

## 1.1 Rychlořezné oceli | Schnellstähle | High-speed steels

POLDI	W.Nr.	EN / EN ISO DIN / SEL	ČSN / PH	BS (GB)	AISI (USA)	AFNOR (France)	UNI (Italy)	GOST (Russia)	JIS (Japan)	SS (Sweden)
MAXIMUM MO	1.3333	HS3-3-2	19 820							
MAXIMUM MOC			19 850		M36					
MAXSP	1.3355	HS18-0-1	19 824	BT1	T1	Z80WCV	HS18-0-1	R18	SKH2	2750
MAXSP55			19 855	BT4	T4	Z80WKCV			SKH3	2754
MAXSP55M	1.3255	S18-1-2-5					HS18-1-2-5			
MAXSP55G			19 856					R9K5		
MAXSP75D	1.3243	HS6-5-2-5		BM35		Z90WDKCV	HS6-5-2-5	R6M5K5	SKH55	2723
MAXSP75MO			19 852			Z85WDKCV				
MAXSPGEX			19 802					R9		
MAXSPMO5	1.3339	HS6-5-2	19 830	BM2	M2	Z85WDCV	HS6-5-2	R6M5	SKH51	
MAXSPMO5H	1.3342	SC6-5-2	19 829							
MAXSPMO5S	1.3343	HS6-5-2C				Z90WDCV	HS6-5-2C			2722
MAXEX42	1.3247	HS2-9-1-8		BM42	M42	Z110DKCWV	HS2-9-1-8		SKH59	2716
MAXSP45	1.3246	S7-4-2-5	19 851		M41	Z110WKCDV	HS7-4-2-5			
MKG			19 857							
RADECO			19 810							
RADECO C			19 858							
RADECO M10	1.3207	HS10-4-3-10	19 861	BT42		Z130WKCDV	HS10-4-3-10		SKH57	

## 1.2 Nástrojové oceli legované | Werkzeuglegierungsstähle | Tool Alloyed steels

POLDI	W.Nr.	EN / EN ISO DIN / SEL	ČSN / PH	BS (GB)	AISI (USA)	AFNOR (France)	UNI (Italy)	GOST (Russia)	JIS (Japan)	SS (Sweden)	JINÉ
AK1NI SP	1.2787	X23CrNi17									
AK2 SPECIAL	1.2082	X21Cr13	19 434				X21Cr13Ku				
AK4MO SP	1.2316	X38CrMo16									
AK4R	1.2083	X40Cr14									

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CE4 SPECIAL	1.2162	21MnCr5	19 487								
CNB			19 655								
CNBD	1.2767	45NiCrMo16									
CNBV	1.2746	45NiCrMoV16-6									
CNF			19 642								
CNH SPECIAL			19 614								
CNH SPECIAL K	1.2721	50NiCr13									
CR			19 423		L2			9ChF			
CR2			19 426								
CR2KN	1.2327	86CrMoV7									
CRM	1.2303	100CrMo5	19 501								
DRAGON	(9.2099)										CPOH; K340; DC53; OH255
DS SPECIAL	1.2210	115CrV3	19 421								
DUPLEX	1.2515	100WV4	19 711						SKS21		
EK			19 422								NC6
EKD	1.2063	145Cr6									
ES SPECIAL			19 340				56SiMn7Ku				
EZH SPECIAL	1.2833	100V1	19 356	BW2		Y105V	102V2Ku		SKS43		
GSV			19 505								
GS3			19 520								
GS3D	1.2311	40CrMnMo7									
GS3S	1.2312	40CrMnMoS8-6									
HCM 18	1.2706	X3NiCoMo18-8-5	19 901								
HCM 20	1.2709	X3NiCoMoTi18-9-5	19 902								
HOR EXTRA	1.2764	X19NiCrMo4									
HPS			19 723								
KAPTOR			19 680								

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KAPTOR C	1.2731	X50NiCrWV13-13									
LDH			19 678								
LDH3 SPECIAL	1.2740	28NiCrMoV10	19 675								
LDHD	1.2329	46CrSiMoV7									
LDHD EFS	1.2329	46CrSiMoV7									
LDHN	1.2738	40CrMnNiMo8-6-4									
LN			19 541								
LNCR	1.2367	X38CrMoV5-3									
LNCR EFS	1.2367	X38CrMoV5-3									
LND	1.2365	32CrMoV12-28				32DCV12-28	30CrMoV1227Ku	3Ch3M3F	SKD7		
LND EFS	1.2365	32CrMoV12-28				32DCV12-28	30CrMoV1227Ku	3Ch3M3F	SKD7		
NLKD	1.2631	X50CrMoW9-1-1									
NLKH			19 559								
NLKV	(9.2394)										WP7V
NRS			19 550								
NRSU	1.2355 (1.2357)	50CrMoV13-15 50CrMoV13-14			S7						
RAZ 1			19 571								
RAZD	1.2358	60CrMoV18-5									
RAZM	1.2362	X63CrMoV5-1	19 569								
RAZU	1.2363	X100CrMoV5		BA2	A2	Z100CDV5	X100CrMoV51Ku		SKD12	2260	
RAZV	(9.2391)										CP4M
RCR 1	1.2008	140Cr3	19 420								
SC			19 452								
SCD	1.2101	62SiMnCr4									
SOLAR			19 712								
SPS	1.2414	120W4	19 710		F1						
STABIL			19 312								

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STABIL EXTRA			19 315								
STABIL K	1.2510 (1.2825)	100MnCrW4 95MnWCr5	19 314	BO1	O1	90MWCV5	95MnWCr5Ku			2140	
STABIL SP	1.2842	90MnCrV8	19 313			90MV8	90MnVCr8Ku				
SUPER DIAMANT			19 581		A7						
SWC	1.2410	74CrW1									
TBM EX1	1.2714	55NiCrMoV7	19 663		L6	55NCDV7					
TBM SP	1.2744	57NiCrMoV7-7	19 665								
TBM	1.2711	54NiCrMoV6									
TBM 1	1.2713	55NiCrMoV6	19 662	BH224/5	L6	55NCDV7		5ChNM	SKT4		
TENAX H	1.2550	60WCrV7	19 735			55WCV20	55WCrV8Ku				
TENAX N			19 732								
TENAX NB			19 733								
TENAX S	1.2542 (1.2549)	45WCrV7 50WCrV8		BS1	S1	45WCV20	45WCrV8Ku	5ChW2SF	2710		
TLH		X37CrMoV5-1	19 552	BH11	H11	Z38CDV5	X37CrMoV51Ku	4Ch5MFS	SKD6		
TLH EFS	1.2343	X37CrMoV5-1		BH11	H11	Z38CDV5	X37CrMoV51Ku	4Ch5MFS	SKD6		
TLHG	1.2343	X37CrMoV5-1		BH11	H11	Z38CDV5	X37CrMoV51Ku	4Ch5MFS	SKD6		
TLI		X40CrMoV5-1	19 554	BH13	H13	Z40CDV5	X40CrMoV511Ku	4Ch5MF1S	SKD61	2242	
TLIC	(9.2345)										
TLIC EFS	(9.2345)										
TLID	1.2345	X50CrMoV5-1									
TLI EFS	1.2344	X40CrMoV5-1		BH13	H13	Z40CDV5	X40CrMoV511Ku	4Ch5MF1S	SKD61	2242	
TLIG	1.2344	X40CrMoV5-1		BH13	H13	Z40CDV5	X40CrMoV511Ku	4Ch5MF1S	SKD61	2242	
TLW	1.2606 (1.2605)	X37CrMoW5-1 X35CrWMoV5	19 555	BH12	H12	Z35CWDV5			SKD62		
1 EXTRA	1.2008	140Cr3	19 420								
212			19 721								
212 D2	1.2567	30WCrV17-2	19 720			Z32WCV5	X30WCrV53Ku		SKD4		

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212 H EX	1.2622	X60WCrMoV9-4									
212 N	1.2581	X30WCrV9-3		BH21	H21	Z30WCV9	X30WCrV93Ku	3Ch2W8F	SKD5	2730	
301 EXTRA	1.2662	X30WCrCoV9-3	19 724								
425	1.2564	30WCrV15-1	19 740								
2002	1.2080	X210Cr12	19 436	BD3	D3	Z200C12	X205Cr12Ku	Ch12	SKD1		
2002D	1.2436	X210CrW12				Z210CW12-01	X215CrW121Ku			2312	
2002 EXTRA			19 574								
2002J				BD2					SKD11		
2002K	1.2379	X153CrMoV12	19 573	BD2	D2	Z160CDV12	X155CrVMo121Ku			2310	
2002N	1.2601	X165CrMoV12					X165CrMoW12Ku				
2002R			19 572					Ch12M			
2002 SPECIAL			19 437								
2002W	(9.2690)										CPR

### 1.3 Uhlíkové nástrojové oceli | Kohlenstoffwerkzeugstähle | Carbon Tool steels

POLDI	W.Nr.	EN / EN ISO DIN / SEL	ČSN / PH	BS (GB)	AISI (USA)	AFNOR (France)	UNI (Italy)	GOST (Russia)	JIS (Japan)	SS (Sweden)
EZH (4)	1.1545	C105U	19 191		W110	Y105	C100Ku	U10A	SK3	1880
FS (3)	1.1555	C120U	19 221		W112	Y120	C120Ku	U12	SK2	
EZR (5)	1.1525	C80U	19 152		W108	Y80	C80Ku	U8	SK5	
T5 EXTRA (6)	1.1520	C70U	19 132			Y70	C70Ku	U7	SK6	
T6H EXTRA	1.1730	C45U	19 083			Y48; Y42				
K1	1.1563	C125U	19 255					U13	SK1	
T5W EXTRA	1.1740	C60W	19 103						SK7	
MO, T6P			19 065							
T6HB			19 096							

## 2.1 Konstrukční oceli | Baustähle | Constructional steels

POLDI	W.Nr.	EN / EN ISO DIN / SEL	ČSN / PH	BS (GB)	AISI (USA)	AFNOR (France)	UNI (Italy)	GOST (Russia)	JIS (Japan)	SS (Sweden)
AL20	1.8509	41CrAlMo7-10			7140	40CAD6-12	41CrAlMo 7			2940
AL14			15 340	905M39				38Ch2MJuA		
AL16	1.8504	34CrAl6	14 340							
AUTO C	1.7033	34Cr4	14 141	530A32	5132	32C4	34Cr4KB	35Ch	SCr430	
AUTO D			14 151		5145	45C4		45Ch	SCr445	
AUTO K	1.7035	41Cr4		530H40	5140	42C4	40Cr4	40Ch	SCr440	
AUTO R	1.7034	37Cr4	14 140	530M36	5135	38C4	38Cr4KB	38ChA	SCr435	
BED	1.6587	17CrNiMo6 18CrNiMo7-6	16 326							
BEVG				815M17			18NiCrMo5			
BEV1	1.5807	15NiCr6-4	16 223			16NC6				
BEV2	1.5810	18NiCr5-4	16 220			20NC6				
BEV4			16 231							
BOZ			16 341							
BOZA	1.6565	40NiCrMo6		817M40						
BOZC								40Ch2N2MA 38Ch2N2MA		
BOZD	1.6582	34CrNiMo6	16 343					38Ch2N2MA		2541
BOZH				826M31						
BOZI	1.6511	36CrNiMo4					39NiCrMo3			
BOZM					4340		40NiCrMo7			
BOZR								40ChN2MA		
BOZS	1.6580	30CrNiMo8	823M30			30CND8	30CrNiMo8			
BO4	1.5710	36NiCr6	16 240					40ChN		
B35	1.5511	35B2	12 042							
B42			14 224							

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B43			14 230					27ChGR		
CE	1.7016	17Cr3	14 120					15ChA		
CE2	1.7131	16MnCr5	14 220	590M17		16MC5	16MnCr5	18ChG		
CE4	1.7147	20MnCr5	14 221			20MC5		18ChG		
CE4R		18CrMnTi5	14 223					18ChGT		
CE5T			14 231					25ChGT		
CM2	1.7243	18CrMo4	15 124	708M20		18CD4	18CrMo4	20ChM		
CM3	1.7218	25CrMo4	15 130	708A25		25CD4	25CrMo4	20ChM 30ChM	SCM420	2225
CM3R			15 131	708A30	4130	30CD4	30CrMo4	30ChM	SCM430	
CM4	1.7220	34CrMo4	15 141		4135	34CD4	35CrMo4	35ChM	SCM435	
CM5	1.7225	42CrMo4	15 142	708M40	4140	42CD4	42CrMo4	38ChM	SCM440	2244
CM6	1.7228	50CrMo4		708A47	4150				SCM445	
CNI	1.5919	15CrNi6	16 321							
CNL			16 640							
CNLD	1.5864	35NiCr18								
CNS	1.5755	31NiCr14	16 440						SNC836	
CRK3R	1.3520	100CrMn6	14 209					ŠCh15SG		
CVX			15 230							
CVZ			15 241							
CV3			15 240		6135			40ChFA		
CV4	1.8159	50CrV4 51CrV4	15 260	735A51	6150	50CV4	50CrV4	50ChFA	SUP10	2230
CV6	1.8161	58CrV4	15 261							
ESH	1.5026	55Si7	13 261			55S7		55S2		
ESH1	1.7108	60SiCr7	13 270		9261	61SC7		60S2		
ESL	1.5024	46Si7	13 251		9250	45S7				
HDM			15 236							
HDV	1.7733 1.7709	24CrMoV5-5 21CrMoV5-7	15 320							

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HDV 15			15 233							
HOR			16 720					18Ch2N4MA		
KLZ	1.3505	100Cr6	14 109	535A99	52100	100Cr6	100Cr6	ŠCh15	SUJ2	2258
LDHT			16 350					45ChN2MFA		
MOM				605M36						
MVC3			15 231							
MV4	1.5223	42MnV7	13 242							
NCA	1.6523	20NiCrMo2-2	16 125	805A20 805M20 805H20	8620	20NCD2	20NiCrMo2	20ChGNM	SNCM220	2506
NCG				637M17			16CrNi4			
NC2			16 121							
NIT2	1.7707 1.8519	30CrMoV9 31CrMoV9	15 330							
N6	1.7380	10CrMo9-10	15 313		P22	10CD9-10		12Ch8	SCMV4	2218
N10	1.8212	21CrVMoW12	15 420					20Ch3MVF		
ROL			14 331					30ChGSA		
ROLN			16 532					30ChGSN2A		
RWR			16 730					25Ch2N4VA		
SCH	1.7102	54SiCr6	14 260	685H57		60SC7			SUP12	
SCM	1.0912	46Mn7	13 250		1345			45G2		
TBOR								45ChN		
TEI	1.5860	14NiCr18	16 520							
TEM	1.5752	15NiCr13 14NiCr14	16 420	655H13 655M13		14NC12			SNC815	
TEMR			16 523		3316			20Ch2N4A		
TER			16 426			14NC11		12ChN3A		
TER1			16 522		3310			12Ch2N4A		
TOM								33ChS		
TOR			14 341					38ChS		
TWR								30ChN2VA		



<b>POLDI</b>	<b>W.Nr.</b>	<b>EN / EN ISO DIN / SEL</b>	<b>ČSN / PH</b>	<b>BS (GB)</b>	<b>AISI (USA)</b>	<b>AFNOR (France)</b>	<b>UNI (Italy)</b>	<b>GOST (Russia)</b>	<b>JIS (Japan)</b>	<b>SS (Sweden)</b>
TY3W			16 320							
T2 EXTRA			14 160							
VAR			12 020		1018			15G		1370
VARD	1.1151	Ck22	12 024		1020	XC18		20		1450
VARM	1.1141	Ck15	12 023		1015	XC15		15		
W2 EXTRA			13 180							
W5	1.1203	Ck55	12 060		1055	XC55	C55	55	S55C	1655
W5H	1.1221	Ck60	12 061		1060	XC60	C60	60	S60C	1665
W5W	1.1206	Ck50	12 051		1050	XC50	C50	50	S50C	1674
W6H	1.0503 1.1191	C45 C45E	12 050		1045	XC45	C45	45	S45C	
W6R	1.1186	Ck40	12 041		1040	XC42	C40	40	S40C	
W6W	1.1181	Ck35	12 040		1035	XC38	C35	35	S35C	1572
W7	1.1158	Ck25	12 030		1026	XC25	C25	25	S25C	
W7H	1.1178	Ck30	12 031		1030	XC32	C30	30	S30C	
W8	1.1121	Ck10	12 010		1010	XC10	C10	10	S10C	1265
2514	1.1170	28Mn6	13 141			28Mn6	C28Mn	30G2	SCMn1	
2518	1.5122	37MnSi5	13 240							
2526			14 240							

### 3.1 Nerezavějící oceli | Nichtrostende Stähle | Stainless Steels

POLDI	W.Nr.	EN / EN ISO DIN / SEL	ČSN / PH	BS (GB)	AISI (USA)	AFNOR (France)	UNI (Italy)	GOST (Russia)	JIS (Japan)	SS (Sweden)
AKM	1.4373 1.3965	X12CrMnNiN17-7-5 X8CrMnNi18-8	17 460		202			12Ch17G9AN4		
AKNIMO	1.4313	X3CrNiMo13-4			F6NM	Z4CND13-4				
AKOR			17 252							
AKV			17 242					17Ch18N9		
AKV EXTRA			17 345							
AKV EXTRA S			17 347							
AKV EXTRA S9	1.4571	X6CrNiMoTi17-12-2	17 348	320S31	316Ti	Z6CNDT17-12	X6CrNiMoTi1712	08Ch17N13M2T	SUS316Ti	2350
AKV EXTRA 2	1.4404	X2CrNiMo17-12-2	17 349	316S11	316L	Z2CND17-12	X2CrNiMo1712		SUS316L	2348
AKV EXTRA 7	1.4401	X5CrNiMo17-12-2	17 346	316S31	316	Z6CND17-11	X5CrNiMo1712		SUS316	2347
AKV SUPER S8			17 356					10Ch17N13M3T		
AKV ULTRA S9			17 353				X6CrNiMoTi1713	08Ch17N13M2T		
AKV ULTRA 2	1.4435	X2CrNiMo18-14-3	17 350	316S13	316L	Z3CND18-14-03	X2CrNiMo1713	03Ch17N14M2	SUS316L	2353
AKV ULTRA 7	1.4436	X3CrNiMo17-13-3	17 352	316S33	316	Z6CND18-12-03	X5CrNiMo1713		SUS316	2343
AKVB	1.4550	X6CrNiNb18-10		347S31	347	Z6CNNb18-10	X6CrNiNb1811	08Ch18N12B	SUS347	2338
AKVH			17 351							
AKVN	1.4300	X12CrNi18-8	17 241	302S25	302	Z12CN18-09	X10CrNi1809	12Ch18N9	SUS302	
AKVS	1.4878	X8CrNiTi18-10	17 246					12Ch18N9T		
AKVS7			17 247	321S12		Z6CNT18-10		08Ch18N10T		
AKVS9	1.4541	X6CrNiTi18-10	17 248	321S31	321	Z6CNT18-10	X6CrNiTi1811 X8CrNiTi1811	12Ch18N10T	SUS 321	2337
AKVU	1.4305	X8CrNiS18-9	17 243	303S31	303	Z8CNF18-09	X10CrNiS1809		SUS 303	2346
AKV2	1.4306	X2CrNi19-11	17 249	304S11	304L	Z3CN19-11	X2CrNi1811	03Ch18N11	SUS 304L	2352
AKV7	1.4301	X5CrNi18-10	17 240	304S15	304	Z6CN18-09	X5CrNi1810	08Ch18N10	SUS 304	2332
AK1	1.4006	X12Cr13	17 021	410S21	410	Z13C13	X12Cr13	12Ch13	SUS410	2302
AK1WB (AK1B)	1.4016	X6Cr17	17 040 (17 041)	430S15	430	Z8-C17	X8Cr17	12Ch17	SUS 430	2320
AK1DU	1.4104	X14CrMoS17			430F	Z13CF17	X10CrS17		SUS 430F	2383

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AK1NI	1.4057	X17CrNi16-2	17 145	431S29	431	Z15CN16-02	X16CrNi16	20Ch17N2	SUS 431	2321
AK1W	1.4000	X6Cr13	17 020	403S17	410S	Z8C12	X6Cr13	08Ch13	SUS410S	2301
AK2			17 027							
AK2S	1.4021	X20Cr13	17 022	420S37	420	Z20C13	X20Cr13	20Ch13	SUS 420J1	2303
AK3R	1.4028	X30Cr13	17 023	420S45	420	Z30C13	X30Cr13	30Ch13	SUS420J2	2304
AK4D	1.4034	X46Cr13			420	Z44C14				
AK4MO	1.4122	X39CrMo17-1								
AK4R	1.4031	X39Cr13	17 024		420	Z40C14	X40Cr14	40Ch13	SUS 420J2	2314
AK5			17 029			Z50C14				
AK9			17 042					95Ch18		
AK9M	1.4125	X105CrMo17			440C	Z100CD17			SUS 440C	
AK9MO	1.4112	X90CrMoV18	17 151							
HS	1.3401	X120Mn12	17 618	BW10		Z120M12	XG120Mn12	110G13L	SCMnH1	2183

### 3.2 Žáruvzdorné oceli | Hitzebeständige Stähle | Heat-Resisting Steels

POLDI	W.Nr.	EN / EN ISO DIN / SEL	ČSN / PH	BS (GB)	AISI (USA)	AFNOR (France)	UNI (Italy)	GOST (Russia)	JIS (Japan)
AKC	1.4845	X8CrNi25-21	17 255	310S24	310	Z8CN25-20	X6CrNi2520	20Ch23N18	SUH310
AKCS	1.4828	X15CrNiSi20-12	17 251	309S24		Z17CNS20-12		20Ch20N14S2	
AKX			17 153		446		X16Cr26	15Ch25T	SUH446
AKX7	1.4713	X10CrAlSi7	17 113					15Ch6SJ <sub>u</sub>	
AKX9	1.4724	X10CrAlSi13	17 125				X10CrAl12	10Ch13SJ <sub>u</sub>	
ANTOXYD			17 253						