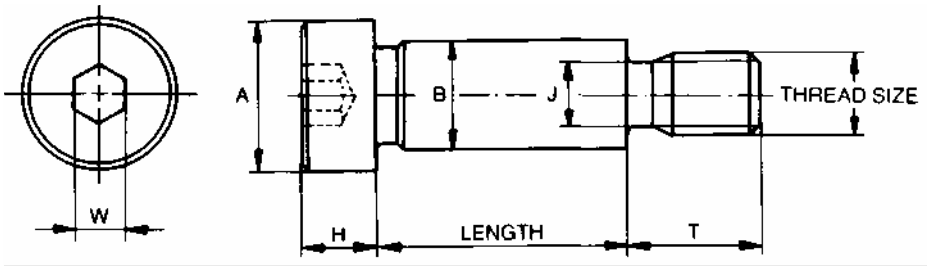
Socket Head Shoulder Screws

Unilok

Inch Series - UNC, BSW

Dimensions - Physical Properties - Lengths

Notes :
1 The screws will generally conform to BS : 2470
2. Threads will conform to Medium class of BS 84 for BSW & BSF threads and to class 3A of BS : 1580 for UNC & UNF threads 3 Material : "UNILOK" High Grade Alloy Steel
4. Heat Treatment : HRc 38-44.
5. Shear strength : 96,000 lbf/in^2
6. Length range available : Lengths between bold stepped lines as tabulated Length tolerance : i 0.005.
7. All dimensions are in inches
8. Screws will be designated by Body Size and Shoulder Length



Body Size		1/4		5/16	3/8	1/2	5/8	3/4	1
Thread Size		#10	3/16	1/4	5/16	3/8	1/2	5/8	3/4
T.P.I.	UNC	24	-	20	18	16	13	11	10
	BSW	-	24	20	18	16	12	11	10
B	Max.	0.2480		0.3105	0.3730	0.4980	0.6230	0.7480	0.9980
	Min.	0.2470		0.3095	0.3720	0.4970	0.6220	0.7470	0.9970
A Max.		0.375		0.437	0.562	0.750	0.875	1.000	1.312
H Max.		0.188		0.219	0.250	0.312	0.375	0.500	0.625
J Max.		0.142		0.193	0.249	0.304	0.414	0.521	0.638
T Max.		3/8		7/16	1/2	5/8	3/4	7/8	1
W Nom.		1/8		5/32	3/16	1/4	5/16	3/8	1/2

Body Size	Lengths																		
	1/2	5/8	3/4	7/8	1	1.1/4	1.1/2	1.3/4	2	2.1/4	2.1/2	2.3/4	3	3.1/4	3.1/2	3.3/4	4	4.1/2	5
1/4																			
5/6																			
3/8																			
1/2																			
5/8																			
3/4																			
1																			