

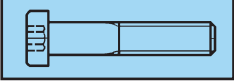
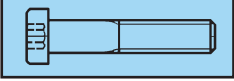

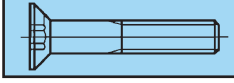


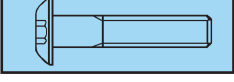


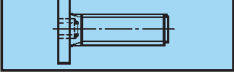
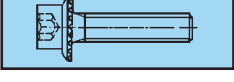
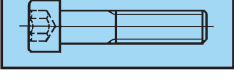






Hex sockets/Innensechskantschrauben Allen key/Sechskant-Stiftschlüssel













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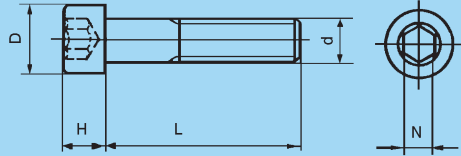
Hex sockets/Innensechskantschrauben

Allen key/Sechskant-Stiftschlüssel

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DIN 912, ISO 4762

Thread length/
Gewindelänge
≥ 2 x d + 12 mm



Steel/Stahl 8.8 Plain/unbeh

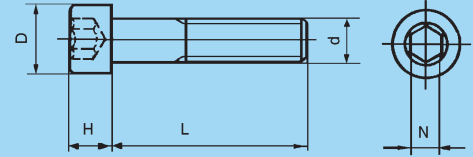
d	M3	M4	M5	M6	M8	M10	M12	M14
D	5,5	7	8,5	10	13	16	18	21
H	3	4	5	6	8	10	12	14
N	2,5	3	4	5	6	8	10	12
L	Price/Preis €/1000 pcs/St							
4	390							
5	360	240						
6	129	120	193	390				
8	104	106	149	169	449			
10	87	79	77	80	260			
12	91	84	79	84	189	630		
14	99	135	135	125	209	574		
16	96	85	77	79	128	379	470	
18	139	135	82	84	137	769	490	
20	103	87	104	85	130	235	437	1800
22	149	140	175	99	190	290	580	
25	109	97	87	87	142	242	373	1332
30	123	106	107	101	149	261	382	1194
35	490	128	115	109	162	278	387	1380
40	506	135	121	121	184	302	406	1236
45	1284	293	209	160	188	334	426	1404
50	1428	324	300	168	211	355	464	1380
55		389	371	268	249	382	511	1728
60		389	395	284	277	413	549	1584
65		609	563	384	403	590	629	1992
70		609	574	395	413	458	649	2016
75			725	550	514	565	682	2220
80			762	563	655	581	689	2304
90			971	665	813	775	865	2484
100			1039	779	907	845	1064	2748
110				1136	1073	967	1224	3300
120				1320	1260	1188	1428	3612
130				2112	1668	1752	2028	4152
140				2856	1848	2136	2412	4320
150					3096	2904	3072	5580
160					3936	3204	3720	9720
170								
180					5424	4812	5028	10740
190								
200					5724	5340	5808	11424
220							10800	
Order ex./Best. ex: DIN 912 8.8 M3 x 4 Plain/unbeh Article ex./Artikelnr ex.: 4762803004								

Box quantity / Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14
200	4-50	5-70	6-50	6-45	8-40	12-30		
100			55-100	50-140	45-80	35-55	16-50	
50					90-200	60-200	55-220	20-40
25								45-200

DIN 912, ISO 4762

Thread length/
Gewindelänge
≥ 2 x d + 12 mm



Steel/Stahl 8.8 Plain/unbeh

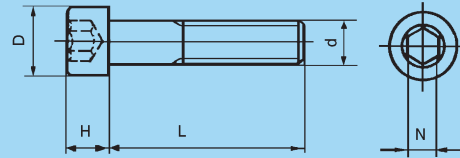
d	M16	M18	M20	M22	M24	M27	M30	M36	M42
D	24	27	30	33	36	40	45	54	63
H	16	18	20	22	24	27	30	36	42
N	14	14	17	17	19	19	22	27	32
L	Price/Preis €/1000 pcs/St								
20	1608								
25	1181								
30	754	3936	2988						
35	762	3936	2988		20268				
40	801	3444	1704	10140	11604		32400		
45	859	3672	1776	10140	11604		32400		
50	936	3732	1824	12816	4200		21396		
55	1002	3864	1944	12816	4656		21396		
60	1040	3972	1944	12816	4656	17640	21396		
65	1212	4356	2124	13236	5016	18288	21876		
70	1212	4500	2124	13236	5016	18288	22356	33888	
75	1356	4656	2244	13836	5136	19068	23256		
80	1356	4764	2244	13836	5136	19068	23256	33888	
90	1644	5184	2772	14820	6168	19848	24168	34836	
100	1800	5784	2940	15168	6408	20760	25080	35832	60480
110	2364	7560	3192	15468	7488	21276	25992	36870	
120	2580	8244	3432	15840	8028	23532	26940	38472	63360
130	2964	8736	5004	16260	9288	24480	27852	39648	
140	3852	10284	7356	16944	11772	25476	28764	41028	64800
150	4980	11952	8532	17388	14712	26436	30144	42636	
160	5196	13008	8640	17772	12924	27084	31536	44016	68400
180	6036	14364	10560		14376	29076	33396	47484	72000
200	7260		12552		15792	30372	36132	51168	82800
210	11712		14112		27000	45360	38940	60000	
220	8772		14112		21660	32796	38940	62900	94176
230	13200		16524		28728	48828	40764	63312	
240	11124		16524		23052	35400	40764	57144	155760
250	12096		17496		30456	51948	42576	66384	
260	12096		17496		24444	37776	42576	59916	167640
280	13080		19848		26256	40212	45348	63816	177936
300	15432		21720		28596	42804	49032	69576	192852
400	43344		35628		55140	156888	95040	146088	
Order ex./Best. ex.: DIN 912 8.8 M16 x 20 Plain/unbeh									
Article ex./Artikelnr ex.: 4762816020									

Box quantity/Verpackung

Pcs/St	M16	M18	M20	M22	M24	M27	M30	M36	M42
50	20-50	30-50							
25	55-200	55-180	30-160	40-80	35-80				
Bulk/ Groß- verp.	210-400		180-400	90-160	90-400	60-400	40-400	70-400	100-300

DIN 912, ISO 4762

Thread length/
Gewindelänge
≥ 2 x d + 12 mm



Steel/Stahl 8.8 Zinopl/verz

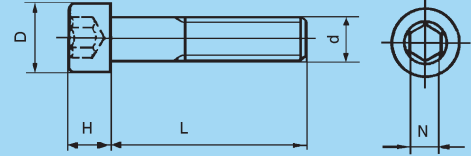
d	M3	M4	M5	M6	M8	M10	M12	M14
D	5,5	7	8,5	10	13	16	18	21
H	3	4	5	6	8	10	12	14
N	2,5	3	4	5	6	8	10	12
L	Price/Preis €/1000 pcs/St							
4	243							
5	110	249						
6	107	129	130	290				
8	87	95	99	120	710			
10	90	96	70	79	190	890		
12	132	97	71	79	160	634		
14	135	140	99	85	170	600		
16	140	110	72	80	135	390	650	
18	150	145	95	94	175	580		
20	145	111	80	81	145	270	490	1956
22	160	150	99	104	182	367	990	
25	161	115	88	85	148	288	431	1512
30	175	126	105	87	155	302	440	1404
35	550	149	122	101	187	321	454	1596
40	570	169	140	105	212	348	460	1476
45	850	220	145	187	257	364	470	1656
50	860	290	175	190	260	434	592	1656
55	1420	390	283	219	330	573	772	2040
60		450	290	220	340	575	778	1908
65		670	359	277	390	720	885	2340
70		680	450	307	409	725	886	2400
75		890	560	425	564	740	950	2616
80		900	800	430	565	808	1100	2724
85			1900	1900	1900	1868	1900	
90			1800	490	590	878	1195	2940
95				890	1700			
100			1990	650	897	1064	1415	3252
110			2800	1200	950	1344	1800	3852
120			2900	1900	1596	1400	1900	4212
130			3050	2900	2191	2289	2733	4800
140				4500	3500	2769	2956	5016
150				4800	3641	3709	4400	6312
160		6900			7292	5620	5300	10500
170				5900	7418			
180					7500	7309	9900	11616
200					10540	10633	10116	12384
Order ex./Best. ex.: DIN 912 8.8 M3 x 4 Zinopl/verz Article ex./Artikelnr ex.: 47628030041								

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14
200	4-55	5-160	6-50	6-45	8-40	10-30		
100			55-130	50-170	45-85	35-55	16-50	
50					90-200	60-200	55-200	20-40
25								45-200

DIN 912, ISO 4762

Thread length/
Gewindelänge
≥ 2 x d + 12 mm



Steel/Stahl 8.8 Zincpl/verz

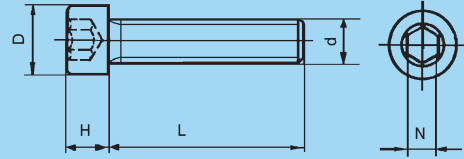
d	M16	M18	M20	M22	M24	M27	M30	M36
D	24	27	30	33	36	40	45	54
H	16	18	20	22	24	27	30	36
N	14	14	17	17	19	19	22	27
L	Price/Preis /1000 pcs/St							
20	1848							
25	1452							
30	973	4368	3468					
35	1000	4392	3516		19900			
40	1058	3936	2136	13900	12612			
45	1134	4188	2232	13900	12684			
50	1236	4284	2316	13764	5040		22080	
55	1332	4452	2460	13812	5544		22080	
60	1392	4608	2496	13860	5592	19128	22080	
65	1572	5016	2700	14000	5988	19860	22680	
70	1596	5208	2736	14388	6036	19944	23160	
75	1776	5400	2892	15000	6204	20808	24120	
80	1800	5556	2928	15108	6264	20892	24120	37920
90	2124	6048	3528	16212	7392	21840	25080	39180
100	2328	6720	3768	16656	7740	22920	26040	40476
110	3120	8580	4392	17076	9396	23616	27000	41736
120	3408	9336	4740	17568	10080	26040	28080	43728
130	3852	9900	6396	18500	11484	27156	29040	45192
140	4800	11520	8844	19000	14100	28332	30000	46884
150	5976	13260	10116	19900	17172	29448	31800	48792
160	6264	14400	10320		15516	30264	33000	50484
180	7224	15912	12420		17232	32604	34800	54552
200	8568		14604		18888	34224	37800	58836
210	13356		13992		24876	49404	40800	62124
220	10200		14088		24996	37008	40800	62424
230	14988		16404		26484	53208	42600	65724
240	12672		16500		26604	39948	42600	66024
250	13700		17500		28104	56664	45000	69096
260	13788		17520		28212	42672	45000	69396
280	14892		19716		30264	45432	47400	73908
300	17376		24192		32832	48372	51600	80268
400	49000		39000		69000	180500	110000	196000
Order ex./Best. ex.: DIN 912 8.8 M16 x 20 Zincpl/verz								
Article ex./Artikelnr ex.: 47628160201								

Box quantity/Verpackung

Pcs/St	M16	M18	M20	M22	M24	M27	M30	M36
50	20-50	30-50						
25	55-200	55-180	30-160	40-80	35-80			
Bulk/ Groß- verp.	210-400		180-400	90-150	90-400	60-400	50-400	80-400

DIN 912, ISO 4762

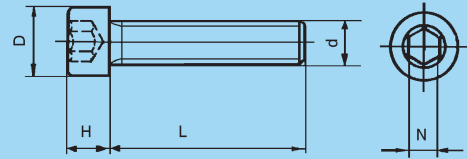
Full threaded/Ganzgewinde
Steel/Stahl 8.8 Plain/unbeh



d	M5	M6	M8	M10	M12
D	8,5	10	13	16	18
H	5	6	8	10	12
N	4	5	6	8	10
L	Price/Preis €/1000 pcs/St				
30	379				
35		525			
40		615	916		
45		805	920		
50		805	1136	2168	
60			1632	2688	3032
70		990	1800		
75			2900		
80			3500		
Order ex./Best. ex.: DIN 912 8.8 M5 x 30 Full threaded/Ganzgewinde Zincl/verz Article ex./Artikelnr ex.: 4762805030FT					

DIN 912, ISO 4762

Full threaded/Ganzgewinde
Steel/Stahl 8.8 Zincl/verz

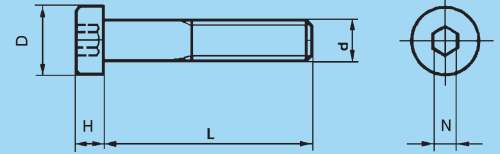


d	M5	M6	M8	M10	M12
D	8,5	10	13	16	18
H	5	6	8	10	12
N	4	5	6	8	10
L	Price/Preis €/1000 pcs/St				
30	494				
35	520	590			
40	550	640	950		
45		890	960		
50	690	850	1200	2200	
55		990	2600		
60	1900	1146	1700	2800	
65	2400	1200	3500		
70		1400	1900	2900	
80		1900	3600	3200	4900
90		2900	3900		
100		5900	4500	3400	
110			7400		
120			9500	6500	
130			9600		
Order ex./Best. ex.: DIN 912 8.8 M5 x 30 Full threaded/Ganzgewinde Zincl/verz Article ex./Artikelnr ex.: 4762805030FT1					

Box quantity/Verpackung

Pcs/St	M5	M6	M8	M10	M12
200	30-65	35-45	40		
100		50-100	45-130	50	
50				60-120	60-80

DIN 7984



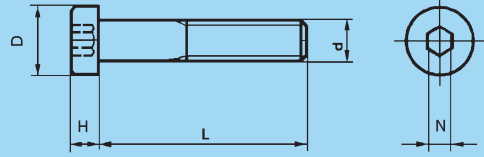
Steel/Stahl 8.8 Plain/unbeh

d	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
D	5,5	7	8,5	10	13	16	18	24	30	36
H	2	2,8	3,5	4	5	6	7	9	11	13
N	2	2,5	3	4	5	7	8	12	14	17
L	Price/Preis €/1000 pcs/St									
5	554									
6	468	450	589	490						
8	388	425	450	258						
10	388	358	248	264	790					
12	410	401	241	264	716	802				
14	480	440	436	481	602					
16	420	369	262	266	316	566				
18	490	490	468	490	573	1080				
20	506	394	264	270	321	553	772			
22				300	390					
25	574	495	308	301	321	541	778	3430		
30	601	566	550	330	359	569	829	2630	8010	
35		663	630	513	787	672	900	2830	8010	
40		804	630	548	804	1210	914	2980	7930	19190
45		890	747	692	832	1240	1110	3480	9290	19660
50			746	643	857	1290	2060	3480	9300	20360
55			1050	820	1060	1640	3120	4020	10130	20360
60			1143	820	1060	1640	3120	4800	10130	20360
65				1434	1630	2500	3660			
70				1409	1630	2500	3660	5700	13250	22120
75					1930	2820	4090			
80					1930	2820	4090	6790	13930	24180
90					2760	3070	4490	7340	14610	30810
100					3220	3320	4810	8700	15390	31790
110								11730	16580	34790
120						4440		12240	17350	37910
130								13350		
160						7500			26400	
180									29000	
200									36000	
<p>Order ex./Best. ex.: DIN 7984 8.8 M3 x 5 Plain/unbeh Article ex./Artikelnr ex.: 7984803005</p>										

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
200	5-30	6-45	6-50	6-45	10-40	12-30				
100			55-60	50-70	45-100	35-55	20-50			
50						60-160	55-100	25-50		
25								55-130	30-120	40-80
Bulk/ Groß- verp.									160-200	90-120

DIN 7984



Steel/Stahl 8.8 Zincl/verz

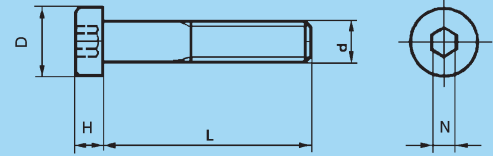
d	M4	M5	M6	M8	M10	M12	M16	M20
D	7	8,5	10	13	16	18	24	30
H	2,8	3,5	4	5	6	7	9	11
N	2,5	3	4	5	7	8	12	14
L	Price/Preis €/1000 pcs/St							
6	490	560	780	1640				
8	380	410	225					
10	315	210	232	840				
12	355	206	233	770	1410			
14	490	225	279	650				
16	325	228	240	365	640	1700		
18			290	590				
20	355	232	247	375	640	900		
22			390	450				
25	460	285	285	385	640	930	3800	
30	530	540	320	435	690	1000	3050	9900
35		670	560	870	800	1100	3250	8700
40		670	600	900	1350	1120	3450	8700
45	890	790	750	940	1400	1340	4000	10100
50		795	710	980	1460	2310	4050	10100
55		1200	870	1190	1840	3450		
60		1250	870	1190	1850	3450	5400	11100
65		1400	1480		2800			
70			1900	1790		4050	6400	14300
80				2600		4900	7500	15100
90				3600				
100				3900		5900		

Order ex./Best. ex.: DIN 7984 8.8 M4 x 6 Zincl/verz
Article ex./Artikelnr ex.: 79848040061

Box quantity/Verpackung

Pcs/St	M4	M5	M6	M8	M10	M12	M16	M20
200	6-45	6-65	6-65	6-40	12-30			
100			70	45-100	35-60	16-50		
50					65	55-100	25-80	30-80

DIN 7984



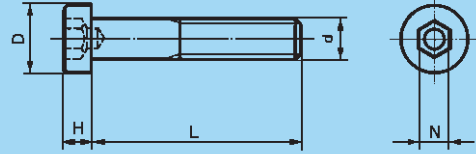
Steel/Stahl 10.9 Plain/unbeh

d	M4	M5	M6	M8	M10	M12	M16	M20	
D	7	8,5	10	13	16	18	24	30	
H	2,8	3,5	4	5	6	7	9	11	*Alternative key width /
N	2,5/3*	3/4*	4/5*	5/6*	7/8*	8/10*	12	14	*Alternative Schlüsselweiten
L	Price/Preis €/1000 pcs/St								
8	765	810	890						
10	645	447	476	990					
12	722	434	476	990	1860				
16	665	472	479	569	1860				
18				1032					
20	710	476	486	578	996	1390			
25	891	555	542	578	974	1401	6600		
30	1019	990	594	647	1025	1493	4734		
35		1134	924	1417	1210	1620	5094		
40		1134	987	1448	2178	1646	5364	9900	
45			1246	1498	2232	1998	6264		
50			1158	1543	2322	3708	6264	10200	
60				1908	2952	5616	9900	11000	
70					4500	6588	10260	12900	
80						6900	12222		
90							14900		
100								19600	
Order ex./Best. ex.: DIN 7984 10.9 M4 x 8 Article ex./Artikelnr ex.: 79841004008									

Box quantity/Verpackung

Pcs/St	M4	M5	M6	M8	M10	M12	M16	M20
200	8-30	8-40	8-50	10-60	12-40			
100					45-70	20-70		
50						80	25-80	
25							90	40-100

DIN 6912



Steel/Stahl 8.8 Plain/unbeh

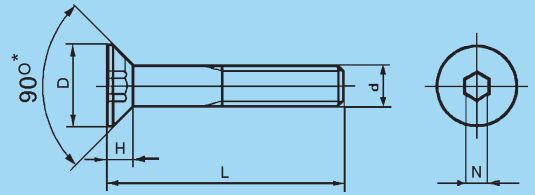
d	M4	M5	M6	M8	M10	M12	M16	M20
D	7	8,5	10	13	16	18	24	30
H	2,8	3,5	4	5	6,5	7,5	10	12
N	3	4	5	6	8	10	14	17
L	Price/Preis €/1000 pcs/St							
6	480							
8	340	430	534					
10	248	282	320	605				
12	234	259	293	531				
16	243	270	315	405	1290			
18	294	293	327	450	1080			
20	266	277	327	414	675	1190		
22			354	473	693	1780		
25	302	297	338	439	693	1110		
30	322	345	360	484	720	1115	2520	
35	374	392	383	540	822	1220	2610	
40	387	446	428	608	923	1350	2770	8960
45		473	473	675	1020	1490	2880	9050
50		675	518	720	1130	1620	3060	9160
60		810	630	855	1350	1850	3670	9320
70			900	1080	1580	2100	4050	9950
75					1620			
80			1040	1580	1800	2430	4730	10650
90				1690	1980	2660	4950	
100				1800	2700	2970	5670	12380
120				2840	3600	4370	6640	14630

Order ex./Best. ex.: DIN 6912 8.8 M4 x 6 Plain/unbeh
Article ex./Artikelnr ex.: 6912804006

Box quantity/Verpackung

Pcs/St	M4	M5	M6	M8	M10	M12	M16	M20
200	6-40	8-60	8-80	10-80	16-35			
100				90-120	40-90	20-70		
50					100-120	80-120	30-80	
25							90-120	40-120

DIN 7991 (~ISO 10642)



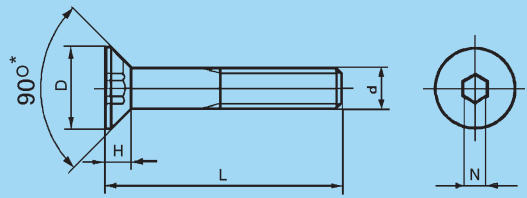
Steel/Stahl 8.8 Plain/unbeh

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24*
D	6	8	10	12	16	20	24	27	30	36	39
H	1,7	2,3	2,8	3,3	4,4	5,5	6,5	7	7,5	8,5	14
N	2	2,5	3	4	5	6	8	10	10	12	14
L	Price/Preis €/1000 pcs/St										
5	290										
6	264	198	495								
8	230	160	160	240							
10	215	150	130	180	266						
12	230	160	130	140	240	990					
14	235	190	150	150	290	800					
15	290	290	195	210	450	710					
16	240	165	140	140	180	420					
18	290	195	198	198	290	590					
20	245	170	150	150	180	360	690				
22	315	280	210	220	250	590	2250				
25	320	180	160	165	190	380	650		2100		
30	325	190	170	175	195	390	600	2175	1900	11500	
35	390	250	230	235	250	450	660	2915	2000	5500	
40		295	240	250	270	470	750	2655	2200	5600	26000
45		350	280	290	325	510	790	2650	2400	5800	25000
50		460	295	330	370	540	840	2650	2600	6000	24000
55			490	510	520	690	960		2800	6100	23000
60			490	510	520	690	960	2700	2900	6200	19000
65				590	610	850	1410		3700		
70			1400	780	610	850	1410	3900	3700	6900	19500
75				1960	950	1200	2400				
80				890	795	1200	1700	4500	3800	7000	20400
90				1600	960	1550	1900	5600	4200	7500	26000
100				1990	1600	1600	2300	5900	4400	8200	27000
110					2800		3900		6900		
120						3200	5600		7900	12900	51000
130				4900					8600	15600	
140							9600		12900	19600	55000
150									13600	22500	
160										24000	
180							15200		21200	28000	
200										29000	
220										38000	
240											
	<p>Limited stockkeeping of 8.8. We keep mainly 10.9 in stock, see page 3:12/ Begrenzte Lagerhaltung von 8.8 schwerpunktmäßige Lagerhaltung von 10.9 siehe Seite 3:12</p>										
	<p>Order ex./Best. ex.: DIN 7991 8.8 M3 x 5 Plain/unbeh Article ex./Artikelnr ex.: 7991803005</p>										
	<p>Sometimes head dimensions like ISO 10642 will be delivered. Therefore countersink acc. to DIN 74-2003 are recommended. Full threaded bolt is sometimes supplied even on lengths below stepline due to several manufacturers have chosen to produce in the way acc. to customer demands. If you wish a guarantee of half threaded you must mention this demand in your order.</p>										

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
200	5-35	6-50	6-50	8-45	10-40	12-30					
100			55-70	50-100	45-80	35-65	20-50				
50					90-130	70-120	55-180	30-40	25-50		
25								45-100	55-160	30-220	
Bulk/ Groß- verp.											40-140

DIN 7991 (~ISO 10642)



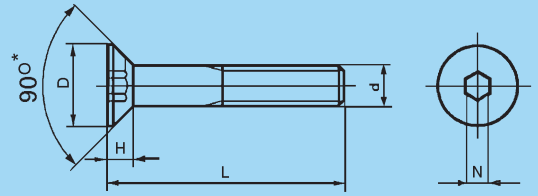
Steel/Stahl 8.8 Zincpl/verz

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24*
D	6	8	10	12	16	20	24	27	30	36	39
H	1,7	2,3	2,8	3,3	4,4	5,5	6,5	7,0	7,5	8,5	14
N	2	2,5	3	4	5	6	8	10	10	12	14
L	Price/Preis €/1000 pcs/St										
5	390										
6	121	210	540								
8	117	120	174	290							
10	84	109	120	190	390						
12	95	105	116	160	280	1700					
14	140	173	190	195	350	1400					
16	106	115	124	160	220	510	1500				
18	195	210	240	210	310	1500					
20	114	128	160	170	220	490	655				
22		300	250	242	290	555	950				
25	325	213	194	190	230	495	790		3500		
30	330	220	209	220	240	530	750	3500	2900	14000	
35	430	280	229	240	290	560	790	3400	2900	8200	
40		330	269	290	330	580	860	3300	3100	8100	31000
45		390	375	350	390	630	910		3200	8500	32000
50		490	383	390	450	690	1100	2900	3500	8700	33000
55			550	570	570	810	1200		3800	9500	34000
60			550	570	580	810	1200	2950	4000	9500	29000
65				650	660	980	1600				
70			1500	840	670	980	1600	4200	5000	9900	29500
75				990	1100	1400	2800				
80				990	1100	1400	2800		5500	10600	31000
90				1700	1300	1600	2900		6400	10900	39000
100				2100	2900	1800	3500		7200	11400	42000
110							4500		7800		
120							6500				
130					4900				14600		
	*M24 Countersunk angle 60°/ *M24 Versenkungswinkel 60°										
	Limited stockkeeping of 8.8. We keep mainly 10.9 in stock, see page 3:13/ Begrenzte Lagerhaltung von 8.8 schwerpunktmäßige Lagerhaltung von 10.9 siehe Seite 3:13										
	Sometimes head dimensions like ISO 10642 will be delivered. Therefore countersink acc. to DIN 74-2003 are recommended. Full threaded bolt is sometimes supplied even on lengths below stepline due to several manufacturers have chosen to produce in the way acc. to customer demands. If you wish a guarantee of half threaded you must mention this demand in your order.										
	Order ex./Best. ex.: DIN 7991 8.8 M3 x 5 Zincpl/verz Article ex./Artikelnr ex.: 79918030051										

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
200	5-35	6-50	6-50	8-45	10-40	12-30					
100			55-70	50-100	45-80	35-65	16-50				
50					90-130	70-100	55-120	30-70	25-50		
25									55-130	30-100	
Bulk/ Groß- verp.											40-100

DIN 7991 (~ISO 10642)



Steel/Stahl 10.9 Plain/unbeh

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24*
D	6	8	10	12	16	20	24	27	30	36	39
H	1,7	2,3	2,8	3,3	4,4	5,5	6,5	7	7,5	8,5	14
N	2	2,5	3	4	5	6	8	10	10	12	14
L	Price/Preis €/1000 pcs/St										
5	290										
6	264	198	398								
8	230	160	160	240							
10	215	150	130	180	266						
12	230	160	130	140	240	990					
14	235	190	150	150	290	800					
15	290	290	195	210	450	710					
16	240	165	140	140	180	420	1990				
18	290	195	198	198	290	590					
20	245	170	150	150	180	360	690				
22	315	280	210	220	250	590	3950				
25	320	180	160	165	190	380	650	2900	2100		
30	325	190	170	175	195	390	600	2175	1900	11500	
35	390	250	230	235	250	450	660	2915	2000	5500	
40	690	295	240	250	270	470	750	2655	2200	5600	26000
45		350	280	290	325	510	790	2200	2400	5800	25000
50		460	295	330	370	540	840	2145	2600	6000	24000
55		980	490	510	520	690	960		2800	6100	23000
60		990	490	510	520	690	960	2700	2900	6200	19000
65				590	610	850	1410		3700		
70			1400	780	610	850	1410	3900	3700	6900	19500
75				890	950	1200	2800		4900		
80				890	795	1200	1700	4500	3800	7000	20400
90				1600	960	1550	1900	5600	4200	7500	26000
100				1990	1600	1600	2300	5900	4400	8200	27000
110					2800	3200	3900		6900	12800	36000
120					2900	3200	5600		7900	12900	51000
130					4900	6800	8400		8600	15600	
140						6900	9800		12900	19600	55000
150						7600			20900	23900	69000
160						8400			21200	24000	
180						14200	19600			28000	72000
200										29000	79000
220										38000	
260											98600

*M24 Countersunk angle 60°/
*M24 Versenkungswinkel 60°

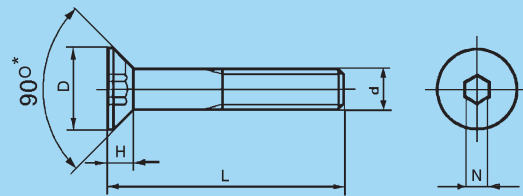
Order ex./Best. ex.:
DIN 7991 10.9 M3 x 5 Plain/unbeh
Article ex./Artikelnr ex.: 79911003005

Sometimes head dimensions like ISO 10642 will be delivered. Therefore countersink acc. to DIN 74-2003 are recommended. Full threaded bolt is sometimes supplied even on lengths below stepline due to several manufacturers have chosen to produce in the way acc. to customer demands. If you wish a guarantee of half threaded you must mention this demand in your order.

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
200	5-40	6-60	6-50	8-45	10-40	12-30					
100			55-70	50-100	45-80	35-65	16-50	25			
50					90-130	70-180	55-120	30-40	25-50		
25							130-180	45-100	55-160	30-220	
Bulk/ Groß- verp.											40-260

DIN 7991 (~ISO 10642)



Steel/Stahl 10.9 Zncpl/verz

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24*
D	6	8	10	12	16	20	24	27	30	36	39
H	1,7	2,3	2,8	3,3	4,4	5,5	6,5	7,0	7,5	8,5	14
N	2	2,5	3	4	5	6	8	10	10	12	14
L	Price/Preis €/1000 pcs/St										
5	390										
6	121	210	478								
8	117	120	174	290							
10	84	109	120	190	390						
12	95	105	116	160	280	1700					
14	140	173	190	195	350	1400					
16	106	115	124	160	220	510	2200				
18	195	210	240	210	310	1500					
20	114	128	160	170	220	490	655				
22		300	250	242	290	555					
25	325	213	194	190	230	495	790		3500		
30	330	220	209	220	240	530	750	3500	2900	14000	
35	490	280	229	240	290	560	790	3400	2900	8200	
40		330	269	290	330	580	860	3300	3100	8100	31000
45		390	375	350	390	630	910		3200	8500	32000
50		680	383	390	450	690	1100	2900	3500	8700	33000
55			550	570	570	810	1200		3800	9500	34000
60			550	570	580	810	1200		4000	9500	29000
65				650	660	980	1600				
70			1500	840	670	980	1600		5000	9900	29500
75				990	1100	1400	3200				
80				990	1100	1400	2800		5500	10600	31000
90				1700	1300	1600	2900		6400	10900	39000
100				2100	1700	1800	3500		7200	11400	42000
110							4800				
120					3400	3900	6500				
140									23400		
180							22000				

**Important information regarding Hydrogen embrittlement, see page T:13 /
Wichtig information was betrifft wasserstoffversprödung, sehen seite T:13**

*M24 Countersunk angle 60°/
*M24 Versenkungswinkel 60°

Order ex./Best. ex.:
DIN 7991 10.9 M3 x 5 Zncpl/verz
Article ex./Artikelnr ex.: 799110030051

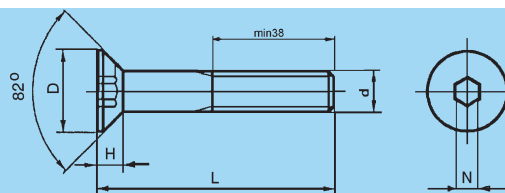
Sometimes head dimensions like ISO 10642 will be delivered. Therefore countersink acc. to DIN 74-2003 are recommended. Full threaded bolt is sometimes supplied even on lengths below stepline due to several manufacturers have chosen to produce in the way acc. to customer demands. If you wish a guarantee of half threaded you must mention this demand in your order.

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
200	5-35	6-50	6-50	8-45	10-40	12-30					
100			55-70	50-100	45-80	35-65	16-50				
50					90-120	70-120	55-120	30-50	25-50		
25							180		55-100	30-140	
Bulk/ Groß- verp.											40-100

Hex socket countersunk head screw/ Senkschrauben mit Innensechskant

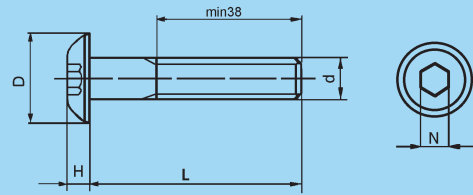
For furniture/Für Möbeln
Steel/Stahl 4.8 Zinopl/verz



d	M6	Box quantity/Verpackung
D	12,0	
H	3,3	
N	4	
L	Price/Preis €/1000 pcs/St	
16	98	5000
20	80	5000
26	90	4000
32	100	3000
38	115	3000
44	120	2500
51	140	2500
57	165	2000
63	185	2000
70	198	1500
76	220	1500
80	240	1500
90	270	1000
100	290	1000
110	450	1000
<p>Order ex./Best. ex.: Hex socket countersunk head screw for furniture/ Senkschrauben mit Innensechskant für Möbeln M6 x 16 Zinopl/verz</p> <p>Article ex./Artikelnr ex.: F6S060161</p>		

Hex socket pan head screw/ Flachkopfschrauben mit Innensechskant

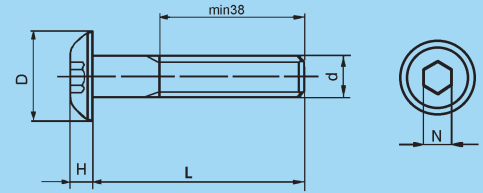
For furniture/Für Möbeln
Steel/Stahl 4.8 Zinopl/verz



d	M6	Box quantity/Verpackung
D	14,5	
H	3,5	
N	5	
L	Price/Preis €/1000 pcs/St	
8	190	Each dimensions 100 pcs/ 100 Stück jede Abmessung
10	129	
12	110	
14	120	
16	110	
20	120	
26	130	
30	149	
32	150	
35	165	
38	170	
40	180	
44	190	
51	195	
57	210	
63	230	
70	240	
76	270	
80	280	
90	290	
100	320	
<p>Order ex./Best. ex.: Hex socket pan head screw for furniture/ Flachkopfschrauben mit Innensechskant für Möbeln M6 x 8 Zinopl/verz</p> <p>Article ex./Artikelnr ex.: K6S060081</p>		



ISO 7380



Steel/Stahl 10.9 Plain/unbeh

d	M3	M4	M5	M6	M8	M10	M12
D	5,7	7,6	9,5	10,5	14	17,5	21
H	1,65	2,2	2,75	3,3	4,4	5,5	6,6
N	2	2,5	3	4	5	6	8
L	Price/Preis €/1000 pcs/St						
4	950						
5	900	450					
6	190	160	240	240			
8	190	160	170	240			
10	190	165	170	160	350	2400	
12	192	179	175	160	309	1400	
14	210	265	195	170	490	1400	
16	227	180	195	175	280	510	1600
18	399	329	362	257	560	584	
20	350	190	210	180	320	550	1300
22	610	460	362	331	574	628	
25	625	308	256	218	360	625	900
30		390	270	311	410	690	990
35		441	284	320	443	790	1100
40		510	447	340	480	890	1200
45			701	390	640	1190	1700
50		990	750	390	650	1190	1800
55				1100	790	1280	
60				1100	790	1280	
65				1400		2900	
70				1900	1400	2900	
75					2400		
80					2400	3693	
90					2600		
100					2900	4100	

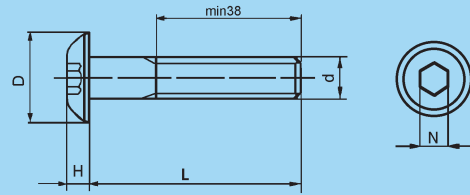
TL/GL = Thread length below step/
Gewindelänge unterhalb Stufenlinie
TL/GL min 2 x d + 12
TL/GL max L - 2 x p/
p = Pitch/Gewindesteigung

Order ex./Best. ex.: ISO 7380 10.9 M3 x 4 Plain/unbeh
Article ex./Artikelnr ex.: 73801003004

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12
200	4-25	5-40	6-50	6-30	10-30	10-25	
100		50		35-70	35-100	30-100	16-40
50							45-50

ISO 7380



Steel/Stahl 10.9 Zincpl/unbeh

d	M3	M4	M5	M6	M8	M10	M12
D	5,7	7,6	9,5	10,5	14	17,5	21
H	1,65	2,2	2,75	3,3	4,4	5,5	6,6
N	2	2,5	3	4	5	6	8
L	Price/Preis €/1000 pcs/St						
5	990	590					
6	220	195	290	460			
8	220	210	190	290	580		
10	220	190	190	180	360		
12	225	195	195	180	330	1900	
14	290	390	240	210	547	2600	
16	240	210	230	195	290	590	2200
18	710	620	420	360	595	2025	
20	490	230	250	220	350	590	1500
22	900		450	390	498		
25	950	320	290	245	370	690	1600
30	990	460	320	320	458	750	1650
35			340	370	470	850	
40			490	395	520	980	1800
45			750	490	625	1300	2400
50			860	495	750	1250	2600
55				1290	990	1390	
60				1300	950	1390	2900
65				1900	1900	1636	
70				2400	1500	3200	
75				2900	2600		
80					2700	3900	
90						4500	
100					3500	4900	

**Important information regarding Hydrogen embrittlement, see page T:13 /
Wichtig information was betrifft wasserstoffversprödung, sehen seite T:13**

TL/GL = Thread length below step/
Gewindelänge unterhalb Stufenlinie
TL/GL min 2 x d + 12
TL/GL max L - 2 x p/
p = Pitch/Gewindesteigung

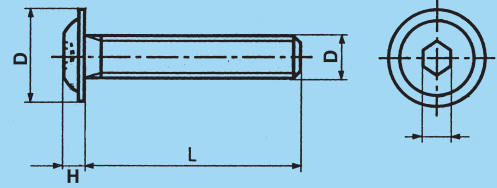
Order ex./Best. ex.: ISO 7380 10.9 M3 x 5 Zincpl/verz
Article ex./Artikelnr ex.: 738010030051

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12
200	5-30	5-30	6-50	6-30	8-30	12-25	
100				35-75	35-100	30-100	16-40
50							45-60
500							

~ISO 7380

With flange/mit Flansch
Steel/Stahl 10.9 Plain/unbeh



d	M3	M4	M5	M6	M8	M10	M12
D	6,6	8,7	10,8	12,9	16,2	19,9	23,6
H	1,6	2,1	2,7	3,2	4,3	5,3	6,4
N	2	2,5	3	4	5	6	8
L	Price/Preis €/1000 pcs/St						
6	590	645					
8	590	725	770	835			
10	605	690	735	695	1185		
12	605	675	610	795	1240		
16	620	700	830	765	1350	2240	
20	635	815	860	950	1450	2400	4660
25		765	925	980	1600	2640	4960
30			985	1155	1750	2800	5350
35					1940	3040	5550
40					2120		5700
45						3280	6250
50							7200

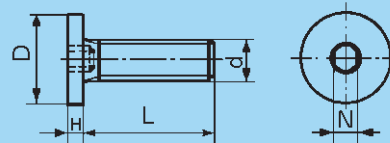
Order ex./Best. ex.: ISO 7380 With flange/mit Flansch 10.9 M3 x 6 Plain/unbeh
Article ex./Artikelnr ex.: K6SF1003006

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12
500	6-20	6-25	8-30	8-30			
200					10-30		
100					35-40	16-45	20-50

Socket cap screw with extra low head/ Zylinderschrauben mit Innensechskant und extrem niedrigem Kopf

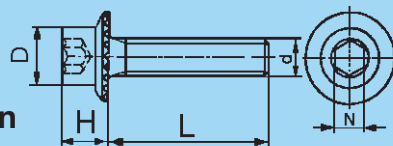
BN 1206 Steel/Stahl 10.9



d	M4	M5	M6	M8	M10	Box quantity/Verpackung
D	8	9	10	13	16	
H	1,5	1,5	1,5	1,5	1,5	
N	2	3	3	4	5	
L	Price/Preis €/1000 pcs/St					2000 pcs/St
6	2270	2900				
8	2490	2530	3160	7350		
10	2740	2770	2790	6700	9600	
12	2900	2720	2740	5350	795	
16		2850	3060	5300	6150	
20		2880	3350	5200	7950	
25			3720	4980	7700	
30				6350	8200	
Order ex./Best. ex.: Socket cap screw with extra low head/ Zylinderschrauben mit Innensechskant und extrem niedrigem Kopf 10.9 M4 x 6 Plain/unbeh Article ex./Artikelnr ex.: MELC6S1004006						

INBUS RIPP®

Hex socket head cap screw with flange and serration/
Innensechskant Schraube mit Flansch und sperrzähnen
BN 3873 CI.100/KI.100 Plain/unbeh



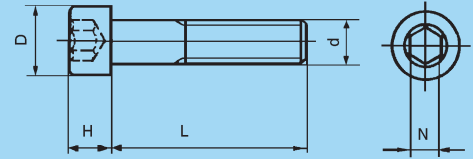
d	M5	M6	M8	M10	M12	Box quantity/Verpackung	
D	9	11	14	17	19		
H	5	6	8	10	12		
N	4	5	6	8	10		
L	Price/Preis €/1000 pcs/St					200	
10	1920	1940					
12	1940	1845	2720				
16	3490	1965	2720	4380			
20	2120	2070	3000	4480	6050		
25		2300	3110	4710	6300		
30		2390	3190	4730	6550		
35				5200	7150		
40			3630	5250	7500		
45					7900		
50					8650		
Order ex./Best. ex. Hex socket head cap with flange and serration/ Innensechskant Schraube mit Flansch und sperrzähnen M5 x 10 Plain/unbeh Article ex./Artikelnr ex.: IR05010							

Box quantity/Verpackung

Pcs/St	M5	M6	M8	M10	M12
200	10-20	10-30	12-40	16-40	
100					20-50

ISO 4762, DIN 912

Thread length/
Gewindelänge
 $\geq 2 \times d + 12 \text{ mm}$



Steel/Stahl 12.9

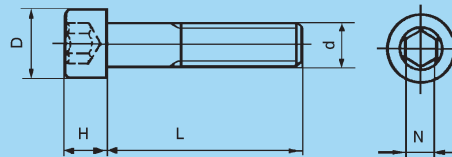
d	M1,4	M1,6	M1,8	M2	M2,5	M2,6	M3	M4
D	2,6	3	3,4	3,8	4,5	5	5,5	7
H	1,4	1,6	1,8	2	2,5	2,6	3	4
N	1,3	1,5	1,5	1,5	2	2	2,5	3
L	Price/Preis €/1000 pcs/St							
3	2364	1848	2484	649	535			
4	2400	2052	2520	629	635	940	312	
5	2472	2172	2580	615	625	668	312	240
6	2508	2232	2652	615	590	940	314	241
8				650	440	976	208	185
10				650	520	856	180	175
12				565	530	676	211	177
14							227	250
15					950		460	390
16				990	560	820	246	178
18					1900		292	183
20					650		254	185
22							295	190
25					660		275	190
30							280	198
35							491	205
40							719	218
45							946	380
50							950	389
55							2460	461
60							3360	480
65								591
70								692
75								1716
80								1836
85								4900
90								6048
100								6624
110								9900
Order ex./Best. ex.: ISO 4762 12.9 M1,4 x 3								
Article ex./Artikelnr ex.: 476212014003								

Box quantity/Verpackung

Pcs/St	M1,4	M1,6	M1,8	M2	M2,5	M2,6	M3	M4
200							4-60	5-60
100	3-6	3-6	3-6	3-16	3-25	4-16		65-110

ISO 4762, DIN 912

Thread length/
Gewindelänge
≥ 2 x d + 12 mm



Steel/Stahl 12.9

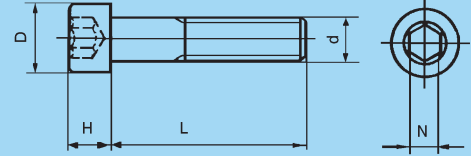
d	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22
D	8,5	10	13	16	18	21	24	27	30	33
H	5	6	8	10	12	14	16	18	20	22
N	4	5	6	8	10	12	14	14	17	17
L	Price/Preis €/1000 pcs/St									
6	222	390	2950							
8	219	190	2928							
10	150	163	249	1800						
12	159	159	249	1284	5280					
14	165	190	250	1290	2364					
15	450	390								
16	160	145	174	507	679					
18	190	180	191	507	679					
20	162	149	166	306	602	3132	3204			
22	237	195	195	350	900		4900			
25	177	165	178	331	507	2448	1900			
30	180	180	188	343	525	2352	1069	9200	5748	
35	185	190	210	363	541	2424	1125	6684	5748	
40	190	195	233	379	549	2196	1148	5100	2208	13236
45	294	200	246	420	584	2244	1180	5172	2220	13236
50	395	238	270	444	612	2388	1224	5172	2244	16812
55	449	378	366	483	677	3204	1260	5208	2388	19068
60	473	384	375	497	706	2616	1320	5208	2460	19068
65	648	484	506	535	783	2856	1512	5532	2664	19716
70	662	645	516	536	807	2952	1512	5532	2664	19716
75	1026	793	644	728	860	3360	1728	6132	2784	20628
80	1046	874	847	749	873	3360	1728	6132	2784	20628
85	1187	1050	1100	970	1260					
90	1134	1069	1026	978	1097	3588	2088	6252	3252	22104
95	1332	1900	1900	2700	2900		4800		6700	
100	1260	1284	1194	1089	1236	4020	2268	6828	3552	22620
105	1400	2800								
110	1416	1752	1560	1812	1896	4260	2736	7248	4032	23052
120	2076	1908	1584	2364	2112	4812	3324	8040	4896	23664
130	8592	4800	2400	2796	3228	5376	4944	8976	6312	24216
140	10812	5400	2640	3120	3792	6924	5376	10524	9252	25224
150	10908	9600	4452	4620	5004	7872	6408	12324	10740	25908
160	11532	11328	5268	5784	5532	12588	7104	16944	10944	26520
170	12120	12480	6048	6768	6360		8808		13200	
180	12120	13248	6432	7200	6420	13920	8808	18684	13272	28596
200	14724	18048	9312	8100	8268	14820	9888	20076	13932	33360
220		19560	11856	8688	12744		14940		20364	
240		21480	12996	10140	13656		15000		21576	
260			14412	11580	14952		16728		22788	
280			15384	13032	15864		18456		23964	
300			21120	14472	17292		20760		26520	
Order ex./Best. ex.: ISO 4762 12.9 M5 x 6 Article ex./Artikelnr ex.: 47621205006										

Box quantity/Verpackung

Pcs/St	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22
200	6-50	6-45	6-45	10-30						
100	55-200	50-240	50-300	35-55	12-50					
50				60-300	55-120	20-40	20-50	30-50		
25					130-300	45-200	55-220	55-160	30-170	40-80
Bulk/ Groß- verp.							240-300	180-200	180-300	90-200

ISO 4762, DIN 912

Thread length/
Gewindelänge
≥ 2 x d + 12 mm



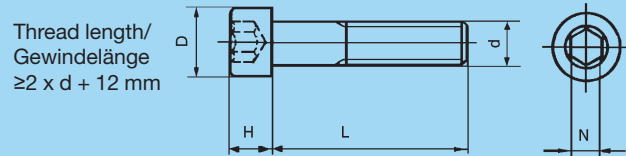
Steel/Stahl 12.9

d	M24	M27	M30	M33	M36	M42	M48
D	36	40	45	50	54	63	72
H	24	27	30	33	36	42	48
N	19	19	22	24	27	32	36
L	Price/Preis €/1000 pcs/St						
40	13608						
45	13992		25560				
50	6768		25560				
55	7212		25560				
60	7212		25560				
65	7500		26160				
70	7500	23784	26680	33972			
75	7824		26688				
80	7824	24828	27852	33972	44016		
90	8916	25776	29016	35832	45192	96000	
100	9180	27036	30144	38652	46536		
110	10188	27684	31320	40332	47916		
120	10476	30552	32448	43200	49776	80496	143220
130	17532	31848	33612	44664	51600		148596
140	17856	33108	34740	47184	53460	90024	156828
150	21036	34404	36516		55320		
160	27756	35268	38208	51168	57144	99552	174504
180	34668	37740	40500	56280	61776	104412	
200	36564	39516	43968	59652	66852	114456	204384
220	37476	42636	47436	64464	70536		
240	38988	46008	49728	69576	74208	143220	295800
260	40296	49176	52020	74772	77892	154056	320400
280	41376	52212	55488	79632	82968	163500	
300	42672	55632	60120	84828	90324	177180	
320	49000		69000				
330	55000						
340	56000						
350	66000						
360	69000		88000				
380	74000						
Order ex./Best. ex.: ISO 4762 12.9 M24 x 40							
Article ex./Artikelnr ex.: 47621224040							

Box quantity/Verpackung

Pcs/St	M24	M27	M30	M33	M36	M42	M48
25	40-80						
Bulk/ Groß- verp.	90-380	70-300	45-360	70-300	80-300	90-300	120-260

ISO 4762, DIN 912



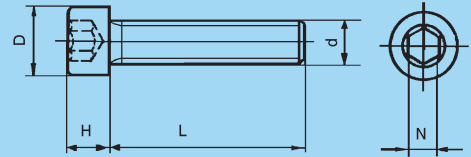
Steel/Stahl 12.9 Zinopl/verz

d	M2	M2,5	M3	M4	M5	M6	M8	M10	M12	M14	M16
D	3,8	4,5	5,5	7	8,5	10	13	16	18	21	24
H	2	2,5	3	4	5	6	8	10	12	14	16
N	1,5	2	2,5	3	4	5	6	8	10	12	14
L	Price/Preis €/1000 pcs/St										
4	635	625									
5	640	635	414	480							
6	485	635	352	482	444						
8	635	635	425	370	438	380					
10	655	650	424	350	300	326	498	3600			
12		640	358	354	318	318	498	2568			
14			481	500	330	380	500	2580			
16		780	496	356	320	290	348	1014	1358		
18			520	366	380	360	382	2900	1358		
20		860	550	370	324	298	332	612	1204		6408
22				380	474	390	390	700	1800		9800
25			630	380	354	330	356	662	1014	4896	3800
30			670	396	360	360	376	686	1050	4704	2138
35			730	410	370	380	420	726	1082	4848	2250
40				436	380	390	466	758	1098	4392	2296
45				760	588	400	492	840	1168	4488	2360
50				778	790	476	540	888	1224	4776	2448
55						756	732	966	1354	6408	2520
60				960	946	768	750	994	1412	5232	
65						1200	1012	1070	1566		3024
70						1290	1032	1072	1614	7200	3024
75							1288	1456	1720		
80						1748	1694	1498	1746		3456
90							2052	1956	2194		4176
100							2388	2178	2472		4536
110								3624			5472
120								4728	4224		6648
<p>Important information regarding Hydrogen embrittlement, see page T:13 / Wichtig information was betrifft wasserstoffversprödung, sehen seite T:13</p>											
<p>Order ex./Best. ex.: ISO 4762 12.9 M2 x 4 Zinopl/verz Article ex./Artikelnr ex.: 476212020041</p>											

Box quantity/Verpackung

Pcs/St	M2	M2,5	M3	M4	M5	M6	M8	M10	M12	M14	M16
200			5-35	5-60	6-50	8-45	10-40	10-30			
100	4-10	4-20			60	50-80	45-80	35-55	16-50		
50							90-100	60-120	55-120	25-40	20-50
25										45-70	55-120

ISO 4762, DIN 912



Full threaded/Ganzgewinde
Steel/Stahl 12.9

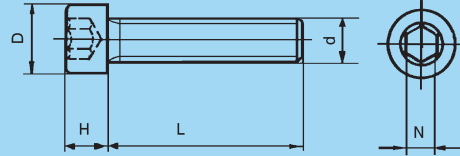
d	M3	M4	M5	M6	M8	M10	M12	M16	M20
D	5,5	7	8,5	10	13	16	18	24	30
H	3	4	5	6	8	10	12	16	20
N	2,5	3	4	5	6	8	10	14	17
L	Price/Preis €/1000 pcs/St								
22	372								
25	627								
30	834	927	483						
35	1400	950	588	399					
40		963	666	438	630				
45		1173	789	510	654	1119			
50		1200	1035	738	723	1164			
55				1110	867	1800	1900		
60		1250	1728	1143	894	1332	2562		
65						1362	7900	6240	
70			1800	1530	1173	1422	3030	6300	
75						1752			18500
80				2046	1548	1836	3360	9900	18500
90				2100	1914	2286	4830	14000	
100					3400	2502	6000	19000	
120					3900	6200		49000	59000
180							19000		
230							29000		
250							82000		
Order ex./Best. ex.: ISO 4762 12.9 M3 x 22 Full threaded/Ganzgewinde Article ex./Artikelnr ex.: 47621203022FT									

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M16	M20
200	22-35	30-60	30-50	35-45	40				
100			60-70	50-90	45-80	45-55			
50					90-120	60-120	55-100		
25							180-250	65-120	75-120

ISO 4762, DIN 912

Metric fine pitch thread/Feingewinde
Steel/Stahl 12.9



d	M12x1,5	M16x1,5	M20x1,5
D	18	24	30
H	12	16	20
N	10	14	17
L	Price/Preis €/1000 pcs/St		
20	15000		
30	16000	34000	
35	17000		
40	17500	35500	68000
45		36500	
50	19000	37000	71000
60	24000	39000	74000
70		42000	79000
75			88000
80			94000
90		50524	98000
Order ex./Best. ex.: ISO 4762 12.9 Metric fine pitch thread/Feingewinde M12 x 1,5 x 20 Article ex./Artikelnr ex.: 4762121215020			

Box quantity/Verpackung

Pcs/St	M12x1,5	M16x1,5	M20x1,5
100	20-60		
50		30-50	
25		60-90	40-90



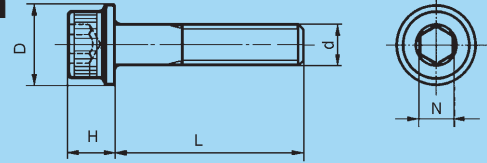
BUEFAB
Norge AS

– Say Bufab – it's enough!

BUEFAB

3:25

ISO 4762 With flange/mit Flansch



BN 1392 Steel/Stahl 12.9

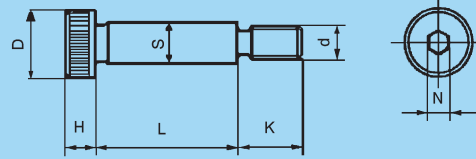
d	M4	M5	M6	M8	M10	M12
D	9	11	12,5	17	21	24
H	4	5	6	8	10	12
N	3	4	5	6	8	10
L	Price/Preis €/1000 pcs/St					
8	880					
10	885	795				
12	885	980				
16	890	990	1080			
20	1035	1105	1115	1888	3530	
25		1200	1170	2270	4130	
30		1255	1435	2300	4200	7250
35			1730	2400	4740	7300
40			1945	2900	5300	7500
50			2380	3180	5400	9350
60				3200	6300	9400
70				3660	6400	10150
80						10950
90						11000
100						13800

Order ex./Best. ex.: ISO 4762 With flange/mit Flansch 12.9 M4 x 8
Article ex./Artikelnr ex.: 4762F1204008

Box quantity/Verpackung

Pcs/St	M4	M5	M6	M8	M10	M12
200	8-20	10-30	16-30	20-30	20-30	
100			35-50	35-70	35-70	30-50
50						60-100

ISO 7379



Steel/Stahl 12.9

S(f9)	6*	8	10	12*	16	20	24*
D	10	13	16	18	24	30	36
H	4,5	5,5	7	9	11	14	16
N	3	4	5	6	8	10	12
K	9,5	11	13	16	18	22	27
d	M5*	M6	M8	M10*	M12	M16	M20*
L	Price/Preis €/1000 pcs/St						
10	2800	5350					
12	2980	3200	6200	9700			
16	3120	3430	4000	6200	18300		
20	3380	3620	4270	5500	18300		
25	3570	4020	4720	5850	12600		
30	3840	4140	5050	6050	9750	39000	
35	5650	5750	8900	6650			
40	4160	4430	5350	6150	12350	30600	
50	4710	4670	5700	7200	13150	32200	96700
60		7400	6200	7750	13600	36600	102100
70			7150	8400	18000	43500	103500
80			8250	9900	15500	47200	106600
90				10250	17400	49000	115200
100			18400	11250	21700	52100	151100
120					28100	61300	157300

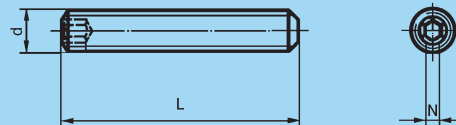
* Delivery with diameter S acc. to above (ISO Std. indicates 6,5, 13 and 25 mm)/
 * Werden mit Durchmesser S wie oben angegeben geliefert (ISO-Standard = 6,5, 13 und 25 mm)

Order ex./Best. ex.: ISO 7379 12.9 6 x M5 x 10
Article ex./Artikelnr ex.: 737906010

Box quantity/Verpackung

Pcs/St	6	8	10	12	16	20	24
50	10-50	10-60					
25			12-100	12-100	16-120	30-120	50-120

DIN 913, ISO 4026



Steel/Stahl 45 h

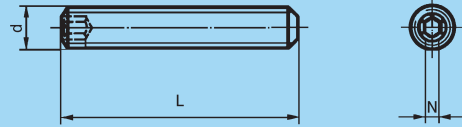
d	M1,4	M1,6	M2	M2,5	M3	M4	M5	M6
N	0,7	0,7	0,9	1,3	1,5	2	2,5	3
L	Price/Preis €/1000 pcs/St							
2			990					
2,5	2370	1390	406					
3	2370	1455	439	351	84	181		
4	2370	1390	423	550	84	85	95	261
5	2030	1195	413	293	85	85	77	131
6			444	525	86	88	85	101
8			550	560	87	89	92	101
10			600	855	90	96	95	105
12					101	106	99	120
14					115	150	126	175
16					120	129	129	135
18					410	303	401	326
20					416	201	200	206
22						477	590	418
25					661	546	279	285
30					670	550	290	321
35						875	453	380
40						1045	522	420
45							710	780
50							755	909
55								1900
60							1200	2200
70								2900

Order ex./Best. ex: DIN 913 Steel/Stahl M1,4 x 2,5
 Article ex./Artikelnr ex.: 9130140025

Box quantity/Verpackung

Pcs/St	M1,4	M1,6	M2	M2,5	M3	M4	M5	M6
100	For all dimensions above/Für alle Maße oben							

DIN 913, ISO 4026



Steel/Stahl 45 h

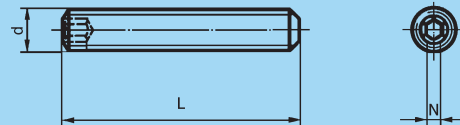
d	M8	M10	M12	M14	M16	M18	M20	M22	M24
N	4	5	6	6	8	10	10	12	12
L	Price/Preis €/1000 pcs/St								
5	357								
6	198	714							
8	119	290							
10	120	147	630						
12	125	179	360						
14	151	212	540	4550					
16	156	223	366	2690	890				
18	290	307	690		1490				
20	209	303	486	3320	950	7450	4400		
22	489	757							
25	357	495	630	3790	1300	7800	5500	11100	6450
30	370	560	740	3760	1500	8800	5200	12600	5729
35	510	670	860	5700	1800	8900	5800	13300	6001
40	540	750	1025	5750	1900	9500	6300	14100	6307
45	600	860	1200	5800	2400	9600	7700	14450	8175
50	650	890	1200	5900	2500	11350	8200	15200	7191
55	1100	1680	2025		2600		7800		
60	1100	1680	2485	8000	2900	11850	8200	18450	10744
65			2935		4600		8500		
70	1800	2300	2935	9650	4600	13100	8600	20700	11781
80	1900	2800	4248		5500		8900		12818
90		3300	4343		6140		9200		13838
100		6300	6878		10300		9500		19839
110							10200		

Order ex./Best. ex: DIN 913 Steel/Stahl M8 x 5
Article ex./Artikelnr ex.: 91308005

Box quantity/Verpackung

Pcs/St	M8	M10	M12	M14	M16	M18	M20	M22	M24
100	5-80	6-100	10-60	14-30	16-30				
50			65-100	35-70	35-60	20-45	20-45	25-35	
25					65-100	50-70	50-110	40-70	25-60
Bulk/ Groß/ verp.									70-100

DIN 913, ISO 4026



Steel/Stahl 45 h Zincl/verz

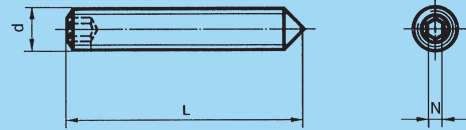
d	M3	M4	M5	M6	M8	M10	M12	M16	M20
N	1,5	2	2,5	3	4	5	6	8	10
L	Price/Preis /1000 pcs/St								
3	135								
4	135	136	152	418					
5	136	136	124	210					
6	138	141	136	162	317	980			
8	140	143	148	162	191	464			
10	144	154	152	168	192	236	1008		
12	162	170	159	192	200	287	576		
14	184	240	202	280	242		864		
16	192	207	207	216	250	357	586	1424	
18	656	485	642	522	464	492			
20		322	320	330	335	485	778	1520	7040
22		764	944	669	783	1212			
25		874	447	456	572	792	1008	2080	8800
30		880	464	514	592	896	1184	2400	8320
35		1400	725	608	816	1072	1376	2880	9280
40		1672	836	672	864	1200	1640	3040	10080
45				1248	960	1376	1920	3840	12320
50			1208	1455	1040	1424	1920	4000	12320
55					1760	2688			
60				3520	1760	2688	3976	4640	13120
65									
70					2880	3680	4696	7360	13760
80					3040	4480	6797	8800	14240
90						5280	6949	9824	14720
100							11005	16480	15200

Order ex./Best. ex: DIN 913 Steel/Stahl M3 x 3 Zincl/verz
Article ex./Artikelnr ex.: 913030031

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M16	M20
100	For all dimensions above/Für alle Maße oben								

DIN 914, ISO 4027



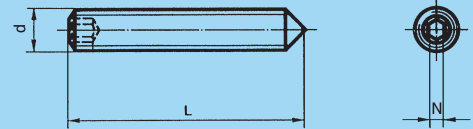
Steel/Stahl 45 h

d	M2,5	M3	M4	M5	M6
N	1,3	1,5	2	2,5	3
L	Price/Preis €/1000 pcs/St				
3	770	231			
4	780	196	201	269	
5	750	201	173	180	300
6	810	205	179	180	185
8	690	213	182	185	170
10	1060	221	190	190	175
12		236	201	200	180
14		245	490	490	220
15		390			
16		263	225	240	215
18		368	234	265	292
20		279	234	265	245
22				590	718
25		935	383	388	290
30		950	1012	430	330
35		950	1384	579	533
40			1632	661	632
45					731
50					825
<p>Order ex./Best. ex: DIN 913 Steel/Stahl M2,5 x 3 Article ex./Artikelnr ex.: 914025003</p>					

Box quantity/Verpackung

Pcs/St	M2,5	M3	M4	M5	M6
100	For all dimensions above/Für alle Maße oben				

DIN 914, ISO 4027



Steel/Stahl 45 h

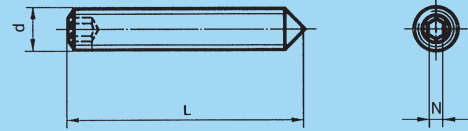
d	M8	M10	M12	M14	M16	M20	M24
N	4	5	6	6	8	10	12
L	Price/Preis €/1000 pcs/St						
6	348						
8	240	517					
10	250	428	950				
12	270	360	791				
14	446	590	900				
15		670					
16	293	413	666	3825	1553		
18	550	690	980		1900		
20	349	485	763	4050	1533	3077	
22	690	790	950				
25	459	570	852	4275	1652	2992	7745
30	558	667	949	4725	1785	3162	5729
35	610	763	1027	5400	1904	3349	6001
40	775	946	1124	5625	2006	3519	6307
45	923	1205	1291	5850	2278	3723	7100
50	1068	1336	1533	6750	2550	4012	7191
55	1528	2091	1836		2907		
60	1528	2091	1836	10800	2907	4352	10744
70	1768	2533	2584	11700	4063	5797	11781
80	2074	3026	3060	14000	4590	6409	12818
90			3900	15000	5134	7140	13838
100				16000	7397	9500	19839

Order ex./Best. ex.: DIN 914 Steel/Stahl M8 x 6
Article ex./Artikelnr ex.: 91408006

Box quantity/Verpackung

Pcs/St	M8	M10	M12	M14	M16	M20	M24
100	6-80	8-80	10-60	16-30	16-30		
50			70-90	35-100	35-60	20-45	25-35
25					70-100	50-100	40-100

DIN 914, ISO 4027



Steel/Stahl 45 h Zincpl/verz

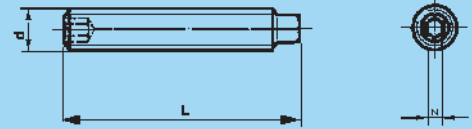
d	M3	M4	M5	M6	M8	M10	M12	M16	M20
N	1,5	2	2,5	3	4	5	6	8	10
L	Price/Preis €/1000 pcs/St								
3	370								
4	314	322							
5	322	277	288	480					
6	328	287	288	296	557				
8	341	292	296	272	384	828			
10	354	304	304	280	400	685	1520		
12	378	322	320	288	432	576	1266		
14	392	784	784	352	714	944	1440		
16	421	360	384	344	469	661	1066	2485	
18	589	375	424	468	880	1104	1568	3040	
20	447	375	424	392	559	776	1221	2453	4924
22			944	1149	1104	1264	1520		
25	1496	613	621	464	735	912	1364	2644	4788
30		1620	688	528	893	1068	1519	2856	5060
35		2215	929	853	976	1221	1644	3047	5359
40		2612	1058	1012	1240	1514	1799	3210	5631
45				1170	1477	1928	2066	3645	5957
50				1320	1709	2138	2453	4080	6420
60					2445	3346	2938	4652	6964
70					2829	4053	4135	6501	9276
80					3319	4842	4896	7344	10255
90								8215	11424
100								11836	15200

Order ex./Best. ex.: DIN 914 Steel/Stahl M3 x 3 Zincpl/verz
 Article ex./Artikelnr ex.: 914030031

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M16	M20
100	For all dimensions above/Für alle Maße oben								

DIN 915, ISO 4028



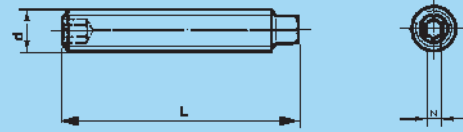
Steel/Stahl 45 h

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
N	1,5	2	2,5	3	4	5	6	6	8	10	12
L	Price/Preis €/1000 pcs/St										
3	231										
4	196	201	269								
5	201	173	221	300							
6	205	179	192	248							
8	213	182	201	211	289	517					
10	221	190	207	215	246	428	950				
12	236	201	224	228	265	360	791				
14	479	412	475	619	530	835	990				
15	490		495		710						
16	263	225	240	257	293	413	666		1553		
18	368	234	495	292	750	690	1200		1900		
20	279	234	265	292	349	485	762	2057	1533	3077	
22			520	559	827	884	1900				
25	675	383	388	397	459	570	852		1652	2992	5995
30	690	1012	430	438	558	667	949	2380	1785	3162	5729
35		1384	579	533	609	762	1027		1904	3349	6001
40		1632	661	632	775	946	1124	2669	2006	3519	6307
45			790	731	923	1204	1291		2278	3723	7089
50			1017	825	1068	1336	1533	3400	2550	4012	7191
55				1200	1528	2227	1836		2907		
60				1476	1528	2091	1836		2907	4352	10744
70					1768	2533	2584		4063	5797	11781
80					2074	3026	3060		4590	6409	12818
90					5062	6500	4232		5134	7140	13838
100					8900	9000	5266		5950	9757	19839
<p>Order ex./Best. ex.: DIN 915 Steel/Stahl M3 x 3 Article ex./Artikelnr ex.: 91503003</p>											

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
100	3-30	4-40	4-50	5-60	8-100	8-100	10-60	20-30	16-30		
50							70-100	40-50	35-60	20-45	25-35
25									70-100	50-100	40-100

DIN 915, ISO 4028



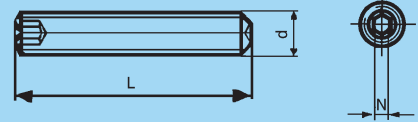
Steel/Stahl 45 h Zincpl/verz

d	M3	M4	M5	M6	M8	M10	M12	M16	M20
N	1,5	2	2,5	3	4	5	6	8	10
L	Price/Preis €/1000 pcs/St								
3	370								
4	314	322							
5	322	277	354						
6	328	287	308	397					
8	341	292	322	338	463				
10	354	304	332	344	394	685	1520		
12	378	322	359	365	424	576	1266		
14	767	1200	760	991	848	1336	1584		
16	421	360	384	412	469	661	1066	2485	
18	589	375	792	1900	1200	1104	1920	3040	
20	447	375	424	468	559	776	1220	2453	4924
22			832	895	1224	1415	3040		
25	1080	613	621	636	735	1060	1364	2644	4788
30	1104	1620	688	701	893	1068	1519	2856	5060
35		2215	927	853	975	1220	1644	3047	5359
40		2612	1058	1012	1240	1514	1799	3210	5631
45			1264	1170	1477	1927	2066	3645	5957
50			1628	1320	1709	2138	2453	4080	6420
55				1920	2445	3564	2938	4652	
60				2362	2445	3348	2938	4652	6964
70					2829	4053	4135	6501	9276
80					3319	4842	4896	7344	10255
90					8100	10400	6772	8215	11424
100					14240	14400	8426	9520	15612
Order ex./Best. ex.: DIN 915 Steel/Stahl M3 x 3 Zincpl/verz Article ex./Artikelnr ex.: 915030031									

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M16	M20
100	For all dimensions above/Für alle Maße oben								

DIN 916, ISO 4029



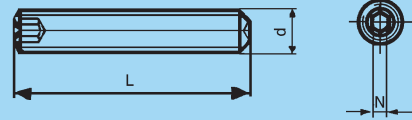
Steel/Stahl 45 h

d	M1,6	M2	M2,5	M2,6	M3	M4	M5	M6
N	0,7	0,9	1,3	1,3	1,5	2	2,5	3
L	Price/Preis €/1000 pcs/St							
2		453						
2,5	1590	433	390					
3	1390	525	317	1040	84	181		
4	1590	423	340	680	84	85	95	261
5	2190	397	260	815	85	85	77	131
6		341	353	890	86	88	85	95
8		585	410	1135	87	89	92	95
10		865	605	1040	90	96	95	98
12					101	106	99	105
14					115	150	126	175
15						291		
16					120	129	129	135
18					410	303	401	326
20					270	201	195	190
22						477	590	418
25					661	546	279	285
30					670	550	290	321
35						875	453	380
40					950	1045	522	420
45								570
50							755	770
60								2200
<p>Order ex./Best. ex.: DIN 916 Steel/Stahl M1,6 x 2,5 Article ex./Artikelnr ex.: 9160160025</p>								

Box quantity/Verpackung

Pcs/St	M1,6	M2	M2,5	M2,6	M3	M4	M5	M6
100	For all dimensions above/Für alle Maße oben							

DIN 916, ISO 4029



Steel/Stahl 45 h

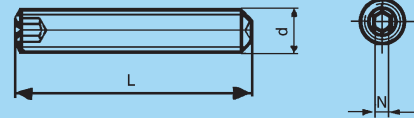
d	M8	M10	M12	M14	M16	M18	M20	M22	M24
N	4	5	6	6	8	9	10	12	12
L	Price/Preis €/1000 pcs/St								
6	198								
8	119	290							
10	120	147	630						
12	125	179	315						
14	151	212	540	4550					
16	156	223	366	2690	890				
18	290	490	690						
20	209	303	450	3320	950	7450	4400		
22	489	757	960						
25	310	430	540	3790	1300	7800	5500	11100	6450
30	370	490	640	3760	1500	8800	5200	12600	5729
35	470	580	840	5700	1800	7850	5800	13300	6001
40	490	640	960	4430	1900	9500	6300	14100	6307
45	600	860	1100	5650	2400	9150	7700	14450	8175
50	650	890	1100	5300	2500	11350	7700	15200	7191
55	1100	1680	2025		2600		7800		
60	1100	1680	2485	8000	2900	11850	8200	18450	10744
65			2935						
70	1800	2300	2935	9650	4600	13100	8600	20700	11781
75					5900				
80	1900	2800	4248		5500		8900		12818
90	2800	3300	4343		6140		9200		13838
100		6300	6878		10300		9500		19839

Order ex./Best. ex.: DIN 916 Steel/Stahl M8 x 6
Article ex./Artikelnr ex.: 91608006

Box quantity/Verpackung

Pcs/St	M8	M10	M12	M14	M16	M18	M20	M22	M24
100	6-90	8-100	10-60	14-30	16-30				
50			65-100	35-70	35-60	20-45	20-45	25-35	25-35
25					70-100	50-70	50-100	40-70	40-100

DIN 916, ISO 4029



Steel/Stahl 45 h Zincpl/verz

d	M3	M4	M5	M6	M8	M10	M12	M16	M20
N	1,5	2	2,5	3	4	5	6	8	10
L	Price/Preis €/1000 pcs/St								
3	135								
4	135	136	152						
5	136	136	124	210					
6	138	141	136	152	317				
8	140	143	148	152	191	464			
10	144	154	152	157	192	236	1008		
12	162	170	159	168	200	287	504		
14	184	240	202	280	242	2300	864		
16	192	207	207	216	250	357	586	1424	
18	656	485	642	522	464	784	1104		
20	432	322	312	304	335	485	720	1520	7040
22			944	669	783	1212	1536		
25	1058	874	447	456	496	688	864	2080	8800
30	1072	880	464	514	592	784	1024	2400	8320
35		1400	725	608	752	928	1344	2880	9280
40		1672	836	672	784	1024	1536	3040	10080
45				912	960	1376	1760	3840	12320
50				1232	1040	1424	1760	4000	12320
55			1960		1760	2688	3240	4160	
60					1760	2688	3976	4640	13120
70					2880	3680	4696	7360	13760
80					3040	4480	6797	8800	14240
90						5280	6949	9824	14720
100						10080	11005	16480	15200

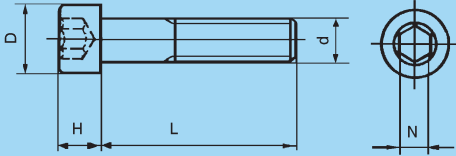
Order ex./Best. ex.: DIN 916 Steel/Stahl M3 x 3 Zincpl/verz
 Article ex./Artikelnr ex.: 916030031

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M8	M10	M12	M16	M20
100	For all dimensions above/Für alle Maße oben								

Hexagon socket head cap screws/ Zylinderschrauben mit Innensechskant

UNC-Thread/Gewinde
ANSI B 18.3-1960 serie
Steel/Stahl ~12.9 (ASTM A574)



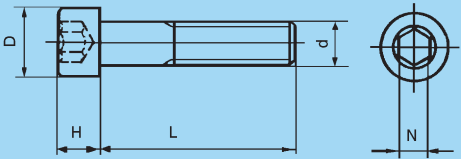
d	No2	No5	No6	No8	No10	1/4	5/16	3/8
D	3,6	5,2	5,7	6,8	7,9	9,5	11,9	14,3
H	2,2	3,18	3,51	4,17	4,8	6,4	7,9	9,5
N	5/64	3/32	7/64	9/64	5/32	3/16	1/4	5/16
L	Price/Preis €/1000 pcs/St							
3/16 4,8	3493		1200					
1/4 6,4	2895	948	1178	973	1506	1900		
5/16 7,9					950	1900		
3/8 9,5	2938	1108	1058	1010	515	290	1400	2900
1/2 13	3278	2120	1078	1038	251	259	650	1400
5/8 16	4900	3118	1165	1200	379	303	410	650
3/4 19		2625	1325	1343	293	268	390	560
7/8 22					399	361	450	690
1" 25				600	335	300	460	570
1 1/4 32				710	486	344	490	613
1 1/2 38				726	518	458	590	675
1 3/4 45					1090	491	650	853
2" 51					623	558	680	870
2 1/4 57						688	850	1245
2 1/2 64						710	890	1268
2 3/4 70						1730	1100	1400
3" 76						1160	1180	1493
3 1/4 83						3500	1900	1900
3 1/2 89						4900	2400	1900
4" 102						5600	2900	2400
4 1/2 114						7900		3500
5" 127						8400		4900
5 1/2 140								14000
6" 152								14500
Order ex./Best. ex.: Hexagon socket head cap screws/Zylinderschrauben mit Innensechskant 12.9 No 2 UNC x 3/16 Article ex./Artikelnr ex.: 4762U12N02005								

Box quantity/Verpackung

Pcs/St	No2	No5	No6	No8	No10	1/4	5/16	3/8
200	4,8-16	6,4-19	4,8-19	6,4-38	6,4-51	6,4-76	9,5-51	9,5-38
100						83-114	57-89	45-76
50						127	102	83-152

Hexagon socket head cap screws/ Zylinderschrauben mit Innensechskant

UNC-Thread/Gewinde
ANSI B 18.3-1960 serie
Steel/Stahl ~12.9 (ASTM A574)



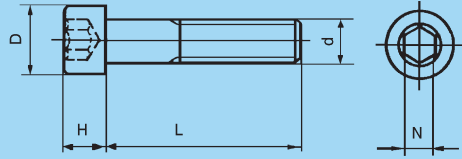
d	7/16	1/2	5/8	3/4	7/8	1"	1 1/4	1 1/2
D	16,7	19,0	23,8	28,6	33,3	38,1	47,6	57,2
H	11,1	12,7	15,9	19,0	22,2	25,4	31,8	38,1
N	3/8	3/8	1/2	5/8	3/4	3/4	7/8	1"
L	Price/Preis €/1000 pcs/St							
3/4 19	1600	3900	3800					
7/8 22		1900						
1" 25	1400	1290	2900					
1 1/4 32	1850	1450	2950	5900				
1 1/2 38	2100	1600	3400	5900		39000		
1 3/4 45	2500	1813	3500	6600	49000	29000		
2" 51	3600	1888	3900	6800	18000	18000		
2 1/4 57	3900	2250	3950	7400	18500	19000		
2 1/2 64	4500	2300	4500	7500	19000	19500		
2 3/4 70	4900	2790	5100	7800	21000	19600		
3" 76	5200	2800	5300	8500	24000	19700	67000	
3 1/4 83	6900	3038	5600	8900	29000			
3 1/2 89	7300	3463	5900	9300	31000	21000	74000	195000
4" 102	7500	3513	6150	9900	35000	27000	79000	
4 1/2 114	7600	3900	6700	12600	38000	28000	85000	
5" 127	9900	5100	8900	14000	39000	29000	96000	
5 1/2 140		9600	9800	15000	41000	35000	108000	
6" 152		9900	11500	16000	44000	36000	110000	240000
6 1/2 165		19900	15000	19000	49000			
7" 178		22000	19000	26000				
8" 203			23200	29000				
Order ex./Best. ex.: Hexagon socket head cap screws/Zylinderschrauben mit Innensechskant 12.9 7/16 UNC x 3/4 Article ex./Artikelnr ex.: 4762U12716019								

Box quantity/Verpackung

Pcs/St	7/16	1/2	5/8	3/4	7/8	1"	1 1/4	1 1/2
100	19-51	19-38						
50	57-114	45-178						
25	127		19-203	32-203				
10					45-152	38-152		
Bulk/ Großverp.					165		76-152	89-152

Hexagon socket head cap screws/ Zylinderschrauben mit Innensechskant

UNC-Thread/Gewinde
ANSI B 18.3-1960 serie
Steel/Stahl Grade 5 ~8.8 Zincl/verz



d	1/4	5/16	3/8	1/2	5/8
D	9,5	11,9	14,3	19	23,8
H	6,4	7,9	9,5	12,7	15,9
N	3/16	1/4	5/16	3/8	1/2
L	Price/Preis €/1000 pcs/St				
1/2 13	301				
5/8 16	350				
3/4 19	390	475			
7/8 22		550	3045		
1" 25		560	3405	6500	7543
1 1/4 32	645	633	3500	4900	19900
1 1/2 38		2865	3900	6800	
1 3/4 45				2900	
2 1/2 64			4600		
2 3/4 70			4700		
3 1/4 83				12200	
3 1/2 89			9900		
4" 102			12500	18600	

Remark. Several articles above is outgoing items why we have to make a reservation for parts out of stock.
Bemerkung. Nur begrenzte Verfügbarkeit

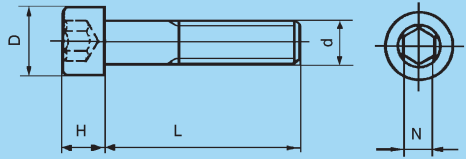
Order ex./Best. ex: Hexagon socket head cap screws/
Zylinderschrauben mit Innensechskant 8.8 Grade 5 1/4 UNC x 1/2 Zincl/verz
Article ex./Artikelnr ex.: 4762U8140131

Box quantity/Verpackung

Pcs/St	1/4	5/16	3/8	1/2	5/8
100	13-32	19-38	22-89		
50			102	25-102	25-32

Hexagon socket head cap screws/ Zylinderschrauben mit Innensechskant

UNF-Thread/Gewinde
ANSI B 18.3-1960 serie
Steel/Stahl ~12.9 (ASTM A574)



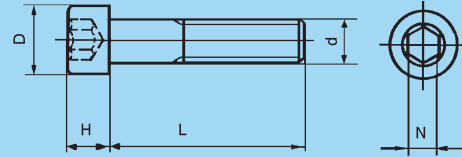
d	No10	1/4	5/16	3/8	7/16	1/2	5/8
D	7,9	9,5	11,9	14,3	16,7	19,0	23,8
H	4,8	6,4	7,9	9,5	11,1	12,7	15,9
N	5/32	3/16	1/4	5/16	3/8	3/8	1/2
L	Price/Preis €/1000 pcs/St						
1/4 6,4	798						
5/16 7,9	950						
3/8 9,5	363	390					
1/2 13	324	320	760	2094			
5/8 16	348	309	820	1610			
3/4 19	329	321	848	1100		4200	
7/8 22	399	428	920	1160			
1" 25	396	374	936	1220	2774	4075	6100
1 1/4 32	448	445	1080	1348	3328	2050	6200
1 1/2 38	544	605	1250	1546	3492	2425	6750
1 3/4 45	826	609	1576	2064	4100	2600	6880
2" 51	720	683	1710	2226	4152	2788	7176
2 1/4 57		988	2080	2550		3000	
2 1/2 64		1088	2810	2640	6950	3188	9200
3" 76				3360		3800	
3 1/4 83				4345			
3 1/2 89				4930		4238	
4" 102						5275	
Order ex./Best. ex.: Hexagon socket head cap screws/Zylinderschrauben mit Innensechskant 12.9 No10 UNF x 1/4 Article ex./Artikelnr ex.: 4762UF12N10006							

Box quantity/Verpackung

Pcs/St	No10	1/4	5/16	3/8	7/16	1/2	5/8
200	6,4-51	9,5-64	13-64	13-38			
100				45-76	25-51	19-38	
50				83-89	64	45-102	25-45
25							51-64

Socket cap screw/Zylinderschrauben mit Innensechskant

Whitworth
BS 2470
Steel/Stahl ~12.9



d	1/2
D	19,0
H	12,7
N	3/8
L	Price/Preis €/1000 pcs/St
1/2 13	3001
5/8 16	2582
3/4 19	3500
7/8 22	3900
1" 25	2975
1 1/4 32	2400
1 1/2 38	2500
1 3/4 45	2800
2" 51	3200
2 1/4 57	3700
2 1/2 64	3900
2 3/4 70	4600
3" 75	5665
3 1/4 83	6500
3 1/2 89	6900
4" 102	7500
4 1/2 114	8700
5" 127	9500
5 1/2 140	11550
6" 152	12750
6 1/2 165	44975
7" 178	45900
8" 203	53525
<p>Order ex./Best. ex.: Socket cap screw/Zylinderschrauben mit Innensechskant Whitworth 12.9 W-Thread/W-Gewinde 1/2 x 1/2 Article ex./Artikelnr ex.: 4762W1212013</p>	

Box quantity/Verpackung

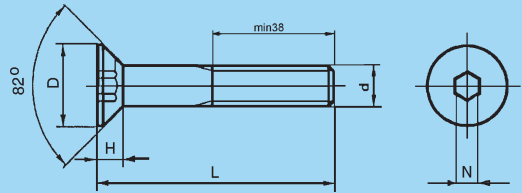
Pcs/St	1/2
100	13-38
50	45-102
25	114-203

Hex socket cap sunk head screws/ Senkschrauben mit Innensechskant

UNC-Thread/Gewinde

ANSI B 18.3

Steel/Stahl ~10.9 Plain/unbeh



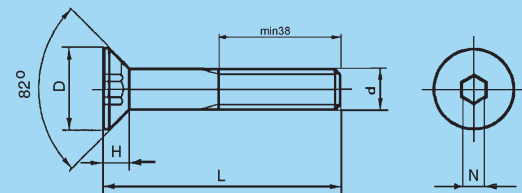
d	No8	No10	1/4	5/16	3/8	1/2	5/8	3/4
D	9,1	9,1	12,2	15,2	18,3	22,2	28,2	34,4
H	2,84	3,2	4,1	5,0	5,9	6,4	8,2	10,0
N	3/32	1/8	5/32	3/16	7/32	5/16	3/8	1/2
L	Price/Preis €/1000 pcs/St							
3/8	755	890	490					
1/2	780	883	423	590				
5/8	1550	1010	389	590	790			
3/4	1585	838	433	570	665	4500		
7/8				650	1625			
1"	1415		491	653	700	1313	4900	
1 1/4			650	1035	780	1538	4138	17400
1 1/2			668	1250	898	1700	3788	8775
1 3/4			750	1400	990	1850	4525	10725
2"			1188	1575	1938	2463	4525	9800
2 1/4					1900	3300		
2 1/2				1600	1990	3313	8313	9125
3"					2900	3650	9288	8375
3 1/4							10648	
3 1/2							14301	9375
4"								19000
6"								54750
Order ex./Best. ex.: Hex socket cap sunk head screws/Senkschrauben mit Innensechskant 10.9 No8 x 3/8 Plain/unbeh Article ex./Artikelnr ex.: 7991U10N08010								

Hex socket cap sunk head screws/ Senkschrauben mit Innensechskant

UNF-Thread/Gewinde

ANSI B 18.3

Steel/Stahl ~10.9 Plain/unbeh



d	No10	1/4	5/16	3/8	1/2	5/8
D	9,1	1,2	15,2	18,3	22,2	28,2
H	3,2	4,1	5,0	5,9	6,4	8,2
N	1/8	5/32	3/16	7/32	5/16	3/8
L	Price/Preis €/1000 pcs/St					
3/8	773					
1/2	720	756	738			
5/8	1010	683		785	4975	
3/4	1125	565	670	785	4975	
1"	1295	631	773	920	2013	
1 1/4	1690	1905	930	1068	1988	7738
1 1/2		1149	1045	1230	2138	
1 3/4				3495	2363	
2"			2900		3013	19600
Order ex./Best. ex.: Hex socket cap sunk head screws/Senkschrauben mit Innensechskant 10.9 No10 UNF x 3/8 Article ex./Artikelnr ex.: 7991UF10N10010						

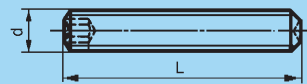
Box quantity/Verpackung

Pcs/St	No8	No10	1/4	5/16	3/8	1/2	5/8	3/4
200	3/8-1"	3/8-1 1/4"	3/8-2"	1/2-1 3/4"	5/8-1 1/2"			
100				2"-2 1/2"	1 3/4-2"	3/4-1 3/4"		
50					2 1/2-3"	2"-2 1/2"		
25						3"	1"-3 1/2"	1 1/4-6"

Hex socket sets with cup point/Gewindestifte mit Innensechskant und Ringschneide

UNC-Thread/Gewinde
ANSI B 18.3

Steel/Stahl HRC 45-53 Plain/unbeh



d	No4	No6	No8	No10	1/4	5/16	3/8	1/2	5/8	3/4
N	1/20	1/16	5/64	3/32	1/8	5/32	3/16	1/4	5/16	3/8
L	Price/Preis €/1000 pcs/St									
1/8	438	350	476							
3/16	398	336	380	438						
1/4	398	394	380	454	436	688				
5/16	598		430		540	468	605			
3/8	820	550	540	500	406	492	452			
1/2	904	658	798	574	442	556	676	1400		
5/8		1300	852		832	812	956	1560	2460	3675
3/4		1390	950	954	870	1152	824	1720	2460	3840
7/8						1900	1900	2400		
1"			1100	1520	918	1032	1012	2540	3038	4523
1 1/4					3560	1950	1496	2780		5258
1 1/2					4200	2200	1636	3240	4500	
1 3/4									4650	
2"						2400	3008	4100	5108	7746
2 1/2									6105	
Order ex./Best. ex.: Hex socket sets cup point/ Gewindestifte mit Innensechskant und Ringschneide Steel/Stahl No4 x 1/8 Plain/unbeh Article ex./Artikelnr ex.: 916U04003										

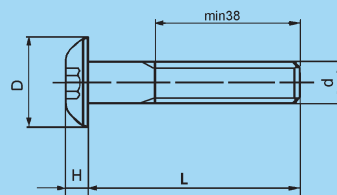
Box quantity/Verpackung

Pcs/St	No4	No6	No8	No10	1/4	5/16	3/8	1/2	5/8	3/4
200	1/8-1/2	1/8-3/4	1/8-1"	3/16-1"	1/4-1 1/2					
100						1/4-2"	5/16-1 1/2	1/2-1 1/2	5/8-2"	
50							2"	2"	2 1/2	5/8-1 1/4
25										2"

Socket button head screws/Flanschkopfschrauben mit Innensechskant

UNC-Thread/Gewinde
BS 2470 ANSI B 13.3

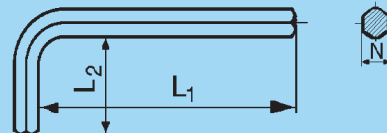
Steel/Stahl ~10.9 Plain/unbeh



d	No4	No6	No8	No10	1/4	5/16	3/8	1/2	Box quantity/ Verpackung
D	5,4	6,7	7,9	9,2	11,1	13,9	16,7	22,2	
H	1,5	1,9	2,2	2,6	3,4	4,2	5,1	6,7	
N	1/16	5/64	3/32	1/8	5/32	3/16	7/32	5/16	
L	Price/Preis €/1000 pcs/St								200 ST
1/4	1098	795	875	925					
3/8	858	795	875	738	688				
1/2		815	903	728	688	1225	1275		
5/8				1165	703	1365	1700		
3/4				1308	740	1350	1440		
7/8						1945			
1"				1323	938	1540	1845	4050	
1 1/4							1770	4450	
1 1/2						1990		5425	
Order ex./Best. ex.: Socket button head screws/Flanschkopfschrauben mit Innensechskant 10.9 No4 x 1/4 Article ex./Artikelnr ex.: 7380U10N04006									

Allen key/ Innensechskantschlüssel

Norm BS 2470
Steel/Stahl Hardened/gehärtet



Kw/Sw	Dimensions/ Dimension			Box quantity/ Verpackung		Price/Preis €/1000 pcs/St	
	L1		L2	Short KW/ Kurze SW	Long KW/ Lange SW	Short KW/Kurze SW	Long KW/Lange SW
	Short/Kurze	Long/Lange		Plain/unbeh		Plain/unbeh	
1/16	44	76	13,5	100	100	640	1028
5/64	47	81	13,5	100	100	630	1045
3/32	51	86	16,5	100	100	653	1073
7/64	54	91	18	100	100	1040	1938
1/8	57	95	19	100	100	735	1265
9/64	60	100	20	100	100	1428	2253
5/32	64	102	21,5	100	100	955	1713
3/16	70	114	24	100	100	1395	2405
7/32	76	124	26	50	50	1918	3378
1/4	83	133	29	50	50	2348	4065
5/16	95	152	32	50	50	4018	6773
3/8	108	171	35	25	10	5785	10730
7/16	121	190	38	25	10	15075	24660
1/2	133	210	41	25	10	12500	22475
9/16	146	229	45	25	10	17925	29600
5/8	159	248	48	10	1	24650	40800
3/4	184	286	54	10	1	36775	57900
7/8	210	324	60	1	1	128050	202300
1"	235	362	67	1	1	195050	343350

Order ex./Best. ex.: Allen key/Innensechskantschlüssel KW/SW 1/16 Short/kurze
Allen key/Innensechskantschlüssel KW/SW 1/16 Long/lange

Article ex./Artikelnr ex.: 911U116
911UL116

Allen key/Innensechskantschlüssel DIN 911

BS 4168 Part 9/Teile 9 ISO 2936
Steel/Stahl HRC 47-54



Kw/Sw	Dimensions/ Dimension			Box quantity/ Verpackung		Price/Preis €/1000 pcs/St		
	L1		L2	Short KW/ Kurze SW	Long KW/ Lange SW	Short KW/Kurze SW		Long KW/Lange SW
N	Short/Kurze	Long/Lange				Plain/unbeh	Zincpl/verz	Plain/unbeh
0,7	32	64	6	100		798		
0,9	32	64	10	100		735		
1,3	40	80	12	100		640		
1,5	45	90	14	100	100	195		960
2	50	100	16	100	100	160	290	910
2,5	56	112	18	100	100	170	300	1035
3	63	126	20	100	100	180	310	1150
4	70	140	25	100	100	250	360	1680
5	80	160	28	100	100	410	490	2710
6	90	180	32	50	50	507	590	3423
7	95		34	50		1865		
8	100	200	36	50	50	1174	1700	6105
10	112	224	40	25	10	2400	2900	8645
12	125	250	45	25	10	4100		19000
14	140	280	56	25	10	6200	7500	27350
17	160	320	63	10	1	19000		47425
19	180	360	70	10	1	37000		63400
22	200	400	80	1		54000		
24	224	448	90	1		96000		
27	250	500	100	1		98000		
32	315	630	125	1		350000		
36	355	710	140	1		390000		

Order ex./Best. ex.: Allen key/Innensechskantschlüssel DIN 911 KW/SW 0,7 Plain/unbeh
Allen key/Innensechskantschlüssel DIN 911 KW/SW 1,5 Long/lange Plain/unbeh
Article ex./Artikelnr ex.: 911071
911L0015