



the best way to bolt!

## Bolt Tension Chart

DIAMETER	GRADE	
	A 325*	A 490*
1/2"	12 kips	15 kips
5/8"	19 kips	24 kips
3/4"	28 kips	35 kips
7/8"	39 kips	49 kips
1"	51 kips	64 kips
1 1/8"	56 kips	80 kips
1 1/4"	71 kips	102 kips
1 3/8"	85 kips	121 kips
1 1/2"	103 kips	148 kips
*Table 8.1 RCSC 70% Minimum Specified Ultimate Tensile Strength		
	<b>8.8**</b>	<b>10.9**</b>
M12	49 kN	61 kN
M16	91 kN	114 kN
M20	142 kN	179 kN
M22	176 kN	221 kN
M24	205 kN	257 kN
M27	267 kN	334 kN
M30	326 kN	408 kN
M36	475 kN	595 kN

\*\*70% Minimum Specified Ultimate Tensile Strength

# Line Card

All DTIs made to ASTM F959/959M.

Any special compression strength grade or custom DTI shapes made to special order only.

All DTIs are offered both Standard and Squirter Type.

S/O - Special Order only, not normally manufactured. Minimum quantities apply.

Coatings such as Xylan, Geomet, FluoroKote and others are available.

Bolt Diameter				Grade 325
	Plain	Mech Galv	Weathering Steel/Type 3	Pcs/Keg Wt
1/2"	Stock	Stock	Stock	1750/50 lb
5/8"	Stock	Stock	Stock	1250/60 lb
3/4"	Stock	Stock	Stock	1000/60 lb
7/8"	Stock	Stock	Stock	650/60 lb
1"	Stock	Stock	Stock	500/60 lb
1 1/8"	Stock	Stock	Stock	450/60 lb
1 1/4"	Stock	Stock	Stock	350/60 lb
1 3/8"	Stock	Stock	Stock	250/60 lb
1 1/2"	Stock	Stock	Stock	225/60 lb

Bolt Dia				Grade 490
	Plain	Dacromet	Weathering Steel/Type 3	Pcs/Keg Wt
1/2"	Stock	Stock	Stock	1750/50 lb
5/8"	Stock	Stock	Stock	1250/60 lb
3/4"	Stock	Stock	Stock	750/60 lb
7/8"	Stock	Stock	Stock	500/60 lb
1"	Stock	Stock	Stock	400/60 lb
1 1/8"	Stock	Stock	Stock	350/60 lb
1 1/4"	Stock	Stock	Stock	250/60 lb
1 3/8"	Stock	Stock	Stock	200/60 lb
1 1/2"	Stock	Stock	Stock	175/60 lb

Bolt Dia				Grade 8.8
	Plain	Mech Galv	Weathering Steel/Type 3	Pcs/Keg Wt
M12	Stock	Stock	S/O	1750/60lb
M16	Stock	Stock	S/O	1250/60 lb
M20	Stock	Stock	S/O	750/60 lb
M22	Stock	Stock	S/O	650/60 lb
M24	Stock	Stock	S/O	450/60 lb
M27	Stock	Stock	S/O	325/60 lb
M30	Stock	Stock	S/O	250/60 lb
M36	Stock	Stock	S/O	175/60 lb

Bolt Dia				TYPE 10.9
	Plain	MG/Dacro/Geomet	Note	Pcs/Keg Wt
M12	Stock	Stock		1750/60 lb
M16	Stock	Stock		1250/60 lb
M20	Stock	Stock		750/60 lb
M22	Stock	Stock	Made as 7/8 A490, same strength, same dimensions.	650/60 lb
M24	Stock	Stock		450/60 lb
M27	Stock	Stock		325/60 lb
M30	Stock	Stock		250/60 lb
M36	Stock	Stock		175/60 lb

Bolt Dia		TYPE 10.9		
	Plain	Pcs/Keg Wt	Custom Orders Only	
M42			DAST - Guideline 021	
M48				
M56				
M64				