



BERAT CIVATA

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CİVATA VE SOMUN AKMA DAYANIMI

(Yield strength and bolts and nuts to)

(DIN 912 - 931 - 933 - 934)

Civata (Bolt)	Adım (Pitch)	Dış Dibi (Minor) Ø d ₁	Gerilim Alanı (Stress Area) $\pi/16(d^1 + d^2)^2$ Fs mm ²	Bölüm Dairesi (Theor Pitch) Ø d ₁	Gerilim alanına bağlı olarak minimum akma dayanımına çekebileceği yük (kg) (Acceptable load as to minimum yield strength based on stress area in kg)				
					4.6	5.6	8.8	10.9	12.9
M6	1	4,773	20,1	5,350	480	803	1286	1809	2171
M8	1,25	6,466	36,6	7,188	788	1098	2342	3294	3953
M10	1,5	8,160	58	9,026	1390	1740	3712	5220	6264
M12	1,75	9,853	84,3	10,863	2023	2529	5295	7587	9104
M14	2	11,546	115	12,701	2760	3450	7360	10350	12420
M16	2	13,546	157	14,701	3768	4710	10048	14130	16956
M18	2,5	14,903	192	16,376	4608	5760	12288	17280	20736
M20	2,5	16,903	245	18,376	5880	7350	15680	22050	26450
M22	2,5	18,933	303	20,376	9090	7272	19392	27270	32724
M24	3	20,319	353	22,051	8472	10590	22592	31770	38124
M27	3	23,319	459	25,051	11016	13770	29376	41310	49572
M30	3,5	25,706	561	27,727	13464	16630	35934	50490	60588
M33	3,5	28,705	694	30,727	16656	20620	44416	62460	74952
M36	4	31,093	817	33,402	19608	24510	52286	73350	88236
M39	4	34,093	976	36,402	23424	29289	62454	87840	105408
M42	4,5	36,479	1120	39,077	26880	33600	71680	100800	120960
M45	4,5	39,479	1300	42,077	31200	39000	83200	117000	140400
M48	5	41,866	1470	44,752	35280	44100	94080	132300	158760
M52	5	45,866	1760	48,752	42240	52800	112640	158400	190080