

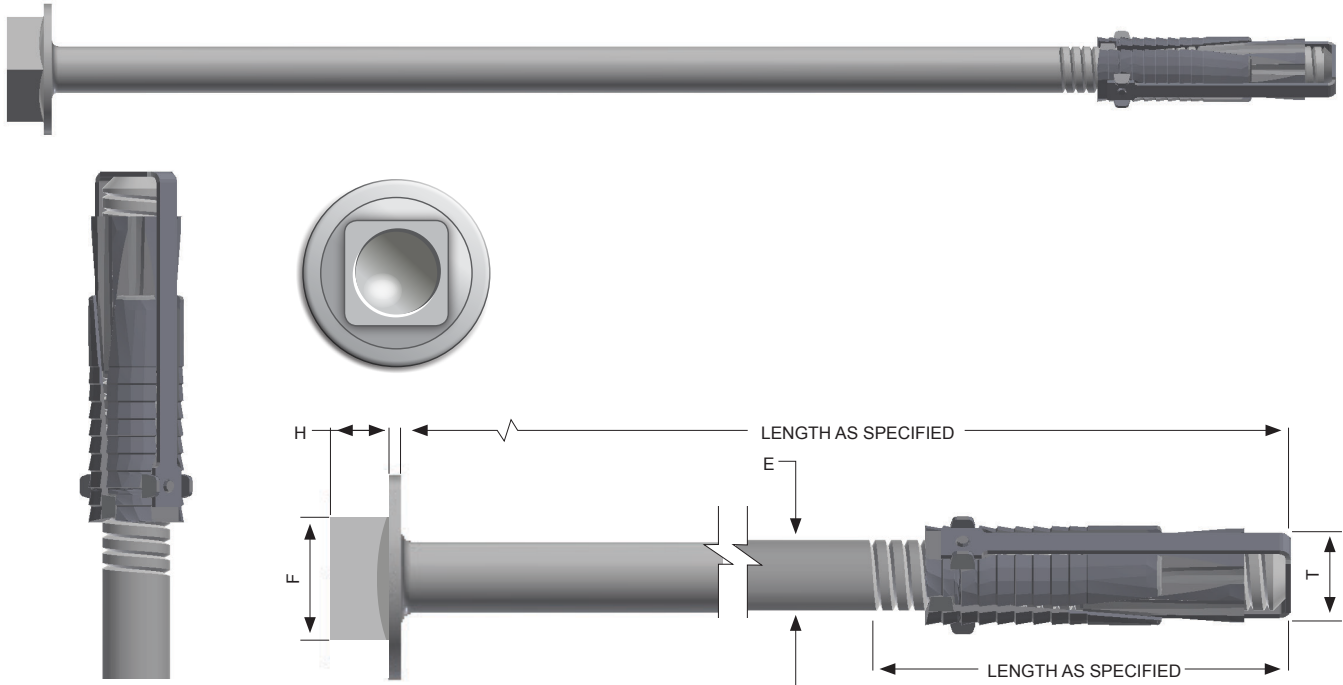
Conventional/Mechanical Bolts



Forged Head, 1-1/8" (29 mm) Square

All systems are configured with high strength bar:

- Grade 55 (55,000 psi minimum yield)
- Grade 75 (75,000 psi minimum yield)



Dimensions

	Bar Type	Bolt Size, in. (mm)			
		5/8 (16)	3/4 (19)	7/8 (22)	1 (25)
Body Diameter (E), Nominal, in. (mm)	Smooth	0.563 (14)	0.680 (17)	0.797 (20)	0.906 (23)
Head Across Flats Nominal (F), in. (mm)		1.125 (28.58)			
Head Height (H), min., in. (mm)		0.476 (12.09)			
Thread Size (T), LH or RH, in.		5/8-11 UNC	3/4-10 UNC	7/8-9 UNC	1-8 UNC

All dimensions and thread sizes in accordance with ASTM F432.

Technical Data – Smooth Bar

Grade	Gr55	Gr75			
Bolt Size, in. (mm)	5/8 (16)	5/8 (16)	3/4 (19)	7/8 (22)	1 (25)
Thread Yield Strength, min., lb (kN)	12,400 (55)	17,000 (76)	25,200 (112)	34,700 (154)	45,500 (202)
Thread Tensile Strength, min., lb (kN)	19,200 (85)	22,600 (101)	33,500 (149)	46,250 (205)	60,600 (270)

All mechanical and physical properties in accordance with ASTM F432.