





## Self Drilling Bugle Head



### GENERAL INFORMATION - SDS Screws

Gauge	6g	8g	10g		12g			13g	14g	
TPI	20	18	16	24	14	24	24 5 series	13	10	20
Max. Drill Capacity steel	2.3mm	2.5mm	3.5mm	4.5mm	4.5mm	6.0mm	12.5mm	1.0mm	3.0mm	6.4mm

	Material	Gauge	TPI	Material Thickness (G450)	Ultimate Average Pull Out Load	Torsional Strength	Axial Strength	Single Shear Strength
					kN	Nm	kN	kN
6 Gauge 	1022	6	20	0.75	1.0	4.0	5.1	3.4
				1.0	1.8			
				1.5	3.1			
				2.3	5.4			

	Material	Gauge	TPI	Material Thickness (G450)	Ultimate Average Pull Out Load	Torsional Strength	Axial Strength	Single Shear Strength
					kN	Nm	kN	kN
8 Gauge 	1022	8	18	0.75	1.1	6.7	9.5	5.3
				1.0	2.3			
				1.5	3.6			
				2.5	6.5			

NOTE: Ultimate average pull-out loads must be divided by an appropriate safety factor in order to determine either design or recommended loads.

ICCONS Pty Ltd.

Head Office, 12-18 Produce Drive,  
Dandenong South, Victoria, 3175

P: 03 9706 4344  
F: 03 9768 3329  
E: info@iccons.com.au



Note: ICCONS® has taken extreme care in compiling the above information. ICCONS® believe the information is true and correct as at the date of this document.

24/10/2018  
Page 1 of 1