.
- Designed for installation in either direction.
- Internally pressure-energized to maintain sealing stress. No need to retorque.
- Cannot extrude or fail due to ageing, pressure impulses, proof testing or extreme temperatures.
- Fully compatible with all hydraulic fluids and fuels. One seal type works for all fluids.
- Easy selection for all standard dash sizes.
- Good all around performance, economically priced.

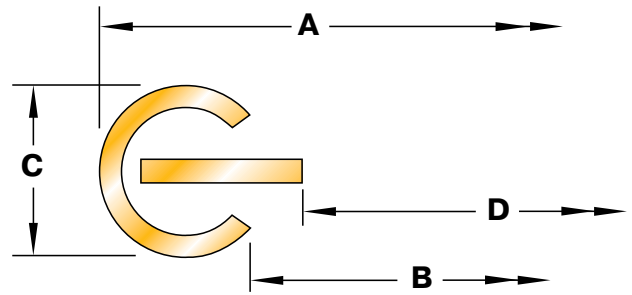


Part Number/Ordering:

Simply refer to the table below to determine the appropriate boss seal part number for the specific AS Dash Number.

The standard boss seal is made from Alloy X-750, work hardened, and silver plated to a thickness of 0.0005 to 0.001 inch.

Other materials are available. Please contact your local representative for assistance.



Seal Dimensions						
AS Dash Number	Boss Seal Part Number	A I.D. (tol. +0.000, - 0.005)	B Seal I.D. (min.)	C Free Height (tol. \pm 0.002)	Material Thickness	D Washer I.D. Ref
- 02	66690-02-07-1-SPA	0.381	0.302	0.047	0.006	0.278
- 03	66690-03-07-1-SPA	0.444	0.365	0.047	0.006	0.341
- 04	66690-04-07-1-SPA	0.506	0.427	0.047	0.006	0.397
- 05	66690-05-07-1-SPA	0.569	0.490	0.047	0.006	0.459
- 06	66690-06-07-1-SPA	0.631	0.552	0.047	0.006	0.517
- 07	66690-07-07-1-SPA	0.694	0.615	0.047	0.006	0.579
- 08	66690-08-07-1-SPA	0.819	0.740	0.047	0.006	0.699
- 09	66690-09-07-1-SPA	0.882	0.803	0.047	0.006	0.761
- 10	66690-10-07-1-SPA	0.944	0.865	0.047	0.006	0.817
- 11	66690-11-07-1-SPA	1.100	1.021	0.047	0.006	0.932
- 12	66690-12-07-1-SPA	1.156	1.051	0.062	0.010	0.995
- 14	66690-14-07-1-SPA	1.281	1.176	0.062	0.010	1.120
- 16	66690-16-07-1-SPA	1.406	1.301	0.062	0.010	1.245
- 18	66690-18-07-1-SPA	1.593	1.488	0.062	0.010	1.432
- 20	66690-20-07-1-SPA	1.718	1.613	0.062	0.010	1.557
- 24	66690-24-07-1-SPA	1.968	1.863	0.062	0.010	1.807
- 28	66690-28-07-1-SPA	2.343	2.238	0.062	0.010	2.182
- 32	66690-32-07-1-SPA	2.594	2.489	0.062	0.010	2.432

All dimensions are in inches and prior to plating.