

Surveotstarbeliste lehtteraste termotööstustemperatuurid

T. EN10028

Margitähis	Tunnus-nr.	T _{kar} °C	Karastus-keskkond	T _{nool} °C	T _{norm} °C
Mitteleeger- ja legeerterased etteantud kõrgetemperatuursete omadustega EN10028-2					
P235GH	1.0345				890-950
P265GH	1.0425				
P295GH	1.0481				
P355GH	1.0473				
16Mo3	1.5415				
18MnMo4-5	1.5414	890-950		600-640	890-950
20MnMoNi4-5	1.6311	870-940		610-690	
15NiCuMoNb5-6-4	1.6368	880-960		580-680	880-960
13CrMo4-5	1.7335	890-950		630-730	890-950
13CrMoSi5-5	1.7336	890-950		630-730	890-950
10CrMo9-10	1.7380	920-980		680-760	
12CrMo9-10	1.7375	925-980		630-710	
X12CrMo5	1.7362	920-970		680-750	920-970
13CrMoV9-10	1.7703	930-990		670-750	930-990
12CrMoV12-10	1.7767	900-960		675-710	890-950
X10CrMoVNb9-1	1.4903	1040-1100		730-780	1040-1100
Ni-terased etteantud madalatemperatuursete omadustega EN10028-4					
11MnNi5-3	1.6212	880-940	õhk	580-640	
13MnNi6-3	1.6217	880-940	õhk	580-640	
15NiMn6	1.6228	850-900	õhk või vesi	600-660	
12Ni14	1.5637	820-880	õhk või vesi	580-640	
12Ni19	1.5680	800-850	õhk või vesi	580-660	
X9Ni9	1.5662	770-830	õhk või vesi	540-600	880-930
X7Ni9	1.5663				
Roostevabad terased EN10028-7					
Cr-Ni-terased	1.4541 1.4550	900-940	õhk		
Terased C≤0,07% C≤0,03% C≤0,02%		ei soovitata 900-940 või 960-1040 ei soovitata	õhk õhujuga		
Roomekindlad terased		900-950	õhk		

EN10028	DIN EN10028		Soome SFS	Rootsi SS	Vene ГОСТ	Suurbr. BS
	Tunnus-nr.	Margitähis				
10028-5						
P355M	1.8821					
P355ML	1.8833					
P420M	1.8824	-	-	-	-	-
P420ML	1.8835					
P460M	1.8826					
P460ML	1.8837					
P550M	1.8830					

10028-6						
P460Q	1.8870					
P460QH	1.8871					
P460QL	1.8872					
P500Q	1.8873					
P500QH	1.8874	-	-	-	-	-
P500QL	1.8875					
P550Q	1.8876					
P550QH	1.8877					
P550QL	1.8878					
P690Q	1.8879					
P690QH	1.8880					
P690QL	1.8881					

10028-7						
X1CrNi25-21	1.4335	-	-	-	-	-
X1CrNiMoCuN20-18-7	1.4547	-	-	-	-	-
X1CrNiMoCuN25-25-2	1.4537	-	-	-	-	-
X1CrNiMoCuN25-22-2	1.4466	-	-	-	-	-
X1NiCrMoCu25-20-5	1.4539	X1NiCrMoCuN25-20-5	-	2562	-	-
X1NiCrMoCu31-27-4	1.4563	-	-	-	-	-
X1NiCrMoCuN25-20-7	1.4529	-	-	-	-	-
X2CrMoTi18-2	1.4521	X2CrMoTi18-2	-	2326	-	-
X2CrNi12	1.4003	-	-	-	-	-
X2CrNi18-9	1.4307	-	-	-	-	-
X2CrNi19-11	1.4306	X2CrNi19-11	720(X2CrNi 1810)	2352	03X18H11	304S11,C12,305 S11
	1.4404	GX2CrNi19-9	-	-	-	-
X2CrNiMo17-12-2	1.4432	X2CrNiMo17-12-2	-	2348	-	316S11,S13,S14, S31,S42,C12
	1.4435	GX2CrNiMoN18-10	-	-	-	-
X2CrNiMo17-12-3	1.4438	-	-	-	-	-
X2CrNiMo18-14-3	1.4507	X2CrNiMo18-14-3	725 (X2CrNiMo 1812)	2353	03X17H14 M3	316S11,S13,S14, S31
X2CrNiMo18-15-4	1.4501	X2CrNiMo18-15-4	-	2367	-	317S12
X2CrNiMoCuN25-6-3	1.4406	-	-	-	-	-
X2CrNiMoCuWN25-7-4	1.4429	-	-	-	-	-
X2CrNiMoN17-11-2	1.4439	X2CrNiMoN17-11-2	-	-	-	316S61,S63
X2CrNiMoN17-13-3	1.4434	X2CrNiMoN17-13-3	-	2375	-	316S63
X2CrNiMoN17-13-5	1.4462	-	-	-	-	-
X2CrNiMoN18-12-4	1.4410	-	-	-	-	-
X2CrNiMoN22-5-3	1.4311	X2CrNiMoN22-5-3	-	2377	-	318S13
X2CrNiMoN25-7-4	1.4362	-	-	-	-	304S61
X2CrNi18-10	1.4410	X2CrNi18-10	-	2371	-	-
X2CrNi23-4	1.4311	-	-	-	-	-
X2CrTi17	1.4362	-	-	-	-	-
X2CrTiNb18	1.4520	-	-	-	-	-
X3CrNiMo13-4	1.4509	X3CrNiMo13-4	386 (G-X6CrNi 134)	2384	-	425C11,C12
X3CrNiMo17-13-3	1.4313	GX5CrNi13-4	-	-	-	-
X3CrNiMoN17-13-3	1.4436	X3CrNiMo17-13-3	757 (X4CrNiMo 1811)	2343	-	316S19S31,S33
X3CrTi17	1.4910	-	-	-	-	-

EN10028	DIN EN10028		Soome SFS	Rootsi SS	Vene GOCT	Suurbr. BS
	Tunnus-nr.	Margitähis				
X4CrNiMo16-5-1	1.4510	X3CrTi17	-	-	08X17T	-
X5CrNi18-10	1.4418	-	-	-	-	-
X5CrNiMo17-12-2	1.4301	XX5CrNi18-10	725 (X4CrNi189)	2332 2333	0X18H10	304S11,S15, S16,S17,S31
X5NiCrAlTi31-20	1.4401	X5CrNiMo17-12-2	-	2347	-	316S13,S17, S19,S31,S33
X6CrNi18-10	1.4958	-	-	-	-	-

X6CrNi23-13	1.4948	-	-	-	-	-
X6CrNi25-20	1.4580	-	-	-	-	-
X6CrNiMoNb17-12-2	1.4571	X6CrNiMoNb17-12-2	-	-	08X16H13M2V	318 S17
X6CrNiMoTi17-12-2	1.4550	X6CrNiMoTi17-12-2	-	2350	10X17H13M2T	310 S18, S31
X6CrNiNb18-10	1.4516	X6CrNiNb18-10	-	2338	08X18H12V	347S21,S31, S51
X6CrNiTi12	1.4541	-	-	-	-	-
X6CrNiTi18-10		-	-	2337	06X18H10T 08X18H10T 09X18H10T 12X18H10T	321S31,S51
X7CrNiTi18-10	1.4941	-	-	-	-	-
X8CrNiNb16-13	1.4961	-	-	-	-	-
X8NiCrAlTi32-21	1.4959	-	-	-	-	-

