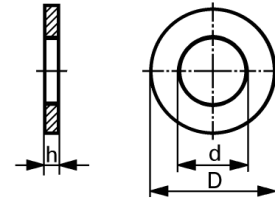


140 HV

Flat washers, steel
for clevis pins

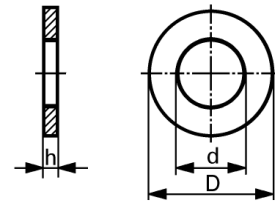


ISO 8738 / DIN 1440

clevis pin d	quantity	D	h	Zinc plated	
				100	1000
3		6	0,8	5.-	2.50
4		8	0,8	5.-	2.50
5		10	0,8	5.-	2.90
6		12	1,6	6.20	4.50
8		15	2,0	12.10	7.70
10		18	2,5	14.90	10.40
12*		20	3,0	23.-	16.10
14		28	3,0	25.25	18.20
16		24	3,0	27.25	19.-
18		28	4,0	41.-	30.-
20		30	4,0	47.50	34.75
22		34	4,0	54.50	39.50
24		37	4,0	65.-	48.50
25*		40	4,0	73.50	55.50
26		40	5,0	101.-	79.-
28		42	5,0	107.-	83.-
30		44	5,0	128.-	97.-
33		47	5,0	189.-	150.-

* Dimension DIN

Flat washers, steel
thick

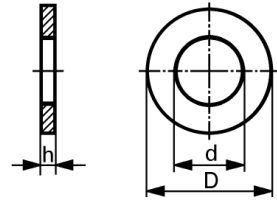


K 606

screw	d	D	h	plain			zinc plated		
				100	1000	10 000	100	1000	10 000
M	quantity								
6	6,4	16	1,6	4.-	2.60	1.90	4.50	2.85	2.-
(7)	7,4	17	1,6	4.20	2.90	2.50	4.50	3.10	2.60
8	8,4	20	2	6.50	4.70	3.55	7.-	5.-	4.10
10	10,5	25	2	8.60	6.70	5.40	9.-	7.-	5.70
12	13	30	3	17.50	13.40	11.50	18.10	14.20	12.10
(14)	15	35	3	25.50	18.-	15.80	27.-	20.50	18.50
16	17	40	3	31.25	22.50	19.90	32.50	23.50	20.75
(18)	19	50	4	92.-	74.50		99.50	85.-	
20	21	55	4	87.-	68.-		93.-	73.50	
24	25	60	4	103.-	81.-		119.-	96.50	
30	31	60	4	113.-			124.-		
(33)	36	70	4	135.-			147.-		

screw	d	D	h	hot dip galvanized			yellow zinc plated		
				100	1000	10 000	100	1000	10 000
M	quantity								
6	6,4	16	1,6				6.10	3.15	2.20
8	8,4	20	2				9.-	5.40	4.20
10	10,5	25	2	20.-	15.80	13.70	12.10	7.70	6.40
12	13	30	3	22.50	17.50	15.60	22.50	15.70	13.50
(14)	15	35	3				30.25	21.75	19.70
16	17	40	3	34.60	31.10	28.-	34.75	26.25	23.25
20	21	55	4	120.-	109.-		98.50	79.-	
24	25	60	4				130.-	101.-	

Flat washers, steel
1/2-thin

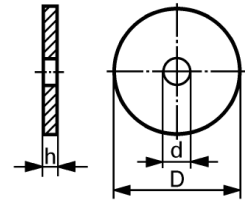


K 607

screw	d	D	h	zinc plated		
				100	1000	10 000
M	quantity					
3	3,2	10	0,5	4.-	1.50	1.-
* 3	3,2	13	0,5	4.-	1.70	1.20
4	4,3	9	0,5	4.-	1.75	1.25
* 4	4,3	14	0,8	4.-	1.80	1.30
5	5,3	10	0,8	4.-	1.85	1.35
* 5	5,3	15	0,8	4.-	1.90	1.40
6	6,4	12	0,8	4.-	1.95	1.45
* 6	6,4	16	0,8	4.-	2.05	1.55
(7)	7,4	14	0,8	5.-	2.25	1.75
(7)	7,4	17	0,8	5.-	2.80	2.05
8	8,4	16	0,8	5.50	2.90	2.25
* 8	8,4	20	1,2	6.50	3.90	3.20
10	10,5	20	1,2	7.60	5.10	3.95
* 10	10,5	25	1,2	9.30	6.30	5.-
12	13	24	1,2	8.90	5.90	4.80
* 12	13	30	1.6	16.60	11.20	9.-
(14)	15	28	1,6	15.80	10.60	8.40
* (14)	15	35	1,6	36.-	25.25	
16	17	30	1,6	32.75	23.-	
* 16	17	40	1,6	35.50	25.10	
(18)	19	50	2	66.50	53.50	
20	21	55	2	59.50	48.20	
24	25	60	3	104.-	79.-	

* = for that size note outside diameter «D»

Flat washers, steel
extra large series for car body



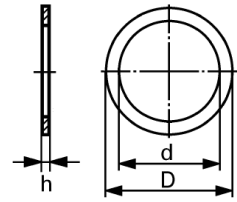
K 608

screw	d	D*	h	zinc plated			yellow zinc plated		
				100	1000	10 000	100	1000	10 000
M	quantity								
5	5,3	20	1,5	7.70	5.30	4.30	8.20	5.80	4.90
6	6,4	20	1,5	7.60	5.20	4.20	8.20	5.80	4.90
6	6,4	25	1,8	11.30	7.80	6.50	12.40	8.40	7.30
7	7,4	20	1,5	7.60	5.20	4.20			
7	7,4	25	1,8	11.30	7.80	6.50			
7	7,4	30	2	17.90	12.30	10.30			
7	7,4	35	2,5	29.25	20.25	17.10	31.50	22.60	18.50
8	8,4	25	1,8	13.40	9.20	7.60	15.50	11.60	9.10
8	8,4	30	2	17.80	12.20	10.–			
8	8,4	35	2,5	29.–	20.–	16.80			
9	9,5	30	2	17.80	12.20	10.–	19.10	13.10	11.20
9	9,5	35	2,5	29.–	20.–	16.80			
9	9,5	40	2,5	37.25	26.75	23.–	39.–	28.–	25.–
10	10,5	30	2	17.80	12.20	10.–	19.10	14.50	12.10
10	10,5	35	2,5	29.–	20.–	16.80			
10	10,5	40	2,5	39.–	27.75	23.75	41.–	29.–	25.–
12	13	45	2,5	44.50	32.80	28.60			

* for that size note outside diameter «D»

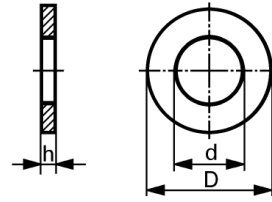
Hinge rings, steel

K 604



d	D	s	zinc plated	
∅	quantity		100	1000
7	11	2	8.10	6.20
8	12	2	8.70	6.60
9	13	2	8.70	6.60
10	14	2	9.20	7.10
11	15	2	11.10	8.50
12	16	2	11.20	8.70
13	17	2	11.80	9.10
14	18	2	13.10	10.10
15	20	2	14.-	11.40
16	22	2	15.50	12.50
18	24	2	19.90	15.90

Flat washers, steel
for bolts with heavy type spring pins
ISO 8752 / DIN 1481

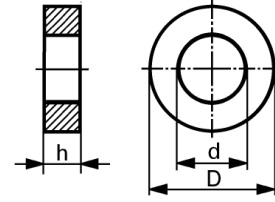


DIN 7349

screw	d	D	h	plain		zinc plated	
				100	1000	100	1000
M	quantity						
3	3,2	9	1			5.20	2.-
4	4,3	12	1,6	5.20	2.40	5.30	2.70
5	5,3	15	2	6.40	4.40	7.10	4.80
6	6,4	17	3	9.80	8.60	11.20	8.70
8	8,4	21	4	18.20	14.60	19.-	15.10
10	10,5	25	4	23.50	17.70	24.30	18.10
12	13	30	6	37.75	30.-	42.50	33.-
16	17	40	6	66.50	55.50	74.-	58.50
(18)	19	44	8	83.50	67.-		
20	21	44	8	98.-	90.50	116.-	102.-
(22)	23	50	8	130.-	116.-	148.-	129.-
24	25	50	10			207.-	186.-
30	31	68	10			230.-	208.-

Flat washers, steel
for steel constructions

DIN 7989 A



screw	d	D	h ± 1,2	plain		zinc plated		hot dip galvanized	
				100	1000	100	1000	100	1000
M	quantity								
10	11	21	8	19.20	14.50	22.25	17.20	26.25	20.25
12	14	24	8	23.–	17.20	26.75	20.50	29.75	23.75
16	18	30	8	30.–	23.25	35.75	28.50	41.50	33.25
20	22	37	8	36.50	28.25	45.50	36.75	54.–	41.50
(22)	24	39	8	43.50	33.75	53.50	42.50	63.–	50.50
24	26	44	8	51.–	39.75	62.50	52.–	75.–	60.50
(27)	30	50	8	67.–	54.–	84.–	70.–	99.–	81.–
30	33	56	8	88.–	71.–	111.–	92.–	122.–	101.–
(33)	36	60	8	107.–	86.50	128.–	110.–	140.–	120.–
36	39	66	8	124.–	100.–	149.–	129.–	166.–	140.–