



EIS
ENGINEERED
 INSERTS & SYSTEMS, INC.

PRESSURE PERFORMANCE

The values offered are to be used as a guideline. The base metal chosen for your specific application, the surface treatment, hole size and surface finish all affect seal performance.

Please contact EIS for additional information.

BASE METAL	EIS-1 (CASE HARDENING STEEL SLEEVE) METRIC													
	3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	12mm	14mm	16mm	18mm	20mm	22mm
1	5000 psi working pressure 16000 psi proof pressure								4000 psi working pressure 13000 psi proof pressure					
2														
3														
4														
5														
6	4500 psi working pressure								3500 psi working pressure					
7	14500 psi proof pressure								11500 psi proof pressure					

BASE METAL	EIS-3 (300 SERIES STAINLESS STEEL SLEEVE) METRIC													
	3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	12mm	14mm	16mm	18mm	20mm	22mm
1	6500 psi working pressure 20000 psi proof pressure								5000 psi working pressure 16500 psi proof pressure					
2														
3														
4														
5														
6	5500 psi working pressure								4000 psi working pressure					
7	17500 psi proof pressure								13000 psi proof pressure					

BASE METAL	EIS-5 (2024-T4 ALUMINUM SLEEVE) METRIC													
	3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	12mm	14mm	16mm	18mm	20mm	22mm
1	3000 psi working pressure 10000 psi proof pressure								2500 psi working pressure 8000 psi proof pressure					
2														
3														
4														
5														
6	2000 psi working pressure								1500 psi working pressure					
7	7500 psi proof pressure								5000 psi proof pressure					

BASE METAL	RS SERIES						
	4mm	5mm	6mm	7mm	8mm	9mm	10mm
1	7000 psi working pressure 23000 psi proof pressure						
2							
3							
4							
5							
6	6500 psi working pressure						
7	20000 psi proof pressure						

BASE METAL						
SAE 1144	SAE 10L15	ASTMA48 Cast iron	ASTMA356 Ductile iron	2024-T4	6061-T6	356-T6 Cast alum
1	2	3	4	5	6	7

Engineered Inserts & Systems, Inc.

Certified ISO/TS 16949-2009

RoHS Compliant

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