



FIGURE 46

Table 58

Nom. Dia.	Threads per inch UNC UNF	s		e	h	m	h	m
		Across Flats		Across Corners	P TYPE		T TYPE	
		Max.	Min.	Max.	Nut Height Max.	Hex Height Ref.	Nut Height Max.	Hex Height Ref.
1/4	20 28	.439	.430	.488	.328	.225	.240	.128
5/16	18 24	.502	.492	.557	.359	.250	.265	.158
3/8	16 24	.564	.553	.628	.468	.335	.348	.220
7/16	14 20	.627	.615	.698	.468	.324	.328	.225
1/2	13 20	.752	.741	.840	.609	.464	.328	.190
9/16	12 18	.877	.865	.982	.656	.469	-	-
5/8	11 18	.940	.928	1.051	.765	.593	.406	.265
3/4	10 16	1.064	1.052	1.191	.890	.742	.421	.288
7/8	9 14	1.312	1.269	1.447	1.022	.758	.484	.340
1	8 12	1.500	1.450	1.615	1.098	.858	.578	.405
1 1/8	7 12	1.688	1.631	1.826	1.224	.949	-	-
1 1/4	7 12	1.875	1.812	2.038	1.365	1.040	.765	.523
1 1/2	6 12	2.250	2.175	2.416	1.618	1.255	.828	.565
1 3/4	5 12	2.750	2.662	3.035	2.052	1.689	1.302	.939
2	4.5 12	3.125	3.025	3.449	2.367	1.935	1.492	1.060

Mechanical Properties:

UNC P Type	1/4" - 3/4"	Proof Load Stress 120,000 tonf/in ²	(827 MPa)	AS 2465 G5
UNC P Type	7/8" - 2"	Proof Load Stress 90,000 tonf/in ²	(621 MPa)	AS 2465 G2
UNF P Type	1/4" - 3/4"	Proof Load Stress 109,000 tonf/in ²	(952 MPa)	AS 2465 G5
UNF P Type	7/8" - 2"	Proof Load Stress 90,000 tonf/in ²	(621 MPa)	AS 2465 G2
UNC T Type	1/4" - 1 1/2"	Proof Load Stress 72,000 tonf/in ²	(496 MPa)	
UNC T Type	1/4" - 1 1/2"	Proof Load Stress 165,000 tonf/in ²	(448 MPa)	