

Steels

European designation	W.-nr.	Old designation AFNOR	Germany DIN	USA AISI/SAE	Japan JIS
Machining steels					
11SMn30	1.0715	S250	9SMn28	1213	SUM22
11SMnPb30	1.0718	S250Pb	9SMnPb28	12L13	SUM22L
	1.0722	10PbF2	10SPb20	-	-
11SMn37	1.0736	S300	9SMn36	1215	SUM24
11SMnPb37	1.0737	S300Pb	9SMnPb36	12L14	SUM24L
Steels for heating treatments					
C15	1.0401	CC12	C15	1015	-
C20	1.0402	CC20	C22	1020	-
C35	1.0501	CC35	C35	1035	-
C45	1.0503	CC45	C45	1045	-
C55E	1.0535	E360	C55	1055	-
C60	1.0601	CC55	C60	1060	-
35S20	1.0726	35MF4	35S20	1140	-
44SMn28	1.0762	45MF6		1144	SUM43
C15E	1.1141	XC12	Ck15	1015	S15C
	1.1157	35M5	40Mn4	1039	-
C25E	1.1158	-	Ck25	1025	S25C
36Mn6	1.1167	40M5	36MN5	1335	SMn438(H)
	1.1170	20M5	28Mn6	1330	SCMn1
C35	1.1183	XC38TS	Cf35	1035	S35C
C45E	1.1191	XC42	Ck45	1045	S45C
C55	1.1203	XC55	Ck55	1055	S55C
C50E	1.1213	XC48TS	Cf53	1050	S50C
C60E	1.1221	XC60	Ck60	1060	S58C
C100	1.1274	XC100	Ck101	1095	
10Cr6	1.3505	100C6	100Cr6	52100	SUJ2
14Ni6	1.5622	16N6	14Ni6	ASTM-A350LF5	-
20NiCrMo2	1.6523	20NCD2	21NiCrMo2	8620	SNCM220(H)
40NiCrMo22	1.6546	-	40NiCrMo22	8740	SNCM240

17CrNiMo7	1.6587	18NCD6	17CrNiMo6	-	-
15Cr3	1.7015	12C3	15Cr3	5015	SCr415(H)
42Cr4	1.7045	-	42Cr4	5140	SCr440

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102Cr6	1.2067	Y100C6	100Cr6	L3	-
105WCr6	1.2419	105WC13	105WCr6	-	SKS31,SKS2,S KS3
55NiCrMoV6	1.2713	55NCDV7	55NiCrMoV6	L6	SKT4
50NiCr13	1.2721	55NCV6	50NiCr13	L6	
G20Mo5	1.5419	-	20MoCrS4	8620	-
36NiCr6	1.5710	35NC6	36NiCr6	3135	SNC236
14NiCr10	1.5732	14NC11	14NiCr10	3415	SNC415(H)
15NiCr13	1.5752	12NC15	14NiCr14	3415;3310	SNC815(H)
36CrNiMo4	1.6511	40NCD3	36CrNiMo4	9840	-
34CrNiMo6	1.6582	35NCD6	35CrNiMo6	4340	-
34Cr4	1.7033	32C4	34Cr4	5132	SCr430(H)
41Cr4	1.7035	42C4	41Cr4	5140	SCr440(H)
41CrS4	1.7039	-	34MoCrS4 G	L1	-
16MnCr5	1.7131	16MC5	16MnCr5	5115	-
16MnCrS5	1.7139	-	16MnCr5	-	-
55Cr3	1.7176	55C3	55Cr3	5155	SUP9(A)
25CrMo4	1.7218	25CD4	25CrMo4	4130	SCM420;SCM 430
34CrMo4	1.7220	35CD4	34CrMo4	4137;4135	SCM432;SCC RM3
41CrMo4	1.7223	42CD4TS	41CrMo4	4140;4142	SCM440(H)
42CrMo4	1.7225	42CD4	42CrMo4	4140	SCM440(H)
50CrMo4	1.7228	-	55NiCrMoV6G	-	-
15CrMo5	1.7262	12CD4	15CrMo5	-	SCM415(H)
13CrMo44	1.7335	15CD3.5- 15CD4.5	13CrMo4	ASTM-A182- F11;F12	-
42CrMo4	1.7361	30CD12	32CrMo12	-	-
10CrMo9 10	1.7380	12CD9,10	10CrMo9,10	ASTM-A182- F.22	-
14MoV6-3	1.7715	-	14MoV6	-	-
51CrV4	1.8159	50CV4	50CrV4	6150	SUP10
41CrAlMo7	1.8509	40CAD6,12	41CrAlMo7	-	-
31CrMo12	1.8515	30CD12	31CeMo12	-	
40CrMoV13-9	1.8523	-	39CrMoV13	-	-

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Structural steels					
S235JR	1.0038	E24-2.Ne	RSt.37-2	A570.36	STKM12A;C
S235JR	1.0038	-	GS-CK16	1115	-
St.37-3	1.0116	E24U		A573-81-65	
S275J2G3	1.0144	E28-3	St.44-2	A573-81	SM400A,B,C
	1.0570	E36-3	St.52-3	-	SM490A;B;C; YA;YB
	1.8900	-	StE380	A572-60	
	-	E36	17-MnV-6	A572-60	-
	5120	St.52-3	1.0841	2172	F-431
Tool steels					
X8Ni9	1.5662	-	X8Ni9	ASTM-A353	-
X12Ni5	1.5680	Z18N5	12Ni19	2515	-
16NiCrMo12	1.6657	-	14NiCrMo134	-	-
X210Cr12	1.2080	Z200C12	X210Cr12	D3	SKD1
X40CrMoV5	1.2344	Z40CDV5	X40CrMoV5-1	H13	SKD61
X100CrMoV5	1.2363	Z100CDV5	X100CrMoV5-1	A2	SKD12
X210CrW12	1.2436	-	X210CrW12	-	SKD2
45WCrV7	1.2542	-	45WCrV7	S1	-
X30WCrV9	1.2581	Z30WCV9	X30WCrV9-3 X30WCrV9-3KU	H21	SKD5
X165CrMoV12	1.2601	-	X165CrMoV12	-	-
X45CrSi 9 3	1.4718	Z45CS9	X45CrSi 9 3	HW3	SUH1
HS6-5-2C	1.3343	Z40CSD10	S6-5-2	D3	SUH3
HS6-5-5	1.3243	6-5-2-5	S6/5/2/5	M35	SKH55
HS 2-9-2	1.3348	-	S2/9/2	M7	-
X153CrMoV12	1.2379	-	X210Cr12G	HNV3	-
K700	1.3401	Z120M12	G-X120Mn12	-	SCMnH/1