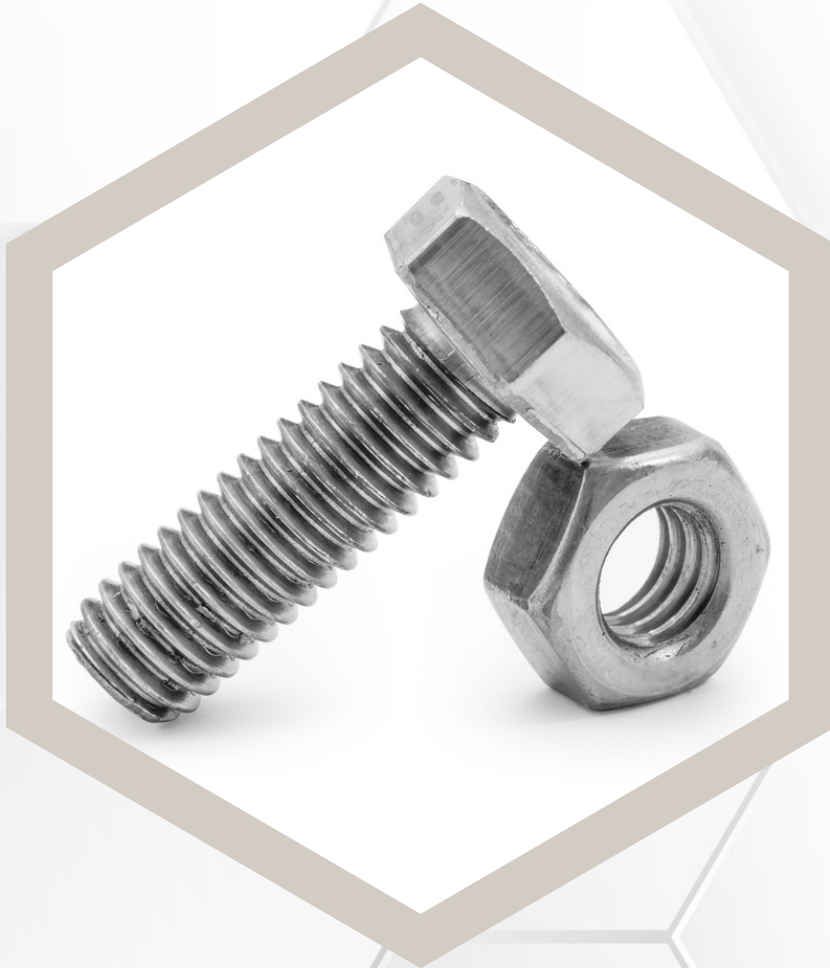


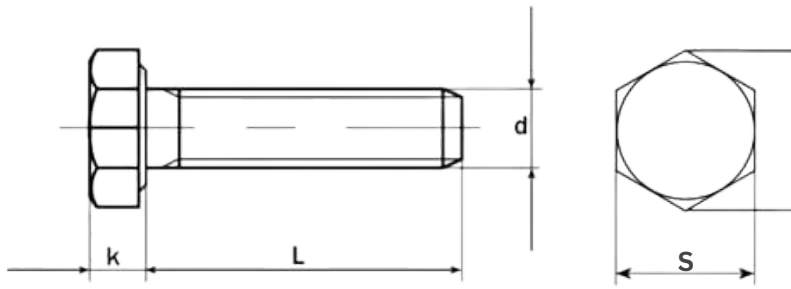


VINAYAK
FAS  **ENERS**

2026

"Fastening with Reliability"

Hexagonal Head Screw ISO 4017



DIN 933

Nom. Dia (d)		M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24
Thread pitch		1.0	1.3	1.5	1.8	2.0	2.0	2.5	2.5	2.5	3.0
K	Nominal	4.0	5.3	6.4	7.5	8.8	10.0	11.5	12.5	14.0	15.0
	Min.	3.9	5.2	6.2	7.3	8.6	9.8	11.3	12.3	13.8	14.8
	Max.	4.2	5.5	6.6	7.7	9.0	10.2	11.7	12.7	14.2	15.2
S	Max.	10.0	13.0	17.0	19.0	22.0	24.0	27.0	30.0	32.0	36.0
	Min.	9.8	12.7	16.7	18.7	21.7	23.7	26.7	29.7	31.6	35.4

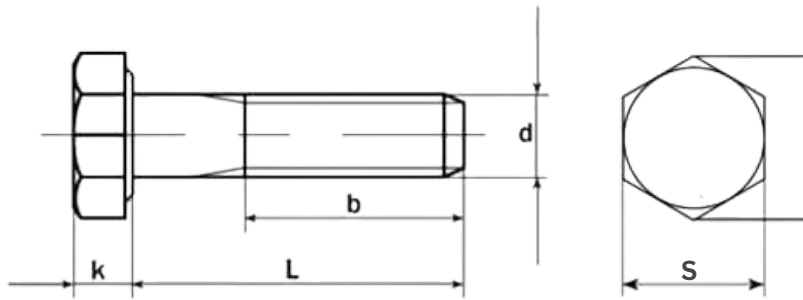
Nom. Dia (d)		M 27	M 30	M 33	M 36	M 39	M 42	M 45	M 48	M 52	M 56
Thread pitch		3.0	3.5	3.5	4.0	4.0	4.5	4.5	5.0	5.0	5.5
K	Nominal	17.0	18.7	21.0	22.5	25.0	26.0	28.0	30.0	33.0	35.0
	Min.	16.7	18.3	20.6	22.1	24.6	25.6	27.6	29.6	32.5	34.5
	Max.	17.4	19.1	21.4	22.9	25.4	26.4	28.4	30.4	33.5	35.5
S	Max.	41.0	46.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
	Min.	40.0	45.0	49.0	53.8	58.8	63.1	68.1	73.1	78.1	82.8

Steel Grades : 4.8, 5.8, 6.8, 8.8, 10.9, 12.9

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



Hexagonal Head Screw ISO 4014



DIN 931



Nom. Dia (d)	M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24
Thread pitch	1.0	1.3	1.5	1.8	2.0	2.0	2.5	2.5	2.5	3.0
Thread Length (b)	L < 125mm	18.0	22.0	26.0	30.0	34.0	38.0	42.0	46.0	54.0
	125-200mm	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0	60.0
	L > 200mm			45.0	49.0	53.0	57.0	61.0	65.0	73.0
K	Nominal	4	5.3	6.4	7.5	8.8	10.00	11.5	12.5	14
	Min.	3.85	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78
	Max.	4.2	5.5	6.58	7.68	8.98	10.18	11.72	12.72	14.8
S	Max.	10	13	17	19	22	24	27	30.0	36
	Min.	9.78	12.73	16.73	18.67	21.67	23.67	26.67	26.67	31.61

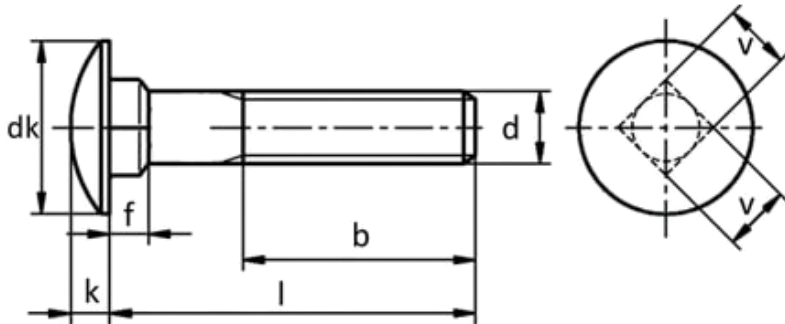
Nom. Dia (d)	M 27	M 30	M 33	M 36	M 39	M 42	M 45	M 48	M 52	M 56
Thread pitch	3.0	3.5	3.5	4.0	4.0	4.5	4.5	5.0	5.0	5.5
Thread Length (b)	L < 125mm	60.0	66.0	72.0	8.0	84.0	90.0	96.0	102.0	118.0
	125-200mm	66.0	72.0	78.0	84.0	90.0	96.0	102.0	108.0	124.0
	L > 200mm	79.0	85.0	91.0	97.0	103.0	109.0	115.0	121.0	137.0
K	Nominal	17	18.7	21	22.5	25	26.00	28	29.0	33
	Min.	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5
	Max.	17.4	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5
S	Max.	41	46.0	50	55	56	60	70	75.0	85
	Min.	40	45	49	53.8	58.8	63.8	68.1	73.1	82.8

Steel Grades : 4.8, 5.8, 6.8, 8.8, 10.9, 12.9

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



Carriage Bolt ISO 8677

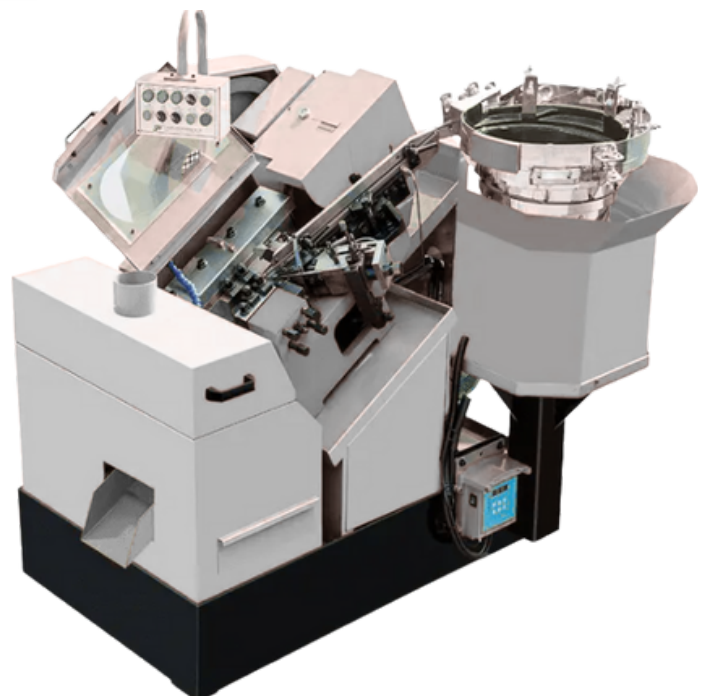


DIN 603

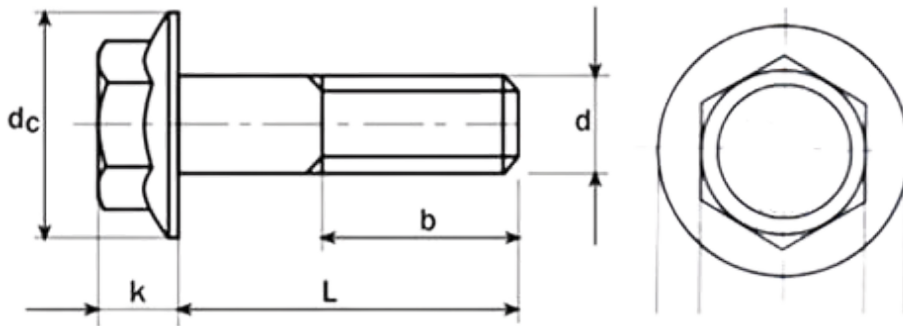
Nom. Dia (d)		M 6	M 8	M 10	M 12	M 16	M 20
Thread pitch		1	1.25	1.5	1.75	2	2.5
Thread Length (b)	L < 125mm	18	22	26	30	38	46
	125-200mm	24	28	32	36	44	52
	L > 200mm		41	45	49	57	65
dk	Max.	16.55	20.65	24.65	30.65	38.8	46.8
f	Max.	4.6	5.6	6.6	8.75	12.9	15.9
k	Max.	3.88	4.88	5.38	6.95	8.95	11.05
v	Max.	6.48	8.58	10.58	12.7	16.7	20.84

Steel Grades : 4.8, 5.8, 6.8, 8.8, 10.9, 12.9

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



Flange Bolt ISO 4162



DIN 6921

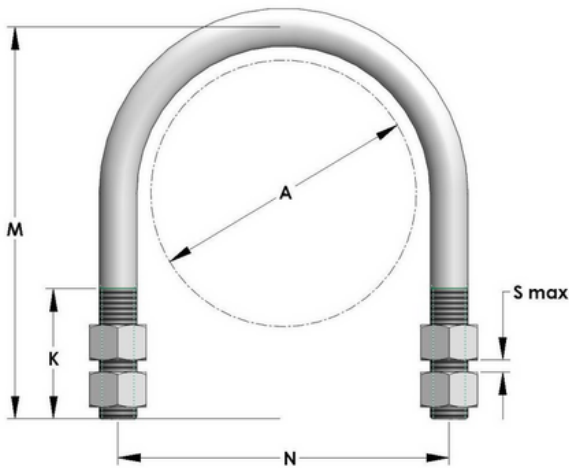
Nom. Dia (d)		M 6	M 8	M 10	M 12	M 16	M 20
Thread pitch		1	1.25	1.5	1.75	2	2.5
Thread Length (b)	L < 125mm	18	22	26	30	38	46
	125-200mm		28	32	36	44	52
	L > 200mm			45	49	57	65
ds	Min.	6	8	10	12	16	20
	Max	5.82	7.78	9.78	11.73	15.73	19.67
k	Max.	6.6	8.1	9.2	11.5	14.4	17.1
Flange diameter		14.2	18	22.3	26.6	35	43
e	Min.	10.95	14.26	16.5	17.62	23.15	29.87
s	Min.	9.78	12.73	14.73	15.73	20.67	26.67
	Max.	10	13	15	16	21	27

Steel Grades : 4.8, 5.8, 6.8, 8.8, 10.9, 12.9

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



U Bolt ISO 1703



DIN 3570

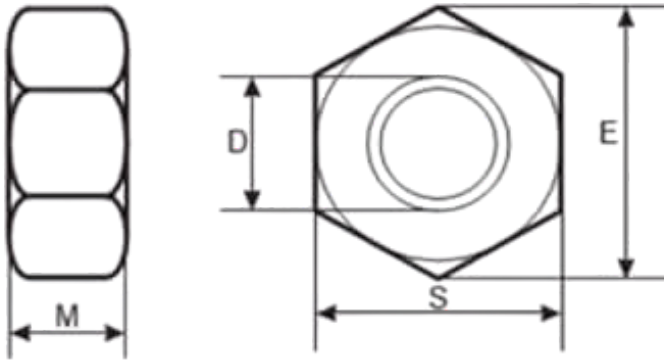
Pipe Size		Thread size	Centres (N)	(M)	Thread Length (K)
Nominal Size	Outside Diameter (A)				
NB	mm		mm	mm	mm
15	21.3	M 8	40	50	25
20	26.7	M 8	45	55	25
25	33.4	M 8	50	60	30
32	42.2	M 8	60	70	30
40	48.3	M 10	65	80	40
50	60.3	M 10	80	100	40
65	76.1	M 12	95	120	50
80	88.9	M 16	110	140	55
100	114.3	M 16	140	165	55
125	141.3	M 16	165	190	55
150	168.3	M 20	195	225	65
175	193.7	M 20	220	280	65
200	219.1	M 20	250	275	65
225	244.5	M 20	275	300	65
250	273	M 20	305	335	75
300	323.9	M 20	355	385	75
350	355.6	M 24	390	425	80
400	406.4	M 24	440	475	80
450	457.2	M 24	495	525	80
500	508	M 24	545	575	80
550	559	M 24	595	625	80
600	609.6	M 24	645	675	80



Steel Grades : 4.8, 5.8, 6.8, 8.8

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black

Hex Nut ISO 4032



DIN 934

Thread D		M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 27
P		1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3
E	Min.	11.1	14.4	17.8	20	23.4	26.8	29.6	33	37.3	39.6	45.2
	Max.	5.2	6.8	8.4	10.8	12.8	14.8	15.8	18	19.4	21.5	23.8
M	Min.	4.9	6.4	8	10.4	12.1	14.1	15.1	16.9	18.1	20.2	22.5
	Max.	10	13	16	18	21	24	27	30	34	36	41
S	Min.	9.8	12.7	15.7	17.7	20.7	23.7	26.2	29.2	33	35	40

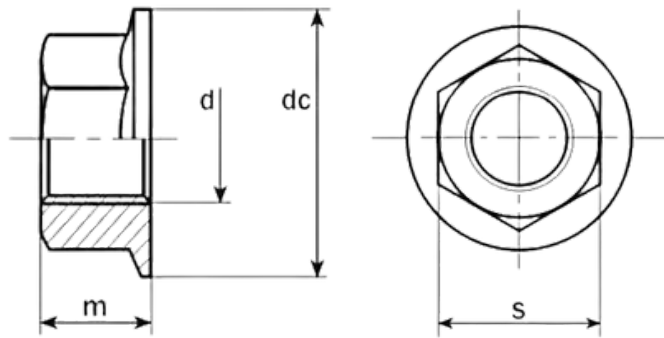
Thread D		M 30	M 33	M 36	M 39	M 42	M 45	M 48	M 52	M 56	M 60
P		3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5
E	Min.	50.9	55.4	60.8	66.4	71.3	77	82.6	88.3	93.6	99.2
	Max.	25.6	28.7	31	33.4	34	36	38	42	45	48
M	Min.	24.3	27.4	29.4	31.8	32.4	34.4	36.4	40.4	43.4	46.4
	Max.	46	50	55	60	65	70	75	80	85	90
S	Min.	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8

Steel Grades : 5 , 8 , 10

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



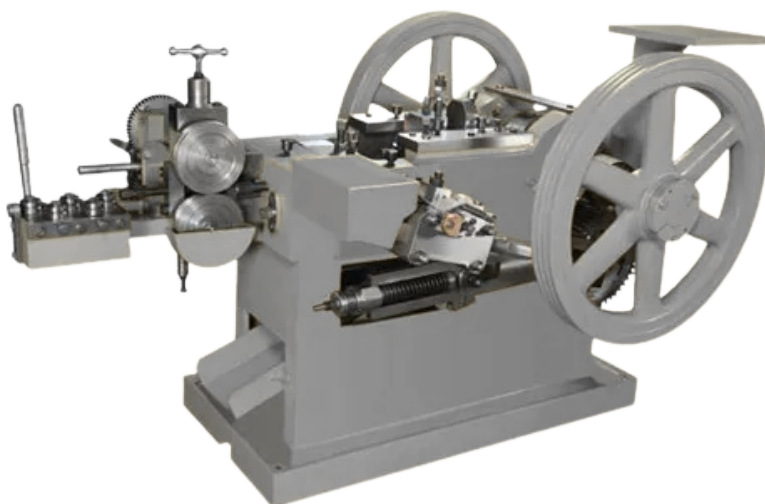
Flange Nut ISO 8738



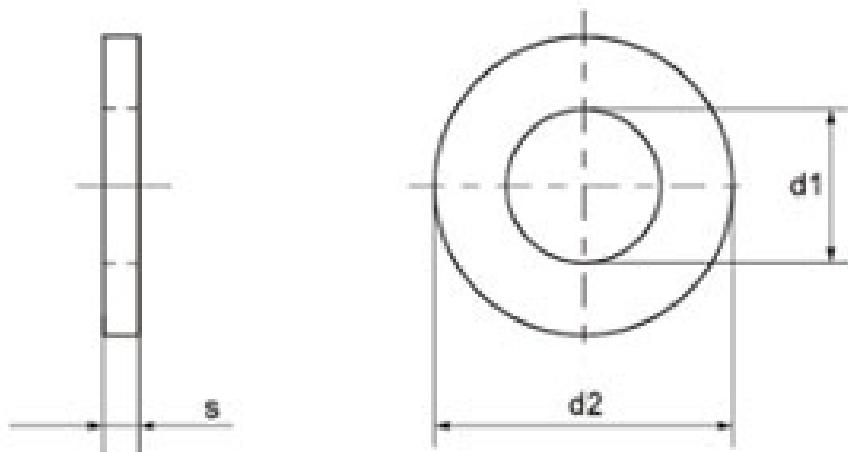
DIN 6923

D	Pitch P	dc Max.	M		S	
			Max.	Min.	Max.	Min.
M 6	1	14.5	6	5.7	10	9.78
M 8	1 / 1.25	17.9	8	7.6	13	12.73
M 10	1 / 1.25 / 1.5	21.8	10	9.6	15	14.73
M 12	1.25 / 1.5 / 1.75	26	12	11.6	18	17.73
M 14	1.5 / 2	29.9	14	13.3	21	20.67
M 16	1.5 / 2	34.5	16	15.3	24	23.67
M 20	1.5 / 2.5	42.8	20	18.9	30	29.67

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



Washer ISO 7089

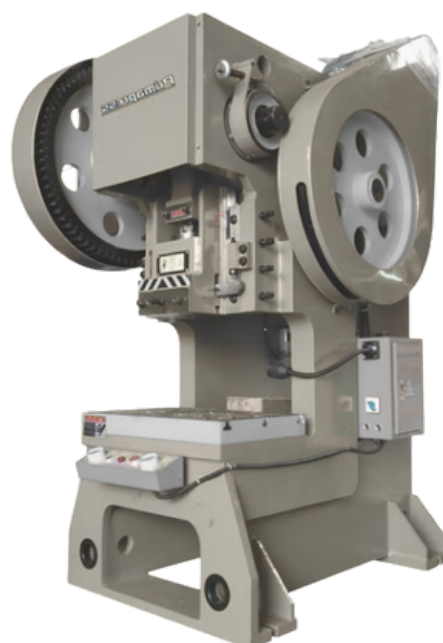


DIN 125

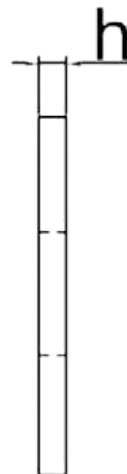
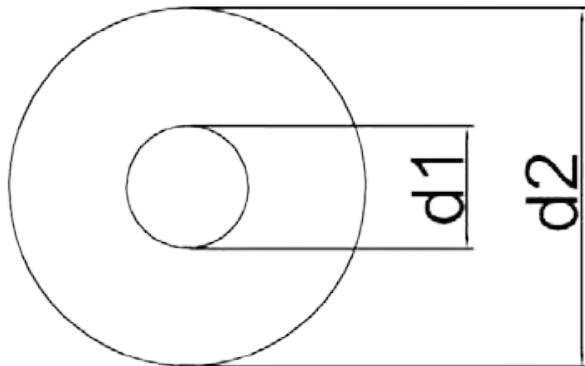
D Nom.	M 6	M 7	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24
D 1	6.4	7.4	8.4	10.5	13	15	17	19	21	23	25
D 2	12	14	16	20	24	28	30	34	37	39	44
S	1.6	1.6	1.6	2	2.5	2.5	3	3	3	3	4

D Nom.	M 27	M 30	M 33	M 36	M 39	M 42	M 45	M 48	M 52	M 56	M 60
D 1	28	31	34	37	40	43	46	50	54	58	62
D 2	50	56	60	66	72	78	85	92	98	105	110
S	4	4	5	5	6	7	7	8	8	9	9

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



Fender Washer ISO 7093

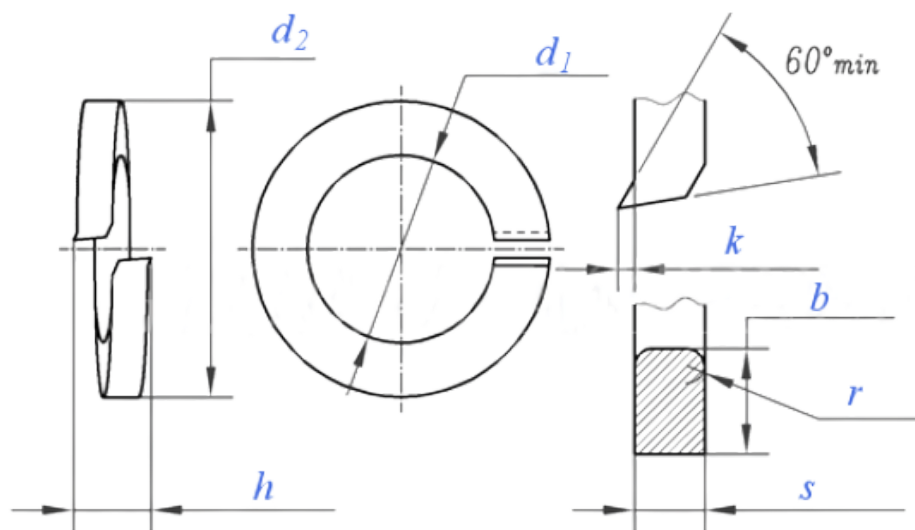


DIN 9021

For Thread	d 1		d 2		h		
	Max.	Min.	Max.	Min.		Max.	Min.
M 6	6.62	6.4	18	17.57	1.6	1.8	1.4
M 7	7.62	7.4	22	21.48	2	2.2	1.8
M 8	8.62	8.4	24	23.48	2	2.2	1.8
M 10	10.77	10.5	30	29.48	2.5	2.7	2.3
M 12	13.27	13	37	36.38	3	3.3	2.7
M 14	15.27	15	44	43.38	3	3.3	2.7
M 16	17.27	17	50	49.38	3	3.3	2.7
M 18	20.52	20	56	54.1	4	4.6	3.4
M 20	22.52	22	60	58.1	4	4.6	3.4
M 24	26.84	26	72	70.1	5	6	4
M 30	34	33	92	89.8	6	7	5
M 36	40	39	110	107.8	8	9.2	6.8

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black

Washer ISO 7090



DIN 127

Nominal Diameter	D		D 1	B	S	H	
	Min.	Max.	Max.			Min.	Max.
M 6	6.4	6.5	11.8	2.5 ± 0.15	1.6 ± 0.1	3.2	3.8
M 7	7.1	7.5	12.8	2.5 ± 0.15	1.6 ± 0.1	3.2	3.8
M 8	8.1	8.5	14.8	3 ± 0.15	2 ± 0.1	4	4.7
M 10	10.2	10.7	18.1	3.5 ± 0.2	2.2 ± 0.15	4.4	5.2
M 12	12.2	12.7	21.1	4 ± 0.2	2.5 ± 0.15	5	5.9
M 14	14.2	14.7	24.1	4.5 ± 0.2	2.5 ± 0.15	6	7.1
M 16	16.2	17	27.4	5 ± 0.2	3 ± 0.15	7	8.3
M 18	18.2	19	29.4	5 ± 0.2	3.5 ± 0.2	7	8.3
M 20	20.2	21	33.6	6 ± 0.2	3.5 ± 0.2	8	9.4
M 22	22.5	23.5	35.9	6 ± 0.2	4 ± 0.2	8	9.4
M 24	24.5	25.5	40	7 ± 0.25	5 ± 0.2	10	11.8
M 27	27.5	28.5	43	7 ± 0.25	5 ± 0.25	10	11.8
M 30	30.5	31.7	48.2	8 ± 0.25	6 ± 0.25	12	14.2
M 36	36.5	37.7	58.2	10 ± 0.25	6 ± 0.25	12	14.2
M 39	39.5	40.7	61.2	10 ± 0.25	6 ± 0.25	12	14.2
M 42	42.5	43.7	66.2	12 ± 0.25	7 ± 0.25	14	16.5
M 45	45.5	46.7	71.2	12 ± 0.25	7 ± 0.25	14	16.5
M 48	49	50.6	75	12 ± 0.25	7 ± 0.25	14	16.5
M 52	53	54.6	83	14 ± 0.25	8 ± 0.25	16	18.9
M 56	57	58.5	87	14 ± 0.25	8 ± 0.25	16	18.9
M 60	61	62.5	91	14 ± 0.25	8 ± 0.25	16	18.9

Finishes : ZP Cr3, YZP, Hot dip Galvanized, Black



MORE ABOUT US



VINAYAK INTERNATIONAL

Village Kaddon, Tehsil Payal, Doraha,
Ludhiana – 141421, India



www.vinayakinternational.in



Tel:- +91-6239833359 , 7009851537



kesar@vinayakinternational.in

salus@vinayakinternational.in

