



Technical Specifications - Type 17 Screws

Actual Average Pullout Loads

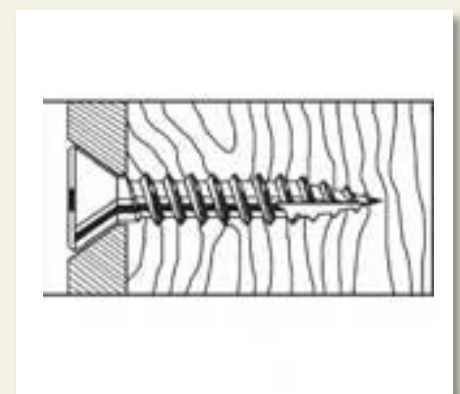
Buildex Type17 Screws

Pullout data into F5/JD4 Timber (Kilo Newtons)

Type 17	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	50mm Embedment
6-18 x 25mm	2	-	-	-	-
8-15 x 25mm	2.5	-	-	-	-
8-18 x 40mm	-	3.4	-	-	-
10-12 x 45mm	3	3.8	3.8	5.7	-
10-12 x 75mm	2	3.8	3.8	5.7	-
12-11 x 45mm	-	-	5.4	-	-
12-11 x 50mm	-	-	5.4	-	-
Roof Zips	-	-	5.4	6.3	-
14-10 x 50mm	-	-	6.5	6.9	-
14-10 x 75mm	-	-	6.5	6.9	9.7

Pullout data into F8/JD2 Timber (Kilo Newtons)

Type 17	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	50mm Embedment
6-18 x 25mm	2.2	-	-	-	-
8-15 x 25mm	2.4	-	-	-	-
8-18 x 40mm	-	2.7	-	-	-
10-12 x 45mm	2.3	3.5	3.9	5.3	-
10-12 x 75mm	2.3	3.5	3.9	5.3	-
12-11 x 45mm	-	-	4.3	-	-
12-11 x 50mm	-	-	4.3	5.2	-
14-10 x 50mm	-	-	4.5	6.2	-
14-10 x 75mm	-	-	4.5	6.2	9



Metroll Newcastle
 ABN 97 001 446 439
 268 Macquarie Road
 WARNERS BAY NSW 2282
 AUSTRALIA

P: +61 (0)2 4954 5799
 F: +61 (0)2 4954 0891
www.metrollnewcastle.com.au
enquiries@metrollnewcastle.com.au

Technical Specifications - Type 17 Screws

Actual Average Pullout Loads

Buildex Type17 Screws

Pullout data into F17/J3 Timber (Kilo Newtons)

Type 17	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	50mm Embedment
6-18 x 25mm	3.6	-	-	-	-
8-15 x 25mm	4.1	-	-	-	-
8-18 x 40mm	-	4.9	-	-	-
10-12 x 45mm	3.8	5.2	6	7.3	-
10-12 x 75mm	3.8	5.2	6	7.3	-
12-11 x 45mm	-	-	6.4	-	-
12-11 x 50mm	-	-	6.4	7.9	-
Roof Zips	-	-	6.3	7.2	-
14-10 x 50mm	-	-	7.1	9.1	-
14-10 x 75mm	-	-	7.1	9.1	13.5

Mechanical Properties

Type 17	Single Shear	Axial Tensile	Torsional
6-18 x 25mm	3.4	4.2	3.4
8-15 x 25mm	4.1	8.7	5.8
8-18 x 40mm	5.1	6.3	5.9
10-12 x 45mm	8.1	9.4	7.3
10-12 x 75mm	8.1	9.4	7.3
12-11 x 45mm	8.4	13.9	13.5
12-11 x 50mm	8.4	13.9	13.5
Roof Zips	8.5	15.4	14
14-10 x 50mm	10.2	17.9	19.5
14-10 x 75mm	10.2	17.9	19.5

Note: All values are averages obtained under laboratory conditions (N.A.T.A approved). Appropriate safety factors should be applied for design purposes. These figures apply to Buildex® (BX Head marked) products only.



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