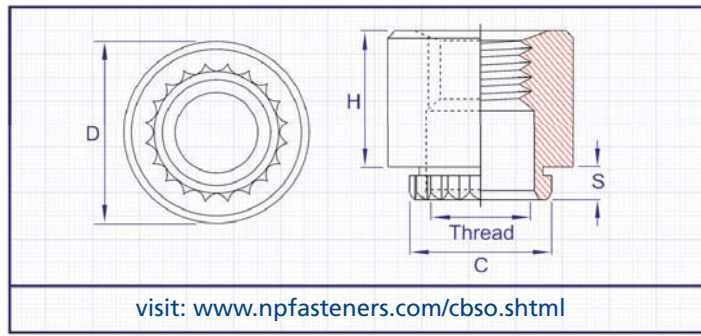


# BROACHING STANDOFFS



## TYPE CBSO



### SPECIFICATION BROACHING STANDOFFS ARE MADE TO ORDER ONLY.

Thread & Pitch	S Max	C ±0.08	D ±0.13	Minimum Sheet Thickness	Hole Size in Sheet +0.08	Minimum Distance to Edge of Sheet	
M3 x 0.5	1.53	4.68	5.56	1.53	4.22	4.4	
M4 x 0.7	1.53	6.86	8.74	1.53	6.40	7.1	
I/D 3.60mm	1.53	5.87	7.14	1.53	5.41	5.5	
STANDOFF Length (L)		3	4	6	8	10 12 14 16	
Minimum Thread (E)		FULLY THREADED				9.00 ± 0.4	

### INFORMATION

**MATERIALS**

Carbon Steel,  
Stainless Steel (A2).

**FINISHES**

Electro Plate Bright  
Tin (ET).

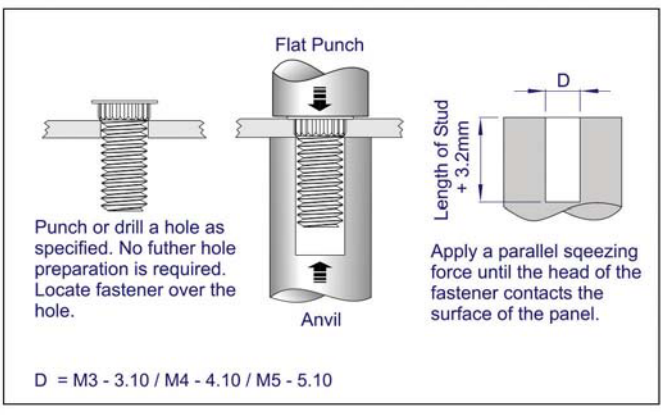
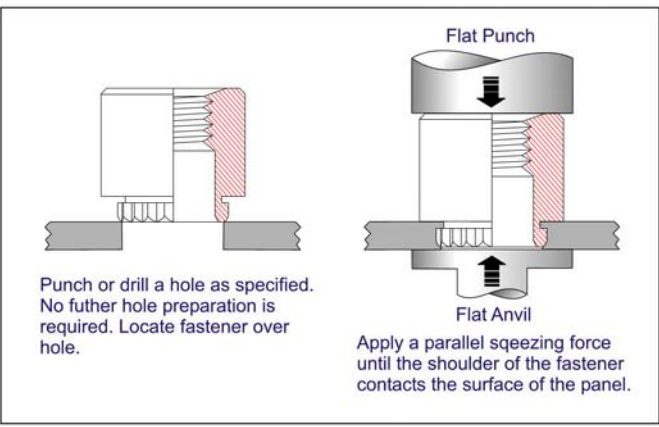
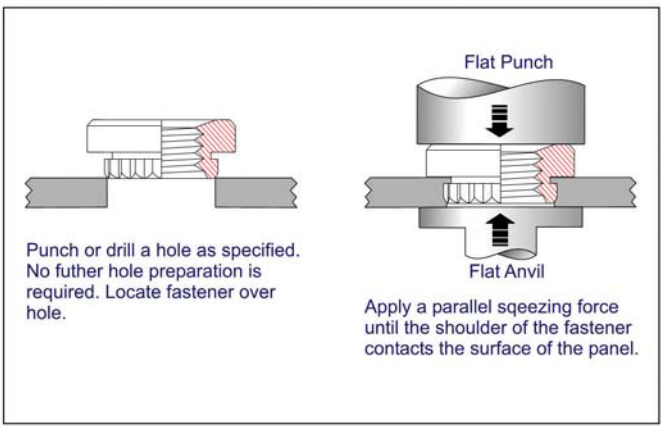
**PART NUMBER EXAMPLE**

Type / Thread / Length / Finish =  
CBSO - M3 - 10 - ET  
(Broaching Standoff, M3,  
10mm, Electro Tin)

**NOTES:**

Maximum hardness of parent material : Steel parts - 60HRB : Stainless Steel parts - 70HRB. Please note that Stainless Steel parts cannot usually be successfully installed into Stainless Steel Sheet. (See Self clinch technical notes page for further details).

### BROACHING FASTENER INSTALLATION GUIDE



For detailed installation guides and performance data visit [www.npfasteners.com/installation-broaching.shtml](http://www.npfasteners.com/installation-broaching.shtml)

For our full range of broaching fasteners visit [www.npfasteners.com/broaching.shtml](http://www.npfasteners.com/broaching.shtml)

BROACHING FASTENERS