



SHEAR SCREW DATA BRASS SCREWS

Manual No:
DL-HRDWR-298

Revision: **C**

Revision Date:
11/19/2015

Authored by: *B.Mathis*

Approved by: *H.Bringham*

SIZE	THREADS PER INCH	SHEAR VALUE* (LBS PER SCREW)
#6	32	375
#10	24	700
	32	750
1/4	20	1,200
	28	1,400
5/16	18	2,000
	24	2,200
3/8	16	3,400
7/16	14	4,500
	20	5,000
1/2	13	5,500
	20	6,200
5/8	11	8,800

NOTE₁: Allow + / - 10%

NOTE₂: Shear value applies regardless of screw length.

* These values do NOT apply if shear screws are used in a pressure-operated tool. Refer to the technical manual for the specific tool or contact D&L Engineering Dept.

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REVISION HISTORY

DATE	REVISION	DESCRIPTION OF CHANGES	REVISED BY	APPROVED BY
11/19/2015	C	Added: #6-32 brass screw, Note1; Revised: 7/16-14 was 4,100 lbs, 7/16-20 was 4,300; Removed: 3/8-24, 9/16-12, 9/16/18, 5/8-18;	B.Mathis	H.Bringham
04/08/2014	B	Shear value for 3/8-16 was 3,000 lbs;	B.Mathis	K.Plunkett