

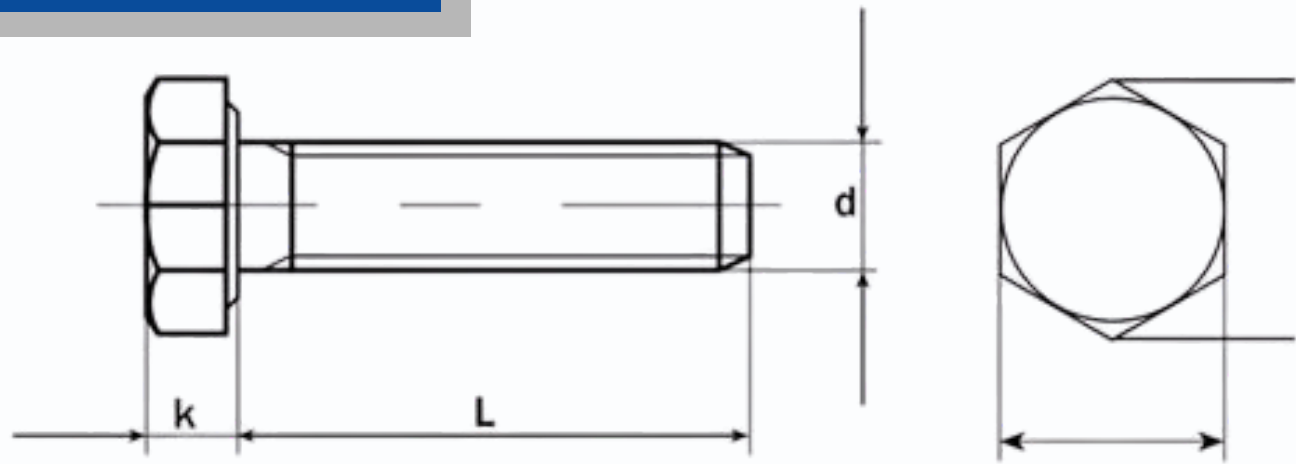


SVS FASTENERS

FASTENING WITH RELIABILITY



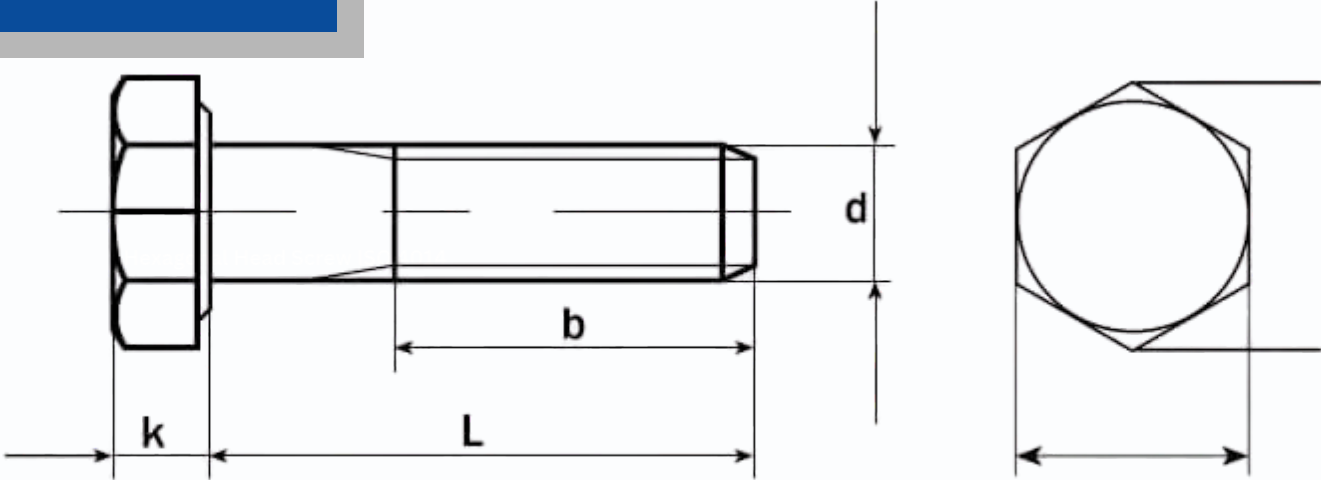
HEXAGONAL HEAD SCREW ISO 4017



STEEL GRADES: 4.8, 5.8, 6.8, 8.8, 10.9, 12.9
FINISHES: ZP Cr3, YZP, Hot Dip Galvanized, Black

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	1.3	1.5	1.8	2	2	2.5	2.5	2.5	3
K	Nominal	4	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15
	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	10.2	11.7	12.7	14.2	15.2
S	Max.	10	13	17	19	22	24	27	30	32	36
	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	3.5	3.5	4	4	4.5	4.5	5	5	5.5
K	Nominal	17	18.7	21	22.5	25	26	28	30	33	35
	Min.	16.7	18.3	20.6	22.1	24.6	25.6	27.6	29.6	32.5	35
	Max.	17.4	19.1	21.4	22.9	25.4	26.4	28.4	30.4	33.5	35
S	Max.	41	46	50	55	60	65	70	75	80	35
	Min.	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1	35

HEXAGONAL HEAD SCREW ISO 4014

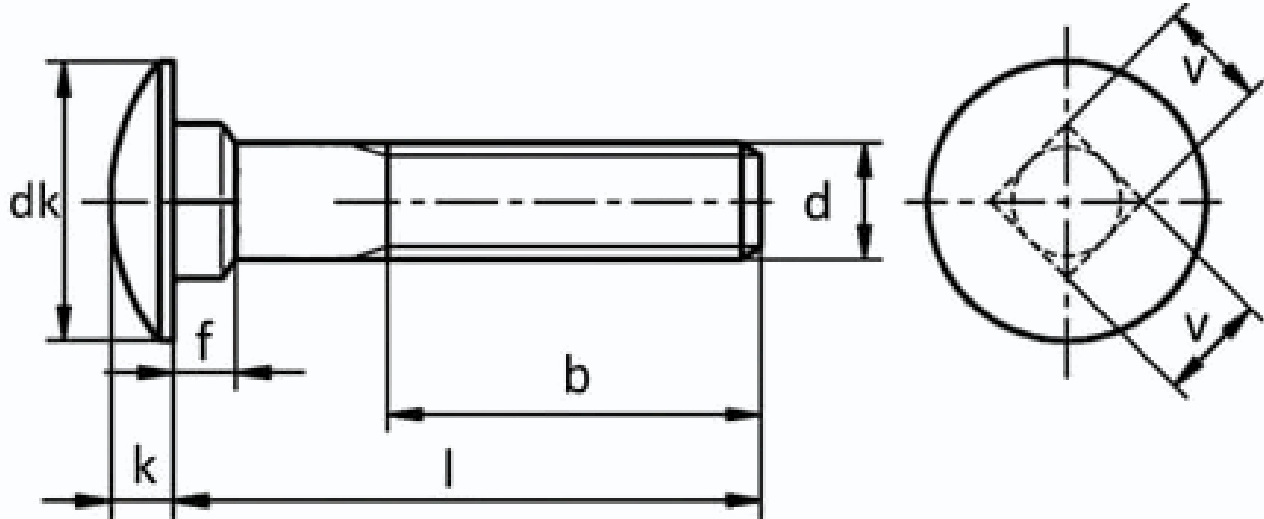


DIN 931

STEEL GRADES: 4.8, 5.8, 6.8, 8.8, 10.9, 12.9
FINISHES: ZP Cr3, YZP, Hot Dip Galvanized, Black

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	1.3	1.5	1.8	2	2	2.5	2.5	2.5	3
Thread Length (b)	L < 125mm	18	22	26	30	34	38	42	46	50	54
	125-200mm	24	28	32	36	40	44	48	52	56	60
	L > 200mm			45	49	53	57	61	65	69	73
K	Nominal	4	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15
	Min.	3.85	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78
	Max.	4.2	5.5	6.58	7.68	8.98	10.18	11.72	12.72	14.8	15.2
S	Max.	10	13	17	19	22	24	27	30	32	36
	Min.	9.78	12.73	16.73	18.67	21.67	23.67	26.67	26.67	31.61	35.38
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	3.5	3.5	4	4	4.5	4.5	5	5	5.5
Thread Length (b)	L < 125mm	60	66	72	8	84	90	96	102	110	118
	125-200mm	66	72	78	84	90	96	102	108	116	124
	L > 200mm	79	85	91	97	103	109	115	121	129	137
K	Nominal	17	18.7	21	22.5	25	26	28	29	33	35
	Min.	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5	34.5
	Max.	17.4	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5	35.5
S	Max.	41	46	50	55	56	60	70	75	80	85
	Min.	40	45	49	53.8	58.8	63.8	68.1	73.1	78.1	82.8

CARRIAGE BOLT ISO 8677

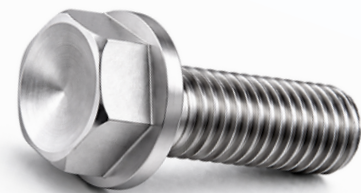
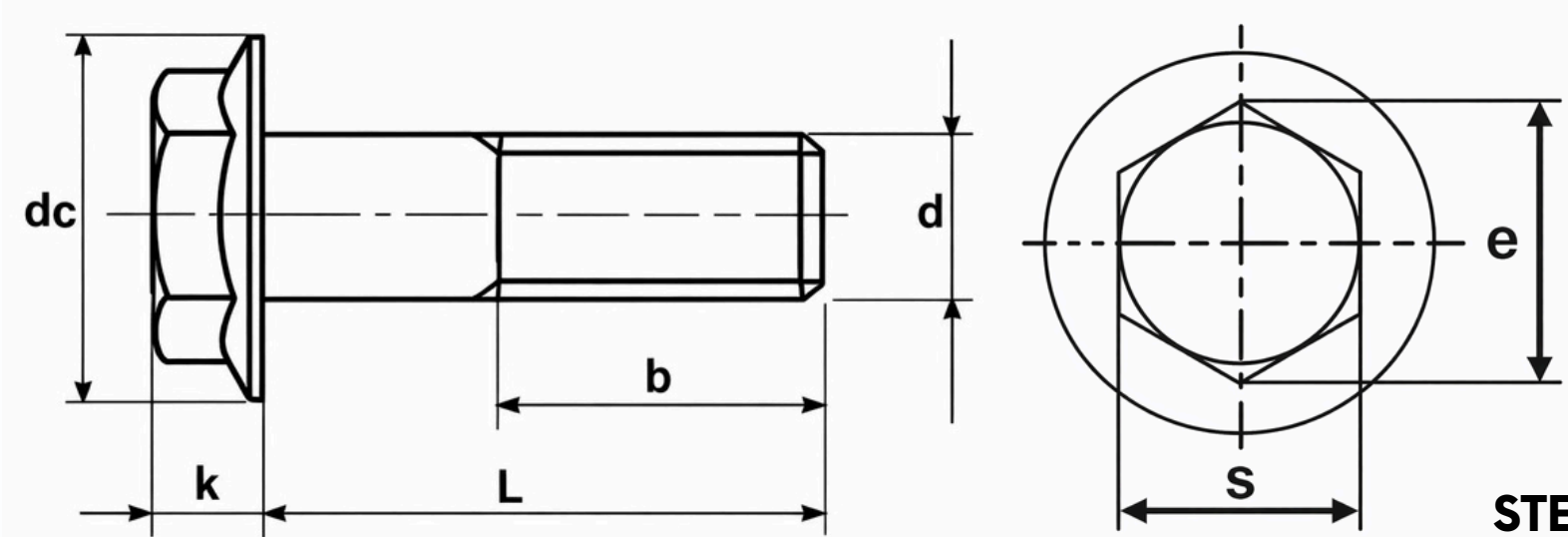


DIN 603

STEEL GRADES: 4.8, 5.8, 6.8, 8.8, 10.9, 12.9
FINISHES: ZP Cr3, YZP, Hot Dip Galvanized, Black

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

FLANGE BOLT ISO 4162



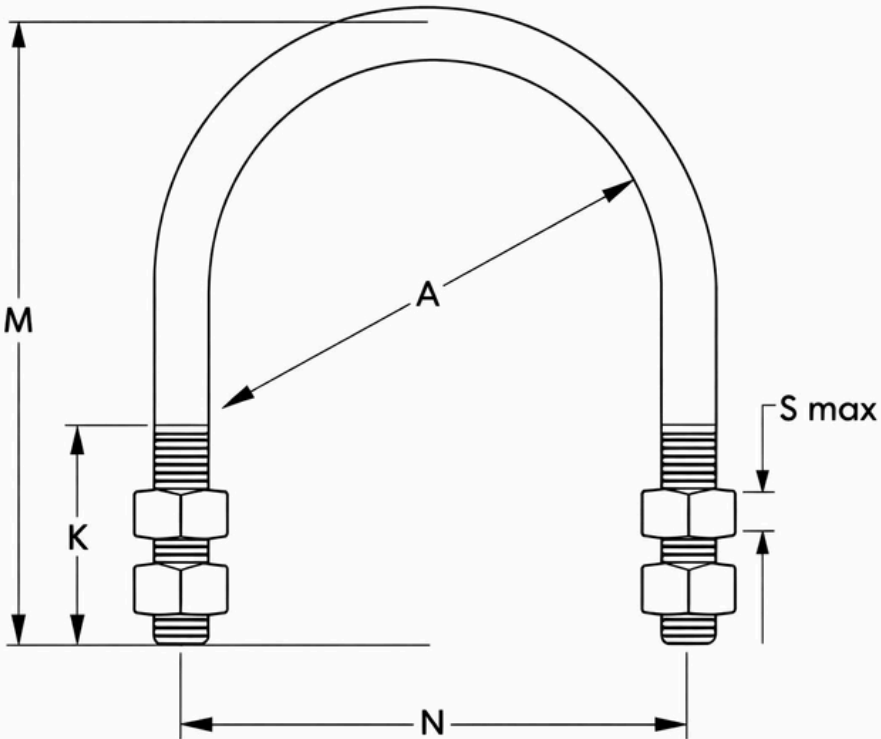
DIN 6921

STEEL GRADES: 4.8, 5.8, 6.8, 8.8, 10.9, 12.9
FINISHES: ZP Cr3, YZP, Hot Dip Galvanized, Black

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

U BOLT ISO 1703

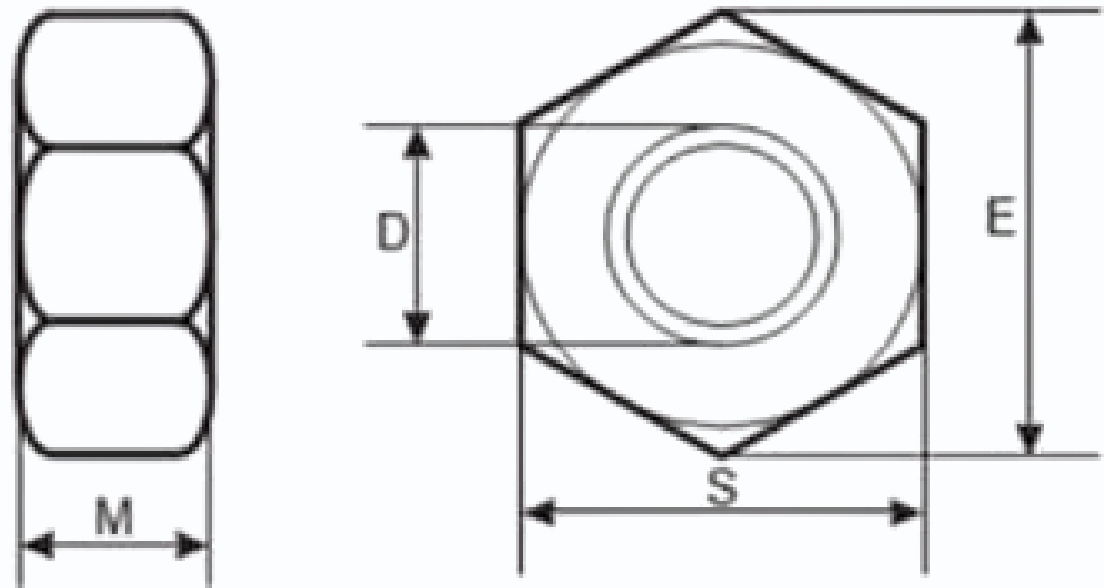
Pipe Size		Thread size	Centres (N)	(M)	Thread Length (K)
Nominal	Outside				
NB	mm		mm	mm	mm
15	21.3	M 8	40	50	25
20	26.7	M 8	45	55	25
25	33.4	M 8	50	60	30
32	42.2	M 8	60	70	30
40	48.3	M 10	65	80	40
50	60.3	M 10	80	100	40
65	76.1	M 12	95	120	50
80	88.9	M 16	110	140	55
100	114.3	M 16	140	165	55
125	141.3	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



DIN 3570

STEEL GRADES: 4.8, 5.8, 6.8, 8.8
FINISHES: ZP Cr3, YZP, Hot Dip Galvanized, Black

HEX NUT ISO 4032



DIN 934

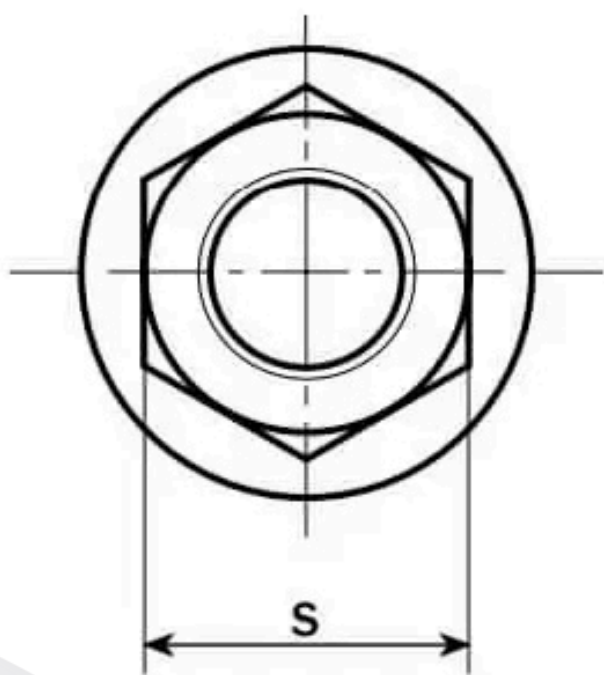
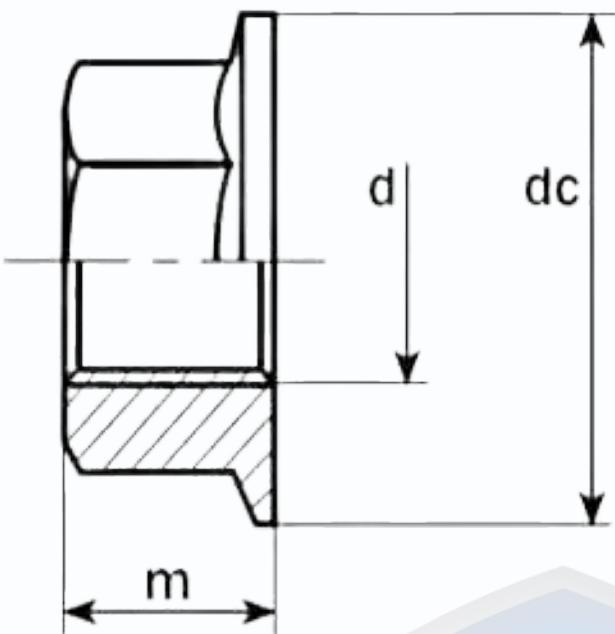
Steel Grades : 5 , 8 , 10

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

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
M	Max.	5.2	6.8	8.4	10.8	12.8	14.8	15.8	18	19.4	21.5	23.8
	Min.	4.9	6.4	8	10.4	12.1	14.1	15.1	16.9	18.1	20.2	22.5
S	Max.	10	13	16	18	21	24	27	30	34	36	41
	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
M	Max.	25.6	28.7	31	33.4	34	36	38	42	45	48
	Min.	24.3	27.4	29.4	31.8	32.4	34.4	36.4	40.4	43.4	46.4
S	Max.	46	50	55	60	65	70	75	80	85	90
	Min.	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8

FLANGE NUT ISO 8738

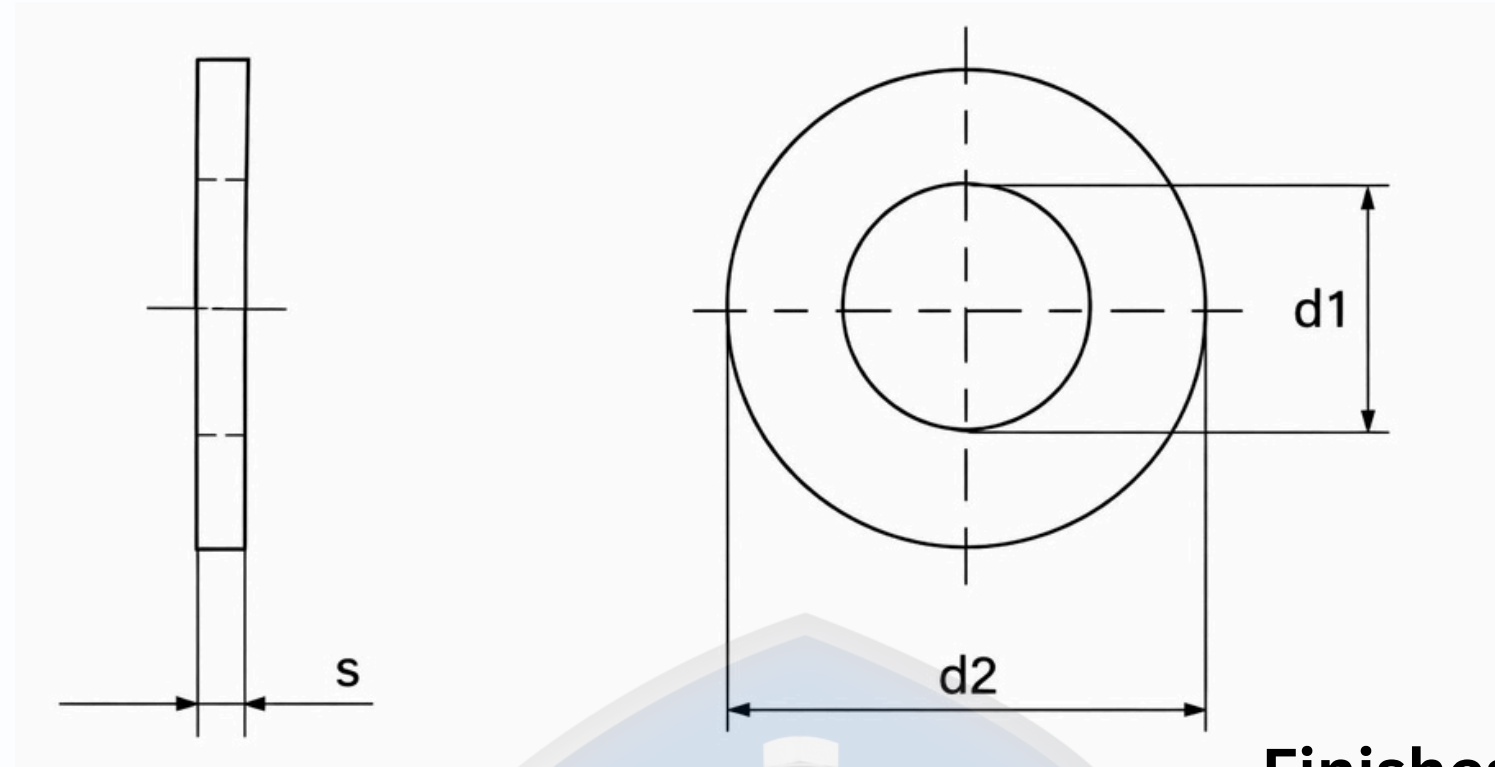


DIN 6923

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

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

WASHER ISO 7089

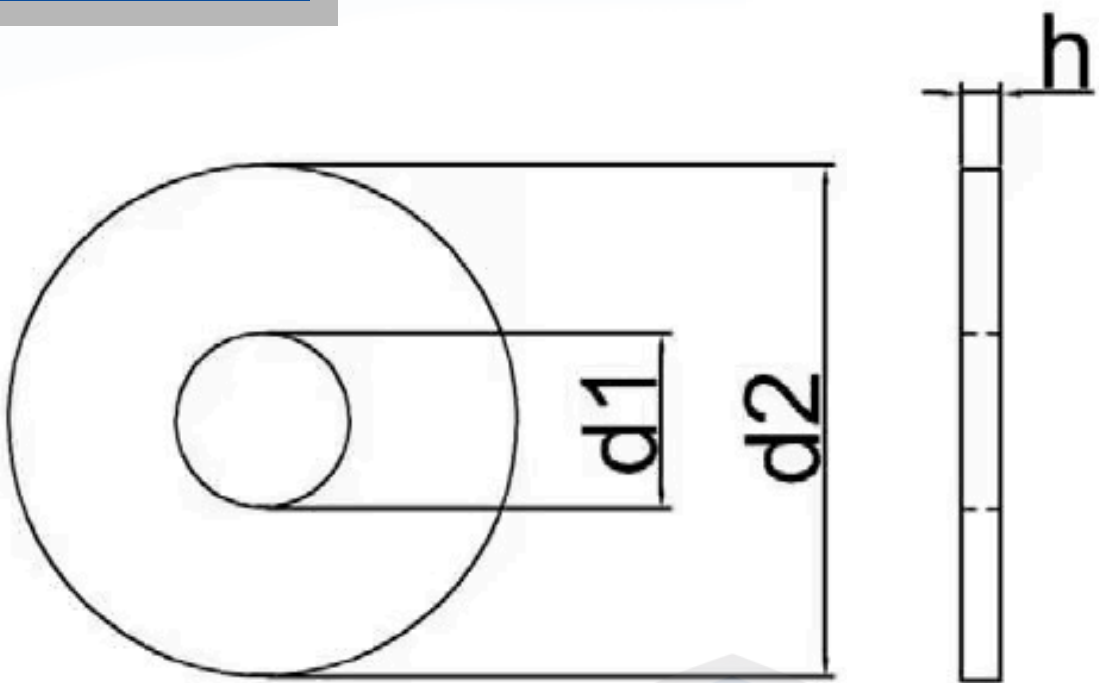


DIN 125

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

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

FENDER WASHER ISO 7093



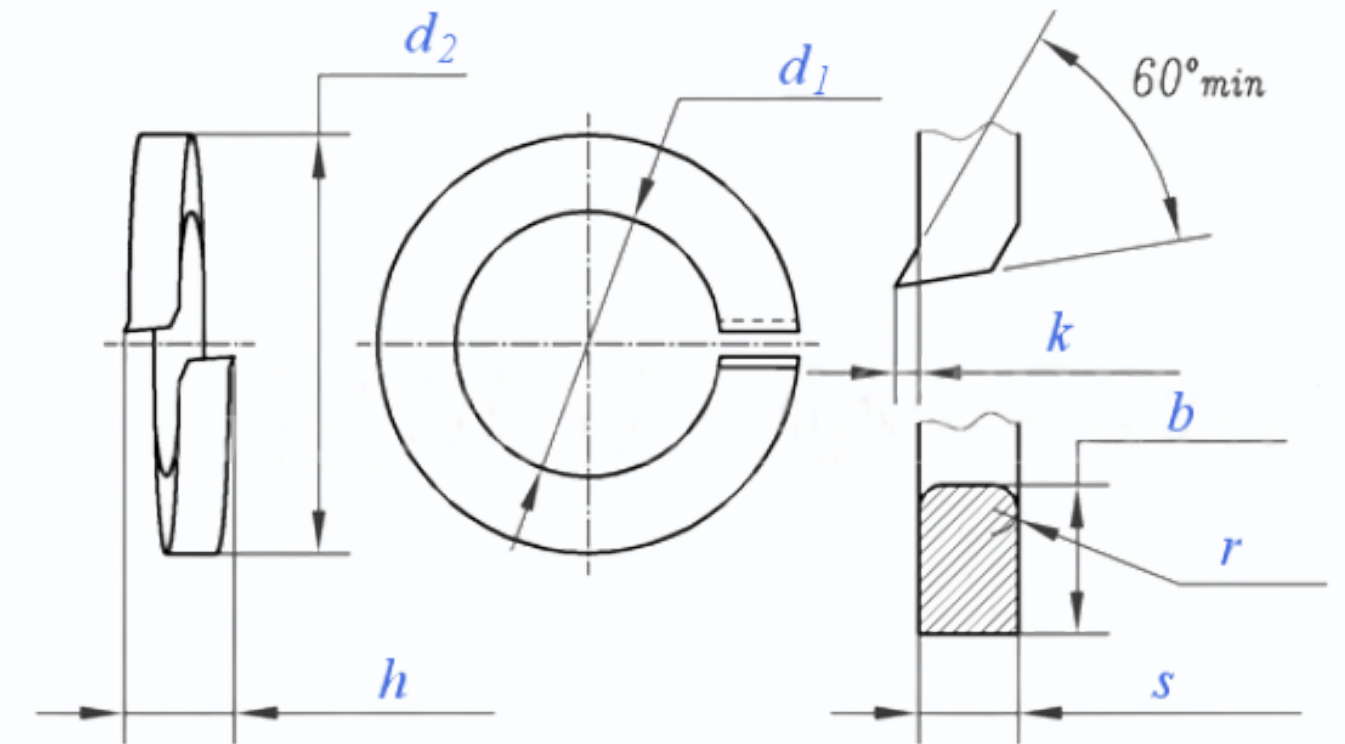
DIN 9021

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

Nom Size (Thread size)		M 6	M 7	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 24	M 30	M 36
d 1	Min.	6.4	7.4	8.4	10.5	13	15	17	20	22	26	33	39
	Max.	6.62	7.62	8.62	10.77	13.27	15.27	17.27	20.52	22.52	26.84	34	40
d 2	Min.	17.57	21.48	23.48	19.48	36.38	43.38	49.38	54.1	58.1	70.1	89.8	107.8
	Max.	18	22	24	30	37	44	50	56	60	72	92	110
h	Min.	1.4	1.8	1.8	2.3	2.7	2.7	2.7	3.4	3.4	4	5	6.8
	Max.	1.8	2.2	2.2	2.7	3.3	3.3	3.3	4.6	4.6	6	7	9.2

WASHER ISO 7090

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

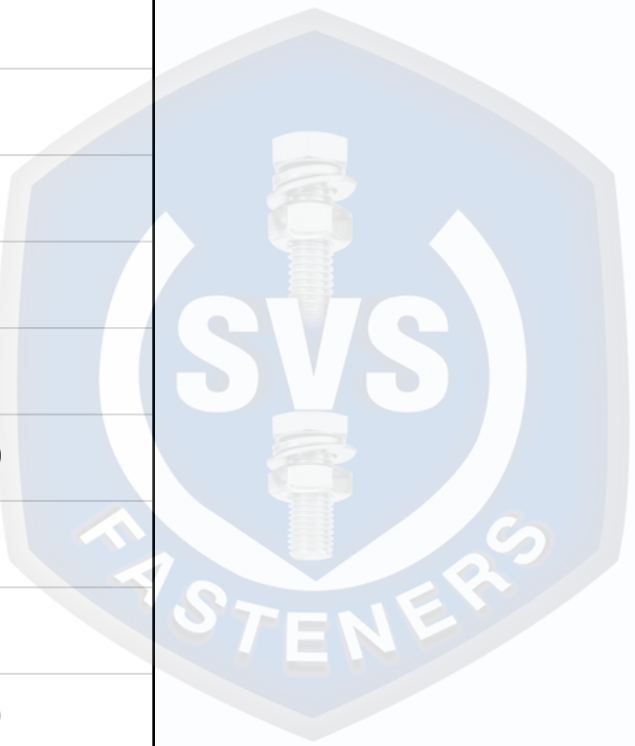
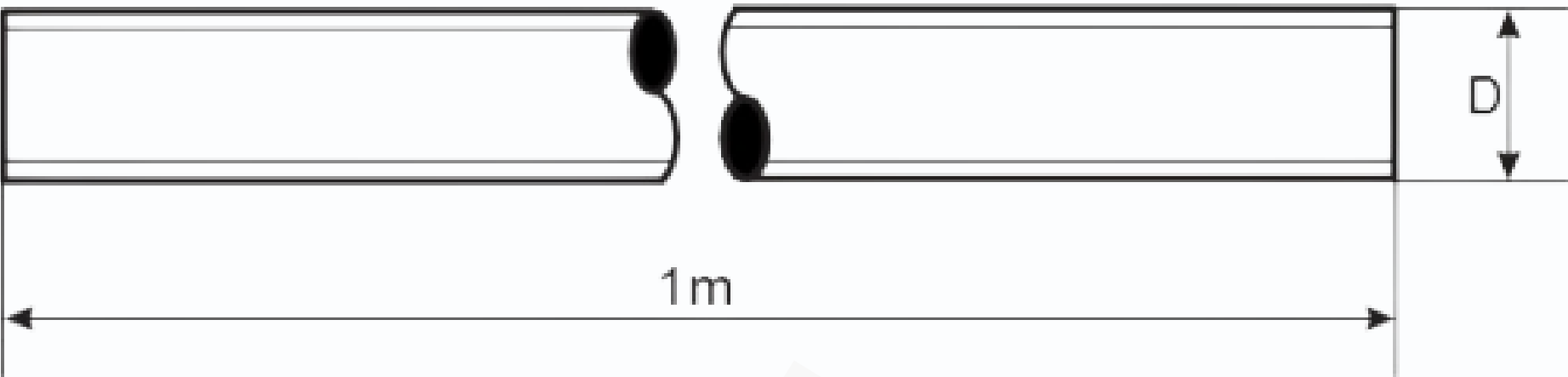


DIN 127

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

THREADED ROD ISO 965

Thread Size D		Length	Weight kg/1000pcs
M6	M6-1.0	1000±10	177
M8	M8-1.25	1000±10	319
M10	M10-1.5	1000±10	500
M12	M12-1.75	1000±10	725
M14	M14-2	1000±10	970
M16	M16-2	1000±10	1330
M18	M18-2.5	1000±10	1650
M20	M20-2.5	1000±10	2080
M22	M22-2.5	1000±10	2540
M24	M24-3	1000±10	3000
M27	M27-3	1000±10	3850
M30	M30-3.5	1000±10	4750
M33	M33-3.5	1000±10	5900
M36	M36-4	1000±10	3900
M39	M39-4	1000±10	8200
M42	M42-4.5	1000±10	9400
M45	M45-4.5	1000±10	11000
M48	M48-5	1000±10	12400
M52	M52-5	1000±10	14700



DIN 975

Steel Grades : 4.8, 8.8, 10.9

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



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