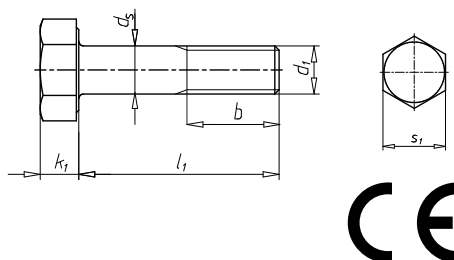


HEXAGONAL BOLT FOR HIGH-STRENGTH FITTINGS

DIN EN 14399-4 steel 10.9, hot-dip galvanised (TZN)



Thread type x nominal diameter (d _f)	Length (l _f)	Head height (k _f)	External drive (s _f)	Shaft diameter (d _s)	Thread length (metric thread) (b)	Pitch	Min./max. pack thickness	Min./max. grip length	Art. No.	P. Qty.
M16	135 mm	10 mm	WS27	16 mm	28 mm	2 mm	104-109 mm	112-117 mm	0079 416 135	1/25
M16	140 mm	10 mm	WS27	16 mm	28 mm	2 mm	109-114 mm	117-122 mm	0079 416 140	1/25
M16	145 mm	10 mm	WS27	16 mm	28 mm	2 mm	114-119 mm	122-127 mm	0079 416 145	1/25
M16	150 mm	10 mm	WS27	16 mm	28 mm	2 mm	119-124 mm	127-132 mm	0079 416 150	1/25
M16	155 mm	10 mm	WS27	16 mm	28 mm	2 mm	124-129 mm	132-137 mm	0079 416 155	1/25
M16	160 mm	10 mm	WS27	16 mm	28 mm	2 mm	129-134 mm	137-142 mm	0079 416 160	1/25
M16	165 mm	10 mm	WS27	16 mm	28 mm	2 mm	134-139 mm	142-147 mm	0079 416 165	1/25
M16	170 mm	10 mm	WS27	16 mm	28 mm	2 mm	139-144 mm	147-152 mm	0079 416 170	1/25
M16	175 mm	10 mm	WS27	16 mm	28 mm	2 mm	144-149 mm	152-157 mm	0079 416 175	1/25
M16	180 mm	10 mm	WS27	16 mm	28 mm	2 mm	149-154 mm	157-162 mm	0079 416 180	1/25
M16	190 mm	10 mm	WS27	16 mm	28 mm	2 mm	159-164 mm	167-172 mm	0079 416 190	1/25
M16	200 mm	10 mm	WS27	16 mm	28 mm	2 mm	169-174 mm	177-182 mm	0079 416 200	1/25
M20	40 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	5-10 mm	13-18 mm	0079 420 40	1/25
M20	45 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	10-15 mm	18-23 mm	0079 420 45	1/25
M20	50 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	15-20 mm	23-28 mm	0079 420 50	1/25
M20	55 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	20-25 mm	28-33 mm	0079 420 55	1/25
M20	60 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	25-30 mm	33-38 mm	0079 420 60	1/25
M20	65 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	30-35 mm	38-43 mm	0079 420 65	1/25
M20	70 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	35-40 mm	43-48 mm	0079 420 70	1/25
M20	75 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	40-45 mm	48-53 mm	0079 420 75	1/25
M20	80 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	45-50 mm	53-58 mm	0079 420 80	1/25
M20	85 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	50-55 mm	58-63 mm	0079 420 85	1/25
M20	90 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	55-60 mm	63-68 mm	0079 420 90	1/25
M20	95 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	60-65 mm	68-73 mm	0079 420 95	1/25
M20	100 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	65-70 mm	73-78 mm	0079 420 100	1/25
M20	105 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	70-75 mm	78-83 mm	0079 420 105	1/25
M20	110 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	75-80 mm	83-88 mm	0079 420 110	1/25
M20	115 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	80-85 mm	88-93 mm	0079 420 115	1/25
M20	120 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	85-90 mm	93-98 mm	0079 420 120	1/25
M20	125 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	90-95 mm	98-103 mm	0079 420 125	1/25
M20	130 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	95-100 mm	103-108 mm	0079 420 130	1/25
M20	135 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	100-105 mm	108-113 mm	0079 420 135	1/25
M20	140 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	105-110 mm	113-118 mm	0079 420 140	1/25
M20	145 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	110-115 mm	118-123 mm	0079 420 145	1/25
M20	150 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	115-120 mm	123-128 mm	0079 420 150	1/25
M20	155 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	120-125 mm	128-133 mm	0079 420 155	1/15
M20	160 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	125-130 mm	133-138 mm	0079 420 160	1/15
M20	165 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	130-135 mm	138-143 mm	0079 420 165	1/15
M20	170 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	135-140 mm	143-148 mm	0079 420 170	1/15
M20	175 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	140-145 mm	148-153 mm	0079 420 175	1/15
M20	180 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	145-150 mm	153-158 mm	0079 420 180	1/15
M20	190 mm	13 mm	WS32	20 mm	33 mm	2.5 mm	155-160 mm	163-168 mm	0079 420 190	1/15