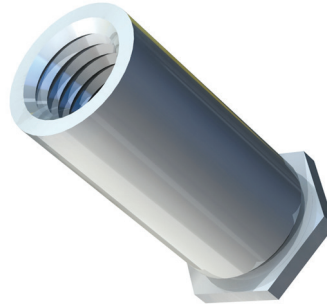
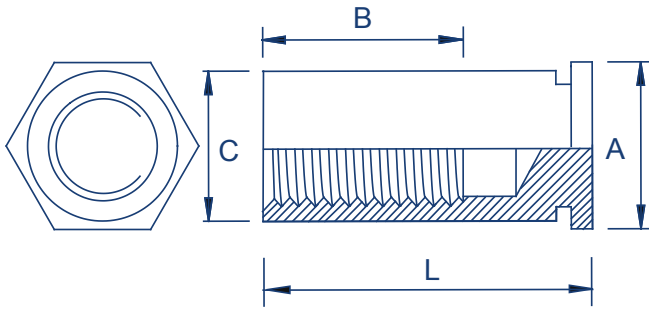


# Blind Standoffs

TR-BSO/TR-BSOS/TR-BSO4/TR-BSOA



Zinc Plated Steel : TR-BSO | Stainless Steel : TR-BSOS | 400 Series Stainless Steel : TR-BSO4 | Aluminium : TR-BSOA



## Metric Dimensions

Thread	M2, M2.5, M3			M3alt			M4			M5		
C +0.0 -0.13	4.2			5.39			7.12			7.12		
A nom	4.8			6.4			7.9			7.9		
Min rec sheet thickness	1.0			1.0			1.27			1.27		
Hole size +0.08 -0.00	4.22			5.41			7.14			7.14		
Min distance to edge of sheet	6			6.8			8			8		
Length (mm) tolerance +0.05/-0.13	5	6	7	8	10	12	14	16	18	20	22	25
'B' Dim (mm)	2.8	3.2	3.6	4		5	6.5			9.5		

## Metric Performance Data: TR-BSO / TR-BSOS

Thread		M2, M2.5, M3	M3alt	M3.5, M4	M5
Test sheet	Steel	1.5mm	1.5mm	1.5mm	1.5mm
Installation	(kN) Steel + Stainless	9.9	14.8	17.9	17.9
Torsional resistance	(Nm) Steel + Stainless	2.16	2.16	8.5	8.5
Pushout	(N) Steel + Stainless	1050	1870	2500	2500
Pull-through	(N) Steel	1470	1470	3180	3180
	(N) Stainless	1180	1180	2490	2490
Max torque for mating screw	(Nm) Steel	0.56	0.56	2.1	3.7
	(Nm) Stainless	0.45	0.45	1.7	2.9

For use in sheet hardness: TR-BSO - HRB80, TR-BSOS - HRB70, TR-BSO4 - HRB88, TR-BSOA - HRB50

These tests have been conducted in laboratory conditions, these figures should therefore be used for guidance only.

All data is correct to the best of our knowledge, however TR cannot be held responsible for any errors or omissions.