

### Bolt Shear Capacity Imperial \*

Size	Grade 2		Grade 5			Grade 8		
	Shank (1)	Thread (2)	Shank (1)	Thread (2)		Shank (1)	Thread (2)	
		BSW		UNC	UNF		UNC	UNF
1/4"	9	5	16	9	11	20	11	14
5/16"	13	8	26	15	17	32	19	22
3/8"	19	12	37	23	27	46	28	34
7/16"	26	16	50	31	36	63	39	45
1/2"	34	21	65	42	50	82	52	62
5/8"	53	35	102	67	80	128	84	100
3/4"	77	53	147	101	117	184	126	146
7/8"	105	73	201	140	160	251	175	200
1"	137	97	262	184	208	327	230	260
1-1/8"	173	121	332	202	237	414	289	338
1-1/2"	308	226	589	377	444	736	539	634

*Shank (1)* shear capacity of the unthreaded section (plain shank) of the fastener.

*Thread (2)* shear capacity of the threaded section of the fastener.

**Notes**

– all shear capacity values are given in kilo-Newtons (kN)

– all values represent the minimum breaking load in 'single' shear.

**\*This table is recommended for use as a guide only. While all care has been taken with its preparation, no responsibility is accepted for the absolute accuracy of the data provided.**