



## Pullout Data For Powers Screws

### Self Drilling Screws For Metal

Average Ultimate Pullout Loads into G450 Steel							
Steel thickness							
Size:	1.0mm	1.2mm	1.5mm	1.9mm	2.4mm	3.0mm	10.0mm
6-20	1.8	2.3	3	3.7	5.5		
8-18	2.3	2.6	3.1	4.1	6.5		
10-16	2.1	2.6	3	4.3	6.2	8.2	
10-24	2.2	2.8	3.7	5.3	7.4		
12-14	2.3	2.3	3.2	4.5	6.3	8.2	
12-24	2.1	2.4	3.8	5.2	7.3		
14-10	2.1	1.9	3.3	4.9	7	9.4	
14-20	2.7	3.1		6.1	8.5		

### Self Drilling Screws For Timber

Average Ultimate Pullout Loads into Timber MGP10 Pine					
Depth					
Size:	20mm	25mm	30mm	35mm	50mm
6-18x25	2.4				
8-15x25	2.6				
10-12x75	3.6	3.4	4.3	4.6	6.6
12-11x50		4	3.7	5.3	
14-10x75				4.3	6.3

### Self Drilling Screws For Timber

Average Ultimate Pullout Loads into Timber MGP12 Pine					
Depth					
Size:	20mm	25mm	30mm	35mm	50mm
6-18x25	2.5				
8-15x25	2.9				
10-12x75	3.7	3.4	4.6	4.6	7.4
12-11x50		5.1	5.4		
14-10x75					

### BI-METAL 304 Stainless Steel Self Drilling Screws For Metal

Average Ultimate Pullout Loads into G450 Steel			
Steel Thickness			
Size:	1.5mm	2mm	6.0mm
10-16	3.4	4.4	
12-14	3.3	4.1	
14-14	4.1	5.2	
14-24	3.3	4.2	14.9

NOTE: Testing conducted in Accordance with AS3566.1-2002 Appendix D and E.

[www.powers.com.au](http://www.powers.com.au)

Distributed by:

**AeroFast Australia Pty Ltd** ABN: 23 068 361 455

**BRISBANE - 8 Booran Drive, Woodridge QLD 4114**

**Tel: 07 3299 4555 Fax: 07 3299 4566**

**e-mail: [sales@aerofast.com.au](mailto:sales@aerofast.com.au) Web: [www.aerofast.com.au](http://www.aerofast.com.au)**

Screw & Riveting solutions

**Powers**  
FASTENERS®