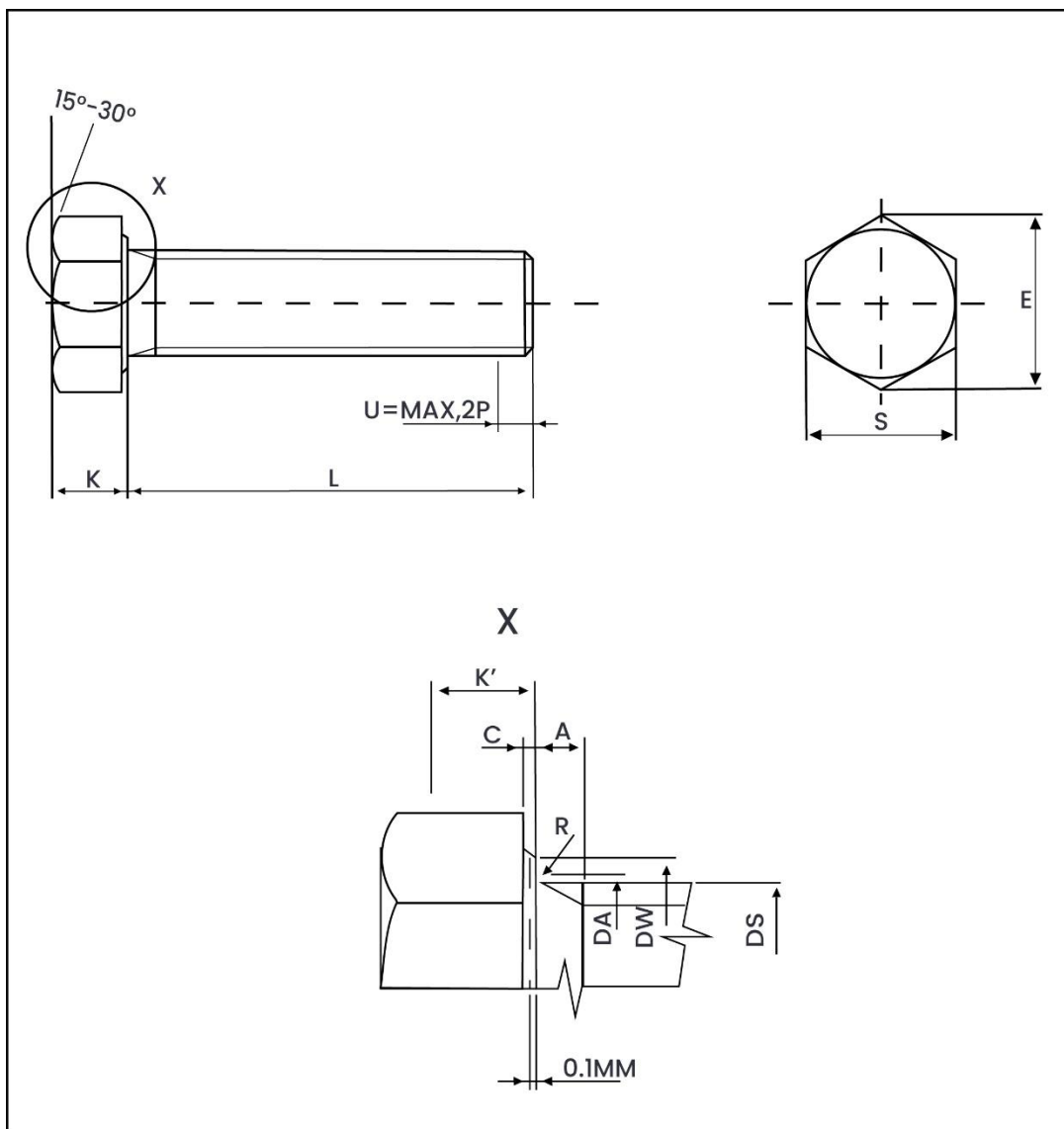


DIN 961

Hex Bolt (Fully Threaded)



Metric Dimensions – DIN 961 Hex Bolt (Fully Threaded)

Thread D			M8	M10	M12	M14	M16	M18	M20	M22	M24
C	Min.		0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20
	Max.		0.60	0.60	0.60	0.60	0.80	0.80	0.80	0.80	0.80
A	Max.		3	3.75	4.50	4.50	4.50	6	6	6	6
DA	Max.		9.20	11.20	13.70	15.70	17.70	20.20	22.40	24.40	26.40
DW	Min.	Product Grade A	11.60	15.60	17.40	20.50	22.50	25.30	28.20	30	33.60
		Product Grade B	11.40	15.40	17.20	20.10	22	24.80	27.70	29.50	33.20
R	Min.		0.40	0.40	0.60	0.60	0.60	0.60	0.80	0.80	0.80
E	Min.	Product Grade A	14.38	18.90	21.10	24.49	26.75	30.14	33.53	35.72	39.98
		Product Grade B	14.20	18.72	20.88	23.91	26.17	29.56	32.95	35.03	39.55
K	Nominal		5.30	6.40	7.50	8.80	10	11.50	12.50	14	15
	Product Grade A	Min.	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78
		Max.	5.45	6.58	7.68	8.96	10.18	11.72	12.72	14.22	15.22
	Product Grade B	Min.	5.06	6.11	7.21	8.51	9.81	11.15	12.15	13.65	14.65
		Max.	5.54	6.69	7.79	9.09	10.29	11.85	12.85	14.35	15.35
K'	Min.		3.54	4.28	5.05	5.96	6.80	7.80	8.50	9.60	10.30
S	Nominal		13	17	19	22	24	27	30	32	36
	Min.	Product Grade A	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38
		Product Grade B	12.57	16.57	18.48	21.16	23.16	26.16	29.16	31	35