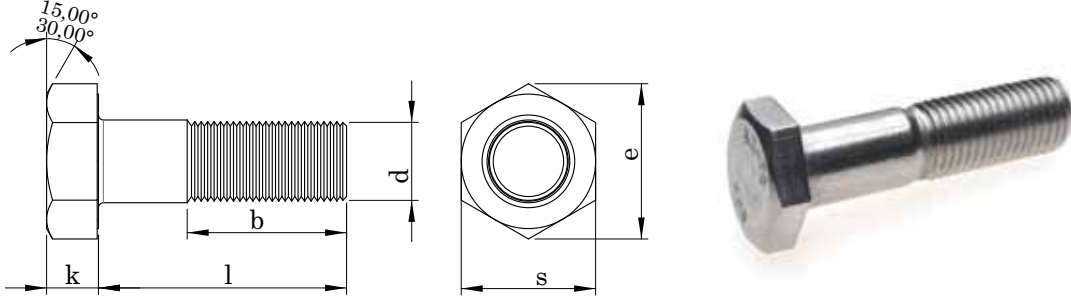


DIN 931 ISO 4014 A2-A4**ALTI KÖŞE BAŞLI YARIM DİŞ CİVATA
HEXAGON HEAD BOLT
SECHSKANTSCHRAUBE MIT SCHAFT****Technical Informations / Teknik Bilgiler**

Thread size / Anma çapı (d)		M3	M4	M5	M6	M7	M8	M10	M12	
Pitch / Diş adımı	P	0,50	0,70	0,80	1,00	1,00	1,25	1,50	1,75	
	Norminal size	2,00	2,80	3,50	4,00	4,80	5,30	6,40	7,50	
Head height / Kafa yüksekliği k	A	min.	1,88	2,68	3,35	3,85	4,65	5,15	6,22	7,32
		max.	2,12	2,92	3,65	4,15	4,95	5,45	6,58	7,68
	B	min.								
		max.								
Head width / Anahtar ağızı	Product Grade	Norminal size max.	5,50	7,00	8,00	10,00	11,00	13,00	17,00	19,00
		s	5,32	6,78	7,78	9,78	10,73	12,73	16,73	18,67
	min.	A								
		B								
Diagonal / Köşegen e	Product Grade	min.	6,01	7,66	8,79	11,05	12,12	14,38	18,90	21,10
		A								
	B									
		b ¹	12,00	14,00	16,00	18,00	20,00	22,00	25,00	30,00
Thread length / Diş uzunluğu	b ²			22,00	24,00	26,00	28,00	32,00	36,00	
	b ³							45,00	49,00	

b¹: Thread length for bolts up to 125mm. /125mm. Boya kadar olan civatalar için diş boyu.

b²: Thread length for bolts between 125mm. & 200mm. /125mm & 200mm. Boylar arasındaki civatalar için diş boyu.

b³: Thread length for bolts more than 200mm. /200mm. 'Den uzun boylu civatalar için diş boyu.

Thread size / Anma çapı (d)	Product Grade		M3	M4	M5	M6	M7	M8	M10	M12
	A	B	Weight / Ağırlık gr/p							
Length/ Boy	min.	max.	min.	max.						
12	11,65	12,35								
14	13,65	14,35								
16	15,65	16,35								
18	17,65	18,35								
20	19,58	20,42	1,29							
22	21,58	22,42	1,43							
25	24,58	25,42	1,57	3,12	4,86					
28	27,58	28,42	1,74	3,41	5,25					
30	29,58	30,42	1,85	3,61	5,64	8,06	12,10			
35	34,50	35,50		4,04	6,42	9,13	13,60	18,20	44,60	42,13
40	39,50	40,50		4,53	7,20	10,20	15,10	20,30	35,00	49,10

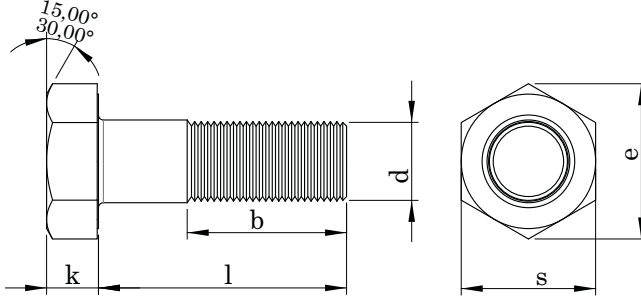
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 931 ISO 4014 A2-A4

ALTI KÖŞE BAŞLI YARIM DİŞ CİVATA

HEXAGON HEAD BOLT

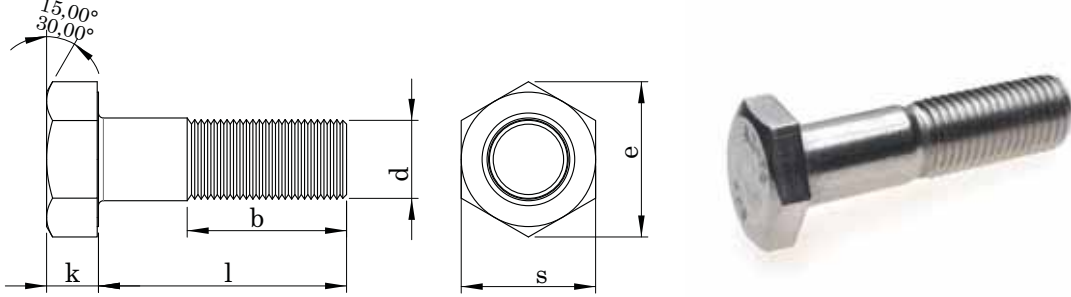
SECHSKANTSCHRAUBE MIT SCHAFT



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	Product Grade		M3	M4	M5	M6	M7	M8	M10	M12
	A	B								
Length / Boy	min.	max.								
45	44,50	45,50			7,98	11,30	16,60	22,20	38,00	53,60
50	49,50	50,50			8,76	12,30	18,10	24,20	41,10	58,10
55	54,40	55,60				13,40	19,50	25,80	43,80	62,60
60	59,40	60,60				14,40	21,00	27,80	46,90	67,00
65	64,40	65,60					22,50	29,80	50,00	70,30
70	69,40	70,60					24,00	31,80	53,10	74,70
75	74,40	75,60						33,70	56,20	79,10
80	79,40	80,60						35,70	59,30	83,60
85	84,30	85,70						37,70	62,40	88,10
90	89,30	90,70						39,50	65,50	92,40
95	94,30	95,70						41,40	68,60	96,80
100	99,30	100,70						43,30	71,70	101,00
110	109,30	110,70								109,00
120	119,30	120,70								118,00
130	129,20	130,80								
140	139,20	140,80								
150	149,20	150,80								
160	159,20	160,80	158,00	162,00						
170	169,20	170,80	168,00	172,00						
180	179,20	180,80	178,00	182,00						
190	189,10	190,90	187,70	192,30						
200	199,10	200,90	197,70	202,30						
220	-	-	217,70	222,30						
240	-	-	237,70	242,30						
260	-	-	257,40	262,60						
280	-	-	277,40	282,60						
300	-	-	297,40	302,60						

Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 931 ISO 4014 A2-A4**ALTI KÖŞE BAŞLI YARIM DİŞ CİVATA
HEXAGON HEAD BOLT
SECHSKANTSCHRAUBE MIT SCHAFT****Technical Informations / Teknik Bilgiler**

Thread size / Anma çapı (d)		M14	M16	M18	M20	M22	
Pitch / Diş adımı	P	2,00	2,00	2,50	2,50	2,50	
Head height / Kafa yüksekliği k	A	Normal size max.	8,80	10,00	11,50	12,50	14,00
		min.	8,62	9,82	11,28	12,28	13,78
	B	max.	8,98	10,18	11,72	12,72	14,22
		min.		9,71	11,15	12,15	13,65
Head width / Anahtar ağızı	Product Grade	Normal size max.	22,00	24,00	27,00	30,00	32,00
		min.	21,67	23,67	26,67	29,67	31,61
	Product Grade	A		23,16	26,16	29,16	31,00
		B		26,17	29,56	32,95	35,03
Diagonal / Köşegen e	Product Grade	min.	24,49	26,75	30,14	33,53	35,72
		A		26,17	29,56	32,95	35,03
	B						
Thread length / Diş uzunluğu	b ¹	34,00	38,00	42,00	46,00	50,00	
	b ²	40,00	44,00	48,00	52,00	56,00	
	b ³	53,00	57,00	63,00	65,00	69,00	

b¹: Thread length for bolts up to 125mm. /125mm. Boya kadar olan civatalar için diş boyu.

b²: Thread length for bolts between 125mm. & 200mm. /125mm & 200mm. Boylar arasındaki civatalar için diş boyu.

b³: Thread length for bolts more than 200mm. /200mm. 'Den uzun boylu civatalar için diş boyu.

Thread size / Anma çapı (d)	Product Grade		M14	M16	M18	M20	M22
	A	B					
Length/ Boy	min.	max.	Weight / Ağırlık gr/p				
12	11,65	12,35					
14	13,65	14,35					
16	15,65	16,35					
18	17,65	18,35					
20	19,58	20,42					
22	21,58	22,42					
25	24,58	25,42					
28	27,58	28,42					
30	29,58	30,42					
35	34,50	35,50					
40	39,50	40,50					
45	44,50	45,50		99,00			
50	49,50	50,50	82,00	107,00			

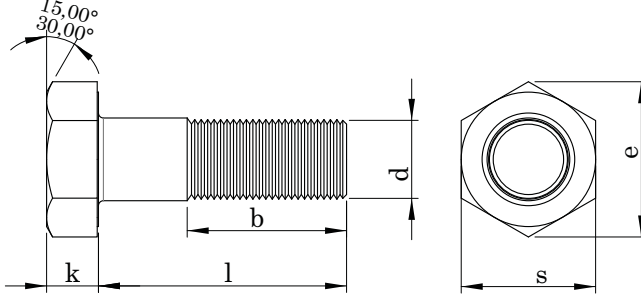
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 931 ISO 4014 A2-A4

ALTI KÖŞE BAŞLI YARIM DİŞ CİVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT SCHAFT



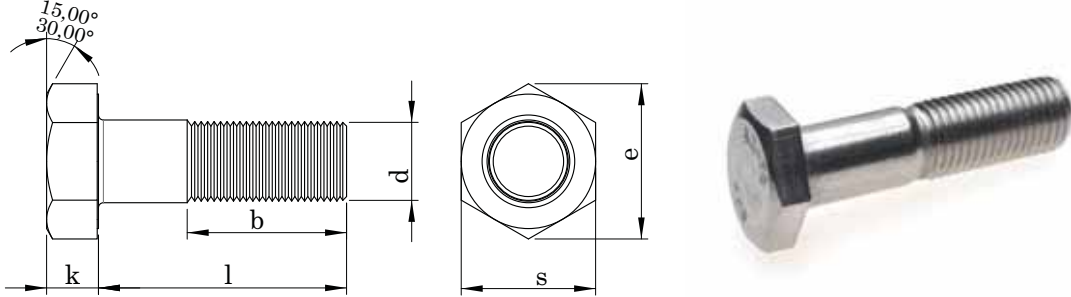
Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	Product Grade				M14	M16	M18	M20	M22
	A		B						
Length / Boy	min.	max.	min.	max.	Weight / Ağırlık gr/p				
55	54,40	55,60			88,10	115,00	151,00		
60	59,40	60,60			94,10	123,00	161,00	207,00	
65	64,40	65,60			98,80	131,00	171,00	219,00	
70	69,40	70,60			105,00	139,00	181,00	231,00	281,00
75	74,40	75,60			111,00	147,00	191,00	243,00	296,00
80	79,40	80,60			117,00	155,00	200,00	255,00	311,00
85	84,30	85,70			123,00	163,00	210,00	267,00	326,00
90	89,30	90,70			127,00	171,00	220,00	279,00	341,00
95	94,30	95,70			133,00	179,00	230,00	291,00	356,00
100	99,30	100,70			139,00	186,00	240,00	303,00	370,00
110	109,30	110,70			151,00	202,00	260,00	327,00	400,00
120	119,30	120,70			164,00	218,00	280,00	351,00	430,00
130	129,20	130,80			174,00	230,00	296,00	374,00	450,00
140	139,20	140,80			185,00	246,00	316,00	398,00	480,00
150	149,20	150,80				262,00	336,00	422,00	510,00
160	159,20	160,80	158,00	162,00	278,00	356,00	446,00	540,00	
170	169,20	170,80	168,00	172,00	294,00	376,00	470,00	570,00	
180	179,20	180,80	178,00	182,00	310,00	396,00	494,00	600,00	
190	189,10	190,90	187,70	192,30	326,00	415,00	519,00	630,00	
200	199,10	200,90	197,70	202,30	342,00	435,00	544,00	660,00	
220			217,70	222,30					720,00
240			237,70	242,30					
260			257,40	262,60					
280			277,40	282,60					
300			297,40	302,60					

Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 931 ISO 4014 A2-A4

ALTI KÖŞE BAŞLI YARIM DIŞ CIVATA
HEXAGON HEAD BOLT
SECHSKANTSCHRAUBE MIT SCHAFT



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)		M24	M27	M30	M33	M36	M39
Pitch / Diş adımı	P	3,00	3,00	3,50	3,50	4,00	4,00
Nominal size		15,00	17,00	18,70	21,00	22,50	25,00
Head height / Kafa yüksekliği k	A min.	14,78					
	A max.	15,22					
Head with / Anahtar ağız	B min.	14,65	16,65	18,28	20,58	22,08	24,58
	B max.	15,35	17,35	19,12	21,42	22,92	25,42
Product Grade	Nominal size max.	36,00	41,00	46,00	50,00	55,00	60,00
	s min.	35,38					
Diagonal / Köşegen e	A min.	35,00	40,00	45,00	49,00	53,80	58,80
	B min.	39,98					
Product Grade	b ¹	39,55	45,20	50,85	55,37	60,79	66,44
	b ²	54,00	60,00	66,00	72,00	78,00	84,00
Thread length / Diş uzunluğu	b ³	60,00	66,00	72,00	78,00	84,00	90,00
		73,00	79,00	85,00	91,00	97,00	103,00

b¹: Thread length for bolts up to 125mm. /125mm. Boya kadar olan civatalar için diş boyu.

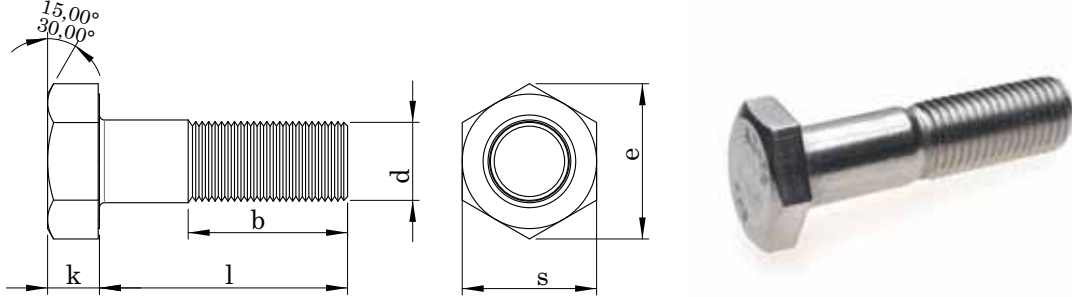
b²: Thread length for bolts between 125mm. & 200mm. /125mm & 200mm. Boylar arasındaki civatalar için diş boyu.

b³: Thread length for bolts more than 200mm. /200mm. 'Den uzun boylu civatalar için diş boyu.

Thread size / Anma çapı (d)	Product Grade		M24	M27	M30	M33	M36	M39
	A	B						
Length / Boy	min.	max.	Weight / Ağırlık gr/p					
40	39,50	40,50						
45	44,50	45,50						
50	49,50	50,50						
55	54,40	55,60						
60	59,40	60,60						
65	64,40	65,60						
70	69,40	70,60						
75	74,40	75,60						
80	79,40	80,60	392,0					
85	84,30	85,70	410,0					
90	89,30	90,70	428,0	557,0	712,0			
95	94,30	95,70	446,0	580,0	739,0			

Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 931 ISO 4014 A2-A4
ALTI KÖŞE BAŞLI YARIM DİŞ CİVATA
HEXAGON HEAD BOLT
SECHSKANTSCHRAUBE MIT SCHAFT



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	Product Grade				M24	M27	M30	M33	M36	M39
	A		B							
Length / Boy	min.	max.	min.	max.	Weight / Ağırlık gr/p					
100	99,30	100,70			464,0	603,0	767,0	951,0		
110	109,30	110,70			500,0	650,0	823,0	1020,0	1240,0	
120	119,30	120,70			535,0	695,0	880,0	1090,0	1320,0	1510,0
130	129,20	130,80			560,0	720,0	920,0	1150,0	1390,0	1580,0
140	139,20	140,80			595,0	765,0	975,0	1220,0	1470,0	1660,0
150	149,20	150,80			630,0	810,0	1030,0	1290,0	1550,0	1740,0
160	159,20	160,80	158,00	162,00	665,0	855,0	1085,0	1350,0	1630,0	1830,0
170	169,20	170,80	168,00	172,00	700,0	900,0	1140,0	1410,0	1710,0	1920,0
180	179,20	180,80	178,00	182,00	735,0	945,0	1200,0	1480,0	1790,0	2010,0
190	189,10	190,90	187,70	192,30	770,0	990,0	1250,0	1540,0	1870,0	2100,0
200	199,10	200,90	197,70	202,30	805,0	1030,0	1310,0	1610,0	1950,0	2200,0
220			217,70	222,30	870,0	1130,0	1420,0	1750,0	2110,0	2410,0
240			237,70	242,30	935,0	1220,0	1530,0	1880,0	2270,0	2600,0
260			257,40	262,60		1310,0	1640,0	2020,0	2430,0	2800,0
280			277,40	282,60			1750,0	2150,0	2590,0	3010,0
300			297,40	302,60			1860,0	2290,0	2750,0	3210,0

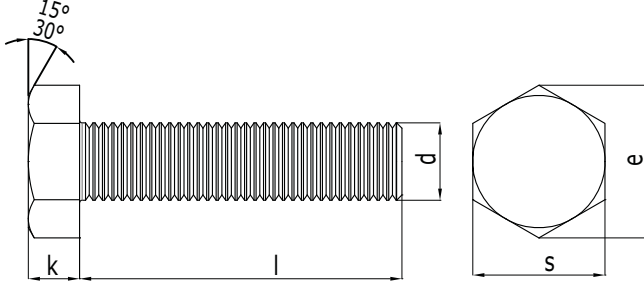
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DIŞ CIVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)		M5	M6	M7	M8	M10		
Pitch / Diş adımı	P	0,80	1,00	1,00	1,25	1,50		
	nominal	3,50	4,00	4,80	5,30	6,40		
Head height / Kafa yüksekliği	k	A	min.	3,35	3,85	4,65	5,15	6,22
		max.	3,65	4,15	4,95	5,45	6,56	
	B	min.	3,26	3,76	4,56	4,06	6,11	
		max.	3,74	4,24	5,04	5,54	6,69	
Head with / Anahtar ağızı	s	A	min.	7,78	9,78	10,73	12,73	16,73
		max.	7,64	9,64	10,57	12,57	16,57	
	nominal	max.	8,00	10,00	11,00	13,00	17,00	
		A	min.	8,79	11,05	12,12	14,38	18,90
Diagonal / Köşegen	e	B	min.	8,63	10,89	11,94	14,20	18,72

Thread size / Anma çapı	A		B		M5	M6	M7	M8	M10
Length / Boy (l)	min.	max.	min.	max.	Weight / Ağırlık gr/p				
10	9,71	10,29			2,63	4,08	6,35	9,10	16,20
12	11,65	12,35			2,87	4,42	6,85	9,80	17,20
14	13,65	14,35			3,12	4,76	7,35	10,50	18,20
16	15,65	16,35			3,37	5,11	7,85	11,10	19,20
18	17,65	18,35			3,62	5,45	8,35	11,70	20,20
20	19,58	20,42			3,87	5,80	8,85	12,30	21,20
22	21,58	22,42			4,12	6,15	9,35	12,90	22,20
25	24,58	25,42			4,49	6,65	10,00	13,90	23,70
28	27,58	28,42			4,86	7,15	10,70	14,90	25,20
30	29,58	30,42			5,11	7,51	11,30	15,50	26,20
35	34,50	35,50			5,73	8,37	12,50	17,10	28,70
40	39,50	40,50			6,35	9,23	13,80	18,70	31,20
45	44,50	45,50	43,75	46,25	6,99	10,10	15,00	20,30	33,70
50	49,50	50,5,	48,75	51,25	7,59	11,00	16,30	21,80	36,20
55	54,40	55,60	53,50	56,50	8,21	11,90	17,50	23,40	38,70
60	59,40	60,60	58,50	61,50	8,83	12,70	18,70	25,00	41,30

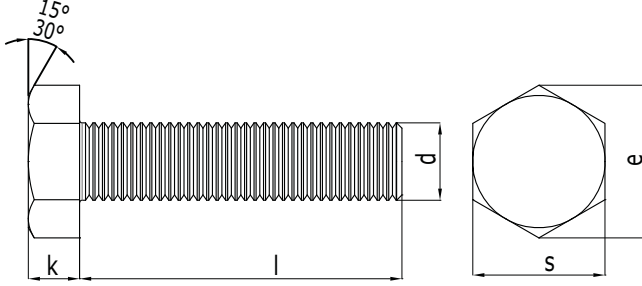
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DİŞ CİVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)		M12	M14	M16	M18	M20		
Pitch / Diş adımı	P	1,75	2,00	2,00	2,50	2,50		
	nominal	7,50	8,80	10,00	11,50	12,50		
Head height / Kafa yüksekliği	k	A	min.	7,32	8,62	9,82	11,28	12,28
		A	max.	7,68	8,98	10,18	11,72	12,72
	B	min.	7,21	8,51	9,71	11,15	12,15	
		max.	7,79	9,09	10,29	11,85	12,85	
Head with / Anahtar ağızı	s	A	min.	18,67	21,67	23,67	26,67	29,67
		A	max.	18,48	21,16	23,16	26,15	29,16
	nominal	min.	19,00	22,00	24,00	27,00	30,00	
		max.	21,10	24,49	26,75	30,14	33,53	
Diagonal / Köşegen	e	A	min.	21,10	24,49	26,75	30,14	33,53
		B	min.	20,88	23,91	26,17	29,56	32,95

Thread size / Anma çapı	A		B		M12	M14	M16	M18	M20
	min.	max.	min.	max.					
Length / Boy (l)	Weight / Ağırlık gr/p								
10	9,71	10,29			23,30	38,00			
12	11,65	12,35			25,00	40,00	52,90		
14	13,65	14,35			26,40	42,00	55,60		
16	15,65	16,35			27,70	44,00	58,30	82,00	105,00
18	17,65	18,35			29,10	46,00	60,90	84,90	110,00
20	19,58	20,42			31,00	48,00	63,50	87,20	114,00
22	21,58	22,42			33,00	50,00	66,20	92,20	119,00
25	24,58	25,42			34,10	53,00	70,20	95,80	124,00
28	27,58	28,42			36,20	55,90	74,20	100,00	129,00
30	29,58	30,42			37,70	57,90	76,90	104,00	134,00
35	34,50	35,50			41,30	62,90	83,50	112,00	145,00
40	39,50	40,50			44,90	67,90	90,20	120,00	155,00
45	44,50	45,50	43,75	46,25	48,50	72,90	97,10	128,00	165,00
50	49,50	50,50	48,75	51,25	52,00	77,90	103,00	136,00	176,00
55	54,40	55,60	53,50	56,50	55,60	82,80	110,00	145,00	186,00
60	59,40	60,60	58,50	61,50	58,20	87,80	117,00	153,00	196,00

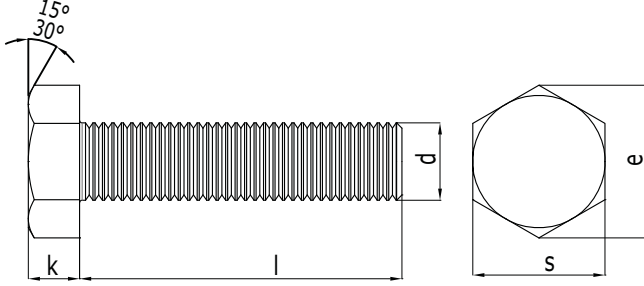
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DİŞ CİVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	A		B		M5	M6	M7	M8	M10
	min.	max.	min.	max.	Weight / Ağırlık gr/p				
65	64,40	65,60	63,50	66,50	9,45	13,60	20,00	26,60	43,80
70	69,40	70,60	68,50	71,50	10,10	14,40	21,20	28,20	46,30
75	74,40	75,60	73,50	76,50	10,70	15,30	22,50	29,80	48,80
80	79,40	80,60	78,50	81,50	11,30	16,20	23,70	31,40	51,30
85	84,30	85,70	83,25	86,75			25,00	33,00	53,80
90	89,30	90,70	88,25	91,75			26,20	34,60	56,30
95	94,30	95,70	93,25	96,75			27,50	35,20	59,80
100	99,30	100,70	98,25	101,75			28,70	37,70	61,30
110	109,30	110,70	108,25	111,75				40,90	66,40
120	119,30	120,70	118,25	121,75					71,40
130	129,20	130,80	128,00	132,00					76,40
140	139,20	140,80	138,00	142,00					81,40
150	149,20	150,80	148,00	152,00					86,40
160	159,20	160,80	158,00	162,00					
170	169,20	170,80	168,00	172,00					
180	179,20	180,80	178,00	182,00					
190	189,08	190,92	187,70	192,30					
200	199,08	200,92	197,70	202,30					

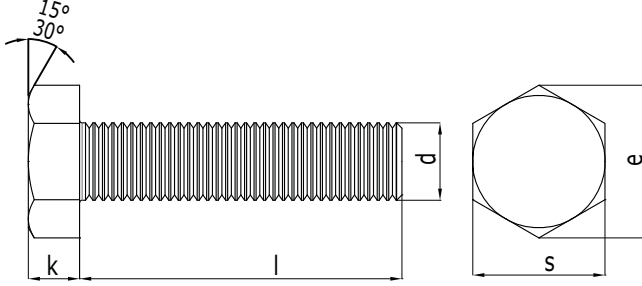
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DIŞ CİVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	A		B		M12	M14	M16	M18	M20
	min.	max.	min.	max.					
Length / Boy (l)	Weight / Ağırlık gr/p								
65	64,40	65,60	63,50	66,50	62,80	92,80	123,00	161,00	207,00
70	69,40	70,60	68,50	71,50	66,40	97,90	130,00	169,00	217,00
75	74,40	75,60	73,50	76,50	70,00	102,00	137,00	177,00	227,00
80	79,40	80,60	78,50	81,50	73,60	107,00	144,00	186,00	238,00
85	84,30	85,70	83,25	86,75	77,20	112,00	150,00	194,00	247,00
90	89,30	90,70	88,25	91,75	80,80	117,00	157,00	202,00	258,00
95	94,30	95,70	93,25	96,75	84,40	122,00	164,00	210,00	268,00
100	99,30	100,70	98,25	101,75	88,00	127,00	170,00	218,00	279,00
110	109,30	110,70	108,25	111,75	95,20	137,00	184,00	235,00	300,00
120	119,30	120,70	118,25	121,75	102,00	147,00	197,00	251,00	320,00
130	129,20	130,80	128,00	132,00	109,00	157,00	210,00	268,00	340,00
140	139,20	140,80	138,00	142,00	116,00	167,00	224,00	284,00	361,00
150	149,20	150,80	148,00	152,00	123,00	177,00	237,00	300,00	381,00
160	159,20	160,80	158,00	162,00				316,00	402,00
170	169,20	170,80	168,00	172,00				332,00	422,00
180	179,20	180,80	178,00	182,00				348,00	442,00
190	189,08	190,92	187,70	192,30				364,00	462,00
200	199,08	200,92	197,70	202,30				380,00	484,00

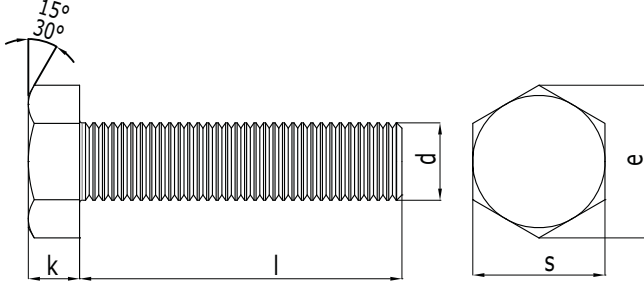
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DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DİŞ CIVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)		M22	M24	M27	M30	
Pitch / Diş adımı	P	2,50	3,00	3,00	3,50	
	nominal	14,00	15,00	17,00	18,70	
Head height / Kafa yüksekliği k	A	min.	13,78	14,78		
		max.	14,22	15,22		
	B	min.	13,65	14,65	16,65	18,28
		max.	14,35	15,35	17,35	19,12
Head width / Anahtar ağızı s	A	min.	31,61	35,38		
		max.	32,00	36,00	41,00	46,00
	nominal	min.	31,00	35,00	40,00	45,00
		max.	32,00	36,00	41,00	46,00
Diagonal / Köşegen e	A	min.	35,72	39,98		
	B	min.	35,03	39,55	45,20	50,85

Thread size / Anma çapı	A		B		M22	M24	M27	M30
	min.	max.	min.	max.				
Length / Boy (l)					Weight / Ağırlık gr/p			
10	9,71	10,29						
12	11,65	12,35						
14	13,65	14,35						
16	15,65	16,35			133,00	173,00		
18	17,65	18,35			137,00	178,00		
20	19,58	20,42			143,00	184,00		
22	21,58	22,42			148,00	190,00	269,00	
25	24,58	25,42			155,00	199,00	280,00	
28	27,58	28,42			161,00	200,00	292,00	
30	29,58	30,42			168,00	214,00	310,00	
35	34,50	35,50			181,00	229,00	319,00	424,00
40	39,50	40,50	-	-	193,00	244,00	338,00	448,00
45	44,50	45,50	43,75	46,25	206,00	259,00	358,00	472,00
50	49,50	50,5	48,75	51,25	219,00	274,00	377,00	496,00
55	54,40	55,60	53,50	56,50	232,00	289,00	397,00	519,00
60	59,40	60,60	58,50	61,50	244,00	304,00	416,00	543,00

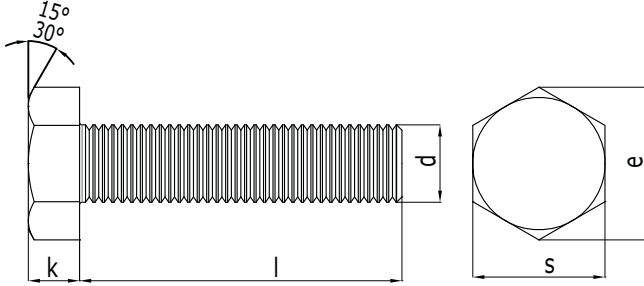
Values are given in millimeters. / Değerler milimetre olarak verilmiştir.

DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DİŞ CİVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE

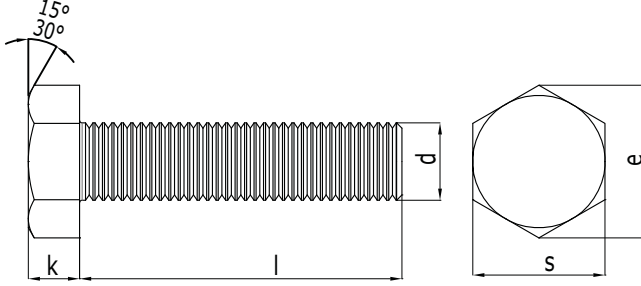


Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	A		B		M22	M24	M27	M30
	min.	max.	min.	max.	Weight / Ağırlık gr/p			
65	64,40	65,60	63,50	66,50	257,00	319,00	435,00	566,00
70	69,40	70,60	68,50	71,50	269,00	334,00	454,00	590,00
75	74,40	75,60	73,50	76,50	282,00	348,00	473,00	614,00
80	79,40	80,60	78,50	81,50	295,00	363,00	492,00	637,00
85	84,30	85,70	83,25	86,75	308,00	378,00	512,00	661,00
90	89,30	90,70	88,25	91,75	321,00	393,00	531,00	685,00
95	94,30	95,70	93,25	96,75	333,00	408,00	550,00	708,00
100	99,30	100,70	98,25	101,75	346,00	423,00	569,00	732,00
110	109,30	110,70	108,25	111,75	371,00	453,00	608,00	779,00
120	119,30	120,70	118,25	121,75	397,00	483,00	647,00	827,00
130	129,20	130,80	128,00	132,00	421,00	513,00	685,00	874,00
140	139,20	140,80	138,00	142,00	448,00	543,00	724,00	921,00
150	149,20	150,80	148,00	152,00	473,00	572,00	762,00	969,00
160	159,20	160,80	158,00	162,00	498,00	602,00	801,00	1010,00
170	169,20	170,80	168,00	172,00	523,00	632,00	839,00	1060,00
180	179,20	180,80	178,00	182,00	548,00	662,00	875,00	1110,00
190	189,08	190,92	187,70	192,30	573,00	692,00	911,00	1160,00
200	199,08	200,92	197,70	202,30	598,00	722,00	947,00	1210,00

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DIN 933 ISO 4017 A2-A4
ALTI KÖŞE BAŞLI TAM DIŞ CİVATA
HEXAGON HEAD BOLT
SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)		M33	M36	M39	
Pitch / Diş adımı	P	3,50	4,00	4,00	
	nominal	21,00	22,50	25,00	
Head height / Kafa yüksekliği k	A	min.			
		max.			
	B	min.	20,58	22,08	24,58
		max.	21,42	22,92	25,42
Head with / Anahtar ağız s	A	min.			
		max.			
	B	min.	49,00	53,80	58,80
		max.	50,00	55,00	60,00
Diagonal / Köşegen e	A	min.			
		max.			
	B	min.	55,37	60,79	66,44
		max.			

Thread size / Anma çapı	A		B		M33	M36	M39
	min.	max.	min.	max.			
Length / Boy (l)					Weight / Ağırlık gr/p		
10	9,71	10,29					
12	11,65	12,35					
14	13,65	14,35					
16	15,65	16,35					
18	17,65	18,35					
20	19,58	20,42					
22	21,58	22,42					
25	24,58	25,42					
28	27,58	28,42					
30	29,58	30,42					
35	34,50	35,50			543,00	670,00	869,00
40	39,50	40,50			572,00	714,00	910,00
45	44,50	45,50	43,75	46,25	601,00	748,00	951,00
50	49,50	50,50	48,75	51,25	630,00	783,00	992,00
55	54,40	55,60	53,50	56,50	659,00	817,00	1030,00
60	59,40	60,60	58,50	61,50	688,00	851,00	1070,00

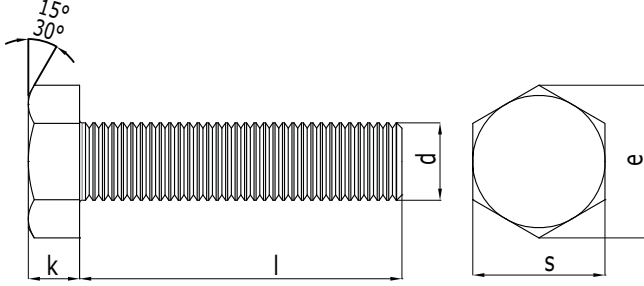
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DIN 933 ISO 4017 A2-A4

ALTI KÖŞE BAŞLI TAM DİŞ CİVATA

HEXAGON HEAD BOLT

SECHSKANTSCHRAUBE MIT VOLLGEWINDE



Technical Informations / Teknik Bilgiler

Thread size / Anma çapı (d)	A		B		M33	M36	M39
	min.	max.	min.	max.	Weight / Ağırlık gr/p		
Length / Boy (l)							
65	64,40	65,60	63,50	66,50	717,00	886,00	1110,00
70	69,40	70,60	68,50	71,50	746,00	910,00	1160,00
75	74,40	75,60	73,50	76,50	775,00	950,00	1200,00
80	79,40	80,60	78,50	81,50	806,00	990,00	1240,00
85	84,30	85,70	83,25	86,75	837,00	1020,00	1280,00
90	89,30	90,70	88,25	91,75	866,00	1060,00	1320,00
95	94,30	95,70	93,25	96,75	891,00	1100,00	1360,00
100	99,30	100,70	98,25	101,75	920,00	1140,00	1400,00
110	109,30	110,70	108,25	111,75	978,00	1200,00	1480,00
120	119,30	120,70	118,25	121,75	1040,00	1260,00	1560,00
130	129,20	130,80	128,00	132,00	1090,00	1330,00	1650,00
140	139,20	140,80	138,00	142,00	1150,00	1400,00	1730,00
150	149,20	150,80	148,00	152,00	1210,00	1470,00	1810,00
160	159,20	160,80	158,00	162,00	1270,00	1540,00	1890,00
170	169,20	170,80	168,00	172,00	1330,00	1610,00	1970,00
180	179,20	180,80	178,00	182,00	1390,00	1680,00	2050,00
190	189,08	190,92	187,70	192,30	1440,00	1740,00	2140,00
200	199,08	200,92	197,70	202,30	1500,00	1810,00	2220,00

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