

Teknik Bilgiler / Technical Informations

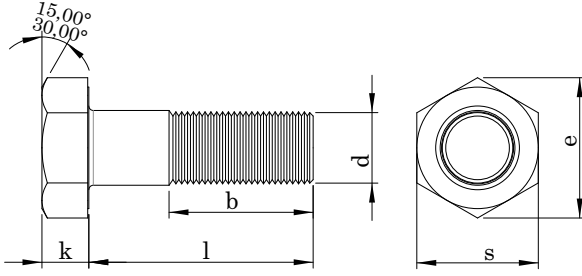
Thread size / Anma çapı (d)		M3	M4	M5	M6	M7	M8	M10	M12	
Pitch / Diş adımı	P	0,50	0,70	0,80	1,00	1,00	1,25	1,50	1,75	
	Nominal size	2,00	2,80	3,50	4,00	4,80	5,30	6,40	7,50	
Head height / Kafa yüksekliği	A	min.	1,88	2,68	3,35	3,85	4,65	5,15	6,22	7,32
		max.	2,12	2,92	3,65	4,15	4,95	5,45	6,58	7,68
	B	min.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

b<sup>1</sup> for lengths l ≤ 125 mm.

b<sup>2</sup> for lengths l 125 mm. ≤ 200 mm.

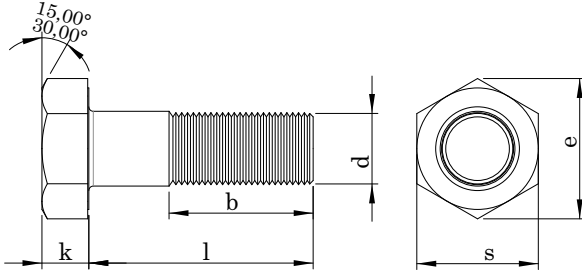
b<sup>3</sup> for lengths > 200 mm.

Thread size Anma çapı	Product Grade				M3	M4	M5	M6	M7	M8	M10	M12
	A		B									
Length Boy	min.	max.	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	-	-	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



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Thread size Anma çapı	Product Grade				M3	M4	M5	M6	M7	M8	M10	M12
	A		B									
Length Boy	min.	max.	min.	max.	Weight /Ağırlık gr/p							
45	44,50	45,50	-	-		5,03	7,98	11,30	16,60	22,20	38,00	53,60
50	49,50	50,50	-	-		5,52	8,76	12,30	18,10	24,20	41,10	58,10
55	54,40	55,60	-	-		6,02	9,54	13,40	19,50	25,80	43,80	62,60
60	59,40	60,60	-	-		6,51	10,30	14,40	21,00	27,80	46,90	67,00
65	64,40	65,60	-	-		7,01	11,10	15,50	22,50	29,80	50,00	70,30
70	69,40	70,60	-	-		7,50	11,90	16,50	24,00	31,80	53,10	74,70
75	74,40	75,60	-	-			12,70	17,60	25,50	33,70	56,20	79,10
80	79,40	80,60	-	-			13,50	18,60	27,00	35,70	59,30	83,60
85	84,30	85,70	-	-				19,70	28,50	37,70	62,40	88,10
90	89,30	90,70	-	-				20,80	30,00	39,50	65,50	92,40
95	94,30	95,70	-	-				21,90	31,50	41,40	68,60	96,80
100	99,30	100,70	-	-				23,00	33,10	43,30	71,70	101,00
110	109,30	110,70	-	-				25,20		47,60	77,90	109,00
120	119,30	120,70	-	-				27,30		51,60	84,10	118,00
130	129,20	130,80	-	-				29,70		55,60	90,30	125,95
140	139,20	140,80	-	-				31,80		59,60	96,50	134,10
150	149,20	150,80	-	-				34,00		63,60	102,70	142,60
160	159,20	160,80	158,00	162,00								153,00
170	169,20	170,80	168,00	172,00								162,00
180	179,20	180,80	178,00	182,00								171,00
190	189,10	190,90	187,70	192,30								
200	199,10	200,90	197,70	202,30								
220	-	-	217,70	222,30								182,00
240	-	-	237,70	242,30								207,00
260	-	-	257,40	262,60								
280	-	-	277,40	282,60								
300	-	-	297,40	302,60								



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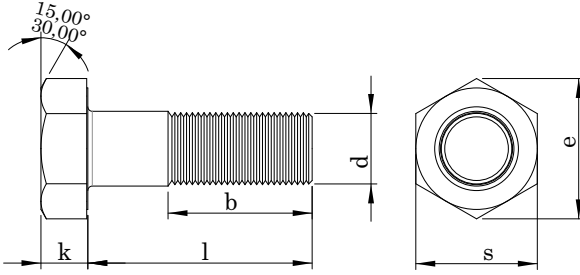
Thread size / Anma çapı (d)		M14	M16	M18	M20	M22	
Pitch / Diş adımı	P	2,00	2,00	2,50	2,50	2,50	
	Nominal size max.	8,80	10,00	11,50	12,50	14,00	
Head height / Kafa yüksekliği	A	min.	8,62	9,82	11,28	12,28	13,78
		max.	8,98	10,18	11,72	12,72	14,22
	B	min.		9,71	11,15	12,15	13,65
		max.		10,29	11,85	12,85	14,35
	Nominal size max.	22,00	24,00	27,00	30,00	32,00	
Head width / Anahtar ağızı	Product Grade	ş A	21,67	23,67	26,67	29,67	31,61
		min. B		23,16	26,16	29,16	31,00
Diagonal / Köşegen e	Product Grade	min. A	24,49	26,75	30,14	33,53	35,72
		B		26,17	29,56	32,95	35,03
Thread length / Diş uzunluğu	b <sup>1</sup>	34,00	38,00	42,00	46,00	50,00	
	b <sup>2</sup>	40,00	44,00	48,00	52,00	56,00	
	b <sup>3</sup>	53,00	57,00	63,00	65,00	69,00	

b<sup>1</sup> for lengths l ≤ 125 mm.

b<sup>2</sup> for lengths l 125 mm. ≤ 200 mm.

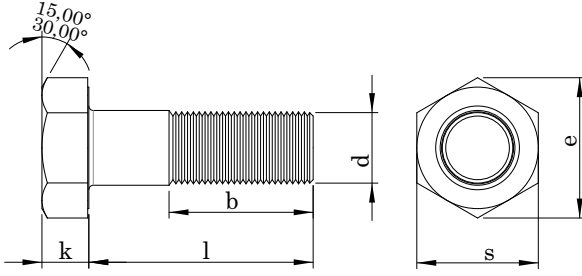
b<sup>3</sup> for lengths > 200 mm.

Thread size Anma çapı	Product Grade				M14	M16	M18	M20	M22
	A		B						
Length Boy	min.	max.	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	141,00	185,00	



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Thread size Anma çapı	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	207,00	
60	59,40	60,60			94,10	123,00	161,00	219,00	
65	64,40	65,60			98,80	131,00	171,00	231,00	281,00
70	69,40	70,60			105,00	139,00	181,00	243,00	296,00
75	74,40	75,60			111,00	147,00	191,00	255,00	311,00
80	79,40	80,60			117,00	155,00	200,00	267,00	326,00
85	84,30	85,70			123,00	163,00	210,00	279,00	341,00
90	89,30	90,70			127,00	171,00	220,00	291,00	356,00
95	94,30	95,70			133,00	179,00	230,00	303,00	370,00
100	99,30	100,70			139,00	186,00	240,00	327,00	400,00
110	109,30	110,70			151,00	202,00	260,00	351,00	430,00
120	119,30	120,70			164,00	218,00	280,00	374,00	450,00
130	129,20	130,80			174,00	230,00	296,00	398,00	480,00
140	139,20	140,80			185,00	246,00	316,00	422,00	510,00
150	149,20	150,80			198,00	262,00	336,00	446,00	540,00
160	159,20	160,80	158,00	162,00	211,00	278,00	356,00	470,00	570,00
170	169,20	170,80	168,00	172,00	223,00	294,00	376,00	494,00	600,00
180	179,20	180,80	178,00	182,00	235,00	310,00	396,00	519,00	630,00
190	189,10	190,90	187,70	192,30	247,00	326,00	415,00	544,00	660,00
200	199,10	200,90	197,70	202,30	260,00	342,00	435,00	590,00	720,00
220			217,70	222,30		374,00		635,00	
240			237,70	242,30		406,00		680,00	
260			257,40	262,60					
280			277,40	282,60					
300			297,40	302,60					



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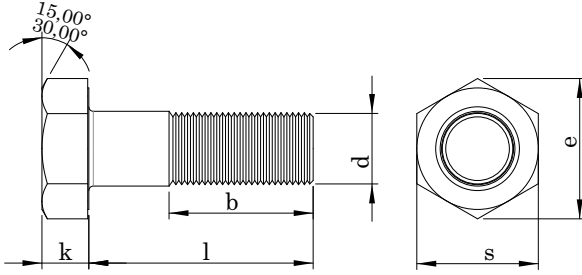
Thread size / Anma çapı (d)		M24	M27	M30	M33	M36	M39	
Pitch / Diş adımı	P	3,00	3,00	3,50	3,50	4,00	4,00	
	Nominal size max.	15,00	17,00	18,70	21,00	22,50	25,00	
Head height / Kafa yüksekliği	A	min.	14,78					
		max.	15,22					
	B	min.	14,65	16,65	18,28	20,58	22,08	24,58
		max.	15,35	17,35	19,12	21,42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

b<sup>1</sup> for lengths l ≤ 125 mm.

b<sup>2</sup> for lengths l 125 mm. ≤ 200 mm.

b<sup>3</sup> for lengths > 200 mm.

Thread size Anma çapı	Product Grade				M24	M27	M30	M33	M36	M39
	A		B							
Length Boy	min.	max.	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	-	-	364,00					
80	79,40	80,60	-	-	392,00	511,00				
85	84,30	85,70	-	-	410,00	534,00				
90	89,30	90,70	-	-	428,00	557,00	712,00			
95	94,30	95,70	-	-	446,00	580,00	739,00			



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Thread size Anma çapı	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	-	-	464,00	603,00	767,00	951,00		
110	109,30	110,70	-	-	500,00	650,00	823,00	1020,00	1240,00	
120	119,30	120,70	-	-	535,00	695,00	880,00	1090,00	1320,00	1510,00
130	129,20	130,80	-	-	560,00	720,00	920,00	1150,00	1390,00	1580,00
140	139,20	140,80	-	-	595,00	765,00	975,00	1220,00	1470,00	1660,00
150	149,20	150,80	-	-	630,00	810,00	1030,00	1290,00	1550,00	1740,00
160	159,20	160,80	158,00	162,00	665,00	855,00	1085,00	1350,00	1630,00	1830,00
170	169,20	170,80	168,00	172,00	700,00	900,00	1140,00	1410,00	1710,00	1920,00
180	179,20	180,80	178,00	182,00	735,00	945,00	1200,00	1480,00	1790,00	2010,00
190	189,10	190,90	187,70	192,30	770,00	990,00	1250,00	1540,00	1870,00	2100,00
200	199,10	200,90	197,70	202,30	805,00	1030,00	1310,00	1610,00	1950,00	2200,00
220	-	-	217,70	222,30	870,00	1130,00	1420,00	1750,00	2110,00	2410,00
240	-	-	237,70	242,30	935,00	1220,00	1530,00	1880,00	2270,00	2600,00
260	-	-	257,40	262,60	1000,00	1310,00	1640,00	2020,00	2430,00	2800,00
280	-	-	277,40	282,60	1080,00		1750,00	2150,00	2590,00	3010,00
300	-	-	297,40	302,60	1150,00		1860,00	2290,00	2750,00	3210,00