



HEXAGONAL HEAD BOLT WITH NUT

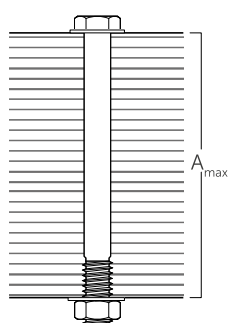
- Cylindrical metal connector with CE marking according to EN 14592
- Carbon steel of strength grade 8.8 for all hexagonal head bolts (KOS)
- Hexagonal head bolt supplied with an incorporated nut (for the carbon steel version)

Steel class 8.8 - zinc plated
DIN 601 (ISO 4016*)



CODE	d		L		b		A _{max}	pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]		
KOS12100B	100	4	30	1 3/16	75	2 15/16	25	
KOS12120B	120	4 3/4	30	1 3/16	95	3 3/4	25	
KOS12140B	140	5 1/2	36	1 7/16	115	4 1/2	25	
KOS12160B	160	6 1/4	36	1 7/16	135	5 5/16	25	
KOS12180B	180	7 1/8	36	1 7/16	155	6 1/8	25	
KOS12200B	200	8	36	1 7/16	175	6 7/8	25	
KOS12220B	220	8 5/8	49	1 15/16	195	7 11/16	25	
KOS12240B	240	9 1/2	49	1 15/16	215	8 7/16	25	
KOS12260B	260	10 1/4	49	1 15/16	235	9 1/4	25	
KOS12280B	280	11	49	1 15/16	255	10 1/16	25	
KOS12300B	300	11 3/4	49	1 15/16	275	10 7/8	25	
KOS12320B	320	12 5/8	49	1 15/16	295	11 5/8	25	
KOS12340B	340	13 3/8	49	1 15/16	315	12 3/8	25	
KOS12360B	360	14 1/4	49	1 15/16	335	13 3/16	25	
KOS12380B	380	15	49	1 15/16	355	14	25	
KOS12400B	400	15 3/4	49	1 15/16	375	14 3/4	25	
M12 0.48 SW 19								
KOS16140B	140	5 1/2	44	1 3/4	105	4 1/8	15	
KOS16160B	160	6 1/4	44	1 3/4	125	4 15/16	15	
KOS16180B	180	7 1/8	44	1 3/4	145	5 11/16	15	
KOS16200B	200	8	44	1 3/4	165	6 1/2	15	
KOS16220B	220	8 5/8	57	2 1/4	185	7 1/4	15	
KOS16240B	240	9 1/2	57	2 1/4	205	8 1/16	15	
KOS16260B	260	10 1/4	57	2 1/4	225	8 7/8	15	
KOS16280B	280	11	57	2 1/4	245	9 5/8	15	
KOS16300B	300	11 3/4	57	2 1/4	265	10 7/16	15	
KOS16320B	320	12 5/8	57	2 1/4	285	11 1/4	15	
KOS16340B	340	13 3/8	57	2 1/4	305	12	15	
KOS16360B	360	14 1/4	57	2 1/4	325	12 3/4	15	
KOS16380B	380	15	57	2 1/4	345	13 9/16	15	
KOS16400B	400	15 3/4	57	2 1/4	365	14 3/8	15	
KOS16420B	420	16 9/16	57	2 1/4	385	15 3/16	15	
KOS16440B	440	17 1/4	57	2 1/4	405	15 15/16	15	
KOS16460B	460	18 1/8	57	2 1/4	425	16 3/4	15	
KOS16500B	500	19 3/4	57	2 1/4	465	18 5/16	15	
M16 0.63 SW 24								
KOS20140B	140	5 1/2	52	2 1/16	95	3 3/4	10	
KOS20160B	160	6 1/4	52	2 1/16	115	4 1/2	10	
KOS20180B	180	7 1/8	52	2 1/16	135	5 5/16	10	
KOS20200B	200	8	52	2 1/16	155	6 1/8	10	
KOS20220B	220	8 5/8	65	2 9/16	175	6 7/8	10	
KOS20240B	240	9 1/2	65	2 9/16	195	7 11/16	10	
KOS20260B	260	10 1/4	65	2 9/16	215	8 7/16	10	
KOS20280B	280	11	65	2 9/16	235	9 1/4	10	
KOS20300B	300	11 3/4	65	2 9/16	255	10 1/16	10	
KOS20320B	320	12 5/8	65	2 9/16	275	10 7/8	10	
KOS20340B	340	13 3/8	65	2 9/16	295	11 5/8	10	
KOS20360B	360	14 1/4	65	2 9/16	315	12 3/8	10	
KOS20380B	380	15	65	2 9/16	335	13 3/16	10	
KOS20400B	400	15 3/4	65	2 9/16	355	14	10	
KOS20420B	420	16 9/16	65	2 9/16	375	14 3/4	10	
KOS20440B	440	17 1/4	65	2 9/16	395	15 9/16	10	
KOS20460B	460	18 1/8	65	2 9/16	415	16 5/16	10	
M20 0.79 SW 30								

A_{max} maximum fastening thickness



The maximum attachable thickness A_{max} is calculated considering the use of NUT MUT934 and 2 washers ULS DIN 440.
(* Standard ISO 4016 differs from standard DIN 601 in the M12 diameter for parameter SW.