

DIN EN 10027-2 material number	DIN EN 10027-2 (short) designation (manufacturer brand name)	Service hardness [HRC]
<b>Cold work steel</b>		
1.2080	X210Cr12 (K100)	58-60
1.2083	X40Cr14 (M310)	52-54
1.2085	X33CrS16 (M314)	48-50
1.2311	40CrMnMo7	48-50
1.2312	X36CrMnMoS86 (M200)	48-50
1.2316	X36CrMo17 (M303)	45-47
1.2363	X100CrMoV5 (K305)	57-60
1.2379	X155CrVMo12 (K110)	61-63
1.2436	X210CrW12 (K107)	58-60
1.2550	60WCrV7 (K455)	59-61
1.2631	X50CrMoW911	57-59
1.2767	X45NiCrMo4	54-56
1.2842	90MnCrV8 (K720)	63-65
1.2884	X210CrCoW12	59-61
STM UNIVERSAL		60-63
STM WOV 555		63-65
<b>Hot work steel</b>		
1.2342	X35CrMoV511	48-50
1.2343	X38CrMoV5-1 (W300)	54-56
1.2344	X40CrMoV5-1 (W302)	53-55
1.2367	X38CrMoV5-3 (W303)	52-54
1.2714	55NiCrMoV7	58-60
<b>High Speed Steel (HSS)</b>		
1.3343	HS6-5-2 C (S600)	64-66
1.3355	HS18-0-1 (S200)	64-66
<b>Stainless steel</b>		
1.4021	X20Cr13 (N320)	46-48
1.4034	X46Cr13 (N540)	53-55
1.4112	X90CrMoV18 (N685)	55-58
1.4122	X39CrMo17-1 (N335)	47-49
1.4125	X105CrMoV17 (N695)	58-60
1.4528	X105CrCoMo18-2 (N690)	57-60
<b>Powder metallurgy high speed steel</b>		
1.3377	HS 3-3-4 (ASP 2005)	62-64
1.3352	HS 4-3-8 (ASP 2053)	64-66
1.3345	HS 6-5-3 (ASP 2023 / S790)	62-64
S290		64-67
1.3344	PM 6-5-3	63-65
1.3202 / 1.3253	S390 PM	64-67
STM EWRA		64-66
SPM 23		64-66
SPM 150		63-65
CPM 10 V		62-64
CPM 15V		62-64
CPM 3V		61-63
CPM Rex 121		68-70
CPM Rex T15		61-63

The maximum hardness depends on the cross-section. All statement without guarantee.