

ME 308	
MACHINE ELEMENTS II	
2025-2026 SPRING (DT)	

NO	SURNAME, NAME	Surface Condition	Weight of Wagon (kg)	Load Ratio (Fmax/Fmin)	Initial Comp. Due to Plate Weight (mm)	Spring Rate for Outer Spring (x10 ³ N/m)	Deflection (mm)	End Condt.	Material	Reliability %	Frequency (cyc/s)	Factor of Safety	Min. Exp. Life (x10 ⁵)
1	AGCABAY ZEKI	Peened	600	2,0	10	60	40	plain	hard drawn	90	2	2	2
2	AKALIN MUHAMMET YUSUF	Unpeened	800	3,5	14	55	45	squared&ground	oil tempered	90	1,5	2,5	5
3	AKDEMİR ESMA NUR	Peened	1000	2,5	12	50	45	plain&ground	chrome van.	95	3	3	infinite
4	AKKAYA EZGİ	Unpeened	600	2,0	10	60	40	squared&ground	hard drawn	99	2	2,5	2
5	ALAHMAR TAHER	Peened	800	2,5	14	55	45	plain&ground	oil tempered	90	3	2	5
6	ALOSMAN MOHAMED	Unpeened	800	3,5	12	60	50	plain	hard drawn	99	1,5	2	infinite
7	AL-SADOON ABDULRAHMAN H. ABDULRIDHA	Peened	800	2,0	10	60	50	squared&ground	oil tempered	95	2	3	2
8	ARICAK SAİT EFE	Unpeened	600	2,0	12	55	50	plain&ground	hard drawn	99	2	2,5	5
9	ARSLAN EMİNE	Unpeened	1000	3,5	14	50	45	squared&ground	oil tempered	90	1,5	3	infinite
10	ATALAR AHMET BATUHAN	Unpeened	800	2,5	12	50	50	plain&ground	chrome van.	95	2	3	2
11	ATEŞ MUHAMMED ALPEREN	Peened	600	2,0	10	50	50	squared&ground	hard drawn	99	1,5	2,5	5
12	AVCI AHMET SEFA	Peened	600	2,5	10	60	50	plain&ground	chrome van.	95	3	2	infinite
13	AYDEMİR BÜNYAMİN	Peened	600	3,5	12	55	45	squared&ground	chrome van.	90	2	2,5	5
14	BALDOĞLU MEHMET ŞÜKRÜ	Peened	800	2,0	12	60	40	plain&ground	hard drawn	99	3	3	infinite
15	BALTAÇI BÜNYAMİN	Unpeened	600	2,0	14	60	40	plain	oil tempered	99	1,5	2,5	2
16	BARUT ALI	Peened	800	2,5	10	60	45	squared&ground	chrome van.	95	2	2	5
17	BASAK FATİH CAN	Unpeened	1000	2,5	12	55	45	plain&ground	hard drawn	90	2	2	infinite
18	BASKARA YİĞİT MELİH	Peened	600	2,0	10	50	40	squared&ground	oil tempered	95	1,5	3	2
19	BAYRAKDAR FURKAN CAN	Unpeened	800	2,5	14	60	45	plain&ground	hard drawn	99	1,5	2,5	5
20	BAYRAKTAROĞLU HASAN	Peened	800	3,5	12	55	50	squared&ground	oil tempered	90	2	3	infinite
21	BENEK HÜSEYİN	Unpeened	800	2,0	10	60	50	plain&ground	hard drawn	95	3	3	2
22	BOL ALI	Unpeened	600	2,0	14	60	50	plain	oil tempered	99	2	2,5	5
23	CİNCİK AHMET	Unpeened	1000	3,5	12	55	45	squared&ground	chrome van.	90	3	2,5	infinite
24	COŞKUN REFAK	Peened	800	2,5	10	50	50	plain&ground	hard drawn	99	1,5	3	2
25	ÇAKIR MİRSAĐ	Peened	600	2,0	14	50	50	squared&ground	chrome van.	95	2	2,5	2
26	ÇELİK GÖRKEM	Peened	600	2,5	12	50	50	plain&ground	chrome van.	99	2	2	2
27	ÇETİN İLYAS	Peened	600	3,5	10	60	45	squared&ground	oil tempered	90	1,5	2	5
28	ÇİFTÇİ İBRAHİM	Unpeened	800	2,0	12	55	40	plain&ground	hard drawn	95	2	3	infinite
29	DALBUĐAK EMİNE FEYZA	Peened	800	2,0	14	60	40	squared&ground	oil tempered	99	1,5	2,5	2
30	DALGİÇ TOYGAR	Unpeened	600	2,5	12	60	45	plain&ground	chrome van.	95	3	3	5
31	DEĐEOĐLU SEVVAL ZEYNEP	Peened	1000	2,0	10	60	50	plain	hard drawn	90	2	3	infinite
32	DEĐİRMENÇİ HASAN ERKAM	Unpeened	800	3,5	10	60	50	squared&ground	chrome van.	99	3	2,5	5
33	DEMİRBILEK AHMET	Peened	600	2,5	12	55	50	plain&ground	chrome van.	99	1,5	2	infinite
34	DENİZ FAİK HAN	Unpeened	600	2,0	12	50	45	plain	hard drawn	95	2	2,5	2
35	DIRİE SAKARİE SAİD	Unpeened	600	2,5	14	60	50	squared&ground	oil tempered	90	2	3	5
36	DİKMEN MUSTAFA	Unpeened	800	3,5	10	55	50	plain&ground	chrome van.	95	1,5	2,5	infinite
37	DOĐAN HAKAN	Peened	600	2,0	12	60	50	squared&ground	hard drawn	99	1,5	2	2
38	DÜNDAR EZGİ	Peened	600	2,0	10	60	45	plain&ground	oil tempered	95	2	2	5
39	EKER HASAN ALI	Peened	800	3,5	14	55	40	plain	hard drawn	99	1,5	3	infinite
40	EKİNCİ SELMAN	Peened	800	2,5	12	50	40	squared&ground	oil tempered	90	2	2,5	2
41	ELBİSTAN İSA	Unpeened	800	2,0	14	50	45	plain&ground	hard drawn	99	2	3	5
42	EMEKTAŞ EDİP	Peened	600	2,5	12	50	45	squared&ground	oil tempered	95	1,5	3	infinite
43	EREN EMRE	Unpeened	1000	3,5	10	60	40	plain&ground	chrome van.	99	2	2,5	2
44	EROL ÇAĐĐAŞ METİN	Peened	800	2,0	12	55	45	squared&ground	hard drawn	99	3	2,5	5
45	ERSOY MEHMET TEOMAN	Unpeened	600	2,0	14	60	50	plain&ground	oil tempered	95	1,5	2	infinite
46	ERĐAY ÖRĐHAN	Peened	600	2,5	10	60	50	squared&ground	chrome van.	99	2	2	5
47	FODİL AHMET CAN	Unpeened	600	2,5	10	60	50	plain&ground	hard drawn	95	2	3	infinite
48	GEDİK SELVA	Unpeened	800	2,0	10	55	45	plain	oil tempered	90	1,5	2,5	2
49	GOKTAŞ MEHMET AKİF	Unpeened	600	2,5	12	50	50	squared&ground	hard drawn	99	2	3	5
50	GÜNAY BERKAY EREN	Peened	800	3,5	12	60	50	plain&ground	oil tempered	99	1,5	3	infinite
51	GÜNAYDIN FERİT	Peened	1000	2,0	14	55	50	squared&ground	hard drawn	95	3	2,5	2
52	GÜRSOYLU MEHMET	Peened	600	2,0	10	60	50	plain&ground	oil tempered	90	2	2	5
53	HACİOMEROĐLU AHMET	Peened	800	3,5	12	60	45	squared&ground	chrome van.	95	3	2,5	infinite
54	HAMADE AHMAD	Unpeened	800	2,5	10	55	40	plain&ground	hard drawn	99	1,5	3	2
55	HUYLUOĐLU MEHMET ALI	Peened	800	2,0	14	50	40	plain	chrome van.	90	2	2,5	5
56	İSİK ALPEREN	Unpeened	600	2,5	12	50	45	squared&ground	chrome van.	95	2	2	infinite
57	İSMALOĐULLARI MEHMET ALI	Peened	1000	2,0	10	50	45	plain&ground	oil tempered	99	1,5	2	2
58	İYİDİR MUHAMMET ATILLA	Unpeened	800	2,0	14	60	40	squared&ground	hard drawn	90	1,5	3	2
59	KALKAN SADETTİN	Peened	600	3,5	12	55	45	plain&ground	oil tempered	99	2	2,5	2
60	KAMBAL NAGİ ALİ ÖMER	Unpeened	600	2,5	10	60	50	squared&ground	chrome van.	95	3	3	5
61	KAPLAN MEHMET ÖĐUZHAN	Unpeened	600	2,0	14	60	50	plain&ground	hard drawn	99	2	3	infinite
62	KARACA MUHAMMET FATİH	Unpeened	800	2,5	12	60	50	squared&ground	chrome van.	90	3	2,5	2
63	KARAKIZ MUSTAFA FEVZİ	Peened	800	3,5	10	60	45	plain&ground	chrome van.	95	1,5	2,5	5
64	KARAPÜR AHMET CAN	Peened	600	2,0	12	55	50	plain	hard drawn	99	2	3	infinite
65	KARASAKAL TEOMAN	Peened	1000	2,0	14	50	50	squared&ground	oil tempered	95	2	2,5	2
66	KARATAŞ HASAN	Peened	800	2,5	12	60	50	plain&ground	chrome van.	90	1,5	2	2
67	KARATAŞ MEHMET SERDAR	Unpeened	600	2,5	10	55	45	squared&ground	hard drawn	99	2	2	5
68	KAYIHAN AYKUT	Peened	600	2,0	10	60	40	plain&ground	oil tempered	99	1,5	3	infinite
69	KAYMAZ YAKUP ERKAN	Unpeened	600	2,5	12	60	40	plain	hard drawn	95	3	2,5	2
70	KAYRA EMİRHAN	Peened	800	3,5	12	55	45	squared&ground	oil tempered	90	2	3	5
71	KAZAK HALİL	Unpeened	600	2,0	14	50	50	plain&ground	hard drawn	95	3	3	infinite
72	KİLİNCİARSLAN EMİR	Peened	600	2,0	14	50	50	squared&ground	oil tempered	99	1,5	2,5	2
73	KİNAÇILAR ARIF BERKAY	Unpeened	800	3,5	12	50	50	plain&ground	chrome van.	95	2	2	2
74	KİNALI TUNAHAN	Unpeened	600	2,5	10	60	45	squared&ground	hard drawn	90	2	2,5	2
75	KİRİK HANİF FURKAN	Unpeened	1000	2,0	12	55	50	plain&ground	chrome van.	99	1,5	3	5
76	KİRTİS İSMAIL	Peened	800	2,5	14	60	60	squared&ground	chrome van.	99	1,5	2,5	infinite
77	KONAR MEHMET LÜĐUR	Peened	600	3,5	10	60	50	plain&ground	oil tempered	95	3	2	2
78	KONCA ERSAİL	Peened	600	2,0	12	60	45	plain	hard drawn	90	1,5	2	5
79	KÖSE ERSİN	Peened	600	2,0	10	55	40	squared&ground	oil tempered	95	2	3	infinite
80	KÖSELİR MUHAMMED ENES	Unpeened	800	2,5	12	50	40	plain&ground	chrome van.	99	2	2,5	5

81	KURAK YUNUS EMRE	Peened	800	2,0	12	60	45	square&ground	hard drawn	90	1,5	3	infinite
82	KUÇUK MUHAMMED TUNA	Unpeened	600	3,5	14	55	45	plain&ground	chrome van.	95	1,5	3	2
83	KÜLTER NURULLAH	Peened	1000	2,5	40	60	40	square&ground	chrome van.	99	2	2	5
84	MAAB YASSIR OMER SULIMAN	Unpeened	800	2,0	12	60	50	plain&ground	hard drawn	90	2	2	infinite
85	MAHMOUD FARIS ABDELRAHMAN RASHED	Peened	600	2,5	10	55	50	plain	oil tempered	99	1,5	3	2
86	MAHYOUB MOHAMMED ABDULRAHMAN HAMOOD	Unpeened	600	3,5	14	50	50	square&ground	chrome van.	95	2	2,5	5
87	MAYDANOZOĞLU SERKAN	Unpeened	600	2,0	12	50	45	plain&ground	chrome van.	99	2	3	infinite
88	MOHAMAD ALHAJ HAMDO OMAR	Unpeened	800	2,0	10	50	40	square&ground	oil tempered	90	1,5	3	2
89	NASRIEH SULEIMAN ALI SULEIMAN	Peened	600	3,5	14	60	40	plain&ground	hard drawn	95	1,5	2,5	5
90	OBUT MUHAMMED FURKAN	Peened	600	2,5	12	55	45	square&ground	oil tempered	99	2	2,5	infinite
91	OBUZ SÜLEYMAN FURKAN	Peened	800	2,0	10	60	50	plain&ground	chrome van.	95	3	3	2
92	OMIDI FATEMEH	Peened	600	2,5	14	60	50	square&ground	hard drawn	90	2	2,5	5
93	OKSUZ MURAT ALI	Unpeened	1000	3,5	12	60	50	plain&ground	chrome van.	99	3	2	infinite
94	OZDEMIR SELAMI	Peened	800	2,0	10	50	45	plain	chrome van.	99	1,5	2	5
95	OZDEMIR MEHMET KURSAT	Unpeened	600	2,0	12	60	50	square&ground	hard drawn	99	2	3	infinite
96	OZDEMIR MERT KADIR	Peened	600	2,5	14	55	50	plain&ground	oil tempered	90	2	2,5	2
97	OZDEMIR FURKAN	Unpeened	600	2,0	12	60	50	square&ground	chrome van.	99	1,5	3	5
98	OZTURK HALIL IBRAHIM	Peened	800	2,0	10	60	45	plain&ground	hard drawn	95	1,5	3	infinite
99	OZTURK ALI MANSAR	Unpeened	800	2,5	10	60	50	plain	oil tempered	99	2	2,5	2
100	OZTURK DURAN	Unpeened	600	2,0	12	55	50	square&ground	hard drawn	90	3	2	5
101	PARLAK SUDE	Unpeened	1000	2,5	12	50	45	plain&ground	oil tempered	95	2	2,5	infinite
102	PIR FURKAN	Peened	800	3,5	14	60	50	square&ground	hard drawn	99	3	3	2
103	POYRAZ MUSTAFA	Peened	600	2,0	12	55	50	plain&ground	oil tempered	95	1,5	2,5	5
104	SALIBHYAH YOUSEF S. H.	Peened	600	3,5	10	60	50	square&ground	chrome van.	90	2	2	infinite
105	SANER MUHAMMED SIRAC	Unpeened	600	2,5	14	60	45	plain&ground	hard drawn	99	2	2	2
106	SARI MAHMUT	Peened	600	2,0	12	55	50	square&ground	oil tempered	99	3	2,5	infinite
107	SERT EMINE SIMGE	Peened	800	2,5	14	60	50	plain&ground	chrome van.	95	1,5	3	2
108	SON SERKAN	Peened	600	3,5	10	60	50	square&ground	hard drawn	99	2	3	2
109	SONER AHMET BARAN	Unpeened	600	2,0	12	60	45	plain&ground	chrome van.	90	2	2,5	2
110	SUNGUR ARDA	Peened	800	2,0	10	55	40	plain	chrome van.	95	1,5	2	5
111	ŞAHAN İBRAHİM HALİL	Unpeened	600	2,5	14	50	40	square&ground	hard drawn	99	2	2,5	infinite
112	ŞAHİN GÜLTEKİN	Peened	1000	2,0	12	60	45	plain&ground	oil tempered	95	1,5	3	2
113	ŞAVKILI EMİRHAN	Unpeened	800	3,5	10	55	45	square&ground	chrome van.	90	3	2,5	5
114	ŞEN SAMET	Peened	600	2,5	14	60	40	plain&ground	chrome van.	99	2	2	infinite
115	ŞİMDİVAR BERK	Unpeened	600	2,0	12	60	50	square&ground	oil tempered	99	3	2	2
116	ŞİMŞEK ONUR	Unpeened	600	2,5	10	55	50	plain&ground	hard drawn	95	1,5	3	2
117	TAN MURAT	Unpeened	800	3,5	14	50	50	square&ground	oil tempered	90	2	2,5	5
118	TANRIOVEN KORAY	Peened	800	2,0	12	50	45	plain&ground	chrome van.	95	2	3	infinite
119	TAŞ YUNUS EMRE	Peened	600	2,0	10	50	40	plain	hard drawn	99	1,5	3	2
120	TAŞ SİMGE	Peened	1000	3,5	12	60	40	square&ground	chrome van.	95	1,5	2,5	5
121	TEKEREK EDA NUR	Unpeened	800	2,5	14	55	45	plain&ground	chrome van.	90	2	2,5	infinite
122	TOKER MUSA	Peened	600	2,0	12	60	50	square&ground	hard drawn	99	3	2	2
123	TOPALFAKIOĞLU EREN	Peened	600	2,5	10	60	50	plain&ground	oil tempered	99	2	2	2
124	TOPRAK SERVET	Peened	600	3,5	10	60	50	plain	chrome van.	95	3	3	2
125	TOPRAK TAYYİP EFE	Unpeened	600	2,0	12	50	45	square&ground	hard drawn	90	1,5	2,5	5
126	TUR YUSUF	Peened	800	2,0	12	60	50	plain&ground	oil tempered	95	2	3	infinite
127	ULAS FEYZA	Unpeened	600	2,5	14	55	50	square&ground	hard drawn	99	2	3	2
128	ULUDAĞ GENGÖR CAN	Peened	600	2,0	12	60	50	plain&ground	oil tempered	90	1,5	2,5	5
129	UNRULU MEDİNE	Unpeened	800	2,0	10	60	45	square&ground	hard drawn	95	2	2	infinite
130	ÖSTNER OĞUZHAN	Peened	600	2,5	14	60	50	plain&ground	oil tempered	99	1,5	2,5	5
131	YALIEVA BIBİSHARİFA	Unpeened	1000	2,0	10	55	50	square&ground	chrome van.	90	3	3	infinite
132	YANARDAĞ SEFA	Unpeened	800	2,5	14	50	45	plain&ground	hard drawn	99	2	2,5	2
133	YANIT ATAHAN	Unpeened	600	3,5	12	60	50	square&ground	oil tempered	95	3	2	5
134	YAŞAR MUHAMMED	Peened	600	2,0	10	55	50	plain&ground	chrome van.	99	1,5	2	infinite
135	YENER MERTCAN	Peened	600	3,5	14	60	50	plain	hard drawn	90	2	3	2
136	YILDIRIM AHMET	Peened	800	2,5	12	60	45	square&ground	chrome van.	95	2	2,5	5
137	YILDIRIM YILMAZ	Unpeened	800	2,5	10	50	50	plain&ground	chrome van.	99	1,5	3	infinite
138	YILDIZ ABDULLAH	Peened	600	3,5	12	60	50	square&ground	hard drawn	95	1,5	3	2
139	YILMAZ FARUK	Peened	1000	2,0	14	55	45	plain&ground	oil tempered	90	2	2,5	5
140	YILMAZ SALİH TACETTİN	Peened	800	2,0	12	60	50	square&ground	chrome van.	99	1,5	2,5	infinite
141	YILMAZ ENES	Unpeened	600	2,5	10	60	50	plain&ground	chrome van.	99	2	3	2
142	YILMAZ HASAN	Peened	600	2,0	12	60	50	square&ground	oil tempered	99	2	2,5	5