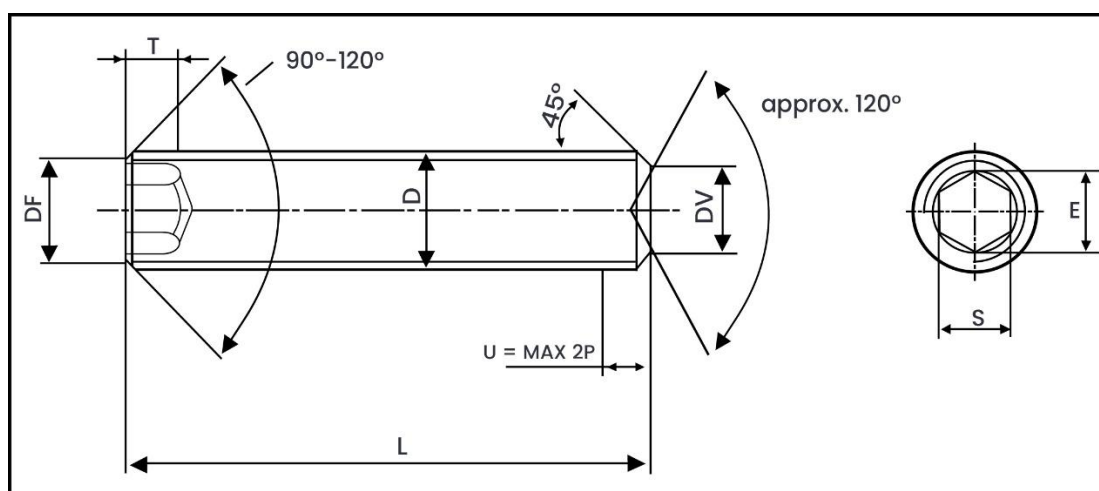


DIN 916

Hexagon Socket Set Screw with Cup Point



Metric Dimensions – DIN 916 Hexagon Socket Set Screw with Cup Point

Table 1: Metric Dimensions – M1.40 to M8

Thread D		M1.40	M1.60	M2	M2.50	M3	M4	M5	M6	M8
P		0.30	0.35	0.40	0.45	0.50	0.70	0.80	1	1.25
DV	Min.	0.45	0.55	0.75	0.95	1.15	1.75	2.25	2.75	4.70
	Max.	0.70	0.80	1	1.20	1.40	2	2.50	3	5
DF	Approx.	Lower limit of minor thread diameter								
E	Min.	0.803	0.803	1.003	1.427	1.73	2.30	2.87	3.44	4.58
S	Nominal	0.70	0.70	0.90	1.30	1.50	2	2.50	3	4
	Min.	0.711	0.711	0.889	1.27	1.52	2.02	2.52	3.02	4.02
	Max.	0.724	0.724	0.902	1.295	1.545	2.045	2.56	3.08	4.095
T	Min.	0.60	0.70	0.80	1.20	1.20	1.50	2	2	3
	Max.	1.40	1.50	1.70	2	2	2.50	3	3.50	5

Table 2: Metric Dimensions – M10 to M24

Thread D		M10	M12	M14	M16	M18	M20	M22	M24
P		1.50	1.75	2	2	2.50	2.50	2.50	3
DV	<i>Min.</i>	5.70	7.64	8.64	9.64	11.57	13.57	15.57	15.57
	<i>Max.</i>	6	8	9	10	12	14	16	18
DF	<i>Approx.</i>	Lower limit of minor thread diameter							
E	<i>Min.</i>	5.72	6.86	6.86	9.15	11.43	11.43	13.72	13.72
S	<i>Nominal</i>	5	6	6	8	10	10	12	12
	<i>Min.</i>	5.02	6.02	6.02	8.025	10.025	10.025	12.032	12.032
	<i>Max.</i>	5.095	6.095	6.095	8.115	10.115	10.115	12.142	12.142
T	<i>Min.</i>	4	4.80	5.60	6.40	7.20	8	9	10
	<i>Max.</i>	6	8	9	10	11	12	13.50	15