
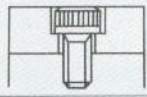



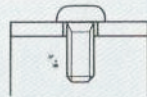



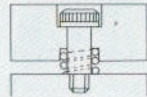

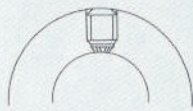



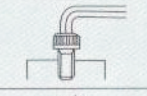



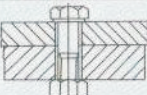

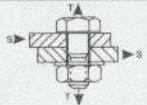



Unilok High Tensile Fasteners : Quick Selector Guide

Product	Application	Size Range				Equivalent Standards						Strength (Property Class/Grad)	
		Metric		Inch		IS	ISO	DIN	BS	ANSI	JIS	N/mm ² min.	Psi
		Dia.	Length	Dia.*	Length								
Socket Head Cap Screws 		3 to M42	6 to 300 mm	1/8" to 1"	3/8" to 10"	2269	4762	912	4168 2470	B18.3.1 M	B1176	1300 (12.9)	1,90,000
Socket Countersunk Head Screws 		M3 to M16	6 to 90 mm	3/16" to 5/8"	3/8" to 1 1/4"	6761	-	7991	4168 2470	B18.3.5 M	-	1050 (12.9)	1,60,000
Socket Button Head Cap Screws 		M3 to M10	6 to 50 mm	-	-	-	7380	9427	4168	B18.3.4 M	-	1050 (12.9)	-
Socket Low Head Cap Screws 		M4 to M20	10 to 200 mm	-	-	-	-	6912 7984	-	-	-	1040 (10.9)	-
Socket Head Shoulder Screws 		6.5 to 25 mm	10 to 120 mm	-	-	-	7379	9841	4168	-	B1175	Shear	
												730	-
Socket Set Screws Knurled Cup Point & Other Special Points 		M3 to M20	3 to 75 mm	1/8" to 3/4"	1/8" to 3"	6094	4026 4027 4028 4029	913 914 915 916	4168 2470	B18.3.6 M	B1177	Hardness	
												HRc 45 Min. (45H)	HRc 45 M
Pressure Plugs 		M18 to M30	-	1/8" to 1" **	-	9645	-	906	-	-	-	500 (5.8)	As per requirement
Hexagon Wrenches 		1.5 to 32 mm	-	1/16" to 3/4"	-	3082	2936	911	4168 2470	B18.3.2 M	B4648	Hardness	
												HRc 47 Min.	-
Hexagon Screws / Bolts 		M4 to M42	10 to 300 mm	1/4" to 1"	1/2" to 8"	1364	4014 4017	931 933	1083 1768	B18.2.1	B1180	800/830 (8.8) 1040 (10.9)	100800 112000 145600
Hexagon Nuts 		M12 to M42	-	-	-	1364	4032	934	1083 1768	B18.2.4.1 M B18.2.2	B1181	Proof Stress	
												1040 (10)	100800 168000
High Strength Structural Bolts/Nuts/Washers 		M16 to M36	40 to 300 mm	-	-	3757 6623 6649	7412 4775 7415	6914 6915 6916	4395	B18.2.3.7 M B18.2.4.6 M	B1186	Bolts 8.8/10.9 Nuts 8/10	-
Special Products 	-	M3 to M42	6 to 400 mm	1/8" to 1"	3/8" to 12"	As per customer specifications						As specified	

* Thread type in any of the following Inch Series : BSW, BSF, BA, UNC & UNF.

** Thread type in : NPTF