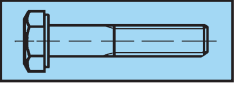
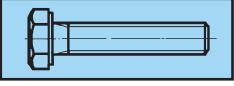


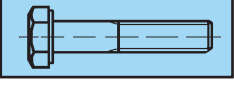

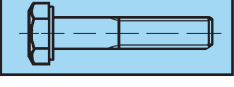
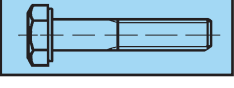

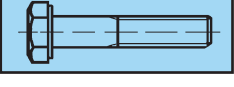



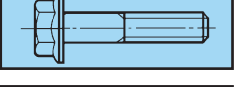


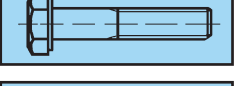
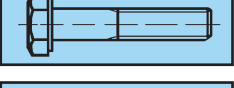




Hexagon Head Bolts & sets/Sechskantschrauben

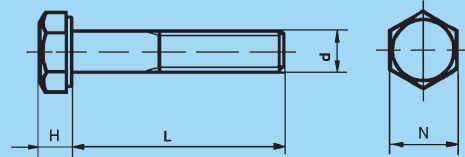


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DIN 933/931

Thread length/Gewinde
 $\geq 2 \times d + 6 \text{ mm}$ for/für
 $L \leq 125 \text{ mm}$



Steel/Stahl 8.8
 Plain/unbeh

d	M3	M4	M5	M6	M7	M8	M10	M12	M14	M16
N	5,5	7	8	10	11	13	17	19	22	24
H	2	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8	10
L	Price/Preis €/1000 pcs/St									
5	421									
6	142	189	285	490						
8	129	182	99	148		540				
10	168	182	99	84		258	1466			
12	176	202	101	56	518	119	748	2340		
14	204	202	113	95		233	460	2650		
16	200	202	101	62	398	93	268	628	1456	4951
18	231	215	118	118		183	330	668		
20	480	208	108	72	420	139	212	350	1546	1175
22		249	126	123		147	295	580		
25	485	408	126	72	488	140	226	360	1478	1175
30	490	415	202	114	600	167	238	391	1867	858
35	500	448	224	118	600	193	349	431	1995	985
40	520	473	237	140	660	195	412	440	1995	990
45	2180	488	242	207	720	254	420	579	2050	1043
50	2205	535	273	214	780	276	452	649	2050	1121
55		1110	310	248	840	378	552	740	2100	1200
60		1270	313	283	1080	400	560	748	2100	1290
65			470	350		448	567	800	2200	1400
70		2500	485	370		480	688	921	2200	1495
75			675	395		530	750	930	2300	1550
80			613	438		555	784	933	2300	1553
90				725		705	864	1255	3065	1701
100				870		770	953	1290	3300	2280
110				1090		780	1200	1535	3675	2600
120				1165		1080	1225	1735	4165	2900
130						1500	1405	1760	5110	2950
140						1600	1645	1895	5200	3425
150						1862	2750	2230	6125	4100
160						1967	2800	2950	6720	4500
170							2300	3100		9200
180							2400	3200	7840	4750
190							2563			9900
200							2900	3675	5100	9275
210								6500		
220								6965	7630	12390
									12390	7500

Order ex./Best. ex.: M6S 8.8 M3 x 5 Plain/unbeh
 Article ex./Artikel ex.: 933803005

M3 Only fully threaded/Nur Ganzgewinde

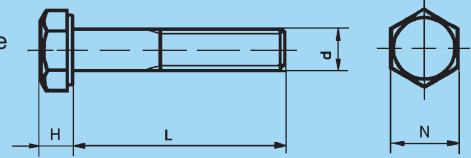
Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M7	M8	M10	M12	M14	M16
500	20-40									
200	5-18	6-60	6-80	6-120	12-60	8-65	10-35			
100	45-50	70				70-150	40-80	12-50		
50						160-200	90-200	55-80	16-65	16-35
25							210-220	90-220	70-220	40-220

DIN 933/931

Steel/Stahl 8.8
Plain/unbeh

Thread length/Gewinde
≤ 2 x d + 6 mm for/für
L ≤ 125 mm



d	M18	M20	M22	M24	M27	M30	M33	M36	M42	M48
N	27	30	32	36	41	46	50	55	65	75
H	11,5	12,5	14	15	17	18,7	21	22,5	26	30
L	Price/Preis €/1000 pcs/St									
25	2950	3150								
30	2950	2265		10800						
35	3025	2575		5900						
40	3000	2120	4375	3950	19800	22440				
45	3150	2180	5775	4175		22440				
50	3200	2395	5550	3950	17055	22440		35850		
55	3525	2490	6450	4225		22440		35850		
60	3800	2500	5850	4225	9975	11900	22000	19800		
65	3875	2700	7600	4925	12450	14200		21850		
70	3950	2875	7600	4800	10600	14650	22000	21850	84150	
75	4200	2975	7700	5425		15000	29000	23000		
80	4025	3050	7700	5200	10650	10850	17750	23000	86625	
90	4325	3325	7800	5475	11850	12000	18900	23250	89925	
100	4775	3700	7850	5925	11900	12800	19000	24000	94050	99000
110	5675	4775	7900	6725	11950	13450	20600	25100		
120	5700	4800	8525	7350	12000	13800	21900	25200	80325	119000
130	5975	5050	9400	8100	12850	17750	22750	26500	84375	
140	7300	5275	10750	8200	13950	17800	22800	26650	87750	130000
150	7650	5850	11200	9900	14000	21750	25850	31500	93150	135000
160	8275	7000	11300	10250	14100	21800	27000	31600	95175	140000
170		9500		16000	19000	29000	49000	32000	98000	190000
180	11200	8325	18050	11400	14200	22000	44800	32000	105300	160000
190		12000		19600	23500	29500	52000	49000		
200	15700	10000	18100	13950	17950	22900	47600	33600	112725	165000
210		14000		19900		32000		59000		
220	19000	12000	18850	15200	18000	23600	59925	36000	128925	192000

Order ex./Best. ex.: M6S 8.8 M18 x 25 Plain/unbeh
Article ex./Artikel ex.: 933818025

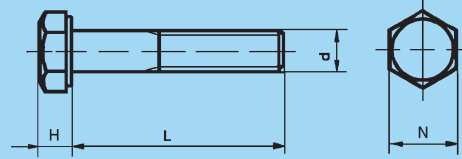
Box quantity/Verpackung

Pcs/St	M18	M20	M22	M24	M27	M30	M33	M36	M42	M48
50	25-50									
25	55-200	25-150	40-90	30-80						
10	220	160-210	100-200	90-200		40-110				
5						120-150				
Bulk/ Gross- verp.		220	220	210-220	40-220	40-220	60-220	50-220	70-220	100-220

DIN 931

Steel/Stahl 8.8
Plain/unbeh

Thread length/Gewinde
≤ 2 x d + 6 mm for/für
L ≤ 125 mm



d	M12	M14	M16	M18	M20	M22	M24	M27	M30	M36
N	19	22	24	27	30	32	36	41	46	55
H	7,5	8,8	10	11,5	12,5	14	15	17	18,7	22,5
L	Price/Preis €/1000 pcs/St									
230			14850		29550		39510			75000
240	12420	20500	16750	23300	17250	42000	35000	47000	52000	75700
250	13680		16785		32520		37000	49500	57000	80000
260	13680	20900	17700	23500	26100	44500	37500	49500	58000	81000
280	14940	25200	18650	33300	30100	46500	38000	58400	67200	91800
300	15000	25500	22800	35200	36000	50600	45500	66100	75900	94900
320	23580		27900		36700		48600		96000	129000
340	25950		27950		42500	118935	54000		97100	133200
350					51285		57000		97500	
360	29085		40600		42500	121845	57000		97600	144300
380			40800		54800	124875	63200		111000	159000
400	39300	104700	41000		58100	127845	65600	109020	111100	168000
420			48000		59220		89000	115740	130000	198000
440			48600		73335	133860	95400		140000	207200
460			73800		91400	136755	95700		143700	208000
480					91600		98000:-		151000	
500			98100		92200		98700	158600	153000	240000

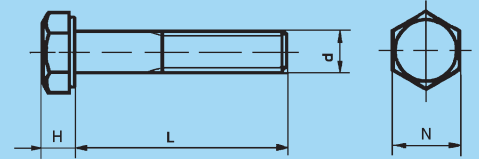
Order ex./Best. ex.: M6S 8.8 M12 x 240 Plain/unbeh
Article ex./Artikel ex.: 931812240

Box quantity/Verpackung

Pcs/St	M12	M14	M16	M18	M20	M22	M24	M27	M30	M36
25	240-400	240-400	230-240							
10			250-300	240-300						
Bulk/ Gross- verp.			320-500		230-500	240-460	230-500	240-500	240-500	230-500

DIN 933/931

Thread length/Gewinde
 $\leq 2 \times d + 6$ mm for/für
 $L \leq 125$ mm



Steel/Stahl 8.8
 Zincpl/verz

d	M3	M4	M5	M6	M7	M8	M10	M12	M14	M16
N	5,5	7	8	10	11	13	17	19	22	24
H	2	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8	10
L	Price/Preis €/1000 pcs/St									
5	368									
6	164	180	198	291						
8	162	52	78	76		256				
10	164	54	54	59		163	990			
12	172	54	54	49	970	95	380	1900		
14	191	98	67	52		110	245	2700		
16	210	55	54	59	450	89	190	319	3900	4900
18		121	72	76		136	390	860		
20	390	62	55	59	450	96	173	290	1400	820
22		119	85	85		124	274	620		
25	450	160	59	65	490	98	185	295	646	627
30	460	180	74	75	495	124	212	299	676	680
35	470	212	83	85	550	146	229	322	610	690
40	490	290	85	86	590	161	257	369	610	719
45	1200	295	124	98	680	186	308	440	756	780
50	1762	298	129	113	690	194	315	442	756	825
55		700	199	150	780	230	410	575	880	1100
60		750	225	159	855	235	417	579	890	1150
65		790	290	168		265	430	590	1150	1190
70		1290	290	190	890	275	448	595	1150	1200
75			450	226		285	493	650	1400	1250
80			450	270	990	296	493	690	1600	1300
90			1200	349		371	589	750	1750	1350
100			1900	390		390	595	790	1800	1455
110			2000	495		559	683	990	2200	1679
120			2400	590		623	695	1080	2300	1940
130				690		813	861	1200	2500	2400
140				1990		950	1090	1280	3600	2450
150				2900		990	1200	1370	3900	2900
160						1900	1950	1900	4600	3600
170						3500	2300	3800		5500
180						1950	2800	3600	6500	3900
200			6900			3900	3200	4500	9900	6200
210						4200		9000		8700
220							5700	5600	11000	8700

Order ex./Best. ex.: M6S 8.8 M3 x 5 Zincpl/verz
 Article ex./Artikel ex.: 9338030051

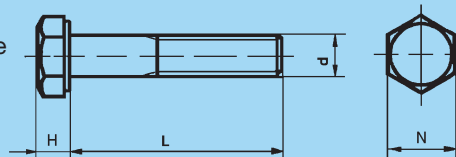
M3 Only fully threaded/Nur Ganzgewinde

Box quantity/Verpackung

Pcs/St	M3	M4	M5	M6	M7	M8	M10	M12	M14	M16
500	20-40									
200	5-16	6-70	6-80	6-130	12-80	8-65	10-35			
100	45-50		90-120	140-150		70-150	40-80	12-50		
50						160-210	90-200	55-80	16-65	16-35
25							220	90-220	70-220	40-220
Bulk/ Gross- verp.				200						

DIN 933/931

Thread length/Gewinde
 $\leq 2 \times d + 6$ mm for/für
 $L \leq 125$ mm



Steel/Stahl 8.8
 Zincpl/verz

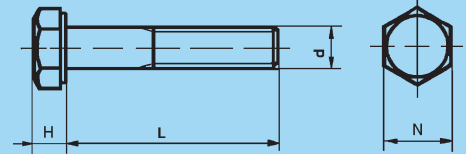
d	M18	M20	M22	M24	M27	M30	M33	M36	M42	M48
N	27	30	32	36	41	46	50	55	65	75
H	11,5	12,5	14	15	17	18,7	21	22,5	26	30
L	Price/Preis €/1000 pcs/St									
25	5100	4300								
30	5100	3025								
35	5100	2250		4050						
40	3825	1500	7800	3450	16500	24750				
45	3925	1600	7050	3450		24900				
50	4075	1500	7500	3200	19050	25350		31500		
55	4325	1600	8250	3835	18000	25500		31500		
60	4750	1650	8400	3900	17550	21000	27600	33900		
65	4800	1915	9450	4740	17700	22800		34050		
70	4800	2100	9600	4800	21600	22800	30300	35250	63000	
75	5325	2300	9750	5200	19900	24300	31500	36000		
80	5325	2350	10650	5900	16350	24450	31350	38000	64500	
90	5750	2400	10650	6000	17850	25650	31350	39000	66000	
100	6350	2550	11700	6100	19200	28350	35100	42450	88950	103500
110	7450	3050	12600	7600	21000	30150	37200	44850		
120	7500	3150	13350	7700	22350	31650	39000	47250	89000	105000
130	8700	3865	14400	8100	23100	33300	40950;-	50700	93600	
140	9600	4150	15300	8200	23850	35100	43050	52650	94500	134550
150	10650	4700	16650	8500	24750	36000	44550	54600	103350	146250
160	11850	5700	18600	9200	25500	38100	52650	60450	107250	146250
170	17700	7900		14000		39000				
180	15000	6500	22950	10500	27000	40950	54600	65250	118050	157950
190		10800		10900		43050	55500			
200	20250	10800	28350	10900	31650	43350	56550	65500	124800	165750
210										
220		14000	31950	12600	40500	47100	58500	66000	129000	180000
Order ex./Best. ex.: M6S 8.8 M18 x 25 Zincpl/verz Article ex./Artikel ex.: 9338180251										

Box quantity/Verpackung

Pcs/St	M18	M20	M22	M24	M27	M30	M33	M36	M42	M48
50	25-50									
25	55-200	25-150	40-90	35-80						
10		160-200	100-200	90-220						
Bulk/ Gross- verp.		220	220		40-220	40-220	60-220	50-220	70-220	100-220

DIN 931

Thread length/Gewinde
 $\leq 2 \times d + 6$ mm for/für
 $L \leq 125$ mm



Steel/Stahl 8.8
Zincpl/verz

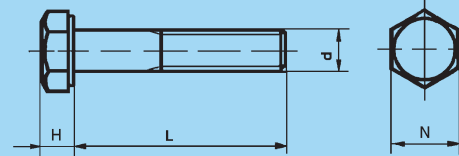
d	M12	M14	M16	M18	M20	M22	M24	M27	M30	M36
N	19	22	24	27	30	32	36	41	46	55
H	7,5	8,8	10	11,5	12,5	14	15	17	18,7	22,5
L	Price/Preis €/1000 pcs/St									
230			17265		33405		45135			95100
240	13815	21000	17370	39400	18000	53260	47280	54480	67050	95595
250	15100	21400	19410		36675		48000		85020	99500
260	15195	21500	19500	43360	36840	65440	48885	58755	73965	100935
280	16560	27140	26055	49320	41625	73000	56880	63030	74655	106215
300	18060	29160	29145	56620	47415	80640	62610	71595	78120	111240
320	31440		32640		50295		74940		102800	135720
340			39360		53760	158000	76280		105120	140955
350					68380		79560		112400	
360			44280		68380	162000	79560		112400	146490
380			54120		73340		84520		119840	159590
400	52400	139600	61500		76780	170000	90900		132080	170000
420			68900		78960		97540		137120	199000
440			78700		97780	178000	104680		161520	210000
460			98400		98800	182000	111480		182880	211000
480					99800		118620		216400	
500			118000		100800		126520		233680	245000
Order ex./Best. ex.: M6S 8.8 M12 x 240 Zincpl/verz Article ex./Artikel ex.: 9318122401										

Box quantity/Verpackung

Pcs/St	M12	M14	M16	M18	M20	M22	M24	M27	M30	M36
25	240-400	240-400	230-240							
10			250-500	240-300						
Bulk/ Gross- verp.					230-500	240-460	230-500	240-300	240-500	230-500

DIN 933/931

Thread length/Gewinde
 $\leq 2 \times d + 6 \text{ mm}$ for/für
 $L \leq 125 \text{ mm}$



Steel/Stahl 8.8
 Yellowzpl/gelbverz

d	M5	M6	M8	M10	M12	M14	M16
N	8	10	13	17	19	22	24
H	3,5	4	5,3	6,4	7,5	8,8	10
L	Price/Preis €/1000 pcs/St						
10	69	95	190				
12	69	95	145				
14	69		190	289			
16	63	95	146		420		
18			195				
20	100	96	149	349	420		
22		98	165				
25	115	110	170	350	390	1900	1598
30		188	190	360	450	1900	1598
35		191	250	387	470	1900	2000
40		195	260	407	490	1900	1990
45		207	290	490	550		2100
50		350	360	563	650	1950	2100
55		360	370	690	845		2200
60		370	371	823	845	2000	2300
65				890	940		2400
70		490	495	890	950		2500
75		530	540	900	980	2100	
80		560	590	936	980	2100	2600
90			610	950	1100	2195	2900
100		590	630	990	1200	2400	3100
110			1900	1050	1400	2900	4300
120			2100	1100	1600		4400
130				1700	1900		
140			2900	1900	2500		4500
150				2300			
160				2500			

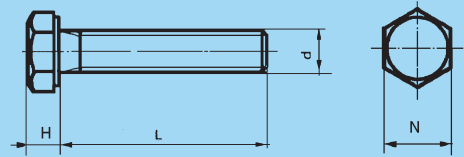
Order ex./Best. ex.: M6S 8.8 M5 x 14 Yellowzpl/gelbverz
 Article ex./Artikel ex.: 9338050143

Box quantity/Verpackung

Pcs/St	M5	M6	M8	M10	M12	M14	M16
200	10-25	10-100	10-60	14-35			
100			70-100	40-80	16-50		
50			110-140	90-160	55-80	25-60	25-35
25					90-140	80-110	40-140

DIN 933

Steel/Stahl 8.8
Plain/unbeh



d	M4	M5	M6	M7	M8	M10	M12	M14
N	7	8	10	11	13	17	19	22
H	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8
L	Price/Preis €/1000 pcs/St							
25	227							
30	250	193	120	395				
35	261	195	134	440	213			
40	278	199	148	479	233	356		
45	280	214	217	512	286	426	574	
50	335	236	220	597	333	446	612	1875
55			383		468	615	772	2175
60		290	432		500	665	825	2175
65			558		689	1022	1242	2415
70			698		861	1022	1242	2415
75			827		1035	1152	1418	3000
80			827		1035	1440	1785	3000
90			1475		1221	1725	2145	4245
100			2280		1407	2040	2385	4890
110					1815	2775	3660	8895
120					1890	2850	3720	8900
130						3795	4455	
140						3945	4620	
150						4335	5010	
160							9705	
180							11850	
200							14310	

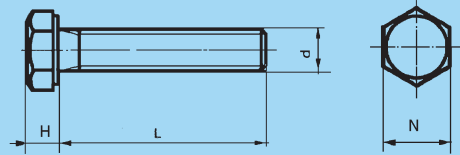
Order ex./Best. ex.: M6S 8.8 M4 x 25 Full threaded/Ganzgewinde Plain/unbeh
Article ex./Artikel ex.: 933804025

Box quantity/Verpackung

Pcs/St	M4	M5	M6	M7	M8	M10	M12	M14
200	25-50	30-60	30-80	30-50	35-65			
100			90-100		70-120	40-80	45-50	
50						90-150	55-80	50-65
25							90-200	70-120

DIN 933

Steel/Stahl 8.8
Plain/unbeh



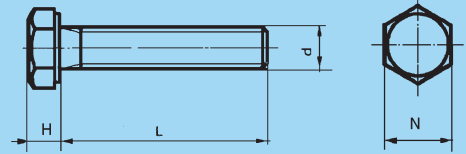
d	M16	M18	M20	M22	M24	M27	M30	M33	M36
N	24	27	30	32	36	41	46	50	55
H	10	11,5	12,5	14	15	17	18,7	21	22,5
L	Price/Preis €/1000 pcs/St								
55	1405								
60	1474	4890							
65	2100	5235	2580						
70	2100	5235	2655	11010					
75	2490	6075	3390	12015	5970				
80	3105	6075	3285	12015	5550				
90	4050	7845	4920	12015	8460	19695	27030		
100	4635	7845	7005	15000	11415	20985	27915	37050	
110	6120	10275	7770	18090	13320		29550	40515	46695
120	6585	10275	8595	18090	13815	26910	31260	40515	48015
130	6855	17835	11130		23625	27165	33840	48420	51450
140	7245	19275	12855		25080	33840	35160	52395	52965
150	8160	20715	14700		26400	35655	36480	55350	55955
160	13485		16005		27855	39690	40695	61545	58305
180	15255		24570		30945		44520		
200	18345		26775		35985		47550		
<p>Order ex./Best. ex.: M6S 8.8 M16 x 55 Full threaded/Ganzgewinde Plain/unbeh Article ex./Artikel ex.: 933816055</p>									

Box quantity/Verpackung

Pcs/St	M16	M18	M20	M22	M24	M27	M30	M33	M36
25	55-200	60-150	65-150	70-90	75-80				
10			160-200	100-120	90-200				
Bulk/ Gross- verp.							90-160	90-200	100-160 110-160

DIN 933

Steel/Stahl 8.8
Zincpl/verz



d	M4	M5	M6	M7	M8	M10	M12	M14
N	7	8	10	11	13	17	19	22
H	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8
L	Price/Preis €/1000 pcs/St							
20								
25	245							
30	269	160	90	464				
35	291	161	174	565	148			
40	311	213	191	565	189	241		
45	315	246	264	650	230	348	423	
50	320	272	272	750	249	369	485	2370
55		403	458		490	465	585	2685
60	390	411	512		490	535	590	2715
65			643		695	550	930	2985
70		1215	788		695	580	935	3015
75		3255	923		950	690	950	3630
80		3300	928		695	638	955	3660
90			1590		1150	1600	2640	4965
100		3345	2415		1280	1900	2940	5685
110					2070	3195	4245	6500
120					2160	3300	4365	
130			4206		3345	4275	5130	
140					4125	4440	5340	
150					4980	4875	5775	
160						7350	10515	
180					5900	13755	12750	
200						14940	15375	
220						16200		

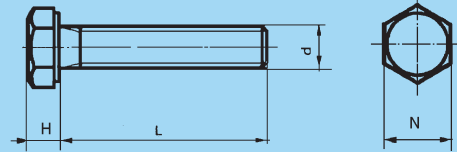
Order ex./Best. ex.: M6S 8.8 M4 x 25 Full threaded/Ganzgewinde Zincpl/verz
Article ex./Artikel ex.: 9338040251

Box quantity/Verpackung

Pcs/St	M4	M5	M6	M7	M8	M10	M12	M14
200	25-60	30-70	30-80	30-50	35-65			
100		75-100	90-130		70-120	40-80	45-50	
50					130-150	90-160	55-80	50-65
25						180-200	90-200	70-110
Bulk/ Gross- verp.					180	220		

DIN 933

Steel/Stahl 8.8
Zincpl/verz



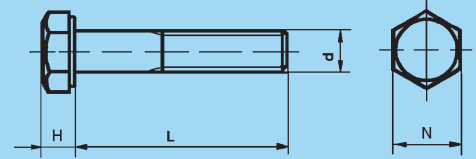
d	M16	M18	M20	M22	M24	M27	M30	M33	M36
N	24	27	30	32	36	41	46	50	55
H	10	11,5	12,5	14	15	17	18,7	21	22,5
L	Price/Preis €/1000 pcs/St								
55	925								
60	980	5835							
65	2700	6240	2200						
70	2800	6285	2050	12675					
75	3200	7185	2300	13770	7620				
80	3300	7245	4200	13845	7275				
85						10815			
90	4200	10460	6525	14010	10920	22995	31305		
100	4500	10460	8745	17160	14040	24525	32475	42780	
110	7100	13700	9645	20400	16155	30000	34410	46605	54165
120	7815	13700	10590	20565	16815	30930	36405	46995	55860
130	8160	23780	13245		26820	31425	39285	55200	59730
140	8640	25700	15105		28455	38355	40890	59550	61680
150	9630	27620	17070		29970	40395	42510	62880	65145
160	15045		18510		31605	44685	46995	69465	67890
180	16965		30330		35055		51435		74970
200	20220		33075		40470		55095		
220	21000		40350						
240			44595		58000		67080		
250									
260			49000						
Order ex./Best. ex.: M6S 8.8 M16 x 55 Full threaded/Ganzgewinde Zincpl/verz Article ex./Artikel ex.: 9338160551									

Box quantity/Verpackung

Pcs/St	M16	M18	M20	M22	M24	M27	M30	M33	M36
25	55-220	60-150	65-150	70-90	75-80				
10			160-260	100-120	85-200				
Bulk/ Gross- verp.					240	90-160	90-240	100-160	110-180

ISO 4017/4014

Steel/Stahl 8.8 Plain/unbeh Zincpl/verz
HDG/ISO-fit/feuerverz



d	M10	M12	M14	M10	M12	M14	M10	M12
N	16	18	21	16	18	21	16	18
H	6,4	7,5	8,8	6,4	7,5	8,8	6,4	7,5
L	Price/Preis €/1000 pcs/St							
	Plain/unbeh			Zincpl/verz			HDG/feuerverz	
12				390				
14				245				
16	630			190	319		304	
20	308	473		173	290	1400	269	459
22				274	620			
25	287	428		185	295	646	274	399
30	318	440		212	299	676	309	414
35	372	483		229	322	610	324	444
40	378	500	600	257	369	610	369	484
45	480	713		308	440	756	484	539
50	488	725	750	315	442	756	490	595
55	599	741		410	575	880	595	805
60	615	750		417	579	890	545	810
65	662	773		430	590	1150	635	825
70	671	775		448	595	1150	640	840
75	741	1025		493	650	1400	705	890
80	780	1020		493	690	1600	710	895
90	843	1155		589	750	1750	745	1045
100	945	1275		595	790	1800	835	1135
110	1900	1470		683	990	2200	1345	1245
120	2310	2010		695	1080	2300	1385	1295
130	2500			861	1200	2500	2190	1725
140	2700			1090	1280	3600	2280	2795
150				1200	1370	3900	2290	2845
160		2890		1950	1900	4600	2345	2945
170				2300	3800			
180				2800	3600	6500	2350	3045
200				3200	4500	9900	2645	3390
220				3900	5600			3945
240					7900			4190
260					8400			
270								
280					9900			
300					11200			

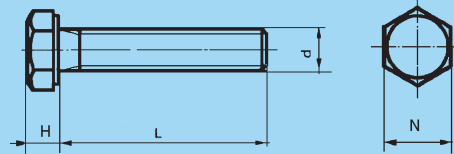
Order ex./Best. ex.: ISO 4017 8.8 M10 x 16 Plain/unbeh
Article ex./Artikel ex.: 4017810016

Box quantity/Verpackung

Pcs/St	M10	M12	M14
200	12-35		
100	40-80	16-50	
50	90-220	55-80	20-65
25		90-300	70-200

ISO 4017

Steel/Stahl 8.8 Plain/unbeh Zincpl/verz
HDG/ISO-fit/feuerverz/



d	M10	M12	M14	M10	M12	M14	M10	M12
N	16	18	21	16	18	21	16	18
H	6,4	7,5	8,8	6,4	7,5	8,8	6,4	7,5
L	Price/Preis €/1000 pcs/St							
	Plain/unbeh		Zincpl/verz			HDG/feuerverz		
45				350			550	
50	370	485		371	490		560	745
55				470	595			
60	535	590	1400	540	600	1600	620	890
65				550	940			
70		900	1600	560	940	1800	690	1000
75					958			
80		940		640	958		990	1270
90				1660	2640			
100		2900		2000	2940		4600	
110					8200			
120				4600	8500			
<p>Order ex./Best. ex.: ISO 4017 8.8 M10 x 50 Plain/unbeh Article ex./Artikel ex.: 4017810050</p>								

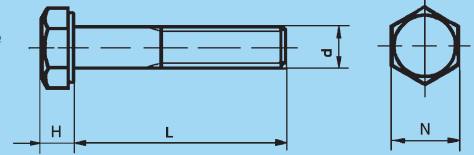
Box quantity/Verpackung

Pcs/St	M10	M12	M14
100	45-80	50	
50	90-120	55-80	60-70
25		90-120	



DIN 933/931

Thread length/Gewinde
 $\leq 2 \times d + 6$ mm for/für
 $L \leq 125$ mm



Steel/Stahl 8.8
 HDG/ISO-fit/feuerverz

d	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
N	10	13	17	19	22	24	27	30	32	36
H	4	5,3	6,4	7,5	8,8	10	11,5	12,5	14	15
L	Price/Preis €/1000 pcs/St									
10	295	250								
12										
14										
16	240	174	304							
20	310	189	269	459		1990				
22		214								
25	320	214	274:-	399		950				
30	325	248	309	414		920		3328		
35	330	340	324	444	915	920		2475		9950
40	335	345	369	484	915	930	4500	1900		4650
45	405	410	445	539	1900	1050	4800	2150		6900
50	405	414	449	595	2400	1050	4950	2150	8325	3700
55	510	419	540	805		1250	7125	2200	9000	4700
60	550	460	545	810		1300	7200	2200	9000	4200
65		530	600	825		1420		2300	11775	4900
70	710	535	605	840	2900	1510	7300	2400	12000	5280
75		540	690	890		1620	7400	2500	12500	6400
80	950	545	695	895	3400	1650	7500	2750	12700	6600
90		585	745	1045		1750	7600	2900	13000	6600
100		625	835	1135		1930	7725	3300	14000	6710
110		1145	1345	1245		2400	8325	3550	14500	8360
120		1285	1385	1295		2800	11775	3900	14850	8470
130		1720	2190	1725		3050	13050	5400	20700	8910
140		1790	2280	2795		3350	14250	5900	22350	9020
150			2290	2845		3650	14925	6400	22500	9350
160			2345	2945		4300		7150	26700	10120
180			3080	3960		5200		9150	32550	11300
200			3520	4950		6400		11880		15200
220				6160		9050		15400		16700
240				15197		18000		19800		52008
260				17900		20000		40524		53774
280				19000		28000		45788		67000
300				23200		30500		52157		68871
320						35000		55325		82434
340				34000		45000		59136		83908
360						46000		75218		87516
380								80674		92972
400						64000		84458		99990

ISO 4017/4014
 Page/Seite 2:12

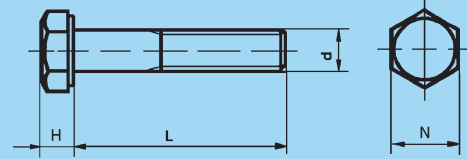
Order ex./Best. ex.: M6S 8.8 M6 x 12 HDG/feuerverz
 Article ex./Artikel ex.: 9338060122

Box quantity/Verpackung

Pcs/St	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
200	12-80	12-65	16-35							
100		70-140	40-80	20-50						
50			90-200	55-80	35-50	20-35	40-50			
25				90-300	70-80	40-220	55-150	30-150	50-90	35-80
10						240-400		160-200	100-180	90-200
Bulk/ Grossverp.				340				220-400		220-400

DIN 933/931

Thread length/Gewinde
 $\leq 2 \times d + 6$ mm for/für
 $L \leq 125$ mm



Steel/Stahl 8.8
 HDG/ISO-fit/feuerverz

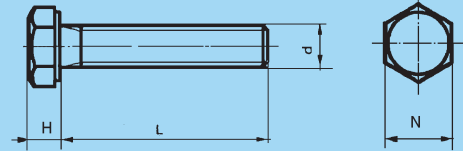
d	M27	M30	M33	M36
N	41	46	50	55
H	17	18,7	21	22,5
L	Price/Preis €/1000 pcs/St			
50	19000			
60	19305	23100		
65		25080		
70	19500	25080		38775
75		26800		39600
80	19600	26895	34485	41800
90	19635	28215		42900
100	21120	31185	38610	46695
110	23100	33165	40920	49335
120	24585	34815	42900	51975
130	25410	36630	45045	55770
140	26235	38610	47355	57915
150	27225	39600	49005	60060
160	28050	41910	57915	66495
180	29700	45045	60060	71775
200	34815	47685	62205	72050
220	44550	51810		72600
240	49000	73755		105155
260	55000	81362		110000
280	59000	82121		
300	61000	85932		
320	64000	113080		140000
340		115632		
360		123640		198000
380		131824		
Order ex./Best. ex.: M6S 8.8 M27 x 50 HDG/feuerverz Article ex./Artikel ex.: 9338270502				

Box quantity/Verpackung

Pcs/St	M27	M30	M33	M36
All dimensions loose packed/Ihre Lösung für alle Abmessungen				

DIN 933

Steel/Stahl 8.8
HDG/ISO-fit/feuerverz



d	M8	M10	M12	M16	M20	M24	M30	M33	M36
N	13	17	19	24	30	36	46	50	55
H	5,3	6,4	7,5	10	12,5	15	18.7	21	22,5
L	Price/Preis €/1000 pcs/St								
35	315								
40	340	369							
45	410	550	539						
50	435	560	745						
55		620	870	1250					
60	515	620	890	1300					
70	750	700	1000	2900	2500				
75		980	4600	3400	2550	8382			
80	885	990	1270	3400	4500	8400			
90	1100			4900	6900	9600	34436		
100	1200		1980	5900	9200	9900	35723	47058	
110		8900		6800	11900	10200			
120			6900		12000	10800	37200	51695	61446
130				12900		11600			65703
140				13200					
150				14100			39000		
160				14800					
200							48000		
Order ex./Best. ex.: M6S 8.8 M8 x 35 HDG/feuerverz Article ex./Artikel ex.: 9338080352									

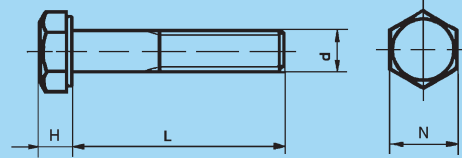
Box quantity/Verpackung

Pcs/St	M8	M10	M12	M16	M20	M24	M30	M33	M36
200	35-60								
100	70-100	40-80	45-50						
50		110	55-80						
25			100-120	55-160	70-120	75-80			
10						90-130			
Bulk/ Gross- verp.							90-200	100-120	120-130



DIN 960/961

Thread length/Gewinde
 $\geq 2 \times d + 6$ mm for/für
 $L \geq 125$ mm



Steel/Stahl 8.8
 Plain/unbeh

d	M8x1	10x1	10x1,25	12x1,25	12x1,5	14x1,5	16x1,5	18x1,5	20x1,5	22x1,5	24x2
N	13	17	17	19	19	22	24	27	30	32	33
H	5,3	6,4	6,4	7,5	7,5	8,8	10	11,5	12,5	14	15
L	Price/Preis €/1000 pcs/St										
16		744									
20	401	698	698	1145	1145	2115	2900				
25	461	744	744	1145	1145	2115	2535				
30	498	791	791	1182	1182	2115	2535	6180			
35	600	884	884	1228	1228	2385	2640		6375		
40	680	1080	1080	1349	1349	2475	2745	6375	6375		
45		1150	1126	1680	1680	2595	2940	6510	6510		
50	900	1200	1200	1725	1725	2955	3015	6615	6615	13500	14250
55			1284		1900	3135	3315		7095		16000
60	1960	1312	1312	1905	1905	3135:-	3570	8100	7095	14400	20250
65					2085	3435	4125		8100		
70			1433	2085	2085	3435	4125	8205	8205		22500
75						4860	4290		8430		23000
80			1605	2310	2310	3945	4290	8430	8430		23000
90			1890	2670	2670	4455	4755	9165	9165		
100			2160	2925		5010	5145	9945	9945		23500
110						5805	6975		11385		
120			3300	4260	4260	6705	7710	11500	12510		24000
130			4125				8205		14000		24500
140			5900		5550	8325	8940				
150							10110		15300		25770
160									30000		

Also available zincplated/
 Einige Abmessungen führen
 wir auch in verzinkter
 Ausführung.

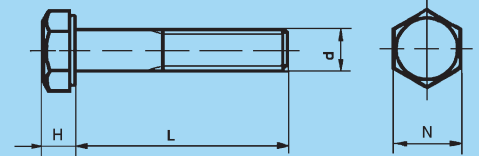
Order ex./Best. ex.: M6S 8.8 M8 x 1 x 20 Plain/unbeh
Article ex./Artikel ex.: 9618081020

Box quantity/Verpackung

Pcs/St	M8x1	10x1	10x1,25	12x1,25	12x1,5	14x1,5	16x1,5	18x1,5	20x1,5	22x1,5	24x2
200	20-35	16-35	20-35								
100	40-60	40-60	40-80	20-50	20-60						
50			90-140	60-80	65-90	20-65	20-35	30-60			
25				90-120	120-140	70-140	40-150	70-120	35-160	50-60	50-80
10											100-150

DIN 960/961

Thread length/Gewinde
 $\geq 2 \times d + 6$ mm for/für
 $L \geq 125$ mm



Steel/Stahl 10.9
Plain/unbeh

d	M8x1	10x1	10x1,25	12x1,25	12x1,5	14x1,5	16x1,5	18x1,5	20x1,5	24x2
N	13	17	17	19	19	22	24	27	30	36
H	5,3	6,5	6,5	7,5	7,5	8,8	10	11,5	12,5	15
L	Price/Preis €/1000 pcs/St									
20	1100	922		1725	1725					
25	1197	981		1590	1590	3165				
30	1200	1036	2265	1680	1680	3030	3465	9705		
35		1115	2370	1770	1770	3120	3465	9855		
40	1250	1174	2520	1860	1860	3270	3765	9960	8415	
45		1500	2550		1995	3405	3825		9030	
50		1530	2600		2235	3390	4245	10905	9195	
55		1575			2235	3390	4455		9625	
60		1650	2650		2355	3510	4710	11865	10035	
65					2430	4080	5175	10515	10860	
70		2565	2700		2685	4080	5415	10515	10860	
75					2970	4455	5910		11610	
80					2970	4455	5910	10515	11775	
85									13110	
90					4335	5985	6105		13110	
100					4785	6285	6510	12675	13695	
110						6990	7995		14280	
120					5985	7590	8600	14835	14790	29000
130							9650		17385	
140						8655	9705	16995	19260	
150							10215	19755	33000	
160						9600	11310		34575	
180								29000	38205	62000
200								34000	48345	64000
220										79000

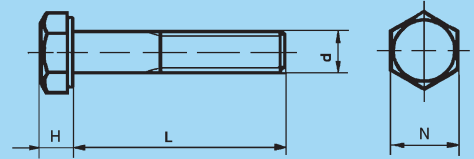
Order ex./Best. ex.: M6S 10.9 M8 x 1 x 20 Plain/unbeh
Article ex./Artikel ex.: 96110081020

Box quantity/Verpackung

Pcs/St	M8x1	10x1	10x1,25	12x1,25	12x1,5	14x1,5	16x1,5	18x1,5	20x1,5	24x1,5
200	20-40	20-35	30-35							
100		40-70	40-70	20-40	20-50					
50					55-80	25-65	30-35	30-50		
25					90-120	70-160	40-160	60-200	40-140	120-220
10									160-200	

ISO 4017/4014

Steel/Stahl 10.9
Plain/unbeh

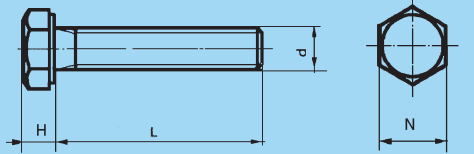


d	M10	M12	M14
N	16	18	21
H	6,4	7,5	8,8
L	Price/Preis €/1000 pcs/St		
20	401	749	
25	427	691	
30	451	730	
35	485	768	
40	575	807	1430
45	614	867	1480
50	665	970	1480
55	683	970	
60	717	1030	1530
65	725	1060	
70	794	1170	
80	880	1300	
90	1060	1480	
100	1210	1630	
110		1930	
120	1900	2150	
130		2560	
140		2920	
150		3240	
180		7240	

Order ex./Best. ex.: ISO 4017 10.9 M10 x 20 Plain/unbeh
Article ex./Artikel ex.: 40171010020

DIN 933

Steel/Stahl 10.9
Plain/unbeh



d	M8	M10	M12	M16	M20	M24
N	13	17	19	24	30	36
H	5,3	6,4	7,5	10	12,5	15
L	Price/Preis €/1000 pcs/St					
35	503					
40	541	767				
45	803	917	1365			
50	870	1030	1425			
55	1134	1695	1995	3000		
60	1134	1695	2145	3000		
65	2835		3465	3345	12480	
70	2835	3960	4410	3345	12765	
75	3465	4575	6030	5040	13050	
80	3465	4575	6030	3615	13125	17070
90	4545	6840	7920	6480	13185	17205
100		8460	9450	9090	13830	17985
110				10530	21600	20100
120				11790	21780	21510
130				16650	25020	28800
140				28000	26640	30675
150					28620	32400

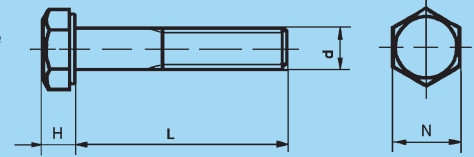
Order ex./Best. ex.: DIN 933 10.9 M8 x 35 Full threaded/Ganzgewinde Plain/unbeh
Article ex./Artikel ex.: 9331008035

Box quantity/Verpackung

Pcs/St	M8	M10	M12	M14	M16	M20	M24
200	35-65	20-35					
100	70-90	40-80	20-50				
50		90-120	55-80	40-60			
25			90-180		55-140	65-150	80
10							90-150

DIN 933/931

Thread length/Gewinde
 $\geq 2 \times d + 6$ mm for/für
 $L \geq 125$ mm



Steel/Stahl 10.9
 Plain/unbeh

d	M6	M8	M10	M12	M14	M16	M20	M24	M27	M30	M36
N	10	13	17	19	22	24	30	36	41	46	55
H	4	5,3	6,4	7,5	8,8	10	12,5	15	17	18,7	22,5
L	Price/Preis €/1000 pcs/St										
10	308	990									
12	239	315									
14		990									
16	212	225	459	999							
18	290	453									
20	222	243	401	749							
22		268	495								
25	229	284	427	691	1380	1510					
30	240	285	451	730	1320	1510					
35	245	371	485	768	1360	1510					
40	250	401	575	807	1430	1640	3670	10500		15660	
45	271	451	614	867	1480	1670	3930			15660	
50	301	459	665	970	1480	1850	4010	10630	14340	15660	27870
55	333	459	683	970	1480	1940	4150	10630	14340	15660	
60	358	481	717	1030	1530	2050	4370	10630	14340	16450	27970
65	434	541	725	1060	1780	2260	4630	10770	14530	16880	
70	434	584	794	1170	1780	2360	4730	11050	14900	17160	28490
75		730	871	1300	1940	2560	5060	11240	15190	17440	
80	960	730	880	1300:-	1940	2580	5140	11660	15370	17720	29760
90	1640	811	1060	1480	2190	2660	5720	13310	16830	20120	30840
100	1760	933	1210	1630	2300	2840	5970	14150	17680	20590	32250
110		1140	1500	1930	2710	3440	6230	15230	18430	21110	31310
120		1260	1670	2150	3080	3440	6440	15560	19130	22710	33420
130		2020	2190	2560	3820	3890	7570	16270	19980	23930	35300
140		2410	2360	2920	4100	4140	8370	16970	21010	25340	37460
150			2680	3240	4450	7390	9210	17680	21950	26280	39340
160			6440	6440	8560	8560	13120	18430	23220	27310	41270
170						9360	13450	18900		29900	
180			7240	7240	9780	9780	14150	19460	25570	30080	45310
190							14860	19980			
200				7670		10340	15230	20540	27970	32480	49260
210							18480	24260	30000		
220				8230		11100	15840	21810	30080	33610	
230							16900	25850		40710	
240				8840		11850	16920	22990	32720	36950	
250						15090	21620				
260							18290	24160	35020	39580	59270
270						16950		39000	46680		
280						17000	23030	25570	37460	42400	
300							23500	27260	40050	45030	
320							23740	31870	44610		
330								40710			
340								35400			
350							36710			70030	
380								49000			

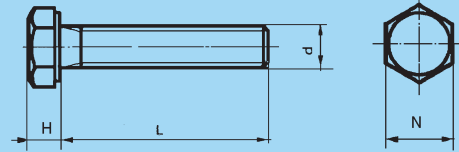
Order ex./Best. ex.: M6S 10.9 M6 x 10 Plain/unbeh
 Article ex./Artikel ex.: 9331006010

Box quantity/Verpackung

Pcs/St	M6	M8	M10	M12	M14	M16	M20	M24	M27	M30	M36
200	10-100	10-65	16-35								
100		70-140	40-80	16-50							
50			90-180	55-80	25-65	25-35					
25				90-240	70-180	40-280	40-150	40-80			
10							160-200	90-200			
Bulk/ Grossverp.							210-350	210-380	50-320	40-350	50-260

DIN 558

Steel/Stahl 4.6
Plain/unbeh



d	M5	M6	M8	M10	M12	M16	M20
N	8	10	13	17	19	24	30
H	3,5	4	5,3	6,4	7,5	10	12,5
L	Price/Preis €/1000 pcs/St						
10	150	73	420				
12	150	63	147	630			
14		95					
16	150	68	103	434	552		
20	150	75	109	189	276	1080	
22		104	110				
25	150	109	114	193	276	1080	
30	196	122	122	201	292	580	3100
35	221	178	138	216	309	604	3100
40	250	200	146	252	331	614	1330
45	359	334	245	281	396	641	1340
50	359	359	285	298	418	981	1410
55		704	522	533	675	1290	2040
60	968	646	522	533	675	1290	2040
65						1880	3480
70		892	995	937	1020	1880	3480
75						2310	6710
80		1560	1270	1660	1760	2310	5490
90			1750	2080	2220	4240	7340
100			1910	2520	2720	4570	8840

Also available zincplated/
Erhältlich auch in
verzinkter Ausführung.

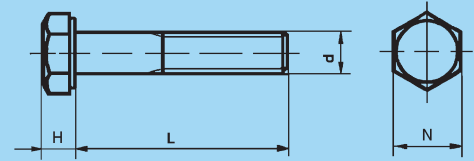
Order ex./Best. ex.: M6S 4.6 M5 x 10 Full threaded/Ganzgewinde Plain/unbeh
Article ex./Artikel ex.: 558405010

Box quantity/Verpackung

Pcs/St	M5	M6	M8	M10	M12	M16	M20
500	10-30	10-30					
200	35-60	35-80	10-80	12-35			
100			90-100	40-100	16-60		
50					65-100	20-60	
25						65-100	30-100

DIN 601

Steel/Stahl 4.6
Zincpl/verz



d	M18	M20	M22	M24	M27	M30	M33	M36	M42	M44	M48
N	27	30	32	36	41	46	50	55	65	75	77
N	27	30	32	36	41	46	50	55	65	75	77
N	27	30	32	36	41	46	50	55	65	75	77
L	Price/Preis €/1000 pcs/St										
30	140										
35	211	263									
40	223	274	468								
45	310	297	496	705							
50	314	317	518	737							
55	400	456	590	798	1430						
60	404	462	600	837	1490						
65	545	676	672	908	1550	2720					
70	505	678	682	922	1630	2760					
75			995	1370	1740	2880					
80	555	878	964	1330	1810	2980	4700				
90	728	1060	1380	1770	1990	3180	5070				
100		1140	1480	1950	2110	3480	5390				
110		1240	1670	2490	2240	3690	5820				
120		1250	2250	2620	2610	3920	6080				
130		1630	2620	3620	2720	4350	6600				
140		1750	2640	3960	2890	4560	7120				
150			2790	3930	3900	6530	9450				
160			3370	3930	7150	11490	17660				
170			3770								
180			3790	4550	7610	12420	18330				
190					7720						
200			4160	5020	7790	12610	18580				
220			5050	5540	9000	13030	19090				
240			5400	6040	9580	13390	20650				
250					10160						
260			5890	6330	10160	14200	22050				
280			6990	6820	10840	15010	23530				
300			7040	7260	11300	15470	25050				
320				7600	12030	16040	27340				
340				7830	12630	16610	28810				
360				8170	13330	17510	30320				
380				8550	13630	18300	31920				
400				9010	13980	19400	33460				
420				9560	14350	21420	35260				
440				10190	14700	22450	36750				
460				10620	15180	23270	38240				
480				11050	15820	24310	39740				
500				11440	16540	25150	41290				
560					27130	41600					
600					29020	44440					

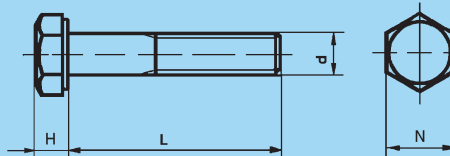
Order ex./Best. ex.: M6S 4.6 M6 x 30 Zincpl/verz
Article ex./Artikel ex.: 6014060301

Box quantity/Verpackung

ST	M18	M20	M22	M24	M27	M30	M33	M36	M42	M48	M50
200	30-90	35-65									
100		70-140	40-100	45-60							
50			110-200	65-200							
25			220-300	220-500	55-300	65-140	80				
10					320-600	150-600	90-500				

DIN 933/931

Steel/Stahl 8.8
Dacromet



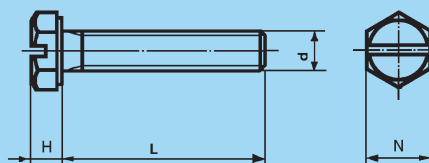
d	M5	M6	M8	M10	M12	M16	M20
N	8	10	13	17	19	24	30
H	3,5	4	5,3	6,4	7,5	10	12,5
L	Price/Preis €/1000 pcs/St						
10	92	101	278				
12		101	162				
16		101	152	323			
20	94	101	164	295	493	1394	
25		111	167	315	502	1066	
30			211	361	509	1156	
35				390	548	1173	
40			274	437	628	1223	
45				524	748	1326	2720
50		193	330			1403	2550
55		255	391	697	978	1900	
60		271	400	709	985	1955	3200
65			451			2023	
70		496	468		1012	2040	3570
75		560	485	839	1105		
80				839	1173	2210	3995
90					1275		4080
100				1012	1343		4335
110					1683		5355
120					2600	3298	4725
130				1464	2700		
140				1853			7055
160						6400	
Order ex./Best. ex.: DIN 933/931 8.8 M5 x 10 Dacromet Article ex./Artikel ex.: 933805010DAC							

Box quantity/Verpackung

	M5	M6	M8	M10	M12	M16	M20
500							
200	10-20	10-75	10-65	16-35			
100			70-75	40-80	20-50		
50				100-140	55-80	20-35	
25					90-130	40-160	45-140

DIN 933-Sz

8.8 Full threaded/Ganzgewinde,
With slot/mit Schlitz Zincpl/verz



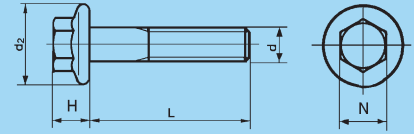
d	M4	M5	M6	M8
N	7	8	10	13
H	2,8	3,5	4	5,3
L	Price/Preis €/1000 pcs/St			
6	330			
8	330	372		
10	348	398	510	
12	353	413	540	930
14		535	990	
16	395	453	565	1015
18				
20	413	473	615	1205
25	416	580	710	1100
30		590	755	1130
35			1025	1485
40			1080	1640
45				1560
50			1100	1680
Order ex./Best. ex.: M6S 8.8 M4 x 6 With slot/mit Schlitz Zincpl/verz Article ex./Artikel ex.: 933SZ8040061				

Box quantity/Verpackung

	M4	M5	M6	M8
Each dimensions 100 pcs/100 Stück je Abmessung				

Hex flange/Sechskantschrauben mit Flansch

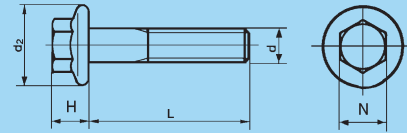
Volvo 1052336
Steel/Stahl 8.8 Zinctpl/verz



d	M5	M6	M8	M10	M12	M16
N	8	10	12	14	17	21
H	5	6,5	8,2	10	11,5	16,9
d2	11	13,8	17,7	21,6	26	35
L	Price/Preis €/1000 pcs/St					
8	390					
10	104	190				
12	109	91	290			
14		99		680		
16	169	94	450	690		
20	198	105	470	680	950	
22			980			
25		210	550	700		
30		360	560	740	1100	3900
35		390	630	900	1600	4400
40		420	690	940	1900	4900
45			990			
50		520	740	1050	2400	6200
55			760	1200		
60			790		2900	6500
70			850	1700	3400	
80			890	1900	4900	
90			950	2600	5600	9800
100			1100	2900	6500	12200
110			1197	3500	7600	
120			1282	3900	8400	14000
130					9400	
140						19600
150				6200		
180						23900
Order ex./Best. ex.: M6SF 8.8 M5 x 8 Zinctpl/verz						Article ex./Artikel ex.: M6SF8050081

DIN 6921

Steel/Stahl 8.8
Zinctpl/verz



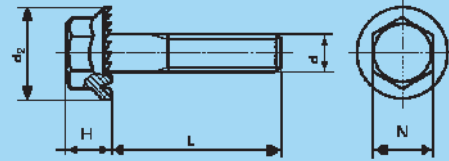
d	M6	M8	M10	M12	M16
N	10	13	15	16	21
H	6,6	8,1	9,2	11,5	14,4
d2	14,2	18	22,3	26,6	35
L	Price/Preis €/1000 pcs/St				
10	198				
12	180	290			
14		380			
16	148	198			
20	156	200	415	880	
25	170	220	435	880	
30	198	250	480	890	
35	290	460	500	950	
40	270	295	520	950	
45	380			1600	
50	420	450	750	1620	8031
55		667	990	1800	
60		750	1100	1900	
65		912			
70		980	1200	1950	14900
80		1100			
90		1200	1500	2300	
100		1600	2900		
110		4600	5500	6900	
Order ex./Best. ex.: DIN 6921 8.8 M6 x 10 Zinctpl/verz					Article ex./Artikel ex.: 69218060101

Box quantity/Verpackung

Pcs/St	M6SF	M5	M6	M8	M10	M12	M16	DIN 6921	M6	M8	M10	M12	M16
200		8-20	10-50	12-100	14-25			200	10-50	12-40	20-30		
100				110-120	30-120	20-40	30	100		50-110	35-110	20-40	
50					150	50-130	35-60	50				45-110	50-70
25							90-180	25					

Tensilok®

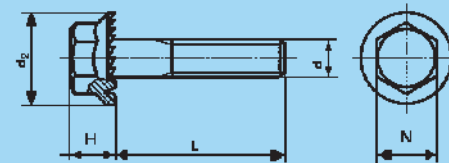
With serration under head/mit Sperrzähnen
Steel/Stahl CI/KI 90/100
Plain/unbeh



d	M5	M6	M8	M10	M12	M16
N	8	10	13	15	17	22
H	4,3	5,3	7	7,9	8,7	11,2
d2	11,2	14,2	18,2	21	24	31
L	Price/Preis €/1000 pcs/St					
10	553	578				
12	593	550	838			
14	600	583	838			
16	595	568	818	1330		
18		595				
20		595	848	1310	1855	
25		673	913	1380	1965	4850
30			985	1440	2020	5575
35					2230	5575
40			1080		2320	5925
45						6175
50						6600
55						7725
60						8000
70						8150
Order ex./Best. ex.: TENSILOK KL 90≤ M10 KL 100≥ M12 M5 x 10 Plain/unbeh						
Article ex./Artikel ex.: TL05010						

DIN 6921-Z

With serration under head/mit Sperrzähnen
Steel/Stahl 8.8
Zincpl/verz



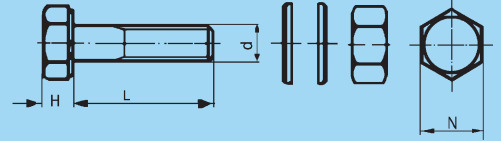
d	M5	M6	M8	M10	M12
N	8	10	13	15	16
H	5,4	6,6	8,1	9,2	11,5
d2	11,2	14,2	18	22,3	26,6
L	Price/Preis €/1000 pcs/St				
8		290			
10	478	198			
12	210	180	290		
14		280	290		
16	230	148	198		
20		156	200	415	880
25			220	435	880
30			250	480	
35			460		950
40				520	1490
Order ex./Best. ex.: M6SZ 8.8 M6 x10 Zincpl/verz					
Article ex./Artikel ex.: 6921Z060101					

Box quantity/Verpackung

Pcs/St	M5	M6	M8	M10	M12	M16
200	10-16	8-25	12-40	16-40		
100					20-40	
50						25-70

DIN 6914 (~ISO 7412)

Large head intended for steel construction/
Grosse Schlüsselweite für HV-Verbindungen
im Stahlbau
Steel/Stahl 10.9 Plain/unbeh



d	M12	M16	M20	M22	M24	M27	
N	22	27	32	36	41	46	
H	8	10	13	14	15	17	
gl*	21/23	26/28	31/33	32/34	34/37	37/39	*gl: Partial thread above the line/ Schrauben über der Stufenlinie mit kürzere Gewindelänge.
L	Price/Preis €/1000 pcs/St						
30	2160						
35	2360						
40	2360	3720					
45	2540	4000	7480				
50	2660	4260	7180	15640	12040		
55	2860	4460	7180	15640	12040		
60	3000	4640	7500	15640	11720		
65	3780	4880	7840	16120	11720		
70	3980	5180	8160	16500	12200	20380	
75		5500	8400	17180	12560	20620	
80		5660	8740	17660	12900	21260	
85		6420	9400	18640	13620	22240	
90		6420	9400	18640	13620	22240	
95		8300	9740	19620	14340	23280	
100		8300	9740	19620	14340	23280	
105		14880	10820	20620	15060	24340	
110		14880	10820	20620	15060	24340	
115		16880	11260	22040	15940	25540	
120		21100	13400	22040	15940	25540	
125		23560	14060	23140	16860	25900	
130		23560	14060	23140	16860	25900	
135					17760	27080	
140					21120	27080	
145					22160	33800	
150					22160	33800	
155						35180	
160						35180	
Order ex./Best. ex.: DIN 6914 10.9 M12 x 30 Plain/unbeh Article ex./Artikel ex.: 69141012030							

Box quantity/Verpackung

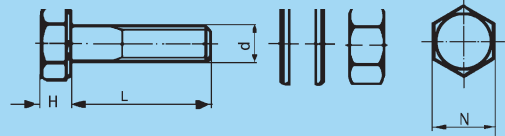
Pcs/St	M12	M16	M20	M22	M24	M27
50	30-70					
25		40-130	45-130	50-130	50-150	70-160

Accessories for structural bolts/Zubehör für Stahlbau

Hexagon nuts/Sechskantmutter KLASS 10, DIN 6915 (ISO 7414)									
	M12	M16	M20	M22	M24	M27			
Plain/unbeh	1140	1640	2660	3220	4320	6720			
Washer, steel/Scheibe C45, DIN 6916 HV 295 – 350 (~ISO 7416)									
	13	17	21	23	25	28	31	34	37
Plain/unbeh	1280	495	590	700	895	1900	3567	6287	6900
Zincpl/verz	330	668	776	790	1209	2100	3900		

DIN 6914 (~ISO 7412)

Large head intended for steel construction/
Grosse Schlüsselweite für HV-Verbindungen
im Stahlbau.



d	M12	M16	M20	M22	M24	M27	
N	22	27	32	36	41	46	
H	8	10	13	14	15	17	
gl*	21/23	26/28	31/33	32/34	34/37	37/39	*gl: shorter thread length above line/ Schrauben über der Stufenlinie mit kürzere Gewindelänge.
L	Price/Preis €/1000 pcs/St						
30	2808						
35	3068						
40	3068	4836					
45	3302	5200	9724				
50	3458	5538	9334		15652		
55	3718	5798	9334				
60	3900	6032	9750		15236		
65		6344	10192		15236		
70	5174	6734	10608	21450	15860	26494	
75		7150	10920		16328	26806	
80		7358	11362	22958	16770	27638	
85		8346	12220	24232	17706	28912	
90		8346	12220	24232	17706	28912	
95		10790	12662	25506	18642	30264	
100		10790	12662	25506	18642	30264	
105			14066	26806	19578		
110		19344	14066	26806	19578	31642	
115			14638	28652	20722		
120		27430	17420	28652	20722	33202	
125					21918		
130		30628	18278		21918	33670	
135					23088		
140					27456	35204	
145					28808		
150					28808	43940	
160						45734	

This article is normally supplied with
oversize threads and corresponding
nuts. If you require ISO fit threads
please advise us /
Auf Anfrage können wir Ihnen
Gewinde ISO-passend anbieten

Order ex./Best. ex.: DIN 6914 10.9 M12 x 30 Zinclpl/verz **Article ex./Artikel ex.:** 691410120302

Box quantity/Verpackung

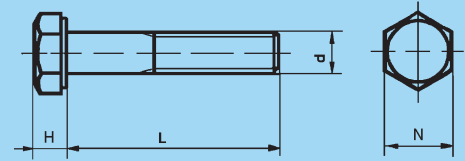
Pcs/St	M12	M16	M20	M22	M24	M27
50	30-70					
25		40-130	45-130	70-120	50-150	70-160

Accessories for structural bolts/Zubehör für Stahlbau

Hexagon nuts Class 10 HDG / Sechskantmutter mit großer Schlüsselweite Klasse 10 feuerverzinkt Aufmaß (6 AZ<), DIN 6915 (~ISO 7414)									
Box quantity/Verpackung									
HDG/ feuerverz	1482	2132	3458	4186	5616	8736			
Washer, steel C45 hot dip galvanised / Scheibe C45 feuerverzinkt, DIN 6916 HV 295 - 350 (~ISO 7416)									
	13	17	21	23	25	28	31	34	37
HDG/ feuerverz	377	644	767	910	1164	2470	4638	8174	8970

Hex cap screws/ Sechskantschrauben

UNF Thread/Gewinde ANSI B 18.2.1
Steel/Stahl 8.8 Plain/unbeh



d	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1"
N	1/2	9/16	5/8	3/4	13/16	15/16	1 1/8	1 5/16	1 1/2
H	5,2	6	7,1	7,9	9,1	9,9	11,9	13,9	15,5
L	Price/Preis €/1000 pcs/St								
1/2 13	268	453							
5/8 16	288	393							
3/4 19	293	393	628	715					
7/8 22	298	400	640						
1" 25	308	410	640	765	1650	1548			
1 1/4 32	335	450	688	820	1800	1758			
1 1/2 38	373	488	795	908	1850	1758	2775		
1 3/4 45	420	563	993	1040	2150	1930			
2" 51	450	610	993	1138	2475	2415	3248	8940	10500
2 1/4 57	498	668	1536	1195		2618			
2 1/2 64	525	735	1536	1395	3384	2618	3820	9400	12180
2 3/4 70	894	963	1902	1809		2913	5019	9480	
3" 76	894	963	1902	1809	3795	2913	5019	9480	12200
3 1/4 83	948		2064						12360
3 1/2 89	990		2145	2349	4374	3285	5799	10320	13620
4" 102		1491	2394	2640	4785	3505	6324	11160	14820
4 1/2 114				3135		3743	6702	12375	15660
5" 127				5775	6930	5158	7839	13200	16500
5 1/2 140						5500	8664		17700
6" 152				7260		7839	9489	14850	19380
7" 178				16500		9489	13200	17340	22260
8" 203						10725	14820	18960	24720
9" 229									31740
10" 254									54480
12" 305									61440

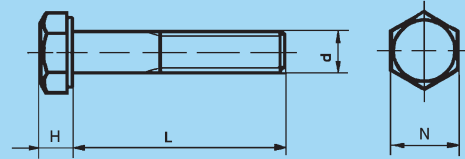
Order ex./Best. ex.: U6S 8.8 5/16 UNF x 1/2 Plain/unbeh
Article ex./Artikel ex.: 933UF8516013

Box quantity/Verpackung

Pcs/St	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1"
100	13-89	13-76	19-51						
50		102	57-102	19-89					
25				102-178	25-127	25-203	38-203	51-102	51-102
10								114-203	114-305

Hex cap screws/ Sechskantschrauben

UNF Thread/Gewinde ANSI B 18.2.1
Steel/Stahl 8.8 Zinclpl/verz



d	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1"
N	7/16	1/2	9/16	5/8	3/4	13/16	15/16	1 1/8	1 5/16	1 1/2
H	4	5,2	6	7,1	7,9	9,1	9,9	11,9	13,9	15,5
L	Price/Preis €/1000 pcs/St									
3/8 10	288									
1/2 13	264	335	540							
5/8 16	294	365	450							
3/4 19	294	365	480	775	895		4900			
7/8 22	336	385	513	960	1146					
1" 25	348	385	513	800	955	2340	1935			
1 1/4 32	348	405	620	980	1135	2580	2195	4095		
1 1/2 38	393	450	595	1140	1135	2640	2195	3413	14900	
1 3/4 45	516	510	690	1200	1300	3180	2850	4058	10380	
2" 51	516	545	750	1200	1425	3240	2900	4058	10620	
2 1/4 57	678	600	835	1860	1500	3960	3100	4600	11520	
2 1/2 64	678	630	910	1860	1700	4020	3150	4600	11520	14520
2 3/4 70	942	1074	1200	2280	1840		3500	6000	11220	14500
3" 76	990	1074	1218	2280	1850	4500	3550	6120	11280	14400
3 1/4 83	1038	1140	1524	2460	2790		4710	6960	11880	14820
3 1/2 89	1092	1188	1548	2580	2820	5220	4740	7020	12360	16080
3 3/4 95				2670	2970		5040			
4" 102	1200	1410	1800	2880	3180	5640	5070	7680	13380	17220
4 1/2 114		1584	2520	3570	3780	6300	5520	8160	14820	
5" 127	2340	2184	2700	3780	6840	8280	7380	9420	15840	19800
5 1/2 140	3000	2700	2880	3960	8340	9120	7920	10440	16740	21240
6" 152	3120	2790	3180	4140	8580	9420	9360	11400	17700	23220
6 1/2 165									18600	
7" 178								15600	20760	26700
7 1/2 190								16200		
8" 203							14600	17700		29640

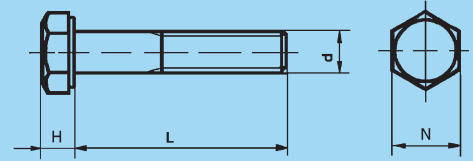
Order ex./Best. ex.: U6S 8.8 1/4 UNF x 3/8 Zinclpl/verz
Article ex./Artikel ex.: 933UF8140101

Box quantity/Verpackung

Psc/St	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1"
100	10-152	13-152	13-76	19-51						
50			83-152	57-152	19-95					
25					102-152	25-152	19-203	32-203	38-102	64-102
10									114-178	127-203

Hex cap screws/ Sechskantschrauben

UNC Thread/Gewinde ANSI B 18.2.1
Steel/Stahl 8.8 Plain/unbeh



d	1/4	5/16	3/8	7/16	1/2	9/16	5/8
N	7/16	1/2	9/16	5/8	3/4	13/16	15/16
H	4	5,2	6	7,1	7,9	9,1	9,9
L	Price/Preis €/1000 pcs/St						
3/8 10	249						
1/2 13	175	268	453				
5/8 16	190	288	393		970		
3/4 19	198	293	393	753	715		
7/8 22	208	298	400		918		
1" 25	243	308	410	640	765		1548
1 1/4 32	243	335	450	688	820		1758
1 1/2 38	273	373	488	795	908		1758
1 3/4 45	360	420	563	993	1038		1930
2" 51	360	450	610	993	1138		2415
2 1/4 57	473	498	668		1195	10692	2618
2 1/2 64	473	525	735	1536	1395		2618
2 3/4 70	783	894	963	1902	1809		2913
3" 76	825	894	963	1902	1809		2913
3 1/4 83	867	948	1260	2064	2325		3942
3 1/2 89	909	990	1260	2145	2349		3942
3 3/4 95		1071	1491		2475		4206
4" 102		1155	1491	2394	2640		4206
4 1/2 114			2145	2970	3135		4491
5" 127		1824	2229	3135	5775		6189
5 1/2 140			2394		7095		
6" 152			2640		7260		7839
6 1/2 165					16089		8664
7" 178			8400		16500		9489
7 1/2 191							9900
8" 203			9060		17325		10725
9" 229							15594
10" 254							26235

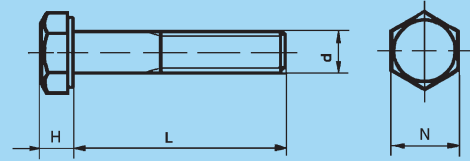
Order ex./Best. ex.: U6S 8.8 1/4 UNC x 3/8 Plain/unbeh
Article ex./Artikel ex.: 933U814010

Box quantity/Verpackung

Pcs/St	1/4	5/16	3/8	7/16	1/2	9/16	5/8
100	10-89	13-127	13-76	19-76	16-51		
50			83-203	83-89	57-89	57	25-51
25				102-127	95-203		57-203
10							229-254

Hex cap screws/ Sechskantschrauben

UNC Thread/Gewinde ANSI B 18.2.1 (SS1943)
Steel/Stahl 8.8 Plain/unbeh



d	3/4	7/8	1"	1 1/4	1 1/2
N	1 1/8	1 5/16	1 1/2	1 7/8	2 1/4
H	11,9	13,9	15,5	19,8	23,8
L	Price/Preis €/1000 pcs/St				
1" 25	3240				
1 1/4 32	3330				
1 1/2 38	2775	8700			
1 3/4 45	3055	8700			
2" 51	3248	8940	10500		
2 1/4 57	3820	9660	12180		
2 1/2 64	3820	9780	12180	30000	
2 3/4 70	5019	9480	16500	31500	
3" 76	5019	9480	12000	33150	
3 1/4 83	5799	9900	12360	34050	60000
3 1/2 89	5799	10320	13620	34650	60900
3 3/4 95	6324				
4" 102	6324	11160	14820	35400	61500
4 1/2 114	6702	12375	15660	36000	63750
5" 127	7839	13200	16500	36450	64650
5 1/2 140	8664	13980	17700	37200	65850
6" 152	9489	14850	19380	37800	66900
6 1/2 165	11964	15675	20160	42000	68400
7" 178	13200	17340	22260	42900	69300
7 1/2 119			23100		
8" 203	14820	18960	24720	44400	71100
9" 229	18480	24480	35400	46500	84000
10" 254	31680	42600	54480	49500	86100
11" 279			57900	53250	
12" 305				56400	100500

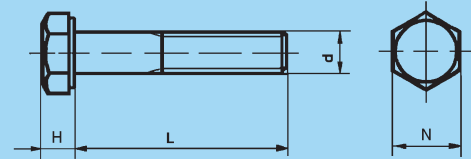
Order ex./Best. ex.: U6S 8.8 3/4 UNC x 1" Plain/unbeh
Article ex./Artikel ex.: 933U834025

Box quantity/Verpackung

Pcs/St	3/4	7/8	1"	1 1/4	1 1/2
25	25-152	38-102	51-102		
10	165-254	114-254	114-279	64-305	83-102
Bulk/ Grossverp.					114-305

Hex cap screws/ Sechskantschrauben

UNC Thread/Gewinde ANSI B 18.2.1 (SS1943)
Steel/Stahl 8.8 Zincl/verz



d	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1"
N	7/16	1/2	9/16	5/8	3/4	13/16	15/16	1 1/8	1 5/16	1 1/2
H	4	5,2	6	7,1	7,9	9,1	9,9	11,9	13,9	15,5
L	Price/Preis €/1000 pcs/St									
3/8 10	240	543								
1/2 13	150	268	480							
5/8 16	150	239	360	930	990					
3/4 19	160	240	280	460	735		4900			
7/8 22	229	290	410	950	1025					
1" 25	185	249	290	550	575	2470	1400	3900		
1 1/4 32	193	295	296	680	580	2500	1450	4000		
1 1/2 38	262	320	370	690	595	2500	1490	2200	10320	
1 3/4 45	344	408	495	980	720	3000	1500	2500	10380	
2" 51	344	415	420	990	730	3100	1600	2550	10620	12540
2 1/4 57	452	480	668	1600	930	3200	1900	2600	11520	14520
2 1/2 64	452	504	720	1300	1100	3300	1950	2650	11520	14520
2 3/4 70	628	716	958	1950	1200	3900	2390	2900	11220	19800
3" 76	660	716	960	1500	1200	4000	2400	3100	11280	14400
3 1/4 83	692	760	1250	2190	1936	4900	3000	3600	11880	14820
3 1/2 89	728	792	1032	2250	2100	4900	3100	3700	12360	16080
3 3/4 95		1290	1788		2200		5040	7620		
4" 102	800	1175	1055	2350	2200	5000	3150	4050	13380	17220
4 1/2 114	1520	1320	2190	3100	2600	7900	3800	5600	14820	18780
5" 127	1560	1820	2300	3300	3500	8200	5000	5700	15840	19800
5 1/2 140	2000	2400	2400	3500	5500	9900	5700	7200	16740	21240
6" 152	2080	2400	2750	3700	5800	12000	6300	7400	17700	23220
6 1/2 165					19200		10380	14340	18600	24180
7" 178			9780		19800		11340	15600	20760	26700
7 1/2 191			10500		20100	14900		16200	21300	
8" 203			10800		20820		12840	17700	22740	29640
9" 229							18660	21900	29340	38040
10" 254							31500	34800	49800	64200

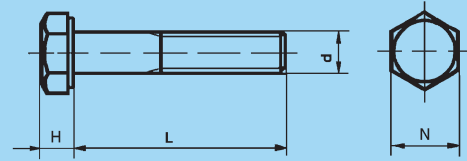
Order ex./Best. ex.: U6S 8.8 1/4 UNC x 3/8 Zincl/verz
Article ex./Artikel ex.: 933U8140101

Box quantity/Verpackung

Pcs/St	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1"
100	10-152	10-152	13-76	16-76	16-51					
50			83-203	83-89	57-89	25-76	19-51			
25				102-152	95-203	83-191	57-203	25-152	38-102	51-102
10							229-254	165-254	114-254	114-254

Hex cap screws/ Sechskantschrauben

UNC Thread/Gewinde ANSI B 18.2.1 (SS1943)
Steel/Stahl 8.8 HDG/ISO-fit/feuerverz



d	1/4	5/8	3/4	7/8	1"
N	7/16	15/16	1 1/8	1 5/16	1 1/2
H	4	9,9	11,9	13,9	15,5
L	Price/Preis €/1000 pcs/St				
1 1/2 38			7800		
1 3/4 45		4800	8520		
2" 51		4950	8760	24750	
2 1/4 57			9600		
2 1/2 64		7600	9990	16200	26250
3" 76			10230		
3 1/4 83	920				
3 1/2 89		7900	12000		32100
4" 102					34500
4 1/2 114					37500
5" 127					39900
6" 152					48600

Note/Anmerkung!
Limited stock holding/
Begrenzte Lagerhaltung

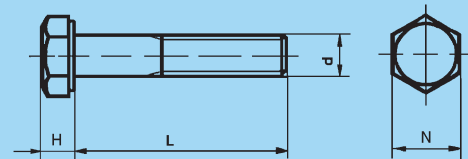
Order ex./Best. ex.: U6S 8.8 1/4 x 3 1/4 HDG/feuerverz
Article ex./Artikel ex.: 933U8140832

Box quantity/Verpackung

Pcs/St	1/4	5/8	3/4	7/8	1"
100	83				
50		45-51			
25		64-89	38-89	64	51-102
10					114-152

Hex head bolt with W/BSW-thread/ Sechskantschrauben mit W/BSW-Gewinde

BS 1083 8.8 Plain/Unbeh



d	W1/2 Plain/unbeh	W1/2 Zincpl/verz	
N	13/16	13/16	
H	8,71	8,71	
L	Price/Preis €/1000 pcs/St		Box quantity/Verpackung
3/4 19	2463	3079	Each length 50 pcs/ 50 Stück jede Länge
1" 25	2499	3124	
1 1/4 32	2573	3217	
1 1/2 38	4500	5400	
1 3/4 45	4594	5746	
2" 51	4888	6110	
2 1/2 64	6102	7628	
3" 76	6543	8179	
3 1/2 89	7461	9327	
4" 102	8013	10017	

Order ex./Best. ex.: Hex head bolt/Sechskantschrauben 8.8 W1/2 x 19 Plain/unbeh
Article ex./Artikel ex.: 933W812019