

2025 YILI BAĞLANTI ELEMANLARI İHTİYAÇLARI

Sıra no	ETİNORM	MALZEMENİN CİNSİ	Birimi	Armutçuk Talep Miktarı	Kozlu Talep Miktarı	Üzülmez Talep Miktarı	Karadon Talep Miktarı	Amasra Talep Miktarı	MMFİM Talep Miktarı	Toplam Talep Miktarı
		Altı köşe başlı altı köşe somunlu metrik demir cıvata, Cıvata: TS EN ISO 4016, Malzeme 4.6 kalite, Somun: TS EN ISO 4034, Malzeme 5 kalite, Tolerans düzeyi: C								
1	019.010.0062	M 12x30 mm (Eski Standart-TS 1021/2)	Adet		1.200					1.200
2	019.010.0063	M 12x40 mm (Eski Standart-TS 1021/2)	Adet		1.500		1.500			3.000
3	019.010.0064	M 12x50 mm (Eski Standart-TS 1021/5)	Adet		2.500	750	500			3.750
4	019.010.0065	M 12x60 mm (Eski Standart-TS 1021/5)	Adet		500		500			1.000
5	019.010.0067	M 12x80 mm (Eski Standart-TS 1021/5)	Adet		400		2.000			2.400
6	019.010.0068	M 12x90 mm (Eski Standart-TS 1021/5)	Adet		1.000		5.000			6.000
7	019.010.0069	M 12x100 mm (Eski Standart-TS 1021/5)	Adet		1.500					1.500
8	019.010.0101	M 16x40 mm (Eski Standart-TS 1021/2)	Adet		4.000		650			4.650
9	019.010.0102	M 16x50 mm (Eski Standart-TS 1021/2)	Adet		3.500		950			4.450
10	019.010.0103	M 16x60 mm (Eski Standart-TS 1021/5)	Adet		1.500		600			2.100
11	019.010.0104	M 16x70 mm (Eski Standart-TS 1021/5)	Adet				1.600			1.600
12	019.010.0105	M 16x80 mm (Eski Standart-TS 1021/5)	Adet		1.500	3.000	1.500			6.000
13	019.010.0106	M 16x90 mm (Eski Standart-TS 1021/5)	Adet		500	4.000	2.000			6.500
14	019.010.0107	M 16x100 mm (Eski Standart-TS 1021/5)	Adet		2.500	3.000	1.500			7.000
15	019.010.0108	M 16x110 mm (Eski Standart-TS 1021/5)	Adet		2.500					2.500
16	019.010.0109	M 16x120 mm (Eski Standart-TS 1021/5)	Adet		2.500					2.500
17	019.010.0140	M 20x40 mm (Eski Standart-TS 1021/2)	Adet		700		700			1.400
18	019.010.0141	M 20x50 mm (Eski Standart-TS 1021/2)	Adet		500	100	500			1.100
19	019.010.0142	M 20x60 mm (Eski Standart-TS 1021/2)	Adet		400		750			1.150
20	019.010.0143	M 20x70 mm (Eski Standart-TS 1021/5)	Adet		700		300			1.000
21	019.010.0147	M 20x110 mm (Eski Standart-TS 1021/5)	Adet				1.500			1.500
22	019.010.0148	M 20x120 mm (Eski Standart-TS 1021/5)	Adet		1.000		2.000			3.000
23	019.010.0149	M 20x140 mm (Eski Standart-TS 1021/5)	Adet				3.000			3.000
24	019.010.0150	M 20x150 mm (Eski Standart-TS 1021/5)	Adet			1.000				1.000
25	019.010.0165	M 22x90 mm (Eski Standart-TS 1021/9)	Adet				1.000			1.000
26	019.010.0184	M 24x90 mm (Eski Standart-TS 1021/5)	Adet		1.000	200		300		1.500
27	019.010.0189	M 24x160 mm (Eski Standart-TS 1021/5)	Adet			200	100	700		1.000
		Altı köşe başlı altı köşe somunlu metrik çelik cıvata, Cıvata: TS EN ISO 4014, Malzeme 8.8 kalite, Somun: TS EN ISO 4032, Malzeme 8 kalite, Tolerans düzeyi: A								
28	019.011.0411	M 6x20 mm (Eski Standart-TS 1021/1)	Adet	600	400					1.000
29	019.011.0421	M 8x20 mm (Eski Standart-TS 1021/1)	Adet	500			500	500	500	2.000
30	019.011.0422	M 8x25 mm (Eski Standart-TS 1021/1)	Adet	500					1.000	1.500
31	019.011.0423	M 8x30 mm (Eski Standart-TS 1021/1)	Adet	500			500	500		1.500
32	019.011.0424	M 8x40 mm (Eski Standart-TS 1021/4)	Adet	500	500					1.000
33	019.011.0425	M 8x50 mm (Eski Standart-TS 1021/4)	Adet	800	200	200				1.200

34	019.011.0433	M 10x15 mm (Eski Standart-TS 1021/1)	Adet	200					1.000	1.200
35	019.011.0442	M 10x25 mm (Eski Standart-TS 1021/1)	Adet						2.000	2.000
36	019.011.0443	M 10x30 mm (Eski Standart-TS 1021/1)	Adet	500	500	1.000		500		2.500
37	019.011.0444	M 10x40 mm (Eski Standart-TS 1021/4)	Adet	500	200	500		500		1.700
38	019.011.0445	M 10x50 mm (Eski Standart-TS 1021/4)	Adet	500	800				200	1.500
39	019.011.0461	M 12x25 mm (Eski Standart-TS 1021/1)	Adet	500	500		500			1.500
40	019.011.0462	M 12x30 mm (Eski Standart-TS 1021/1)	Adet	2.000	750		750	1.500	5.000	10.000
41	019.011.0463	M 12x40 mm (Eski Standart-TS 1021/1)	Adet	1.200			600	1.200		3.000
42	019.011.0464	M 12x50 mm (Eski Standart-TS 1021/4)	Adet	1.200	2.000	2.000	300	700	500	6.700
43	019.011.0465	M 12x60 mm (Eski Standart-TS 1021/4)	Adet		750		750	750	500	2.750
44	019.011.0466	M 12x70 mm (Eski Standart-TS 1021/4)	Adet	500	1.000		200	1.000		2.700
45	019.011.0467	M 12x80 mm (Eski Standart-TS 1021/4)	Adet	700	500			1.000		2.200
46	019.011.0468	M 12x90 mm (Eski Standart-TS 1021/4)	Adet		800		100	100		1.000
47	019.011.0475	M 13x60 mm (Eski Standart-TS 1021/4)	Adet			2.500				2.500
48	019.011.0480	M 14x30 mm (Eski Standart-TS 1021/1)	Adet	700			200	100		1.000
49	019.011.0501	M 16x40 mm (Eski Standart-TS 1021/1)	Adet	500	500		300	500		1.800
50	019.011.0502	M 16x50 mm (Eski Standart-TS 1021/1)	Adet	700	2.500			1.800		5.000
51	019.011.0503	M 16x65 mm (Eski Standart-TS 1021/4)	Adet	6.000	20.000	35.000	14.000	35.000		110.000
52	019.011.0504	M 16x70 mm (Eski Standart-TS 1021/4)	Adet	3.000	1.000		1.200			5.200
53	019.011.0505	M 16x80 mm (Eski Standart-TS 1021/4)	Adet	3.000	500		500	4.000		8.000
54	019.011.0506	M 16x90 mm (Eski Standart-TS 1021/4)	Adet	3.000				3.500		6.500
55	019.011.0507	M 16x100 mm (Eski Standart-TS 1021/4)	Adet	2.000	1.500		200	3.000		6.700
56	019.011.0509	M 16x60 mm (Eski Standart-TS 1021/4)	Adet						1.000	1.000
57	019.011.0540	M 20x40 mm (Eski Standart-TS 1021/1)	Adet	400				600		1.000
58	019.011.0541	M 20x50 mm (Eski Standart-TS 1021/1)	Adet	400	400			1.000		1.800
59	019.011.0542	M 20x60 mm (Eski Standart-TS 1021/1)	Adet	150	350		200	300		1.000
60	019.011.0543	M 20x70 mm (Eski Standart-TS 1021/1)	Adet	150	450			400		1.000
61	019.011.0544	M 20x80 mm (Eski Standart-TS 1021/4)	Adet	400	400		100	800		1.700
62	019.011.0546	M 20x100 mm (Eski Standart-TS 1021/4)	Adet	250	500	1.000		3.000		4.750
63	019.011.0548	M 20x120 mm (Eski Standart-TS 1021/4)	Adet	200	300		200	3.000		3.700
64	019.011.0550	M 20x140 mm (Eski Standart-TS 1021/4)	Adet				300	1.000		1.300
65	019.011.0574	M 22x250 mm (Eski Standart-TS 1021/4)	Adet		1.000					1.000
66	019.011.0585	M 24x100 mm (Eski Standart-TS 1021/4)	Adet	400	500			500		1.400
67	019.011.0587	M 24x120 mm (Eski Standart-TS 1021/4)	Adet	400	250			350		1.000
68	019.011.0588	M 24x130 mm (Eski Standart-TS 1021/4)	Adet	750		200		450		1.400
69	019.011.0589	M 24x140 mm (Eski Standart-TS 1021/4)	Adet		500			500		1.000
70	019.011.0610	M 27x140 mm (Eski Standart-TS 1021/4)	Adet	750						750
71	019.011.0625	M 30x100 mm (Eski Standart-TS 1021/4)	Adet			500	500			1.000
72	019.011.0631	M 30x200 mm (Eski Standart-TS 1021/4)	Adet				1.000			1.000
73	019.011.0643	M 33x110 mm (Eski Standart-TS 1021/4)	Adet					500		500
		Altı köşe başlı altı köşe somunsuz metrik çelik cıvata. Cıvata: TS EN ISO 4014, Malzeme 8.8 kalite Tolerans düzeyi: A								
74	019.013.0310	M 6x15 mm	Adet				400		1.500	1.900
75	019.013.0321	M 8x20 mm	Adet				400	1.100		1.500
76	019.013.0361	M 12x25 mm	Adet				2.000	500		2.500
77	019.013.0462	M 12x30 mm	Adet						2.000	2.000
		Alev Sızdırmaz Elektrik Motoru Cıvataları								

78	019.013.0623	M 8x30 mm (C-193-19_4 ³ no.lu resme göre imal edilecektir.)	Adet		1.000					1.000
79	019.013.0643	M 10x30 mm (C-194-19/3 ² no.lu resme göre imal edilecektir.)	Adet		500					500
		Altı köşe metrik vidalı somun TS EN ISO 4034, Malzeme 5 kalite, Tolerans düzeyi:C								
80	019.032.0012	M 10 mm	Adet						5.000	5.000
81	019.032.0016	M 16 mm	Adet		1.500		300	1.500		3.300
82	019.032.0018	M 20 mm	Adet		500		350	450		1.300
83	019.032.0020	M 24 mm	Adet		850		150			1.000
		Düz, altı köşe başlı civatalar için çelik rondela TS 79-20, A biçimli malzeme St.37 Tolerans düzeyi: O								
84	019.040.0011	Rondela A 8,4	Adet	500			1.000	1.250		2.750
85	019.040.0012	Rondela A 10,5	Adet	500			1.250	1.250		3.000
86	019.040.0013	Rondela A 13	Adet	500	2.000		2.000	2.000		6.500
87	019.040.0015	Rondela A 17	Adet		2.000		2.000	2.000		6.000
88	019.040.0017	Rondela A 21	Adet		2.000		1.000	2.000		5.000
89	019.040.0019	Rondela A 25	Adet		500		1.000	1.000		2.500
90	019.040.0027	Rondela A 12	Adet						1.000	1.000
		Yaylı, yarık düz ağızlı (B-Biçimli) rondela TS 79-5 : 2015, 1.Kalite								
91	019.043.0010	Yaylı Rondela B 6	Adet	500			500			1.000
92	019.043.0011	Yaylı Rondela B 8	Adet	500	500		500		500	2.000
93	019.043.0012	Yaylı Rondela B 10	Adet	500	500		500		500	2.000
94	019.043.0013	Yaylı Rondela B 12 kalınlık 4 mm	Adet	500	1.000		1.000			2.500
95	019.043.0015	Yaylı Rondela B 16	Adet		500		1.000			1.500
		Çatal pim (Kopilya) (maşa biçimli) TS 2339 : 2015								
96	019.044.0085	Çatal pim Ø 5x50 mm	Adet				500		800	1.300
97	019.044.0089	Çatal pim Ø 5x70 mm	Adet				1.000			1.000
98	019.044.0095	Çatal pim Ø 6x60 mm	Adet				1.000			1.000
99	019.044.0097	Çatal pim Ø 6x70 mm	Adet				1.000			1.000
100	019.044.0117	Çatal pim Ø 8x80 mm	Adet		1.000					1.000
101	019.044.0119	Çatal pim Ø 8x100 mm	Adet				1.000			1.000
102	019.044.0121	Çatal pim Ø 8x80 mm (Maşalı)	Adet						2.500	2.500
		Yarık pim TS EN ISO 8750 Düz- Tip A-Tür II (DIN 1481) Sertlik:VSD 442-512 kgf/mm² Malzeme:55 Si 7 Yüzey kalitesi:O								
103	019.045.0108	4x26 mm							500	500
104	019.045.0197	8x30 mm	Adet				2.500			2.500
105	019.045.0510	20x50 mm	Adet					500		500
		Allen başlı civatalar. Cıvata: TS EN ISO 4762 : 2006 Malzeme 8.8 kalite, Somun: TS EN ISO 4032 : 2013 Malzeme 8 kalite Tür I-Kolon 2 Tolerans düzeyi:A								
106	019.046.0111	M 6x40 mm	Adet						2.000	2.000
107	019.046.0161	M 12x30 mm	Adet				200		3.000	3.200
		Alev Sızdırmaz Elektrik Motoru Civataları								

108	019.046.0220	M 16x54 mm Silindirik başlı allen cıvata (C-253-50 no'lu resme göre imal edilecektir.)	Adet						1.500	1.500
		Allen başlı civatalar. Cıvata: TS EN ISO 4762 : 2006 Malzeme 8.8 kalite, Somun: TS EN ISO 4032 : 2013 Malzeme 8 kalite Tür I-Kolon 2 Tolerans düzeyi:A								
109	019.046.0222	M 16x65 mm	Adet		1.000					1.000
		Baştanbur Bağlantı Civataları (Fiber somunlu allen cıvata, Cıvata: TS EN ISO 4762 : 2006 Malzeme 8.8 kalite, Somun: TS EN ISO 7040 : 2013 ya da TS EN ISO 10511 : 2013, Malzeme 8 kalite)								
110	019.046.0347	M 24x2x150 mm	Adet		350		350	350		1.050
		Setskur Vida (Ayar Vidası), TS EN ISO 4029								
111	019.046.0511	6x10 mm	Adet						1.500	1.500
		Düz silindirik başlı, düz tornavida yarıklı, dibe kadar dişli vida, TS 1020								
112	019.047.0044	M 6x15 mm Silindir başlı							600	600
113	019.047.0084	M 6x10 mm Silindir başlı	Adet						1.500	1.500
114	019.047.0093	M 6x45 mm Silindir başlı	Adet						500	500
		Yuvarlak başlı, düz tornavida yarıklı, dibe kadar dişli vida, TS 1020								
115	019.048.0031	M 4x15 mm	Adet						1.000	1.000
116	019.048.0045	M 6x20 mm	Adet						1.000	1.000
		Havşa başlı cıvata, düz tornavida yarıklı, dibe kadar dişli vida, TS 1020								
117	019.051.0023	M 3x20 mm	Adet				1.000			1.000
118	019.051.0030	M 4x10 mm	Adet				500		1.000	1.500
119	019.051.0031	M 4x15 mm	Adet				500		1.000	1.500
120	019.051.0040	M 5x15 mm	Adet				1.000		1.000	2.000
121	019.051.0045	M 6x20 mm	Adet				1.000		1.000	2.000
122	019.051.0057	M 10x40 mm	Adet				1.000			1.000
123	019.051.0084	M 6x10 mm	Adet				1.000		1.000	2.000
124	019.051.0093	M 5x8 mm	Adet				1.000			1.000
		Alev Sızdırmaz Elektrik Motoru Civataları								
125	019.052.0106	M 10x25 mm Üçgen başlı cıvata (C - 193 - 11 no'lu resme göre imal edilecektir)	Adet						1.000	1.000
126	019.052.0119	M 12x25 mm Üçgen başlı cıvata (C - 194 - 11 no'lu resme göre imal edilecektir)	Adet						1.000	1.000