

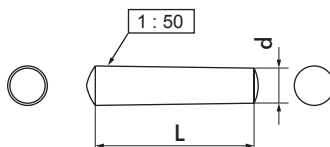
DIN 1 B

ISO 2339 B

St

Tuoteryhmä: **0249**

**Kartiosokka
Taper pin
Kegelstift**



L(mm)	d				
	4	5	6	8	10
26			32.00		
28				36.00	
30					
32				51.20	
35					
36				63.00	
40				72.60	114.40
45					
50					124.40
55			57.50	88.00	150.60
60					163.20
65					178.00
70					207.90
80					
90				152.30	249.20
100					
120					293.70
160					

100 kpl/pcs	L 50-70	L 32-70	L 26-55	L 28-40	
50 kpl/pcs			L 60-80	L 55-120	L 36-120
20 kpl/pcs					

Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 1 B - St - 5x50

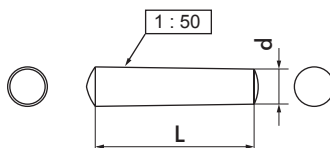
DIN 1 B

ISO 2339 B

St

Tuoteryhmä: **0249**

Kartiosokka
Taper pin
Kegelstift



L(mm)	d			
	12			
26				
28				
30				
32				
35				
36				
40				
45				
50	236.80			
55				
60	295.20			
65				
70				
80	753.60			
90				
100				
120				
160	904.00			

100 kpl/pcs				
50 kpl/pcs				
20 kpl/pcs	L 40-160			

Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 1 B - St - 5x50

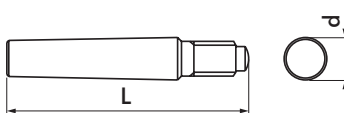
DIN 258






ISO 8992

St


Tuoteryhmä: 1248

**Kartiosokka,
Taper pin with thread,
Kegelstift mit gewindzappe**



l(mm)	d				
	8	10	12	16	
55	266.40				
60		670.70			
65	280.80	732.00			
75	448.90	755.30			
85		782.00			
100					
120					
140					

100 kpl/pcs	L 55-75				
50 kpl/pcs		L 60-85	L 85-100		
25 kpl/pcs				L 100-140	

 Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 258 - St - 8x65

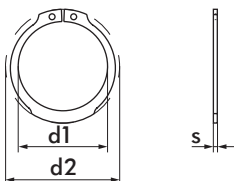
DIN 471



St

Tuoteryhmä: 0438

Lukkorengas Retaining ring for shaft Sicherungsring



d	d1	s	kpl/pcs	Hinta/ Price
5	4,7	0,6	500	2.20
6	5,6	0,7	500	2.20
7	6,5	0,8	500	2.80
8	7,4	0,8	500	3.00
9	8,4	1,0	500	3.20
10	9,3	1,0	500	3.40
11	10,2	1,0	100	3.80
12	11,0	1,0	100	4.20
13	11,9	1,0	100	fm
14	12,9	1,0	100	4.60
15	13,8	1,0	100	5.70
16	14,7	1,0	100	6.80
17	15,7	1,0	100	7.70
18	16,5	1,2	100	8.80
19	17,5	1,2	100	9.70
20	18,5	1,2	100	11.00
21	19,5	1,2	100	12.60
22	20,5	1,2	100	14.00
23	21,5	1,2	100	fm
24	22,2	1,2	100	fm
25	23,2	1,2	100	15.60
26	24,2	1,2	100	17.00
27	24,9	1,2	100	fm
28	25,9	1,5	100	19.80
30	27,9	1,5	100	21.00
31	28,6	1,5	100	fm
32	29,6	1,5	100	24.50
33	30,5	1,5	100	fm
34	31,5	1,5	100	fm
35	32,2	1,5	100	27.00
36	33,2	1,75	50	fm
37	34,2	1,75	50	34.00
38	35,2	1,75	50	38.00
39	36,0	1,75	50	fm



Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs

Tilausesimerkki / Ordering example: DIN 471 - St - d25

01 / 2005

next

Emme vastaa mahdollisista painovirheistä.
We decline all responsibility for any errors.

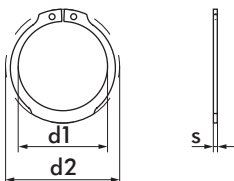
DIN 471



St

Tuoteryhmä: 0438

Lukkorengas Retaining ring for shaft Sicherungsring



d	d1	s	kpl/pcs	Hinta/ Price
40	36,5	1,75	50	42.00
41	-	-	50	fm
42	38,5	1,75	50	48.00
44	40,5	1,75	50	fm
45	41,5	1,75	50	52.00
46	-	-	25	
47	43,5	1,75	25	54.00
48	44,5	1,75	25	fm
50	45,8	2,0	25	60.00
52	47,8	2,0	25	65.00
54	49,8	2,0	25	fm
55	50,8	2,0	25	73.00
56	51,8	2,0	25	fm
58	53,8	2,0	25	fm
60	55,8	2,0	25	76.00
62	57,8	2,0	25	87.00
63	58,8	2,0	25	fm
65	60,8	2,5	25	118.00
68	63,5	2,5	25	132.00
70	65,5	2,5	25	144.00
72	67,5	2,5	25	151.00
75	70,5	2,5	25	156.00
80	74,5	2,5	25	163.00
85	79,5	3,0	25	183.00
90	84,5	3,0	25	197.00
95	89,5	3,0	25	224.00
100	94,5	3,0	25	237.00
105	98,0	4,0	25	372.00
110	103,0	4,0	25	436.00
120	113,0	4,0	25	520.00
125	118,0	4,0	25	fm
130	123,0	4,0	25	595.00
140	133,0	4,0	25	748.00
150	142,0	4,0	25	872.00



Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs

Tilausmerkki / Ordering example: DIN 471 - St - d25

01 / 2005

prev.

next

Emme vastaa mahdollisista painovirheistä.
We decline all responsibility for any errors.

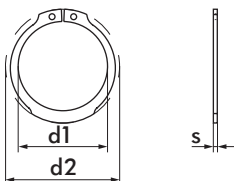
DIN 471



St

Tuoteryhmä: **0438**

Lukkorengas
Retaining ring for shaft
Sicherungsring



d	d1	s	kpl/pcs		Hinta/ Price
155	146,0	4,0	25		963.00
160	151,0	4,0	25		1027.00
165	155,5	4,0	25		
170	160,5	4,0	25		
175	165,5	4,0	25		1547.00
180	170,5	4,0	25		1680.00
185	175,5	4,0	25		1823.00
190	180,5	4,0	25		1985.00
200	190,5	4,0	25		2143.00
205	199,0	5,0	25		2370.00
210	204,0	5,0	25		2512.00
215	209,0	5,0	25		2746.00
220	214,0	5,0	25		3018.00
230	224,0	5,0	25		3228.00
235	229,0	5,0	25		3560.00
240	234,0	5,0	25		3716.00
250	244,0	5,0	25		4035.00
260	252,0	5,0	25		4308.00
270	262,0	5,0	25		4551.00
280	272,0	5,0	25		4773.00
290	282,0	5,0	25		
295	287,0	5,0	25		5132.00
300	292,0	5,0	10		5423.00
320	310,0	6,0	10		11250.00
340	330,0	6,0	10		12960.00
350	340,0	6,0	10		15928.00
360	350,0	6,0	10		17883.00
370	360,0	6,0	10		19122.00
380	370,0	6,0	10		20087.00
400	390,0	6,0	10		
420	408,0	7,0	10		
450	438,0	7,0	10		52000.00
470	458,0	7,0	10		

Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs

Tilausmerkki / Ordering example: DIN 471 - St - d25

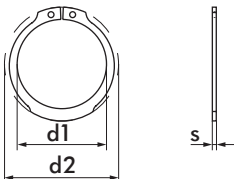
DIN 471





St

Tuoteryhmä: **0438**

Lukkorengas
Retaining ring for shaft
Sicherungsring



d	d1	s	kpl/pcs			Hinta/ Price
500	488,0	7,0	10			
520	506,0	8,0	10			



Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 471 - St - d25

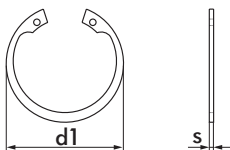
DIN 472



St

Tuoteryhmä: **0439**

Lukkorengas
Retaining ring for bore
Sicherungsring



d	d1	s	kpl/pcs		Hinta/ Price
8	8,7	0,8	500		3.30
9	9,8	0,8	500		3.40
10	10,8	1,0	500		3.40
11	11,8	1,0	100		3.50
12	13,0	1,0	100		3.60
13	14,1	1,0	100		3.70
14	15,1	1,0	100		3.80
15	16,2	1,0	100		4.10
16	17,3	1,0	100		4.50
17	18,3	1,0	100		5.00
18	19,5	1,0	100		5.60
19	20,5	1,0	100		6.30
20	21,5	1,0	100		7.00
21	22,5	1,0	100		8.20
22	23,5	1,0	100		9.00
23	24,6	1,2	100		10.30
24	25,9	1,2	100		11.40
25	26,9	1,2	100		12.00
26	27,9	1,2	100		14.10
27	29,1	1,2	100		14.90
28	30,1	1,2	100		16.00
29	31,1	1,2	100		18.30
30	32,1	1,2	100		20.00
31	33,4	1,2	100		21.80
32	34,4	1,2	100		22.90
33	35,5	1,2	100		
34	36,5	1,5	100		24.10
35	37,8	1,5	100		25.60
36	38,8	1,5	50		29.30
37	39,8	1,5	50		31.00
38	40,8	1,5	50		33.00
39	42,0	1,5	50		
40	43,5	1,75	50		33.60
42	45,5	1,75	50		35.40

Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 472 - St - d30

01 / 2005

next

Emme vastaa mahdollisista painovirheistä.
We decline all responsibility for any errors.

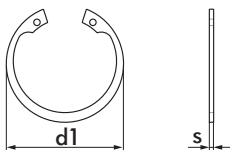
DIN 472



St

Tuoteryhmä: **0439**

Lukkorengas
Retaining ring for bore
Sicherungsring



d	d1	s	kpl/pcs		Hinta/ Price
44	47,5	1,75	50		fm
45	48,5	1,75	50		38.00
46	49,5	1,75	25		fm
47	50,5	1,75	25		41.80
48	51,5	1,75	25		fm
50	54,2	2,0	25		46.30
52	56,2	2,0	25		52.70
54	58,2	2,0	25		fm
55	59,2	2,0	25		58.70
56	60,2	2,0	25		fm
58	62,2	2,0	25		63.10
62	66,2	2,0	25		67.70
65	69,2	2,5	25		fm
68	72,5	2,5	25		80.40
70	74,5	2,5	25		fm
72	76,5	2,5	25		85.40
75	79,5	2,5	25		96.80
80	85,5	2,5	25		105.00
82	87,5	2,5	25		fm
85	90,5	3,0	25		143.00
90	95,5	3,0	25		162.00
95	100,5	3,0	25		188.00
100	105,5	3,0	25		196.00
105	112,0	4,0	25		283.00
110	117,0	4,0	25		293.00
115	122,0	4,0	25		fm
120	127,0	4,0	25		320.00
125	132,0	4,0	25		381.00
130	137,0	4,0	25		405.00
135	142,0	4,0	25		fm
140	147,0	4,0	25		445.00
145	152,0	4,0	25		536.00
150	158,0	4,0	25		fm
155	164,0	4,0	25		730.00



Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs

Tilausesimerkki / Ordering example: DIN 472 - St - d68

01 / 2005

prev.

next

Emme vastaa mahdollisista painovirheistä.
We decline all responsibility for any errors.

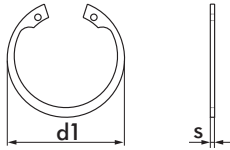
DIN 472



St

Tuoteryhmä: **0439**

Lukkorengas
Retaining ring for bore
Sicherungsring



d	d1	s	kpl/pcs		Hinta/ Price
160	169,0	4,0	25		784.00
165	174,5	4,0	25		829.00
170	179,5	4,0	25		fm
172	181,5	4,0	25		fm
175	184,5	4,0	25		962.00
180	189,5	4,0	25		1042.00
190	199,5	4,0	25		1240.00
200	209,5	4,0	25		1566.00
210	222,0	5,0	25		2860.00
215	227,0	5,0	25		3027.00
220	232,0	5,0	25		3223.00
230	242,0	5,0	25		3758.00
235	247,0	5,0	25		4016.00
240	252,0	5,0	25		4465.00
250	262,0	5,0	25		4872.00
260	275,0	5,0	25		5023.00
270	285,0	5,0	25		fm
280	295,0	5,0	25		5662.00
290	305,0	5,0	25		5876.00
300	315,0	5,0	10		6154.00
310	327,0	6,0	10		8011.00
320	337,0	6,0	10		8338.00
340	357,0	6,0	10		15085.00
350	367,0	6,0	10		16761.00
360	377,0	6,0	10		18022.00
380	397,0	6,0	10		19378.00
400	417,0	6,0	10		fm
420	440,0	7,0	10		fm
460	470,0	7,0	10		fm



Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 472 - St - d170

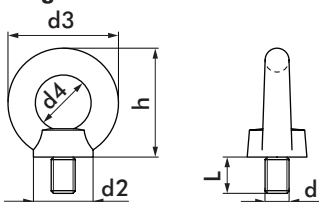
DIN 580

ISO 3266

C15N

Tuoteryhmä: 02950

Nostosilmukkaruuvi
Lifting eye bolt
Ringschraube



d	d2=d4	d3	h	L	kpl/pcs	Hinta/ Price
M8	20	36	36	13,0		1.00
M10	25	45	45	17,0		1.40
M12	30	54	53	20,5		2.20
M16	35	63	62	27,0		3.60
M20	40	72	71	30,0		4.80
M24	50	90	90	36,0		10.30
M30	65	108	109	45,0		21.90
M36	75	126	128	54,0		32.30
M42	85	144	147	63,0		74.00
M48	100	166	168	68,0		187.00

Hinnat / Prices per 1 kpl/pcs

Tilausesimerkki / Ordering example: DIN 580 - C15N - M10

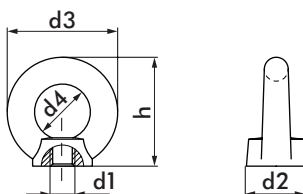
DIN 582



C15N

Tuoteryhmä: 03950

Nostosilmukkamutteri
Lifting eye nut
Ringmutter



d	d2=d4	d3	h	kpl/pcs		Hinta/ Price
M 8	20	36	36			1.00
M10	25	45	45			1.60
M12	30	54	53			2.30
M16	35	63	62			4.40
M20	40	72	71			6.70
M24	50	90	90			10.30
M30	65	108	109			18.80
M36	75	126	128			fm
M42	85	144	147			152.00
M48	100	166	168			263.00



Hinnat pyydettyäessä /
 Prices on request

Hinnat / Prices per 1 kpl/pcs

Tilausesimerkki / Ordering example: DIN 582 - C15N - M10

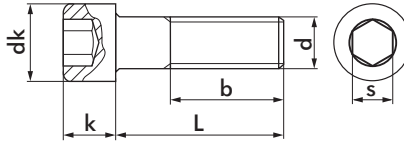
DIN 912

ISO 4762

St 12.9

Tuoteryhmä: **0083**

Kuusiokoloruuvi
Hexagon socket head cap screw
Zylinderschraube mit innensechskant



b	18	20	22	24	28
dk (max.)	5,5	7	8,5	10	13
k (max.)	3	4	5	6	8
s	2,5	3	4	5	6

L(mm)	d				
	M3	M4	M5	M6	M8
6	fm	fm			
8	fm	fm			
10	fm	5.20	fm	fm	
12	fm	5.40	6.40	7.00	fm
16	8.40	6.40	7.40	7.20	10.40
20	9.60	7.40	7.70	7.50	10.80
25	fm	7.80	8.00	7.90	12.00
30	fm	8.40	8.40	8.40	13.60
35	fm		fm	10.40	15.10
40	fm	10.40	10.40	11.40	16.30
45			12.00	13.00	18.60
50	fm	fm	12.40	13.40	19.20
55			23.80	fm	fm
60		fm	15.60	14.60	26.00
65					
70			fm	fm	29.50
75					
80			fm	28.10	32.40
90			36.50	36.60	35.20
100			54.00	38.60	39.60
110			76.00	49.00	57.30
120			fm	73.20	62.80

200 kpl/pcs	L 6-50	L 10-60	L 10-120	L 10-70	
100 kpl/pcs			L 130-160	L 80-150	L 12-100
50 kpl/pcs			L 170-240	L 160-270	L 110-140
25 kpl/pcs					
10 kpl/pcs					

fm Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 912 - 12.9 St - M5x20

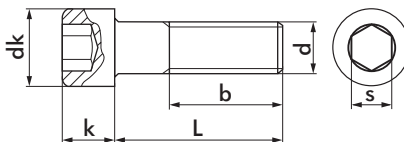
DIN 912

ISO 4762

St 12.9

Tuoteryhmä: **0083**

Kuusiokoloruuvi
Hexagon socket head cap screw
Zylinderschraube mit innensechskant



L(mm)	d				
	M3	M4	M5	M6	M8
130			172.00	81.30	103.00
140				128.60	130.40
150			296.00	172.00	
160			464.00	188.00	
170			630.00		
180					
200			751.00		
220					
240			1930.00		
250				1830.00	
260					
270				2150.00	

b	32,0	36,0	40,0	44,0	48,0
dk (max.)	16,0	18,0	21,0	24,0	27,0
k (max.)	10,0	12,0	14,0	16,0	18,0
s	8,0	10,0	12,0	14,0	14,0

L(mm)	d				
	M10	M12	M14	M16	M18
16					
20					
25	21.00	30.60			
30	22.60	31.90		70.10	
35	23.40	33.40		72.80	
40	25.10	37.20	72.00	75.00	
45	28.60	39.60		77.20	

200 kpl/pcs					
100 kpl/pcs	L 16-80	L 20-60			
50 kpl/pcs	L 90-260	L 70-150	L 30-120		
25 kpl/pcs		L 160-300		L 25-60	
10 kpl/pcs				L 65-220	L 40-120

Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 912 - 12.9 St - M10x20

01 / 2005

prev. next

Emme vastaa mahdollisista painovirheistä.
 We decline all responsibility for any errors.

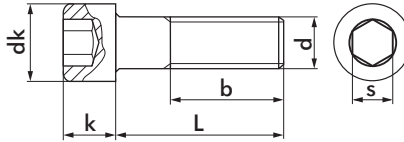
DIN 912

ISO 4762

St 12.9

Tuoteryhmä: **0083**

Kuusiokoloruuvi
Hexagon socket head cap screw
Zylinderschraube mit innensechskant



L(mm)	d				
	M10	M12	M14	M16	M18
50	31.20	43.80	76.00	78.60	224.00
55					
60	41.70	50.70	87.00	88.00	
65					
70	47.20	59.40	103.00	96.00	278.00
75					
80	56.20	66.10		122.00	294.00
90	61.20	72.50		136.00	
100	69.30	80.70		148.00	361.00
110	79.80			164.00	
120	89.50	97.20		181.00	
130		136.40		196.00	
140				220.00	
150		172.10		241.00	
160		197.40		254.00	
170					
180		271.60		298.00	
200		281.30		312.00	
220					
240					
250					
260	625.00	598.00			
270					
280					
300					

200 kpl/pcs					
100 kpl/pcs	L 16-80	L 20-60			
50 kpl/pcs	L 90-260	L 70-150	L 30-120		
25 kpl/pcs		L 160-300		L 25-60	
10 kpl/pcs				L 65-220	L 40-120

Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 912 - 12.9 St - M12x150

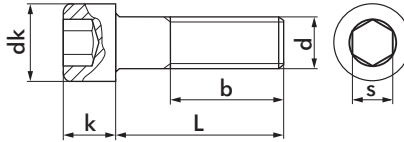
DIN 912

ISO 4762

St 12.9

Tuoteryhmä: **0083**

Kuusiokoloruuvi
Hexagon socket head cap screw
Zylinderschraube mit innensechskant



b	52,0	56,0	60,0	72,0	
dk (max.)	30,0	33,0	36,0	45,0	
k (max.)	20,0	22,0	24,0	30,0	
s	17,0	17,0	19,0	22,0	

L(mm)	d			
	M20	M22	M24	M30
40	fm			
45	fm			
50	146.00	fm	429.00	fm
55			fm	
60	176.00		458.00	fm
65				
70	188.00		483.00	
75	196.00			
80	204.00	fm	516.00	fm
90	224.00		537.00	1032.00
100	253.00	fm	572.00	fm
110	287.00		605.00	fm
120	312.00	fm	632.00	1239.00
130	336.00	fm	fm	fm
140	387.00	fm	fm	fm
150	403.00		704.00	fm
160	432.00	fm	770.00	
170				
180	475.00		865.00	fm
200		fm	fm	
220	fm		fm	2066.00

200 kpl/pcs				
100 kpl/pcs				
50 kpl/pcs				
25 kpl/pcs				
10 kpl/pcs	L 40-130		L 50-70	
5 kpl/pcs	L 140-360	L 50-200	L 80-300	L 50-260

fm Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 912 - 12.9 St - M22x80

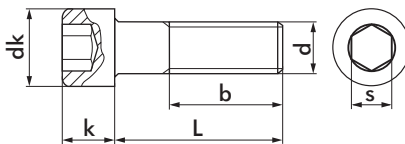
DIN 912

ISO 4762

St 12.9

Tuoteryhmä: 0083

Kuusiokoloruuvi
Hexagon socket head cap screw
Zylinderschraube mit innensechskant



L(mm)	d			
	M20	M22	M24	M30
240			fm	
250				
260			fm	fm
270				
280				
300	fm		fm	
320				
340				
360	fm			

200 kpl/pcs					
100 kpl/pcs					
50 kpl/pcs					
25 kpl/pcs					
10 kpl/pcs	L 40-130		L 50-70		
5 kpl/pcs	L 140-360	L 50-200	L 80-300	L 50-260	

fm Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 912 - 12.9 St - M30x260

DIN 914

ISO 4027

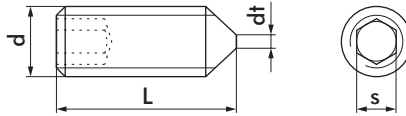
45H St

Tuoteryhmä: **0256**

Pidätinruuvi

Hexagon socket set screw with cone point

Gewindestift



dt (max.)	-	-	-	-	-
s	1,5	2	2,5	3	4

L (mm)	d				
	M3	M4	M5	M6	M8
5					
6		7.50	6.90	7.20	
8		7.80	7.40	7.70	
10		8.10	7.90	8.30	9.60
12		10.50	8.70	9.30	12.60
16		12.60	12.00	12.60	15.60
20			15.60	16.20	20.40
25					
30					
40					
50					

100 kpl/pcs	L 5-12	L 5-16	L 5-20	L 6-30	L 8-40
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Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 914 - 45H St - M6x10

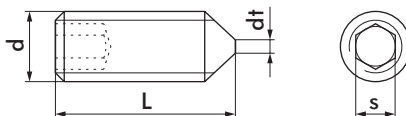
DIN 914

ISO 4027

45H St

Tuoteryhmä: **0256**

Pidätinruuvi
Hexagon socket set screw with cone point
Gewindestift



dt (max.)	2,5	3			
s	5	6			

L (mm)	d			
	M10	M12		
5				
6				
8				
10	17.10			
12	20.40			
16	23.70			
20	29.30			
25				
30				
40				
50	93.00			

100 kpl/pcs	L 10-50	L 10-50		
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Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 914 - 45H St - M12x40

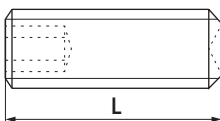
DIN 916

ISO 4029

45H St

Tuoteryhmä: **0254**

Pidätinruuvi
Hexagon socket set screw with cup point
Gewindestift



s	1,5	2	2,5	3	4
L(mm)	d				
	M3	M4	M5	M6	M8
4		5.70			
5			5.20		
6		10.80	5.60	6.20	
8		11.60	6.00	6.40	6.90
10		12.70	6.40	6.80	7.20
12		13.30	7.00	7.30	7.80
16		15.10	7.80	8.00	10.00
20		16.80		9.20	11.40
25				11.30	18.80
30					23.10
35					35.40
40					38.60
45					
50					
60					
100 kpl/pcs	L 4-30	L 4-30	L 5-40	L 6-40	L 8-50
50 kpl/pcs					
25 kpl/pcs					

Hinnat pyydettyäessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example: DIN 916 - 45H St - M6x10

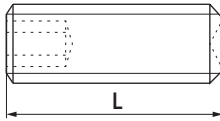
DIN 916

ISO 4029

45H St

Tuoteryhmä: **0254**

Pidätinruuvi
Hexagon socket set screw with cup point
Gewindestift



s	5	6	8		
L(mm)	d				
	M10	M12	M16		
4					
5					
6					
8					
10	10.40				
12	11.00	26.00			
16	14.60	29.00	fm		
20	16.80	34.00	53.00		
25	29.20	38.00	72.00		
30	32.00	43.00	81.00		
35	44.00	54.00	fm		
40	fm	59.00	fm		
45		81.00			
50	66.00	88.00	152.00		
60	87.00	fm	fm		
100 kpl/pcs	L 10-25				
50 kpl/pcs	L 30-60	L 12-60	L 16-30		
25 kpl/pcs			L 35-60		

fm Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example: DIN 916 - 45H St - M10x40

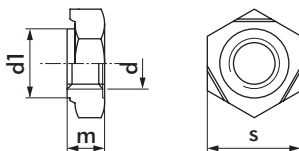
DIN 929



St

Tuoteryhmä: **0399**

**Hitsausmutteri,
Hexagon weld nut,
Sechskant-schweissmutter**



d	d1	s	m	kpl/pcs		Hinta/ Price
M4	9,0	6,0	3,5	500		5.90
M5	7,0	10,0	4,0	500		2.60
M6	8,0	11,0	5,0	500		2.80
M8	10,5	14,0	6,5	500		4.20
M10	12,5	17,0	8,0	500		8.60
M12	14,8	19,0	10,0	200		12.00
M16	18,8	24,0	13,0	100		38.00

Hinnat / Prices per 100 kpl/pcs

Tilausesimerkki / Ordering example: DIN 929 - St - M4

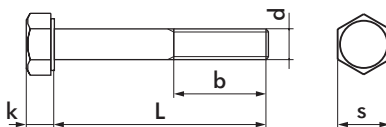
DIN 931

ISO 4014

St 10.9

Tuoteryhmä: 0052

Kuusioruuvi
Hexagon head bolt
Sechskantschraube



b (L ≤ 125)	22	26	30	38	46
b (125 ≤ L ≤ 200)	28	32	36	44	52
b (L ≥ 200)	-	45	49	57	65
k	5,3	6,4	7,5	10	12,5
s	13	17	19	24	30

L(mm)	d				
	M8	M10	M12	M16	M20
40					
50					
60	28.00	46.20	62.60	106.40	198.00
70	37.60	53.40	70.00	116.80	206.00
80	51.20	64.40	82.00	135.60	230.00
90				154.40	
100	64.60	71.60	99.20	176.00	276.00
120		112.00	137.00	204.00	324.00
130				230.00	340.00
140		134.00	159.00	242.00	362.00

200 kpl/pcs	L 60-80				
100 kpl/pcs	L 100	L 60-80	L 60-80		
50 kpl/pcs		L 100-140	L80-140	L60-140	L60-70
25 kpl/pcs					L80-140

Hinnat pyydettyessä /
Prices on request

Tilausesimerkki / Ordering example: DIN 931 - 10.9 St - M8x60
Hinnat / prices per 100 kpl / pcs

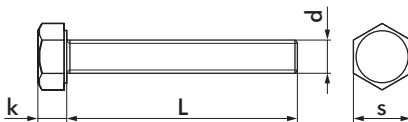
DIN 933

ISO 4017

St 10.9

Tuoteryhmä: **0056**

Kuusioruuvi
Hexagon head bolt
Sechskantschraube



k	5,3	6,4	7,5	10,0	12,5	15,0
s	13	17	19	24	30	36

L(mm)	d					
	M8	M10	M12	M16	M20	M24
12						
16						
20	15.60	22.30				
25	16.60	23.70				
30	17.40	26.50		73.00		
35	19.20	32.10	42.80	75.70		
40	20.40	35.40	45.80	78.30	156.00	
45			50.20	84.60		
50	23.10	43.20	53.20	91.20	166.00	366.00
60				108.50	182.00	358.00
70						410.00

200 kpl/pcs	L 20-50	L 20-30				
100 kpl/pcs		L 35-50	L 35-40			
50 kpl/pcs			L 45-50	L 30-60		
25 kpl/pcs					L 40-60	L 40-70



Hinnat pyydettyessä /
Prices on request

Tilausesimerkki / Ordering example: DIN 933 - 10.9 St - M8x40
Hinnat / prices per 100 kpl / pcs

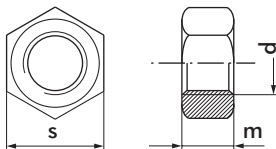
DIN 934

ISO 4032

St 10

Tuoteryhmä: **0320**

Mutteri
Hexagon nut
Sechskantmutter



d	m	s	kpl/pcs		Hinta/ Price
M 6	5,0	10,0	200		3.00
M 8	6,5	13,0	200		5.60
M 10	8,0	17,0	100		11.30
M 12	10,0	19,0	100		17.50
M 14	11,0	22,0	100		fm
M 16	13,0	24,0	50		27.20
M 20	16,0	30,0	50		42.50
M 24	19,0	36,0	25		fm
M 30	24,0	46,0	10		fm

fm Hinnat pyydettäessä /
Prices on request

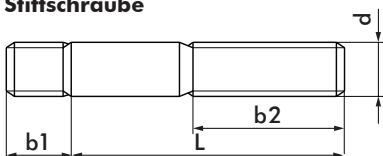
Tilausesimerkki / Ordering example: DIN 934 - 10 St - M8
Hinnat / prices per 100 kpl / pcs

DIN 939

St 8.8

Tuoteryhmä: 1250

**Vaarnaruuvi
Stud
Stiftschraube**



b1	10	12	16	20	24
b2	26-45	30-49	38-57	46-65	54-73

l(mm)	d				
	M10	M12	M16	M20	M24
25	41.80				
30		52.70			
35					
40		78.00			
45		83.00			
50					
55					
60	81.00		197.00	1230.00	
70	86.30		205.00		1492.00
80		108.00	216.00	1490.00	1580.00
90			229.00	1527.00	
100					1804.00
110			251.00		1835.00
115			263.00		
120				1611.00	
130			282.00	1644.00	2016.00
140				1673.00	2057.00
150				1725.00	2093.00
160				1930.00	
170				1957.00	2247.00
180			997.00	2023.00	2291.00
190					2343.00
200			1069.00	2186.00	2396.00
210					2924.00
220				2239.00	2493.00
240			1368.00		
250					2662.00
260					
280					3462.00
300					3908.00
100 kpl/pcs	L 25-90				
50 kpl/pcs		L 30-110			
25 kpl/pcs			L 35-90		
10 kpl/pcs			L 110-240	L 60-240	L 70-300

Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 939 - 8.8 St - M10x30

01 / 2005

Emme vastaa mahdollisista painovirheistä.
We decline all responsibility for any errors.

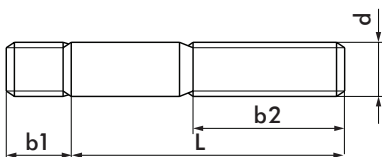
DIN 939



St 8.8

Tuoteryhmä: 1250

**Vaarnaruuvi
Stud
Stiftschraube**



b1	30	35			
b2	66-85	78-97			

l(mm)	d			
	M30	M36		
130	1950.00			
140	2012.00			
150				
160	2786.00			
170	3344.00	3880.00		
180	3576.00			
190	3789.00	4144.00		
200	3854.00			
210	3967.00			
220	4063.00	4640.00		
240	4112.00	4800.00		
250	4589.00	6544.00		
260	4200.00	4980.00		
280	5184.00			
300				
320				
330	6872.00			
340	7080.00	7268.00		
360	7192.00			
400		7808.00		
420		9696.00		
500		9987.00		

100 kpl/pcs				
50 kpl/pcs				
25 kpl/pcs				
10 kpl/pcs				
5 kpl/pcs	L 130-360	L 170-500		

Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 939 - 8.8 St - M36x320

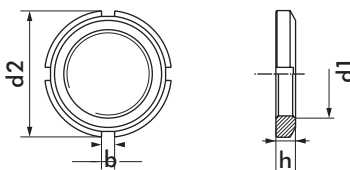
DIN 981



St

Tuoteryhmä: 1437

**Akselimutteri
Locknut,
Nutmuttern**



d	d1	d2	h	b	kpl/pcs	Hinta/ Price
KM 0	M10x0,75	18	4	3	25	fm
KM 1	M12 X 1	22	4	3	25	fm
KM 2	M15 X 1	25	5	4	25	fm
KM 3	M17 X 1	28	5	4	25	fm
KM 4	M20 X 1	32	6	4	25	fm
KM 5	M25 X 1,5	38	7	5	25	fm
KM 6	M30 X 1,5	45	7	5	25	fm
KM 7	M35 X 1,5	52	8	5	25	4.40
KM 8	M40 X 1,5	58	9	6	25	6.20
KM 9	M45 X 1,5	65	10	6	25	7.70
KM 10	M50 X 1,5	70	11	6	25	fm
KM 11	M55 X 2	75	11	7	25	fm
KM 12	M60 X 2	80	11	7	25	11.30
KM 13	M65 X 2	85	12	7	25	fm
KM 14	M70 X 2	92	12	8	25	15.40
KM 15	M75 X 2	98	13	8	20	fm
KM 16	M80 X 2	105	15	8	10	fm
KM 17	M85 X 2	110	16	8	10	fm
KM 18	M90 X 2	120	16	10	10	28.00
KM 21	M105 X 2	140	18	12	10	fm
KM 22	M110 X 2	145	19	12	5	39.00
KM 27	M135 X 2	175	22	14	5	73.00
KM 32	M160 X 3	210	25	16	4	121.00



Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 1 kpl/pcs

Tilausesimerkki / Ordering example: DIN 981 - St - KM 13

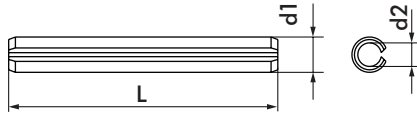
DIN 1481

ISO 8752

St

Tuoteryhmä: **0475**

Jousisokka
Slotted string pin
Spannhülse



d1 (min)	2,3	3,3	4,4	5,4	6,4
d1 (max)	2,4	3,5	4,6	5,6	6,7
d2	1,5	2,1	2,8	3,4	3,9

l(mm)	d				
	2	3	4	5	6
6					
8					
10		5.20	6.60		
12		5.40	6.80		10.40
16		5.70	7.40	9.40	11.80
20		6.60	8.40	9.80	13.40
24		6.80	9.00	10.40	13.80
26		7.00			
30		8.40	10.80	13.20	17.80
32				13.70	
36				14.20	20.00
40			12.80	15.40	21.60
45					
50				16.60	26.80
55					28.20
60					29.20
80					37.80

1000 kpl/pcs	L 6-20	L 10-30	L 10-20		
500 kpl/pcs			L 24-40		
200 kpl/pcs				L 8-26	L 12-24
100 kpl/pcs			L 50-60	L 30-80	L 26-80

Hinnat pyydettyäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 1481 - St - 4x16

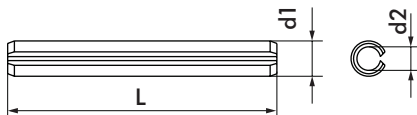
DIN 1481

ISO 8752

St

Tuoteryhmä: **0475**

Jousisokka
Slotted string pin
Spannhülse



d1 (min)	8,5				
d1 (max)	8,8				
d2	5,5				

l(mm)	d				
	8				
6					
8					
10					
12					
16					
20	26.20				
24					
26					
30	32.00				
32	34.00				
36					
40	37.00				
45	40.00				
50	46.40				
55	50.20				
60	53.00				
80					

1000 kpl/pcs				
500 kpl/pcs				
200 kpl/pcs				
100 kpl/pcs	L 20-80			

Hinnat pyydettäessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 1481 - St - 8x32

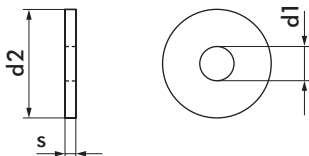
DIN 6340






St

Tuoteryhmä: **0495**

Aluslaatta
Washer
Scheibe



d	d1	d2	s	kpl/pcs		Hinta/ Price
M 6	6,4	17,0	3	200		26.50
M 8	8,4	23,0	4	200		43.20
M10	10,5	28,0	4	200		64.30
M12	13,0	35,0	5	100		89.90
M16	15,0	45,0	6	100		187.70
M20	21,0	50,0	6	100		342.00
M24	23,0	60,0	8	50		602.00
M27	25,0	68,0	10	50		
M30	31,0	68,0	10	50		

 Hinnat pyydettyessä /
Prices on request

Hinnat / Prices per 100 kpl/pcs
Tilausesimerkki / Ordering example: DIN 6340 - St - M10

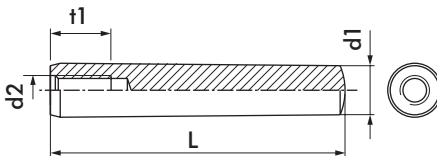
DIN 7978

ISO 8736

St

Tuoteryhmä: **0247**

Kartiosokka sisäkierre
Taper pin with internal thread
Kegelstift mit innengewinde



d2	M3	M4	M5	M6	M8
t1	4	6	8	10	12

L (mm)	d1				
	5	6	8	10	12
30		155.60	167.70		
40		164.20			
45					
50		183.70	216.60		
55					
60	240.00			302.60	
70					543.20
80				350.20	
90					
100					929.60

100 kpl/pcs	L 60	L 30-50	L 30-60		
50 kpl/pcs				L 60-80	L 70-100
25 kpl/pcs					

Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example: DIN 7978 - St - 6x40

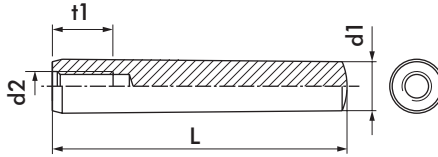
DIN 7978

ISO 8736

St

Tuoteryhmä: **0247**

Kartiosokka sisäkierre
Taper pin with internal thread
Kegelstift mit innengewinde



d2	M10				
t1	16				

L (mm)	d1				
	16				
30					
40					
45					
50	557.90				
55					
60	595.00				
70	766.00				
80					
90	835.00				
100					

100 kpl/pcs					
50 kpl/pcs					
25 kpl/pcs	L 50-90				

Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example: DIN 7978 - St - 16x90

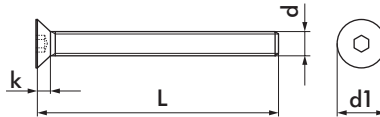
DIN 7991

ISO 10642

St 10.9

Tuoteryhmä: 0089

Uppokantakuusiokoloruuvi
Hexagon socket counter sunk head screw
Senkschraube mit innensechskant



k	2,8	3,3	4,4	5,5	6,5
d1	10,0	12,0	16,0	20,0	24,0

l(mm)	d				
	M5	M6	M8	M10	M12
10					
12					
16	6.20	8.00	10.00		
20		9.20	10.60	22.40	
25		10.00	12.30	24.00	45.60
30		11.60	13.60	24.60	49.60
35		12.20	15.90	28.20	51.40
40		12.80	18.10	31.30	56.00
50		19.80			68.00
60					73.60
70					89.60
80					
90					
100					
130					
150					
160					
180					
200					

500 kpl/pcs	L 10-40	L 10-25			
200 kpl/pcs			L 10-50		
100 kpl/pcs		L 30-50		L 16-70	L 20-60
50 kpl/pcs					L 70-180
25 kpl/pcs					

Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 7991 - 10.9 St - M5x10

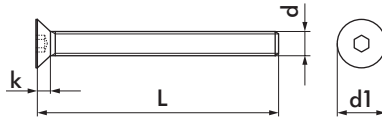
DIN 7991

ISO 10642

St 10.9

Tuoteryhmä: 0089

Uppokantakuusiokoloruuvi
Hexagon socket counter sunk head screw
Senkschraube mit innensechskant



k	7,5	8,5	14,0		
d1	30,0	36,0	39,0		

l(mm)	d				
	M16	M20	M24		
10					
12					
16					
20					
25					
30	80.00				
35	82.00				
40	85.00	254.00			
50	99.00	265.00			
60	110.00				
70	180.00				
80					
90					
100	270.00	546.00	628.00		
130		983.00			
150		1017.00			
160		1036.00			
180	721.00	1092.00			
200			1712.00		

500 kpl/pcs					
200 kpl/pcs					
100 kpl/pcs					
50 kpl/pcs	L 30-90				
25 kpl/pcs	L 100-180	L 40-180	L 50-200		

Hinnat pyydettyessä /
 Prices on request

Hinnat / Prices per 100 kpl/pcs
 Tilausesimerkki / Ordering example:
 DIN 7991 - 10.9 St - M16x60