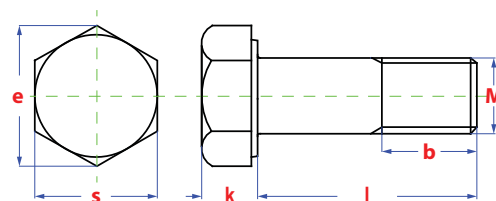


HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22

* Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22

* Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22

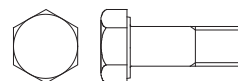
* Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 4	14	-	-	7.66	2.92	7	ISO 4014
M 5	16	22		8.79	3.65	8	
M 6	18	24		11.05	4.15	10	
M 8	22	28		14.38	5.45	13	
M 10	26	32	45	18.9	6.58	17	DIN 931
M 12	30	36	49	21.1	7.68	19	
M 14	34	40	53	24.49	8.98	22	
M 16	38	44	57	26.17	10.18	24	ISO 4014
M 18	42	48	61	29.56	11.85	27	
M 20	46	52	65	32.95	12.85	30	
M 22	50	56	69	35.03	14.35	32	DIN 931
M 24	54	60	73	39.55	15.35	36	ISO 4014
M 27	60	66	79	45.2	17.35	41	
M 30	66	72	85	50.85	19.12	46	
M 33	72	78	91	55.37	21.42	50	
M 36	78	84	97	60.79	22.92	55	
M 39	84	90	103	66.44	25.42	60	
M 42	90	96	109	71.3	26.42	65	

M x l	OLD CODE	NEW CODE	EAN	BOX
4 x 25	00931,04025 S	000931800004000253	5410439102537	500
4 x 30	00931,04030 S	000931800004000303	5410439102544	500
4 x 35	00931,04035 S	000931800004000353	5410439102551	500
4 x 40	00931,04040 S	000931800004000403	5410439102568	500
4 x 45	00931,04045 S	000931800004000453	5410439102575	500
4 x 50	00931,04050 S	000931800004000503	5410439102582	500
5 x 25	00931,05025 S	000931800005000253	5410439102599	500
5 x 30	00931,05030 S	000931800005000303	5410439049481	500
5 x 35	00931,05035 S	000931800005000353	5410439049504	200
5 x 40	00931,05040 S	000931800005000403	5410439049528	200
5 x 45	00931,05045 S	000931800005000453	5410439049542	200
5 x 50	00931,05050 S	000931800005000503	5410439049566	200

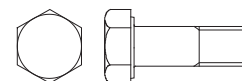
M x l	OLD CODE	NEW CODE	EAN	BOX
6 x 30	00931,06030 S	000931800006000303	5410439049641	200
6 x 35	00931,06035 S	000931800006000353	5410439049689	200
6 x 40	00931,06040 S	000931800006000403	5410439049726	200
6 x 45	00931,06045 S	000931800006000453	5410439049771	200
6 x 50	00931,06050 S	000931800006000503	5410439049825	200
6 x 55	00931,06055 S	000931800006000553	5410439102643	200
6 x 60	00931,06060 S	000931800006000603	5410439049900	200
6 x 65	00931,06065 S	000931800006000653	5410439102650	200
6 x 70	00931,06070 S	000931800006000703	5410439049979	200
6 x 75	00931,06075 S	000931800006000753	5410439172578	200
6 x 80	00931,06080 S	000931800006000803	5410439050005	200
6 x 90	00931,06090 S	000931800006000903	5410439050036	100



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

M x l	OLD CODE	NEW CODE	EAN	BOX
6 x 100	00931,06100 S	000931800006001003	5410439050067	100
8 x 30	00931,08030 S	000931800008000303	5410439050135	200
8 x 35	00931,08035 S	000931800008000353	5410439050173	200
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8 x 45	00931,08045 S	000931800008000453	5410439050265	200
8 x 50	00931,08050 S	000931800008000503	5410439050319	200
8 x 55	00931,08055 S	000931800008000553	5410439050364	200
8 x 60	00931,08060 S	000931800008000603	5410439050401	200
8 x 65	00931,08065 S	000931800008000653	5410439050456	200
8 x 70	00931,08070 S	000931800008000703	5410439050494	200
8 x 75	00931,08075 S	000931800008000753	5410439102698	200
8 x 80	00931,08080 S	000931800008000803	5410439050548	200
8 x 90	00931,08090 S	000931800008000903	5410439050593	100
8 x 100	00931,08100 S	000931800008001003	5410439050647	100
8 x 110	00931,08110 S	000931800008001103	5410439050678	100
8 x 120	00931,08120 S	000931800008001203	5410439050708	100
8 x 130	00931,08130 S	000931800008001303	5410439050739	100
8 x 140	00931,08140 S	000931800008001403	5410439050746	100
8 x 150	00931,08150 S	000931800008001503	5410439050753	100
10 x 35	00931,10035 S	000931800010000353	5410439102759	100
10 x 40	00931,10040 S	000931800010000403	5410439050807	100
10 x 45	00931,10045 S	000931800010000453	5410439050845	100
10 x 50	00931,10050 S	000931800010000503	5410439050890	100
10 x 55	00931,10055 S	000931800010000553	5410439050944	100
10 x 60	00931,10060 S	000931800010000603	5410439050982	100
10 x 65	00931,10065 S	000931800010000653	5410439051033	100
10 x 70	00931,10070 S	000931800010000703	5410439051071	100
10 x 75	00931,10075 S	000931800010000753	5410439051101	100
10 x 80	00931,10080 S	000931800010000803	5410439051132	100
10 x 90	00931,10090 S	000931800010000903	5410439051187	50
10 x 100	00931,10100 S	000931800010001003	5410439051231	50
10 x 110	00931,10110 S	000931800010001103	5410439051262	50
10 x 120	00931,10120 S	000931800010001203	5410439051293	50
10 x 130	00931,10130 S	000931800010001303	5410439051323	50
10 x 140	00931,10140 S	000931800010001403	5410439051330	50
10 x 150	00931,10150 S	000931800010001503	5410439051347	50
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12 x 45	00931,12045 S	000931800012000453	5410439051408	100
12 x 50	00931,12050 S	000931800012000503	5410439051446	100
12 x 55	00931,12055 S	000931800012000553	5410439051491	100
12 x 60	00931,12060 S	000931800012000603	5410439051538	100
12 x 65	00931,12065 S	000931800012000653	5410439051583	100
12 x 70	00931,12070 S	000931800012000703	5410439051620	50
12 x 75	00931,12075 S	000931800012000753	5410439051651	50

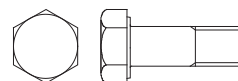
M x l	OLD CODE	NEW CODE	EAN	BOX
12 x 80	00931,12080 S	000931800012000803	5410439051699	50
12 x 90	00931,12090 S	000931800012000903	5410439051743	50
12 x 100	00931,12100 S	000931800012001003	5410439051798	50
12 x 110	00931,12110 S	000931800012001103	5410439051828	50
12 x 120	00931,12120 S	000931800012001203	5410439051859	50
12 x 130	00931,12130 S	000931800012001303	5410439051880	50
12 x 140	00931,12140 S	000931800012001403	5410439051903	50
12 x 150	00931,12150 S	000931800012001503	5410439051927	50
14 x 50	00931,14050 S	000931800014000503	5410439051958	50
14 x 55	00931,14055 S	000931800014000553	5410439051989	50
14 x 60	00931,14060 S	000931800014000603	5410439052009	50
14 x 65	00931,14065 S	000931800014000653	5410439052030	50
14 x 70	00931,14070 S	000931800014000703	5410439052054	50
14 x 75	00931,14075 S	000931800014000753	5410439052085	50
14 x 80	00931,14080 S	000931800014000803	5410439052108	50
14 x 90	00931,14090 S	000931800014000903	5410439052139	50
14 x 100	00931,14100 S	000931800014001003	5410439052160	50
14 x 110	00931,14110 S	000931800014001103	5410439052191	50
14 x 120	00931,14120 S	000931800014001203	5410439052221	50
14 x 130	00931,14130 S	000931800014001303	5410439052252	50
14 x 140	00931,14140 S	000931800014001403	5410439052269	50
14 x 150	00931,14150 S	000931800014001503	5410439052276	50
16 x 50	00931,16050 S	000931800016000503	5410439305402	50
16 x 55	00931,16055 S	000931800016000553	5410439052320	50
16 x 60	00931,16060 S	000931800016000603	5410439052375	50
16 x 65	00931,16065 S	000931800016000653	5410439052429	50
16 x 70	00931,16070 S	000931800016000703	5410439052474	50
16 x 75	00931,16075 S	000931800016000753	5410439052504	50
16 x 80	00931,16080 S	000931800016000803	5410439052559	50
16 x 90	00931,16090 S	000931800016000903	5410439052603	50
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16 x 130	00931,16130 S	000931800016001303	5410439052788	50
16 x 140	00931,16140 S	000931800016001403	5410439052801	50
16 x 150	00931,16150 S	000931800016001503	5410439052825	50
16 x 160	00931,16160 S	000931800016001603	5410439052849	25
16 x 180	00931,16180 S	000931800016001803	5410439052863	25
16 x 200	00931,16200 S	000931800016002003	5410439103084	25
16 x 220	00931,16220 S	000931800016002203	5410439103107	25
18 x 60	00931,18060 S	000931800018000603	5410439103169	50
18 x 65	00931,18065 S	000931800018000653	5410439052900	50
18 x 70	00931,18070 S	000931800018000703	5410439052924	50
18 x 75	00931,18075 S	000931800018000753	5410439052955	50

**A**

material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

M x l	OLD CODE	NEW CODE	EAN	BOX
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18 x 90	00931,18090 S	000931800018000903	5410439053006	50
18 x 100	00931,18100 S	000931800018001003	5410439053037	25
18 x 110	00931,18110 S	000931800018001103	5410439053068	25
18 x 120	00931,18120 S	000931800018001203	5410439053099	25
18 x 130	00931,18130 S	000931800018001303	5410439053129	25
18 x 140	00931,18140 S	000931800018001403	5410439053143	25
18 x 150	00931,18150 S	000931800018001503	5410439053167	25
20 x 60	00931,20060 S	000931800020000603	5410439103213	50
20 x 65	00931,20065 S	000931800020000653	5410439053211	50
20 x 70	00931,20070 S	000931800020000703	5410439053259	50
20 x 75	00931,20075 S	000931800020000753	5410439053280	25
20 x 80	00931,20080 S	000931800020000803	5410439053327	25
20 x 90	00931,20090 S	000931800020000903	5410439053372	25
20 x 100	00931,20100 S	000931800020001003	5410439053426	25
20 x 110	00931,20110 S	000931800020001103	5410439053471	25
20 x 120	00931,20120 S	000931800020001203	5410439053525	25
20 x 130	00931,20130 S	000931800020001303	5410439053556	25
20 x 140	00931,20140 S	000931800020001403	5410439053587	25
20 x 150	00931,20150 S	000931800020001503	5410439053617	25
20 x 160	00931,20160 S	000931800020001603	5410439053648	25
20 x 180	00931,20180 S	000931800020001803	5410439053662	20
20 x 200	00931,20200 S	000931800020002003	5410439103268	20
20 x 220	00931,20220 S	000931800020002203	5410439103282	20
22 x 70	00931,22070 S	000931800022000703	5410439053686	25
22 x 80	00931,22080 S	000931800022000803	5410439053730	25
22 x 90	00931,22090 S	000931800022000903	5410439053761	25
22 x 100	00931,22100 S	000931800022001003	5410439053792	25
22 x 110	00931,22110 S	000931800022001103	5410439053822	25
22 x 120	00931,22120 S	000931800022001203	5410439053853	25
22 x 130	00931,22130 S	000931800022001303	5410439053884	25
22 x 140	00931,22140 S	000931800022001403	5410439053914	25
22 x 150	00931,22150 S	000931800022001503	5410439053945	25
24 x 70	00931,24070 S	000931800024000703	5410439053976	25
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24 x 90	00931,24090 S	000931800024000903	5410439054065	20
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24 x 120	00931,24120 S	000931800024001203	5410439054188	20
24 x 130	00931,24130 S	000931800024001303	5410439054218	20
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24 x 150	00931,24150 S	000931800024001503	5410439054270	20
24 x 160	00931,24160 S	000931800024001603	5410439054300	20
24 x 180	00931,24180 S	000931800024001803	5410439054324	20

M x l	OLD CODE	NEW CODE	EAN	BOX
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24 x 220	00931,24220 S	000931800024002203	5410439117616	15
24 x 240	00931,24240 S	000931800024002403	5410439117623	15
24 x 260	00931,24260 S	000931800024002603	5410439124140	10
24 x 280	00931,24280 S	000931800024002803	5410439124157	10
24 x 300	00931,24300 S	000931800024003003	5410439124164	10
27 x 80	00931,27080 S	000931800027000803	5410439054331	25
27 x 90	00931,27090 S	000931800027000903	5410439054362	25
27 x 100	00931,27100 S	000931800027001003	5410439054393	20
27 x 110	00931,27110 S	000931800027001103	5410439054423	20
27 x 120	00931,27120 S	000931800027001203	5410439054454	20
27 x 130	00931,27130 S	000931800027001303	5410439054485	15
27 x 140	00931,27140 S	000931800027001403	5410439054515	15
27 x 150	00931,27150 S	000931800027001503	5410439054546	15
27 x 160	00931,27160 S	000931800027001603	5410439054577	15
27 x 180	00931,27180 S	000931800027001803	5410439054591	15
27 x 200	00931,27200 S	000931800027002003	5410439054607	10
27 x 220	00931,27220 S	000931800027002203	5410439117630	10
27 x 240	00931,27240 S	000931800027002403	5410439124195	5
27 x 260	00931,27260 S	000931800027002603	5410439124201	5
27 x 280	00931,27280 S	000931800027002803	5410439124218	10
27 x 300	00931,27300 S	000931800027003003	5410439124225	5
30 x 80	00931,30080 S	000931800030000803	5410439090766	20
30 x 90	00931,30090 S	000931800030000903	5410439054614	20
30 x 100	00931,30100 S	000931800030001003	5410439054621	15
30 x 110	00931,30110 S	000931800030001103	5410439054638	15
30 x 120	00931,30120 S	000931800030001203	5410439054645	15
30 x 130	00931,30130 S	000931800030001303	5410439054652	10
30 x 140	00931,30140 S	000931800030001403	5410439054669	10
30 x 150	00931,30150 S	000931800030001503	5410439054676	10
30 x 160	00931,30160 S	000931800030001603	5410439054683	10
30 x 180	00931,30180 S	000931800030001803	5410439054690	10
30 x 200	00931,30200 S	000931800030002003	5410439054706	10
30 x 220	00931,30220 S	000931800030002203	5410439124256	10
30 x 240	00931,30240 S	000931800030002403	5410439124263	5
30 x 260	00931,30260 S	000931800030002603	5410439124270	5
30 x 280	00931,30280 S	000931800030002803	5410439124287	5
30 x 300	00931,30300 S	000931800030003003	5410439124294	5
33 x 100	00931,33100 S	000931800033001003	5410439054713	10
33 x 110	00931,33110 S	000931800033001103	5410439054720	10
33 x 120	00931,33120 S	000931800033001203	5410439054737	10
33 x 130	00931,33130 S	000931800033001303	5410439054744	10
33 x 140	00931,33140 S	000931800033001403	5410439054751	10
33 x 150	00931,33150 S	000931800033001503	5410439054768	10



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

M x l	OLD CODE	NEW CODE	EAN	BOX
33 x 160	00931,33160 S	000931800033001603	5410439054775	10
33 x 180	00931,33180 S	000931800033001803	5410439054782	10
33 x 200	00931,33200 S	000931800033002003	5410439054799	5
33 x 220	00931,33220 S	000931800033002203	5410439185790	10
33 x 240	00931,33240 S	000931800033002403	5410439187824	5
33 x 260	00931,33260 S	000931800033002603	5410439185806	5
33 x 280	00931,33280 S	000931800033002803	5410439187831	5
33 x 300	00931,33300 S	000931800033003003	5410439187848	5
36 x 100	00931,36100 S	000931800036001003	5410439054805	10
36 x 110	00931,36110 S	000931800036001103	5410439054812	10
36 x 120	00931,36120 S	000931800036001203	5410439054829	10
36 x 130	00931,36130 S	000931800036001303	5410439054836	10
36 x 140	00931,36140 S	000931800036001403	5410439054843	10
36 x 150	00931,36150 S	000931800036001503	5410439054850	10
36 x 160	00931,36160 S	000931800036001603	5410439054867	10
36 x 180	00931,36180 S	000931800036001803	5410439054874	10
36 x 200	00931,36200 S	000931800036002003	5410439054881	5
36 x 220	00931,36220 S	000931800036002203	5410439124355	5
36 x 240	00931,36240 S	000931800036002403	5410439124362	5
36 x 260	00931,36260 S	000931800036002603	5410439124379	5
36 x 280	00931,36280 S	000931800036002803	5410439124386	5

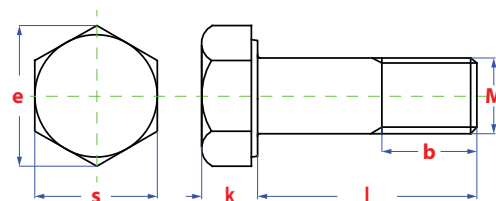
M x l	OLD CODE	NEW CODE	EAN	BOX
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39 x 130	00931,39130 S	000931800039001303	5410439185820	5
39 x 140	00931,39140 S	000931800039001403	5410439185837	5
39 x 150	00931,39150 S	000931800039001503	5410439163606	5
39 x 160	00931,39160 S	000931800039001603	5410439187862	5
39 x 180	00931,39180 S	000931800039001803	5410439185844	5
39 x 200	00931,39200 S	000931800039002003	5410439187879	5
39 x 220	00931,39220 S	000931800039002203	5410439185851	5
39 x 240	00931,39240 S	000931800039002403	5410439187886	5
39 x 260	00931,39260 S	000931800039002603	5410439187893	5
42 x 140	00931,42140 S	000931800042001403	5410439185868	5
42 x 150	00931,42150 S	000931800042001503	5410439187923	5
42 x 160	00931,42160 S	000931800042001603	5410439185875	5
42 x 180	00931,42180 S	000931800042001803	5410439185882	5
42 x 200	00931,42200 S	000931800042002003	5410439187930	5
42 x 220	00931,42220 S	000931800042002203	5410439185899	5
42 x 240	00931,42240 S	000931800042002403	5410439185905	5
42 x 260	00931,42260 S	000931800042002603	5410439187947	5
42 x 300	00931,42300 S	000931800042003003	5410439187954	5

HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : zinc plated Cr3+	oppervlak : verzinkt Cr3+	surface : zingué Cr3+	Oberfläche : verzinkt Cr3+

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22

* Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22

* Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22

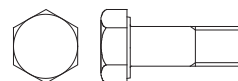
* Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 4	14	-	-	7.66	2.92	7	ISO 4014
M 5	16	22		8.79	3.65	8	
M 6	18	24		11.05	4.15	10	
M 8	22	28		14.38	5.45	13	
M 10	26	32	45	18.9	6.58	17	DIN 931
M 12	30	36	49	21.1	7.68	19	
M 14	34	40	53	24.49	8.98	22	
M 16	38	44	57	26.17	10.18	24	ISO 4014
M 18	42	48	61	29.56	11.85	27	
M 20	46	52	65	32.95	12.85	30	
M 22	50	56	69	35.03	14.35	32	DIN 931
M 24	54	60	73	39.55	15.35	36	ISO 4014
M 27	60	66	79	45.2	17.35	41	
M 30	66	72	85	50.85	19.12	46	

M x l	OLD CODE	NEW CODE	EAN	BOX
4 x 25	00931,04025 Z	000931801004000253	5410439117173	500
4 x 30	00931,04030 Z	000931801004000303	5410439111638	500
4 x 35	00931,04035 Z	000931801004000353	5410439117180	500
4 x 40	00931,04040 Z	000931801004000403	5410439117197	500
4 x 45	00931,04045 Z	000931801004000453	5410439117203	500
4 x 50	00931,04050 Z	000931801004000503	5410439111621	500
5 x 25	00931,05025 Z	000931801005000253	5410439307192	500
5 x 30	00931,05030 Z	000931801005000303	5410439049498	500
5 x 35	00931,05035 Z	000931801005000353	5410439049511	200
5 x 40	00931,05040 Z	000931801005000403	5410439049535	200
5 x 45	00931,05045 Z	000931801005000453	5410439049559	200
5 x 50	00931,05050 Z	000931801005000503	5410439049573	200
5 x 60	00931,05060 Z	000931801005000603	5410439107129	200
5 x 70	00931,05070 Z	000931801005000703	5410439305303	200
6 x 25	00931,06025 Z	000931801006000253	5410439049610	500
6 x 30	00931,06030 Z	000931801006000303	5410439049658	200

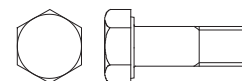
M x l	OLD CODE	NEW CODE	EAN	BOX
6 x 35	00931,06035 Z	000931801006000353	5410439049696	200
6 x 40	00931,06040 Z	000931801006000403	5410439049740	200
6 x 45	00931,06045 Z	000931801006000453	5410439049795	200
6 x 50	00931,06050 Z	000931801006000503	5410439049849	200
6 x 55	00931,06055 Z	000931801006000553	5410439049870	200
6 x 60	00931,06060 Z	000931801006000603	5410439049924	200
6 x 65	00931,06065 Z	000931801006000653	5410439307802	200
6 x 70	00931,06070 Z	000931801006000703	5410439049993	200
6 x 80	00931,06080 Z	000931801006000803	5410439050029	200
6 x 90	00931,06090 Z	000931801006000903	5410439050050	100
6 x 100	00931,06100 Z	000931801006001003	5410439050081	100
6 x 110	00931,06110 Z	000931801006001103	5410439050104	100
6 x 120	00931,06120 Z	000931801006001203	5410439050128	100
8 x 30	00931,08030 Z	000931801008000303	5410439050142	200
8 x 35	00931,08035 Z	000931801008000353	5410439050180	200
8 x 40	00931,08040 Z	000931801008000403	5410439050234	200



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : zinc plated Cr3+	oppervlak : verzinkt Cr3+	surface : zingué Cr3+	Oberfläche : verzinkt Cr3+

M x l	OLD CODE	NEW CODE	EAN	BOX
8 x 45	00931,08045 Z	000931801008000453	5410439050289	200
8 x 50	00931,08050 Z	000931801008000503	5410439050333	200
8 x 55	00931,08055 Z	000931801008000553	5410439050371	200
8 x 60	00931,08060 Z	000931801008000603	5410439050425	200
8 x 65	00931,08065 Z	000931801008000653	5410439050463	200
8 x 70	00931,08070 Z	000931801008000703	5410439050517	200
8 x 75	00931,08075 Z	000931801008000753	5410439101349	200
8 x 80	00931,08080 Z	000931801008000803	5410439050562	200
8 x 85	00931,08085 Z	000931801008000853	5410439185950	100
8 x 90	00931,08090 Z	000931801008000903	5410439050616	100
8 x 100	00931,08100 Z	000931801008001003	5410439050661	100
8 x 110	00931,08110 Z	000931801008001103	5410439050692	100
8 x 120	00931,08120 Z	000931801008001203	5410439050722	100
8 x 130	00931,08130 Z	000931801008001303	5410439101356	100
8 x 140	00931,08140 Z	000931801008001403	5410439307819	100
8 x 150	00931,08150 Z	000931801008001503	5410439102735	100
8 x 160	00931,08160 Z	000931801008001603	5410439104906	50
8 x 180	00931,08180 Z	000931801008001803	5410439185967	50
10 x 35	00931,10035 Z	000931801010000353	5410439307826	100
10 x 40	00931,10040 Z	000931801010000403	5410439050814	100
10 x 45	00931,10045 Z	000931801010000453	5410439050869	100
10 x 50	00931,10050 Z	000931801010000503	5410439050913	100
10 x 55	00931,10055 Z	000931801010000553	5410439050951	100
10 x 60	00931,10060 Z	000931801010000603	5410439051002	100
10 x 65	00931,10065 Z	000931801010000653	5410439051040	100
10 x 70	00931,10070 Z	000931801010000703	5410439051095	100
10 x 75	00931,10075 Z	000931801010000753	5410439101363	100
10 x 80	00931,10080 Z	000931801010000803	5410439051156	100
10 x 85	00931,10085 Z	000931801010000853	5410439187602	50
10 x 90	00931,10090 Z	000931801010000903	5410439051200	50
10 x 95	00931,10095 Z	000931801010000953	5410439185981	50
10 x 100	00931,10100 Z	000931801010001003	5410439051255	50
10 x 110	00931,10110 Z	000931801010001103	5410439051286	50
10 x 120	00931,10120 Z	000931801010001203	5410439051316	50
10 x 130	00931,10130 Z	000931801010001303	5410439307833	50
10 x 140	00931,10140 Z	000931801010001403	5410439307840	50
10 x 150	00931,10150 Z	000931801010001503	5410439307857	50
10 x 160	00931,10160 Z	000931801010001603	5410439107136	50
10 x 180	00931,10180 Z	000931801010001803	5410439111263	50
10 x 200	00931,10200 Z	000931801010002003	5410439111676	50
12 x 40	00931,12040 Z	000931801012000403	5410439101370	100
12 x 45	00931,12045 Z	000931801012000453	5410439051415	100
12 x 50	00931,12050 Z	000931801012000503	5410439051460	100
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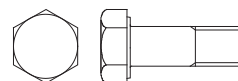
M x l	OLD CODE	NEW CODE	EAN	BOX
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12 x 70	00931,12070 Z	000931801012000703	5410439051644	50
12 x 75	00931,12075 Z	000931801012000753	5410439051668	50
12 x 80	00931,12080 Z	000931801012000803	5410439051712	50
12 x 90	00931,12090 Z	000931801012000903	5410439051767	50
12 x 95	00931,12095 Z	000931801012000953	5410439403825	50
12 x 100	00931,12100 Z	000931801012001003	5410439051811	50
12 x 110	00931,12110 Z	000931801012001103	5410439051842	50
12 x 120	00931,12120 Z	000931801012001203	5410439051873	50
12 x 130	00931,12130 Z	000931801012001303	5410439307864	50
12 x 140	00931,12140 Z	000931801012001403	5410439307871	50
12 x 150	00931,12150 Z	000931801012001503	5410439307888	50
12 x 160	00931,12160 Z	000931801012001603	5410439305853	50
12 x 180	00931,12180 Z	000931801012001803	5410439111270	50
12 x 200	00931,12200 Z	000931801012002003	5410439117210	50
14 x 45	00931,14045 Z	000931801014000453	5410439051941	50
14 x 50	00931,14050 Z	000931801014000503	5410439051972	50
14 x 55	00931,14055 Z	000931801014000553	5410439051996	50
14 x 60	00931,14060 Z	000931801014000603	5410439052023	50
14 x 65	00931,14065 Z	000931801014000653	5410439052047	50
14 x 70	00931,14070 Z	000931801014000703	5410439052078	50
14 x 80	00931,14080 Z	000931801014000803	5410439052122	50
14 x 90	00931,14090 Z	000931801014000903	5410439052153	50
14 x 100	00931,14100 Z	000931801014001003	5410439052184	50
14 x 110	00931,14110 Z	000931801014001103	5410439052214	50
14 x 120	00931,14120 Z	000931801014001203	5410439052245	50
14 x 130	00931,14130 Z	000931801014001303	5410439307895	50
14 x 140	00931,14140 Z	000931801014001403	5410439305129	50
14 x 150	00931,14150 Z	000931801014001503	5410439305136	50
14 x 160	00931,14160 Z	000931801014001603	5410439111720	25
14 x 180	00931,14180 Z	000931801014001803	5410439187626	25
14 x 200	00931,14200 Z	000931801014002003	5410439187633	25
16 x 50	00931,16050 Z	000931801016000503	5410439052290	50
16 x 55	00931,16055 Z	000931801016000553	5410439052344	50
16 x 60	00931,16060 Z	000931801016000603	5410439052399	50
16 x 65	00931,16065 Z	000931801016000653	5410439052443	50
16 x 70	00931,16070 Z	000931801016000703	5410439052498	50
16 x 75	00931,16075 Z	000931801016000753	5410439052528	50
16 x 80	00931,16080 Z	000931801016000803	5410439052573	50
16 x 85	00931,16085 Z	000931801016000853	5410439220118	25
16 x 90	00931,16090 Z	000931801016000903	5410439052627	50
16 x 100	00931,16100 Z	000931801016001003	5410439052672	50
16 x 110	00931,16110 Z	000931801016001103	5410439052726	50

**A**

material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : zinc plated Cr3+	oppervlak : verzinkt Cr3+	surface : zingué Cr3+	Oberfläche : verzinkt Cr3+

M x l	OLD CODE	NEW CODE	EAN	BOX
16 x 120	00931,16120 Z	000931801016001203	5410439052771	50
16 x 130	00931,16130 Z	000931801016001303	5410439089289	50
16 x 140	00931,16140 Z	000931801016001403	5410439089296	50
16 x 150	00931,16150 Z	000931801016001503	5410439089302	50
16 x 160	00931,16160 Z	000931801016001603	5410439103060	25
16 x 170	00931,16170 Z	000931801016001703	5410439111751	25
16 x 180	00931,16180 Z	000931801016001803	5410439103077	25
16 x 190	00931,16190 Z	000931801016001903	5410439416320	25
16 x 200	00931,16200 Z	000931801016002003	5410439103091	25
18 x 55	00931,18055 Z	000931801018000553	5410439305143	50
18 x 60	00931,18060 Z	000931801018000603	5410439052894	50
18 x 65	00931,18065 Z	000931801018000653	5410439052917	50
18 x 70	00931,18070 Z	000931801018000703	5410439052948	50
18 x 75	00931,18075 Z	000931801018000753	5410439052962	50
18 x 80	00931,18080 Z	000931801018000803	5410439052993	50
18 x 90	00931,18090 Z	000931801018000903	5410439053020	50
18 x 100	00931,18100 Z	000931801018001003	5410439053051	25
18 x 110	00931,18110 Z	000931801018001103	5410439053082	25
18 x 120	00931,18120 Z	000931801018001203	5410439053112	25
18 x 130	00931,18130 Z	000931801018001303	5410439053136	25
18 x 140	00931,18140 Z	000931801018001403	5410439053150	25
18 x 150	00931,18150 Z	000931801018001503	5410439053174	25
18 x 160	00931,18160 Z	000931801018001603	5410439053181	25
18 x 180	00931,18180 Z	000931801018001803	5410439111799	25
18 x 200	00931,18200 Z	000931801018002003	5410439186056	20
20 x 60	00931,20060 Z	000931801020000603	5410439053198	50
20 x 65	00931,20065 Z	000931801020000653	5410439053228	50
20 x 70	00931,20070 Z	000931801020000703	5410439053273	50
20 x 75	00931,20075 Z	000931801020000753	5410439053297	25
20 x 80	00931,20080 Z	000931801020000803	5410439053341	25
20 x 85	00931,20085 Z	000931801020000853	5410439162999	25
20 x 90	00931,20090 Z	000931801020000903	5410439053396	25
20 x 100	00931,20100 Z	000931801020001003	5410439053440	25
20 x 110	00931,20110 Z	000931801020001103	5410439053495	25
20 x 120	00931,20120 Z	000931801020001203	5410439053549	25
20 x 130	00931,20130 Z	000931801020001303	5410439053570	25
20 x 140	00931,20140 Z	000931801020001403	5410439053600	25
20 x 150	00931,20150 Z	000931801020001503	5410439053631	25
20 x 160	00931,20160 Z	000931801020001603	5410439053655	25
20 x 170	00931,20170 Z	000931801020001703	5410439117241	20
20 x 180	00931,20180 Z	000931801020001803	5410439103251	20
20 x 190	00931,20190 Z	000931801020001903	5410439163002	20
20 x 200	00931,20200 Z	000931801020002003	5410439103275	20
20 x 220	00931,20220 Z	000931801020002203	5410439111805	20

M x l	OLD CODE	NEW CODE	EAN	BOX
20 x 240	00931,20240 Z	000931801020002403	5410439111812	10
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20 x 280	00931,20280 Z	000931801020002803	5410439111829	10
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20 x 320	00931,20320 Z	000931801020003203	5410439120166	10
20 x 360	00931,20360 Z	000931801020003603	5410439186070	10
20 x 380	00931,20380 Z	000931801020003803	5410439332248	10
20 x 400	00931,20400 Z	000931801020004003	5410439628631	10
22 x 70	00931,22070 Z	000931801022000703	5410439053709	25
22 x 75	00931,22075 Z	000931801022000753	5410439053723	25
22 x 80	00931,22080 Z	000931801022000803	5410439053754	25
22 x 90	00931,22090 Z	000931801022000903	5410439053785	25
22 x 100	00931,22100 Z	000931801022001003	5410439053815	25
22 x 110	00931,22110 Z	000931801022001103	5410439053846	25
22 x 120	00931,22120 Z	000931801022001203	5410439053877	25
22 x 130	00931,22130 Z	000931801022001303	5410439053907	25
22 x 140	00931,22140 Z	000931801022001403	5410439053938	25
22 x 150	00931,22150 Z	000931801022001503	5410439053969	25
24 x 70	00931,24070 Z	000931801024000703	5410439053990	25
24 x 75	00931,24075 Z	000931801024000753	5410439054003	25
24 x 80	00931,24080 Z	000931801024000803	5410439054041	25
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24 x 110	00931,24110 Z	000931801024001103	5410439054164	20
24 x 120	00931,24120 Z	000931801024001203	5410439054201	20
24 x 130	00931,24130 Z	000931801024001303	5410439054232	20
24 x 140	00931,24140 Z	000931801024001403	5410439054263	20
24 x 150	00931,24150 Z	000931801024001503	5410439054294	20
24 x 160	00931,24160 Z	000931801024001603	5410439054317	20
24 x 180	00931,24180 Z	000931801024001803	5410439100229	20
24 x 200	00931,24200 Z	000931801024002003	5410439100236	15
24 x 220	00931,24220 Z	000931801024002203	5410439186100	15
27 x 90	00931,27090 Z	000931801027000903	5410439054386	25
27 x 100	00931,27100 Z	000931801027001003	5410439054416	20
27 x 110	00931,27110 Z	000931801027001103	5410439054447	20
27 x 120	00931,27120 Z	000931801027001203	5410439054478	20
27 x 140	00931,27140 Z	000931801027001403	5410439054539	15
27 x 150	00931,27150 Z	000931801027001503	5410439054560	15
27 x 160	00931,27160 Z	000931801027001603	5410439054584	15
27 x 180	00931,27180 Z	000931801027001803	5410439100243	15
27 x 200	00931,27200 Z	000931801027002003	5410439100250	10
30 x 80	00931,30080 Z	000931801030000803	5410439187749	20
30 x 90	00931,30090 Z	000931801030000903	5410439179027	20
30 x 100	00931,30100 Z	000931801030001003	5410439163019	15



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : zinc plated Cr3+	oppervlak : verzinkt Cr3+	surface : zingué Cr3+	Oberfläche : verzinkt Cr3+

M x l	OLD CODE	NEW CODE	EAN	BOX
30 x 120	00931,30120 Z	000931801030001203	5410439111874	15
30 x 130	00931,30130 Z	000931801030001303	5410439163026	10
30 x 140	00931,30140 Z	000931801030001403	5410439172066	10
30 x 150	00931,30150 Z	000931801030001503	5410439163033	10

M x l	OLD CODE	NEW CODE	EAN	BOX
30 x 160	00931,30160 Z	000931801030001603	5410439175548	10
30 x 180	00931,30180 Z	000931801030001803	5410439175555	10
30 x 200	00931,30200 Z	000931801030002003	5410439187763	10

DIN 931 (09/1987) *

EN ISO 4014 (2001)**

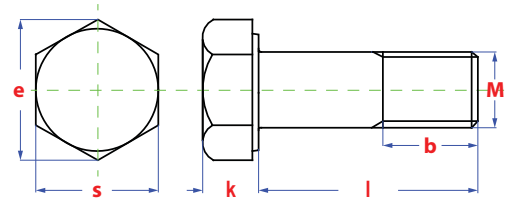
A

HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Steel class 8.8	materiaal : Staal klasse 8.8	matière : Acier classe 8.8	Werkstoff : Stahl Klasse 8.8
type : standard	type : standaard	type : standard	Typ : normalmass
surface : hot dip galvanized oversized	oppervlak : vuurverzinkt overmaats	surface : galv. à chaud surdimensionné	Oberfläche : feuerverzinkt übermass

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22
 * Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22
 * Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22
 * Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 24	54	60	73	39.55	15.35	36	ISO 4014

M x l	OLD CODE	NEW CODE	EAN	BOX
24 x 180	00931,24180 VZ	00093181002400180Z	5410439165235	20

M x l	OLD CODE	NEW CODE	EAN	BOX
24 x 200	00931,24200 VZ	00093181002400200Z	5410439165242	15

DIN 931 (09/1987) *

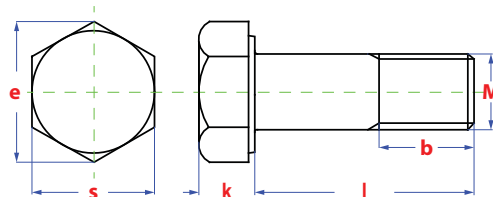
EN ISO 4014 (2001)**

HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Steel class 10.9	materiaal : Staal klasse 10.9	matière : Acier classe 10.9	Werkstoff : Stahl Klasse 10.9
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22

* Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22

* Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22

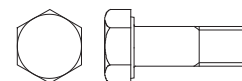
* Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 8	22	28	-	14.38	5.45	13	ISO 4014
M 10	26	32	45	18.9	6.58	17	DIN 931
M 12	30	36	49	21.1	7.68	19	
M 14	34	40	53	24.49	8.98	22	
M 16	38	44	57	26.17	10.18	24	ISO 4014
M 20	46	52	65	32.95	12.85	30	
M 24	54	60	73	39.55	15.35	36	

M x l	OLD CODE	NEW CODE	EAN	BOX
8 x 35	00931,08035 S-	000931100008000353	5410439135856	200
8 x 40	00931,08040 S-	000931100008000403	5410439135788	200
8 x 45	00931,08045 S-	000931100008000453	5410439135870	200
8 x 50	00931,08050 S-	000931100008000503	5410439133593	200
8 x 55	00931,08055 S-	000931100008000553	5410439135504	200
8 x 60	00931,08060 S-	000931100008000603	5410439135528	200
8 x 70	00931,08070 S-	000931100008000703	5410439136204	200
8 x 80	00931,08080 S-	000931100008000803	5410439135184	200
8 x 100	00931,08100 S-	000931100008001003	5410439135399	100
10 x 40	00931,10040 S-	000931100010000403	5410439305730	100
10 x 45	00931,10045 S-	000931100010000453	5410439134354	100
10 x 50	00931,10050 S-	000931100010000503	5410439134651	100
10 x 55	00931,10055 S-	000931100010000553	5410439139380	100
10 x 60	00931,10060 S-	000931100010000603	5410439134866	100
10 x 70	00931,10070 S-	000931100010000703	5410439134750	100
10 x 80	00931,10080 S-	000931100010000803	5410439135276	100
10 x 90	00931,10090 S-	000931100010000903	5410439134958	50
10 x 100	00931,10100 S-	000931100010001003	5410439133821	50
10 x 110	00931,10110 S-	000931100010001103	5410439142939	50
10 x 120	00931,10120 S-	000931100010001203	5410439135894	50
10 x 140	00931,10140 S-	000931100010001403	5410439139502	50
10 x 150	00931,10150 S-	000931100010001503	5410439135849	50
12 x 45	00931,12045 S-	000931100012000453	5410439141789	100

M x l	OLD CODE	NEW CODE	EAN	BOX
12 x 50	00931,12050 S-	000931100012000503	5410439135139	100
12 x 55	00931,12055 S-	000931100012000553	5410439138956	100
12 x 60	00931,12060 S-	000931100012000603	5410439140331	100
12 x 70	00931,12070 S-	000931100012000703	5410439136440	50
12 x 80	00931,12080 S-	000931100012000803	5410439139564	50
12 x 90	00931,12090 S-	000931100012000903	5410439134378	50
12 x 100	00931,12100 S-	000931100012001003	5410439140898	50
12 x 110	00931,12110 S-	000931100012001103	5410439136471	50
12 x 120	00931,12120 S-	000931100012001203	5410439135290	50
12 x 130	00931,12130 S-	000931100012001303	5410439142090	50
12 x 140	00931,12140 S-	000931100012001403	5410439134859	50
12 x 150	00931,12150 S-	000931100012001503	5410439141475	50
14 x 50	00931,14050 S-	000931100014000503	5410439134620	50
14 x 55	00931,14055 S-	000931100014000553	5410439141833	50
14 x 60	00931,14060 S-	000931100014000603	5410439135054	50
14 x 70	00931,14070 S-	000931100014000703	5410439135191	50
14 x 80	00931,14080 S-	000931100014000803	5410439135955	50
14 x 90	00931,14090 S-	000931100014000903	5410439139274	50
14 x 100	00931,14100 S-	000931100014001003	5410439140904	50
14 x 110	00931,14110 S-	000931100014001103	5410439140577	50
14 x 120	00931,14120 S-	000931100014001203	5410439141598	50
14 x 140	00931,14140 S-	000931100014001403	5410439142106	50
14 x 150	00931,14150 S-	000931100014001503	5410439143134	50

**A**

material : Steel class 10.9	materiaal : Staal klasse 10.9	matière : Acier classe 10.9	Werkstoff : Stahl Klasse 10.9
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

M x l	OLD CODE	NEW CODE	EAN	BOX
16 x 55	00931,16055 S-	000931100016000553	5410439139762	50
16 x 60	00931,16060 S-	000931100016000603	5410439134422	50
16 x 70	00931,16070 S-	000931100016000703	5410439134439	50
16 x 80	00931,16080 S-	000931100016000803	5410439134446	50
16 x 90	00931,16090 S-	000931100016000903	5410439139021	50
16 x 100	00931,16100 S-	000931100016001003	5410439134453	50
16 x 110	00931,16110 S-	000931100016001103	5410439139441	50
16 x 120	00931,16120 S-	000931100016001203	5410439135832	50
16 x 130	00931,16130 S-	000931100016001303	5410439134293	50
16 x 140	00931,16140 S-	000931100016001403	5410439137324	50
16 x 150	00931,16150 S-	000931100016001503	5410439135214	50
20 x 70	00931,20070 S-	000931100020000703	5410439134705	50
20 x 80	00931,20080 S-	000931100020000803	5410439141451	25

M x l	OLD CODE	NEW CODE	EAN	BOX
20 x 90	00931,20090 S-	000931100020000903	5410439136068	25
20 x 100	00931,20100 S-	000931100020001003	5410439139779	25
20 x 110	00931,20110 S-	000931100020001103	5410439142076	25
20 x 120	00931,20120 S-	000931100020001203	5410439139823	25
20 x 130	00931,20130 S-	000931100020001303	5410439139373	25
20 x 140	00931,20140 S-	000931100020001403	5410439134712	25
20 x 150	00931,20150 S-	000931100020001503	5410439134873	25
24 x 80	00931,24080 S-	000931100024000803	5410439136341	25
24 x 90	00931,24090 S-	000931100024000903	5410439134132	20
24 x 100	00931,24100 S-	000931100024001003	5410439136464	20
24 x 110	00931,24110 S-	000931100024001103	5410439139434	20
24 x 120	00931,24120 S-	000931100024001203	5410439135948	20

DIN 931 (09/1987) *

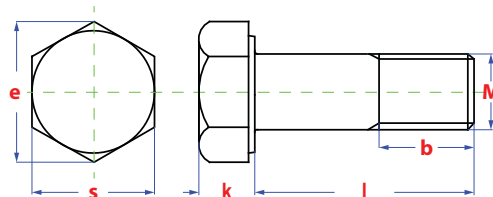
EN ISO 4014 (2001)**

HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Steel class 10.9	materiaal : Staal klasse 10.9	matière : Acier classe 10.9	Werkstoff : Stahl Klasse 10.9
type : standard	type : standaard	type : standard	Typ : normalmass
surface : zinc plated Cr3+	oppervlak : verzinkt Cr3+	surface : zingué Cr3+	Oberfläche : verzinkt Cr3+

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22

* Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22

* Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22

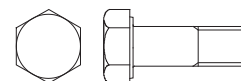
* Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 8	22	28	-	14.38	5.45	13	ISO 4014
M 10	26	32	45	18.9	6.58	17	DIN 931
M 12	30	36	49	21.1	7.68	19	
M 14	34	40	53	24.49	8.98	22	
M 16	38	44	57	26.17	10.18	24	ISO 4014
M 20	46	52	65	32.95	12.85	30	
M 24	54	60	73	39.55	15.35	36	

M x l	OLD CODE	NEW CODE	EAN	BOX
8 x 35	00931,08035 Z-	000931101008000353	5410439625401	200
8 x 40	00931,08040 Z-	000931101008000403	5410439625418	200
8 x 45	00931,08045 Z-	000931101008000453	5410439625425	200
8 x 50	00931,08050 Z-	000931101008000503	5410439625432	200
8 x 55	00931,08055 Z-	000931101008000553	5410439625449	200
8 x 60	00931,08060 Z-	000931101008000603	5410439625456	200
8 x 70	00931,08070 Z-	000931101008000703	5410439625463	200
8 x 80	00931,08080 Z-	000931101008000803	5410439625470	200
8 x 100	00931,08100 Z-	000931101008001003	5410439625487	100
10 x 40	00931,10040 Z-	000931101010000403	5410439356589	100
10 x 45	00931,10045 Z-	000931101010000453	5410439625494	100
10 x 50	00931,10050 Z-	000931101010000503	5410439235037	100
10 x 55	00931,10055 Z-	000931101010000553	5410439625500	100
10 x 60	00931,10060 Z-	000931101010000603	5410439625517	100
10 x 70	00931,10070 Z-	000931101010000703	5410439625524	100
10 x 80	00931,10080 Z-	000931101010000803	5410439625531	100
10 x 90	00931,10090 Z-	000931101010000903	5410439625548	50
10 x 100	00931,10100 Z-	000931101010001003	5410439625555	50
10 x 110	00931,10110 Z-	000931101010001103	5410439625562	50
10 x 120	00931,10120 Z-	000931101010001203	5410439626095	50
10 x 140	00931,10140 Z-	000931101010001403	5410439625579	50
10 x 150	00931,10150 Z-	000931101010001503	5410439625586	50
12 x 45	00931,12045 Z-	000931101012000453	5410439625982	100

M x l	OLD CODE	NEW CODE	EAN	BOX
12 x 50	00931,12050 Z-	000931101012000503	5410439625999	100
12 x 55	00931,12055 Z-	000931101012000553	5410439626002	100
12 x 60	00931,12060 Z-	000931101012000603	5410439626019	100
12 x 70	00931,12070 Z-	000931101012000703	5410439626026	50
12 x 80	00931,12080 Z-	000931101012000803	5410439626033	50
12 x 90	00931,12090 Z-	000931101012000903	5410439626040	50
12 x 100	00931,12100 Z-	000931101012001003	5410439626057	50
12 x 110	00931,12110 Z-	000931101012001103	5410439626064	50
12 x 120	00931,12120 Z-	000931101012001203	5410439626071	50
12 x 130	00931,12130 Z-	000931101012001303	5410439625593	50
12 x 140	00931,12140 Z-	000931101012001403	5410439625609	50
12 x 150	00931,12150 Z-	000931101012001503	5410439626088	50
14 x 50	00931,14050 Z-	000931101014000503	5410439625906	50
14 x 55	00931,14055 Z-	000931101014000553	5410439625616	50
14 x 60	00931,14060 Z-	000931101014000603	5410439625913	50
14 x 70	00931,14070 Z-	000931101014000703	5410439625920	50
14 x 80	00931,14080 Z-	000931101014000803	5410439625937	50
14 x 90	00931,14090 Z-	000931101014000903	5410439625944	50
14 x 100	00931,14100 Z-	000931101014001003	5410439625623	50
14 x 110	00931,14110 Z-	000931101014001103	5410439625951	50
14 x 120	00931,14120 Z-	000931101014001203	5410439625968	50
14 x 140	00931,14140 Z-	000931101014001403	5410439625975	50
14 x 150	00931,14150 Z-	000931101014001503	5410439625630	50

**A**

material : Steel class 10.9 type : standard surface : zinc plated Cr3+	materiaal : Staal klasse 10.9 type : standaard oppervlak : verzinkt Cr3+	matière : Acier classe 10.9 type : standard surface : zingué Cr3+	Werkstoff : Stahl Klasse 10.9 Typ : normalmass Oberfläche : verzinkt Cr3+
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M x l	OLD CODE	NEW CODE	EAN	BOX
16 x 55	00931,16055 Z-	000931101016000553	5410439625692	50
16 x 60	00931,16060 Z-	000931101016000603	5410439625708	50
16 x 70	00931,16070 Z-	000931101016000703	5410439625715	50
16 x 80	00931,16080 Z-	000931101016000803	5410439625722	50
16 x 90	00931,16090 Z-	000931101016000903	5410439625739	50
16 x 100	00931,16100 Z-	000931101016001003	5410439625746	50
16 x 110	00931,16110 Z-	000931101016001103	5410439625753	50
16 x 120	00931,16120 Z-	000931101016001203	5410439625760	50
16 x 130	00931,16130 Z-	000931101016001303	5410439625777	50
16 x 140	00931,16140 Z-	000931101016001403	5410439625784	50
16 x 150	00931,16150 Z-	000931101016001503	5410439625791	50
20 x 70	00931,20070 Z-	000931101020000703	5410439625814	50
20 x 80	00931,20080 Z-	000931101020000803	5410439625821	25

M x l	OLD CODE	NEW CODE	EAN	BOX
20 x 90	00931,20090 Z-	000931101020000903	5410439625838	25
20 x 100	00931,20100 Z-	000931101020001003	5410439625845	25
20 x 110	00931,20110 Z-	000931101020001103	5410439625852	25
20 x 120	00931,20120 Z-	000931101020001203	5410439625869	25
20 x 130	00931,20130 Z-	000931101020001303	5410439625876	25
20 x 140	00931,20140 Z-	000931101020001403	5410439625883	25
20 x 150	00931,20150 Z-	000931101020001503	5410439625890	25
24 x 80	00931,24080 Z-	000931101024000803	5410439625647	25
24 x 90	00931,24090 Z-	000931101024000903	5410439625654	20
24 x 100	00931,24100 Z-	000931101024001003	5410439625661	20
24 x 110	00931,24110 Z-	000931101024001103	5410439625678	20
24 x 120	00931,24120 Z-	000931101024001203	5410439625685	20

DIN 931 (09/1987) *

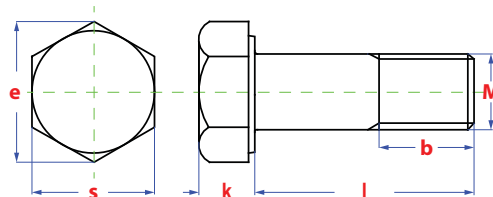
EN ISO 4014 (2001)**

HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Steel class 12.9	materiaal : Staal klasse 12.9	matière : Acier classe 12.9	Werkstoff : Stahl Klasse 12.9
type : standard	type : standaard	type : standard	Typ : normalmass
surface : zinc plated Cr3+	oppervlak : verzinkt Cr3+	surface : zingué Cr3+	Oberfläche : verzinkt Cr3+

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22

* Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22

* Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22

* Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 8	22	28	-	14.38	5.45	13	ISO 4014
M 10	26	32	45	18.9	6.58	17	DIN 931
M 12	30	36	49	21.1	7.68	19	
M 14	34	40	53	24.49	8.98	22	
M 16	38	44	57	26.17	10.18	24	ISO 4014
M 20	46	52	65	32.95	12.85	30	
M 24	54	60	73	39.55	15.35	36	
M 27	60	66	79	45.2	17.35	41	
M 30	66	72	85	50.85	19.12	46	

M x l	OLD CODE	NEW CODE	EAN	BOX
8 x 40	00931,08040 Z*	000931101008000403	5410439050234	200
8 x 45	00931,08045 Z*	000931101008000453	5410439050289	200
8 x 50	00931,08050 Z*	000931101008000503	5410439050333	200
8 x 60	00931,08060 Z*	000931101008000603	5410439050425	200
10 x 40	00931,10040 Z*	000931101010000403	5410439050814	100
10 x 50	00931,10050 Z*	000931101010000503	5410439050913	100
10 x 60	00931,10060 Z*	000931101010000603	5410439051002	100
10 x 70	00931,10070 Z*	000931101010000703	5410439051095	100
10 x 80	00931,10080 Z*	000931101010000803	5410439051156	100
10 x 100	00931,10100 Z*	0009311010100001003	5410439051255	50
10 x 160	00931,10160 Z*	0009318010100001603	5410439107136	50
12 x 40	00931,12040 Z*	000931801012000403	5410439101370	100
12 x 55	00931,12055 Z*	000931101012000553	5410439051507	100
12 x 60	00931,12060 Z*	000931101012000603	5410439051552	100
12 x 70	00931,12070 Z*	000931101012000703	5410439051644	50
12 x 75	00931,12075 Z*	000931801012000753	5410439051668	50
12 x 110	00931,12110 Z*	000931101012001103	5410439051842	50
12 x 150	00931,12150 Z*	000931101012001503	5410439307888	50
14 x 60	00931,14060 Z*	000931101014000603	5410439052023	50

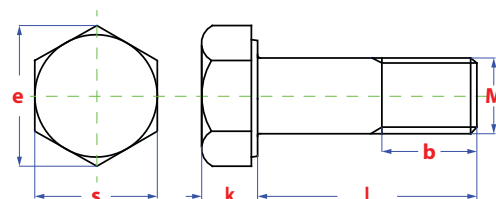
M x l	OLD CODE	NEW CODE	EAN	BOX
14 x 70	00931,14070 Z*	000931101014000703	5410439052078	50
16 x 70	00931,16070 Z*	000931101016000703	5410439052498	50
16 x 90	00931,16090 Z*	000931101016000903	5410439052627	50
16 x 110	00931,16110 Z*	000931101016001103	5410439052726	50
16 x 200	00931,16200 Z*	000931801016002003	5410439103091	25
20 x 100	00931,20100 Z*	000931101020001003	5410439053440	25
24 x 100	00931,24100 Z*	000931101024001003	5410439054126	20
24 x 120	00931,24120 Z*	000931101024001203	5410439054201	20
24 x 140	00931,24140 Z*	000931801024001403	5410439054263	20
24 x 160	00931,24160 Z*	000931801024001603	5410439054317	20
24 x 180	00931,24180 Z*	000931801024001803	5410439100229	20
24 x 200	00931,24200 Z*	000931801024002003	5410439100236	15
24 x 220	00931,24220 Z*	000931801024002203	5410439186100	15
27 x 200	00931,27200 Z*	000931801027002003	5410439100250	10
30 x 100	00931,30100 Z*	000931801030001003	5410439163019	15
30 x 150	00931,30150 Z*	000931801030001503	5410439163033	10
30 x 160	00931,30160 Z*	000931801030001603	5410439175548	10
30 x 200	00931,30200 Z*	000931801030002003	5410439187763	10

HEXAGON HEAD BOLT WITH PARTIAL THREAD

ZESKANTBOUT MET DEELDRAAD

VIS HEXAGON PARTIELLEMENT FILETÉ

SECHSKANTSCHRAUBE MIT TEILGEWINDE



material : Stainless steel A2	materiaal : Roestvast staal A2	matière : Inox A2	Werkstoff : Edelstahl A2
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

* Cancelled since 10/1991 ** Identical unless for M10,12,14,22

* Vervallen vanaf 10/1991 ** Identiek buiten SW M10,12,14,22

* Retiré à partir de 10/1991 ** Identique sauf M10,12,14,22

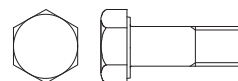
* Storniert ab 10/1991 ** Identisch ausser M10,12,14,22

Technical properties | Technische gegevens | Données techniques | Technische Daten

M	b1<125	b2<200	b3>200	e min.	k max.	s max.	screw
M 5	16	22	-	8.79	3.65	8	ISO 4014
M 6	18	24		11.05	4.15	10	
M 8	22	28		14.38	5.45	13	
M 10	26	32	45	18.9	6.58	17	DIN 931
M 12	30	36	49	21.1	7.68	19	
M 14	34	40	53	24.49	8.98	22	
M 16	38	44	57	26.17	10.18	24	ISO 4014
M 20	46	52	65	32.95	12.85	30	
M 24	54	60	73	39.55	15.35	36	

M x l	OLD CODE	NEW CODE	EAN	BOX
5 x 30	00931,05030 A2	000931A70005000303	5410439117265	200
5 x 35	00931,05035 A2	000931A70005000353	5410439102605	200
5 x 40	00931,05040 A2	000931A70005000403	5410439102612	200
5 x 45	00931,05045 A2	000931A70005000453	5410439102629	200
5 x 50	00931,05050 A2	000931A70005000503	5410439102636	200
5 x 55	00931,05055 A2	000931A70005000553		200
5 x 60	00931,05060 A2	000931A70005000603		200
5 x 65	00931,05065 A2	000931A70005000653		200
5 x 70	00931,05070 A2	000931A70005000703		200
5 x 80	00931,05080 A2	000931A70005000803		200
5 x 90	00931,05090 A2	000931A70005000903		200
5 x 100	00931,05100 A2	000931A70005001003		200
6 x 30	00931,06030 A2	000931A70006000303	5410439049627	200
6 x 35	00931,06035 A2	000931A70006000353	5410439049665	200
6 x 40	00931,06040 A2	000931A70006000403	5410439049702	200
6 x 45	00931,06045 A2	000931A70006000453	5410439049757	200
6 x 50	00931,06050 A2	000931A70006000503	5410439049801	200
6 x 55	00931,06055 A2	000931A70006000553	5410439049856	100
6 x 60	00931,06060 A2	000931A70006000603	5410439049887	100
6 x 65	00931,06065 A2	000931A70006000653	5410439049931	100
6 x 70	00931,06070 A2	000931A70006000703	5410439049955	100

M x l	OLD CODE	NEW CODE	EAN	BOX
6 x 80	00931,06080 A2	000931A70006000803	5410439102667	100
6 x 90	00931,06090 A2	000931A70006000903	5410439102674	100
6 x 100	00931,06100 A2	000931A70006001003	5410439102681	100
6 x 110	00931,06110 A2	000931A70006001103	5410439117272	100
6 x 120	00931,06120 A2	000931A70006001203	5410439117289	100
8 x 35	00931,08035 A2	000931A70008000353	5410439050159	100
8 x 40	00931,08040 A2	000931A70008000403	5410439050197	100
8 x 45	00931,08045 A2	000931A70008000453	5410439050241	100
8 x 50	00931,08050 A2	000931A70008000503	5410439050296	100
8 x 55	00931,08055 A2	000931A70008000553	5410439050340	100
8 x 60	00931,08060 A2	000931A70008000603	5410439050388	100
8 x 65	00931,08065 A2	000931A70008000653	5410439050432	100
8 x 70	00931,08070 A2	000931A70008000703	5410439050470	100
8 x 80	00931,08080 A2	000931A70008000803	5410439050524	100
8 x 90	00931,08090 A2	000931A70008000903	5410439050579	50
8 x 100	00931,08100 A2	000931A70008001003	5410439050623	50
8 x 110	00931,08110 A2	000931A70008001103	5410439102711	50
8 x 120	00931,08120 A2	000931A70008001203	5410439102728	50
10 x 40	00931,10040 A2	000931A70010000403	5410439050784	100
10 x 45	00931,10045 A2	000931A70010000453	5410439050821	100
10 x 50	00931,10050 A2	000931A70010000503	5410439050876	50



material : Stainless steel A2	materiaal : Roestvast staal A2	matière : Inox A2	Werkstoff : Edelstahl A2
type : standard	type : standaard	type : standard	Typ : normalmass
surface : plain	oppervlak : blank	surface : brut	Oberfläche : roh

M x l	OLD CODE	NEW CODE	EAN	BOX
10 x 55	00931,10055 A2	000931A70010000553	5410439050920	50
10 x 60	00931,10060 A2	000931A70010000603	5410439050968	50
10 x 65	00931,10065 A2	000931A70010000653	5410439051019	50
10 x 70	00931,10070 A2	000931A70010000703	5410439051057	50
10 x 80	00931,10080 A2	000931A70010000803	5410439051118	50
10 x 90	00931,10090 A2	000931A70010000903	5410439051163	50
10 x 100	00931,10100 A2	000931A70010001003	5410439051217	50
10 x 110	00931,10110 A2	000931A70010001103	5410439102773	50
10 x 120	00931,10120 A2	000931A70010001203	5410439102780	50
10 x 130	00931,10130 A2	000931A70010001303	5410439117296	50
10 x 140	00931,10140 A2	000931A70010001403	5410439117302	50
10 x 150	00931,10150 A2	000931A70010001503	5410439117319	50
12 x 45	00931,12045 A2	000931A70012000453	5410439051385	50
12 x 50	00931,12050 A2	000931A70012000503	5410439051422	50
12 x 55	00931,12055 A2	000931A70012000553	5410439051477	50
12 x 60	00931,12060 A2	000931A70012000603	5410439051514	50
12 x 65	00931,12065 A2	000931A70012000653	5410439051569	50
12 x 70	00931,12070 A2	000931A70012000703	5410439051606	50
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12 x 90	00931,12090 A2	000931A70012000903	5410439051729	25
12 x 100	00931,12100 A2	000931A70012001003	5410439051774	25
12 x 110	00931,12110 A2	000931A70012001103	5410439102834	25
12 x 120	00931,12120 A2	000931A70012001203	5410439102841	25
12 x 130	00931,12130 A2	000931A70012001303	5410439102858	25
12 x 140	00931,12140 A2	000931A70012001403	5410439102865	25
14 x 50	00931,14050 A2	000931A70014000503	5410439102940	50
14 x 60	00931,14060 A2	000931A70014000603	5410439102957	50
14 x 70	00931,14070 A2	000931A70014000703	5410439102964	50
14 x 80	00931,14080 A2	000931A70014000803	5410439102971	50
14 x 90	00931,14090 A2	000931A70014000903	5410439117326	50
14 x 100	00931,14100 A2	000931A70014001003	5410439102988	50
14 x 110	00931,14110 A2	000931A70014001103	5410439117333	25
14 x 120	00931,14120 A2	000931A70014001203	5410439117340	25
16 x 50	00931,16050 A2	000931A70016000503	5410439052283	25
16 x 55	00931,16055 A2	000931A70016000553	5410439052306	25

M x l	OLD CODE	NEW CODE	EAN	BOX
16 x 60	00931,16060 A2	000931A70016000603	5410439052351	25
16 x 65	00931,16065 A2	000931A70016000653	5410439052405	25
16 x 70	00931,16070 A2	000931A70016000703	5410439052450	25
16 x 80	00931,16080 A2	000931A70016000803	5410439052535	25
16 x 90	00931,16090 A2	000931A70016000903	5410439052580	25
16 x 100	00931,16100 A2	000931A70016001003	5410439052634	25
16 x 110	00931,16110 A2	000931A70016001103	5410439052689	25
16 x 120	00931,16120 A2	000931A70016001203	5410439052733	25
16 x 130	00931,16130 A2	000931A70016001303	5410439103039	25
16 x 140	00931,16140 A2	000931A70016001403	5410439103046	25
16 x 150	00931,16150 A2	000931A70016001503	5410439103053	25
16 x 160	00931,16160 A2	000931A70016001603	5410439117357	25
20 x 65	00931,20065 A2	000931A70020000653	5410439053204	25
20 x 70	00931,20070 A2	000931A70020000703	5410439053235	25
20 x 80	00931,20080 A2	000931A70020000803	5410439053303	25
20 x 90	00931,20090 A2	000931A70020000903	5410439053358	25
20 x 100	00931,20100 A2	000931A70020001003	5410439053402	25
20 x 110	00931,20110 A2	000931A70020001103	5410439053457	25
20 x 120	00931,20120 A2	000931A70020001203	5410439053501	25
20 x 130	00931,20130 A2	000931A70020001303	5410439103220	25
20 x 140	00931,20140 A2	000931A70020001403	5410439103237	25
20 x 150	00931,20150 A2	000931A70020001503	5410439103244	25
20 x 160	00931,20160 A2	000931A70020001603	5410439117395	25
24 x 80	00931,24080 A2	000931A70024000803	5410439054010	20
24 x 90	00931,24090 A2	000931A70024000903	5410439054058	10
24 x 100	00931,24100 A2	000931A70024001003	5410439054096	10
24 x 110	00931,24110 A2	000931A70024001103	5410439054133	10
24 x 120	00931,24120 A2	000931A70024001203	5410439054171	10
24 x 130	00931,24130 A2	000931A70024001303	5410439103343	10
24 x 140	00931,24140 A2	000931A70024001403	5410439103350	10
24 x 150	00931,24150 A2	000931A70024001503	5410439103367	10
24 x 160	00931,24160 A2	000931A70024001603	5410439117449	10
24 x 180	00931,24180 A2	000931A70024001803	5410439117456	10
24 x 200	00931,24200 A2	000931A70024002003	5410439117463	10