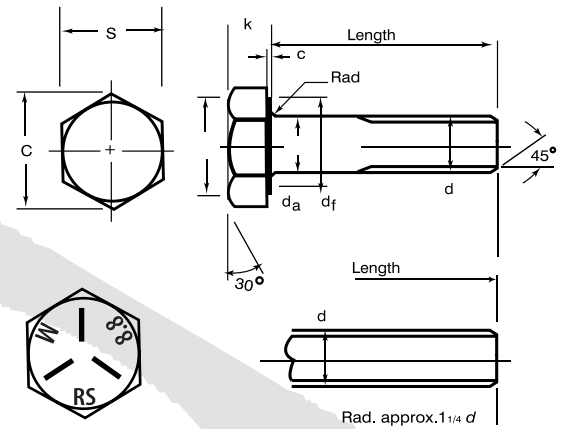




HIGH STRENGTH FRICTION GRIP BOLT & NUT - PART I

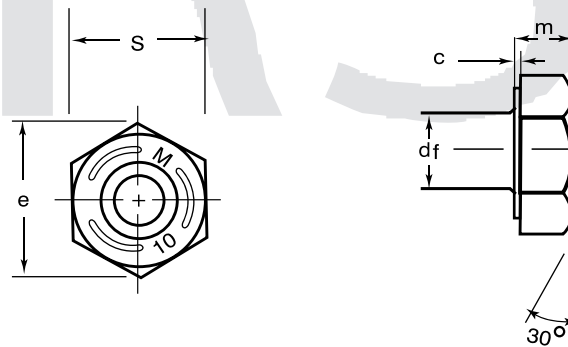
**ROCKSIDE
EXPORT LIMITED**

Standard Specification : BS 4395 Part 1
 Equivalent to DIN 6914, 6915
 Material : Alloy Steel
 Strength Grade : Class 8.8
 Threads : 6H of BS 3643 Part 1 & 2
 Surface Finish : Black, Hot Dipped Galvanized



DIMENSIONS HSGF BOLT

Nominal size and thread diameter d	Pitch of thread p (Coarse pitch series)	Diameter of unthreaded shank d		Width across flats s		Width across corner		Diameter of washer face dt		Depth of washer face c	Radius under head r		Transition diameter dn	Thickness of head k	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.		Max.	Min.
M 12	1.75	12.70	11.30	22	21.16	25.4	23.70	22	19.91	0.4	1.00	0.6	14.7	8.45	7.55
M 16	2.0	16.70	15.30	27	26.16	31.2	29.30	27	24.91	0.4	1.00	0.6	18.7	10.45	9.55
M 20	2.5	20.84	19.16	32	31.00	35.9	35.03	32	29.75	0.4	1.20	0.8	23.24	13.90	12.10
M 22	2.5	22.84	21.16	36	35.00	41.6	39.55	36	33.75	0.4	1.20	0.8	25.24	14.90	13.10
M 24	3.0	24.84	23.16	41	40.00	47.3	45.20	41	38.75	0.5	1.20	0.8	27.24	15.90	14.10
M 27	3.0	27.84	26.16	46	45.00	53.1	50.85	46	43.75	0.5	1.50	1.0	30.84	17.90	16.10
M 30	3.5	30.84	29.16	50	49.00	57.7	55.37	50	47.75	0.5	1.50	1.0	33.84	20.05	17.95
M 36	4.0	37.00	35.00	60	58.80	69.3	66.44	60	57.75	0.5	1.50	1.0	40.00	24.05	21.95



DIMENSIONS HSGG NUT

Nominal size and thread diameter d	Pitch thread p (Coarse pitch series)	Width across flats s		Width across CORNER e		Diameter of washer face dt		Depth of washer face e	Thickness of nut m	
		Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.
M 12	1.75	22	21.6	25.40	23.70	22	19.91	0.4	11.55	10.45
M 16	2.0	27	26.16	31.20	29.30	27	24.91	0.4	15.55	14.45
M 20	2.5	32	31.00	35.90	35.03	32	29.75	0.4	18.55	17.45
M 22	2.5	36	35.00	41.60	39.55	36	33.75	0.4	19.65	18.35
M 24	3.0	41	40.00	47.30	45.20	41	38.75	0.5	22.65	21.35
M 27	3.0	46	45.00	53.10	50.85	46	43.75	0.5	24.65	23.35
M 30	3.5	50	49.00	57.70	55.37	50	47.75	0.5	26.65	25.35
M 36	4.0	60	58.80	69.30	66.44	60	57.75	0.5	31.80	30.20

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