M | DIN 2174 | 6HX | 3XD | HSS-E | E 1.5-2 | TiN

E305

- M Spectrum™ Tap 机用丝锥 挤压丝锥
- M Spectrum™ Tap Tarauds machine à refouler
- M Spectrum™ Tap Maschinen-Gewindebohrer
- M Macho Máquina Spectrum™ Tap Laminador
- M Spectrum™ Tap Machos de máquina Machos de laminación
- M Machine Tap Spectrum™ Tap Fluteless

Spectrum™ Tap 400

Vc[m/min]

P		M		K		N		S		H		O	
P 1	**32-66**	M 1	**8-22**	K 1		N 1.1	**32-48**	S 1	**16-24**	H 1		O 1	
P 2	**16-48**	M 2	**12-18**	K 2		N 1.2	**44-66**	S 2	**6-24**	H 2		O 2	
P 3	**16-48**	M 3	**8-12**	K 3		N 1.3	**20-48**	S 3		H 3		O 3	
P 4	**32-54**			K 4		N 1.4	**20-30**	S 4	**28-42**	H 4		O 4	
P 5	**8-48**			K 5		N 2	**20-48**	S 5				O 5	
						N 3.1	**20-30**	S 6				O 6	
						N 3.2	**32-48**					O 7	
						N 3.3							
						N 3.4							
						N 4							

$$n = \frac{Vc \times 1000}{\pi \times D}$$

SANDVIK Coromant

材料对照表/Tableaux de correspondance matériau/ Querverweistabellen (Material)/Tabelas de Referência Cruzada de Materiais/Tablas de referencias cruzadas de materiales/Material Cross Reference Tables

//Norme et Pays/région//Standard & Land/Region//Padrão & País/Região//Estándar y país/región//Standard & Country/Region

ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS
P	**非合金钢/Aciers non alliés/Unlegierter Stahl/Aços sem liga/Acero no aleado/ Unalloyed steels**											
钢/Acier/Stahl/Aços/Acero/Steel	P1.1.Z.AN	1.2	S235JR G2	1.0038	4360 40 C		1311	A570.36	E 24-2 Ne			STKM 12A;C
	P1.1.Z.AN	1.2	S235J2 G3	1.0116	4360 40 B		1312	A573-81 65	E 24-U	Fe37-3		
	P1.1.Z.AN	1.2	C15	1.0401	080M15	-	1350	1015	CC12	C15C16	F.111	-
	P1.1.Z.AN	1.2	C22	1.0402	050A20	2C/2D	1450	1020	CC20	C20C21	F.112	-
	P1.1.Z.AN	1.2	C15E	1.1141	080M15	32C	1370	1015	XC12	C16	C15K	S15C
	P1.1.Z.AN	1.2	C25E	1.1158	-	-	–	1025	-	-	-	S25C
	P1.1.Z.AN	1.2	S380N	1.8900	4360 55 E		2145	A572-60	-	FeE390KG		
	P1.1.Z.AN	1.3	17MnV7	1.0870	4360 55 E		2142	A572-60	NFA 35-501 E 36	-	-	
	P1.1.Z.AN	1.3	55Si7	1.0904	250A53	45	2085	9255	55S7	55Si8	56Si7	-
	P1.1.Z.HT	1.3	-	-	-	-	2090	9255	55S7	-	-	-
	P1.2.Z.AN	1.2	S275J2G3	1.0144	4360 43C		1412	A573-81	E 28-3	-	-	SM 400A;B;C
	P1.2.Z.AN	1.2	S355J2G3+C2	1.0570	4360 50B		2132	-	E36-3	Fe52BFN/ Fe52CFN	-	SM490A;B;C; YA;YB
	P1.2.Z.AN	1.2	S355J2G3	1.0841	150 M 19		2172	5120	20 MC 5	Fe52	F-431	
	P1.2.Z.AN	1.3	C35	1.0501	060A35	-	1550	1035	CC35	C35	F.113	-
	P1.2.Z.AN	1.3	C45	1.0503	080M46	-	1650	1045	CC45	C45	F.114	-
	P1.2.Z.AN	1.3	40Mn4	1.1157	150M36	15	-	1039	35M5	-	-	-
	P1.2.Z.AN	1.3	36Mn5	1.1167	–	–	2120	1335	40M5	-	36Mn5	SMn438(H)
	P1.2.Z.AN	1.3	28Mn6	1.1170	150M28	14A	-	1330	20M5	C28Mn	-	SCMn1
	P1.2.Z.AN	1.3	C35G	1.1183	060A35	-	1572	1035	XC38TS	C36	-	S35C
	P1.2.Z.AN	1.3	C45E	1.1191	080M46	-	1672	1045	XC42	C45	C45K	S45C
	P1.2.Z.AN	1.3	C53G	1.1213	060A52	-	1674	1050	XC48TS	C53	-	S50C
	P1.2.Z.AN	1.3	C55	1.0535	070M55	-	1655	1055	-	C55	-	-
	P1.2.Z.AN	1.3	C55E	1.1203	070M55	-	-	1055	XC55	C50	C55K	S55C
	P1.3.Z.AN	1.3	C60E	1.0601	080A62	43D	-	1060	CC55	C60	-	-
	P1.3.Z.AN	1.3	C60E	1.1221	080A62	43D	1678	1060	XC60	C60	-	S58C
	P1.3.Z.AN	1.3	C101E	1.1274	060 A 96		1870	1095	XC 100	-	F-5117	
	P1.3.Z.AN	1.3	S340 MGC	1.0961	-	-	-	9262	60SC7	60SiCr8	60SiCr8	-
	P1.3.Z.AN	1.4	C101u	1.1545	BW 1A		1880	W 1	Y105	C36KU	F-5118	SK 3
	P1.3.Z.AN	1.4	C105W1	-	BW2	-	2900	W210	Y120	C120KU	F.515	SUP4
	P1.4.Z.AN	1.2	11SMn30	1.0715	230M07	-	1912	1213	S250	CF9SMn28	11SMn28	SUM22
	P1.4.Z.AN	1.2	11SMnPb30	1.0718	-	-	1914	12L13	S250Pb	CF9SMnPb28	11SMnPb28	SUM22L
	P1.4.Z.AN	1.2	10SPb20	1.0722	-	-	-	-	10PbF2	CF10SPb20	10SPb20	-
	P1.4.Z.AN	1.2	11SMn37	1.0736	240M07	1B	-	1215	S 300	CF9SMn36	12SMn35	-
	P1.4.Z.AN	1.2	11SMnPb37	1.0737	-	-	1926	12L14	S300Pb	CF9SMnPb36	12SMnP35	-
	P1.4.Z.AN	1.2	35S20	1.0726	212M36	8M	1957	1140	35MF4	-	F210G	-
	P1.5.C.UT	1.2	GC16E	1.1142	030A04W	1A	1325	1115	-	-	-	-
	低合金钢/Aciers faiblement alliés/Niedriglegierter Stahl/Aços baixa-liga/ Acero de aleación baja/Low-alloyed steels											
	P2.1.Z.AN	1.3	16MnCr5	1.7139	-	-	2127	-	-	-	-	-
	P2.1.Z.AN	1.4-1.6	16Mo3	1.5415	1501-240	-	2912	A204Gr.A	15D3	16Mo3KW	16Mo3	-
	P2.1.Z.AN	1.4-1.6	14Ni6	1.5622	-	-	-	A350LF5	16N6	14Ni6	15Ni6	-
	P2.1.Z.AN	1.4-1.6	21NiCrMo2	1.6523	805M20	362	2506	8620	20NCD2	20NiCrMo2	20NiCrMo2	SNCM220(H)
	P2.1.Z.AN	1.4-1.6	17CrNiMo6	1.6587	820A16	-	-	-	18NCD6	-	14NiCrMo13	-
	P2.1.Z.AN	1.4-1.6	15Cr3	1.7015	523M15	-	-	5015	12C3	-	-	SCr415(H)
	P2.1.Z.AN	1.4-1.6	55Cr3	1.7176	527A60	48	-	5155	55C3	-	-	SUP9(A)
	P2.1.Z.AN	1.4-1.6	15CrMo5	1.7262	2127	-	2216	-	12CD4	-	12CrMo4	SCM415(H)
	P2.1.Z.AN	1.4-1.6	13CrMo4-5	1.7335	1501-620Gr27	-	-	A182 F11;F12	15CD3.5	14CrMo45	14CrMo45	-
	P2.1.Z.AN	1.4-1.6	10CrMo9 10	1.7380	1501-622Gr. 31;45	-	2218	A182 F.22	12CD9, 10	12CrMo9, 10	TU.H	-
	P2.1.Z.AN	1.4-1.6	14MoV6 3	1.7715	1503-660-440	-	-	-	-	-	13MoCrV6	-
	P2.1.Z.AN	1.4-1.6	50CoMo4	1.7228	823M30	33	2512	-	-	653M31	-	-
	P2.1.Z.AN	1.4-1.6	14NiCrMo134	1.6657	832M13	36C	-	-	-	15NiCrMo13	14NiCrMo131	-
	P2.1.Z.AN	1.4-1.6	16Mo5	1.5423	1503-245-420	-	-	4520	-	16Mo5	16Mo5	-
	P2.1.Z.AN	1.4-1.6	22Mo4	1.5419	605A32	-	2108	8620	25CD4	-	F520.S	-
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	25CrMo4	1.7218	1717CDS110	-	2225	4130	16MC5	25CrMo4(KB)	AM26CrMo4	SCM420; SCM430
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	16MnCr5	1.7131	(527M20)	-	2511	5115	35CD4	16MnCr5	16MnCr5	-
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	34CrMo4	1.7220	708A37	19B	2234	4137;4135	42CD4TS	35CrMo4	34CrMo4	SCM432; SCCRM3
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	41CrMo4	1.7223	708M40	19A	2244	4140;4142	42CD4	41CrMo4	42CrMo4	SCM 440
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	42CrMo4	1.7225	708M40	19A	2244	4140	30 CD 12	42CrMo4	42CrMo4	SCM440(H)
	P2.2.Z.AN	1.4-1.6	31CrMo12	1.8515	722 M 24		2240	-	-	30CrMo12	F-1712	
	P2.2.Z.AN	1.4-1.6	39CrMoV13 9	1.8523	897M39	40C	-	-	-	36CrMoV12	-	
	P2.2.Z.AN	1.4-1.6	41CrS4	1.7039	524A14	-	2092	L1	-	105WCR 5	-	-
	P2.2.Z.AN	1.4-1.6	45WCrV7	1.2542	BS1	-	2710	S1	-	45WCrV8KU	45WCrSi8	-
	P2.2.Z.AN	1.4-1.6	40NiCrMo8-4	1.6562	311-Type 7	-	-	8740	-	40NiCrMo2(KB)	40NiCrMo2	SNCM240
	P2.2.Z.AN	1.4-1.6	42Cr4	1.7045	-	-	2245	5140	-	-	42Cr4	SCr440
	P2.2.Z.AN	1.4-1.6	31NiCrMo14	1.5755	830 M 31		2534	-	55NCV6	-	F-1270	
	P2.2.Z.AN	1.6	50NiCr13	1.2721	-		2550	L6	40NCD3	-	F-528	

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ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS
P	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	36CrNiMo4	1.6511	816M40	110	-	9840	35NCD6	38NiCrMo4(KB)	35NiCrMo4	-
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	34CrNiMo6	1.6582	817M40	24	2541	4340	32C4	35NiCrMo6(KB)	-	-
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	34Cr4	1.7033	530A32	18B	-	5132	42C4	34Cr4(KB)	35Cr4	SCr430(H)
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	41Cr4	1.7035	530A40	18	-	5140	30CD12	41Cr4	42Cr4	SCr440(H)
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	32CrMo12	1.7361	722M24	40B	2240	-	50CV4	32CrMo12	F.124.A	-
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	51CrV4	1.8159	735A50	47	2230	6150	40CAD6, 12	50CrV4	51CrV4	SUP10
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	41CrAlMo7	1.8509	905M39	41B	2940	-	100C6	41CrAlMo7	41CrAlMo7	-
	P2.3.Z.AN	1.4-1.6	100Cr6	1.3505	534A99	31	2258	52100	105WC13	100Cr6	F.131	SUJ2
	P2.3.Z.AN/H1.2.Z.HA	1.4-1.6	105WCr6	1.2419	-	-	2140	-	105WC13	10WCr6	105WCr5	SKS31
	P2.3.Z.AN/H1.2.Z.HA	1.4-1.6	-	1.2714	-	-	-	L6	55NCDV7	-	F.520.S	SKT4
	P2.3.Z.AN/H1.3.Z.HA	1.4-1.6	100Cr6	1.2067	BL3	-	-	L3	Y100C6	-	100Cr6	-
	P2.5.Z.HT	1.4-1.6	36NiCr6	1.5710	640A35	111A	-	3135	35NC6	-	-	SNC236
	P2.5.Z.HT	1.4-1.6	14NiCr10	1.5732	-	-	-	3415	14NC11	16NiCr11	15NiCr11	SNC415(H)
	P2.5.Z.HT	1.4-1.6	14NiCr14	1.5752	655M13; A12	36A	-	3415;3310	12NC15	-	-	SNC815(H)
	P2.6.C.UT	1.3	14NiCr14	-	-	-	2223	-	-			
钢/Acier/Stahl/Aços/Acero/Steel	**高合金钢/Aciers fortement alliés/Hochlegierter Stahl/Aços alta-liga/ Acero de alta aleación/High-alloyed steels**											
	P3.0.Z.AN	1.4-1.6 (1.8)	X210Cr12	1.2080	BD3	-	-	D3	Z200C12	X210Cr13KU	X210Cr12	SKD1
	P3.0.Z.AN	1.4-1.6 (1.8)	X43Cr13	1.2083			2314					
	P3.0.Z.AN	1.4-1.6 (1.8)	X40CrMoV5 1	1.2344	BH13	-	2242	H13	Z40CDV5	X35CrMoV05KU	X40CrMoV5	SKD61
	P3.0.Z.AN	1.4-1.6 (1.8)	X100CrMoV5 1	1.2363	BA2	-	2260	A2	Z100CDV5	X100CrMoV51KU	X100CrMoV5	SKD12
	P3.0.Z.AN	1.4-1.6 (1.8)	X210CrW12	1.2436	-	-	2312	-	-	X215CrW12 1KU	X210CrW12	SKD2
	P3.0.Z.AN	1.4-1.6 (1.8)	X30WCrV9 3	1.2581	BH21	-	-	H21	Z30WCV9	X28W09KU	X30WCrV9	SKD5
	P3.0.Z.AN	1.4-1.6 (1.8)	X165CrMoV 12	1.2601	-	-	2310	-	-	X165CrMoW12KU	X160CrMoV12	-
	P3.0.Z.AN	1.4-1.6 (1.8)	X8Ni9	1.5662	1501-509;510	-	-	ASTM A353	-	X10Ni9	XBNi09	-
	P3.0.Z.AN	1.4-1.6 (1.8)	12Ni19	1.5680	-		-	2515	Z18N5	-	-	-
	P3.0.Z.HT	1.4-1.6 (1.8)	X155CrMoV12-1	1.2379	-	-	2736	HNV3	-	-	-	-
	P3.1.Z.AN	1.4-1.6 (1.8)	S6-5-2	1.3343	4959BA2	-	2715	D3	Z40CSD10	15NiCrMo13	-	SUH3
	P3.1.Z.AN	1.4-1.6 (1.8)	-	1.3343	BM 2		2722	M 2	Z85WDCV	HS 6-5-2-2	F-5603.	SKH 51
	P3.1.Z.AN	1.4-1.6 (1.8)	HS 6-5-2-5	1.3243	BM 35		2723	M 35	6-5-2-5	HS 6-5-2-5	F-5613	SKH 55
	P3.1.Z.AN	1.4-1.6 (1.8)	HS 2-9-2	1.3348	-		2782	M 7	-	HS 2-9-2	F-5607	-
	P3.2.C.AQ	1.4-1.6 (1.8)	G-X120Mn12	1.3401	Z120M12	-	2183	L3	Z120M12	XG120Mn12	X120Mn12	SCMnH/1
	铁素体/马氏体不锈钢/Aciers inoxydables ferritiques/martensitique//Ferritischer und martensitischer rostfreier Stahl//Aços inoxidáveis ferríticos/martensíticos//Acero inoxidable ferrítico/martensítico//Ferritic/Martensitic stainless steels											
	P5.0.Z.AN/P5.0.C.UT	2.2	X10CrAL13	1.4724	403S17	-	-	405	Z10C13	X10CrAl12	F.311	SUS405
	P5.0.Z.AN/P5.0.C.UT	2.2	X10CrAL18	1.4742	430S15	60	-	430	Z10CAS18	X8Cr17	F.3113	SUS430
	P5.0.Z.AN/P5.0.C.UT	2.2	X10CrAL2-4	1.4762	-	-	2322	446	Z10CAS24	X16Cr26	-	SUH446
	P5.0.Z.AN/P5.0.C.UT	2.3	X1CrMoTi18-2	1.4521	-		2326	S44400		-	-	-
	P5.0.Z.AN/P5.0.C.UT	2.3	X6Cr13	1.4000	403S17		2301	403	Z6C13	X6Cr13	F.3110	SUS403
	P5.0.Z.AN/P5.0.C.UT	2.3	X10Cr13	1.4006	410S21	56A	2302	410	Z10C14	X12Cr13	F.3401	SUS410
	P5.0.Z.AN/P5.0.C.UT	2.3	X6Cr17	1.4016	430S15	960	2320	430	Z8C17	X8Cr17	F3113	SUS430
	P5.0.Z.AN/P5.0.C.UT	2.3	X6CrAL13	1.4002	405S17	-	-	405	Z8CA12	X6CrAl13	-	-
	P5.0.Z.AN/P5.0.C.UT	2.3	X20Cr13	1.4021	420S37	-	2303	420	Z20C13	X20Cr13	-	-
	P5.0.Z.AN/P5.0.C.UT	2.3	X6CrMo17-1	1.4113	434S17	-	2325	434	Z8CD17.01	X8CrMo17	-	SUS434
	P5.0.Z.AN/P5.0.C.UT	2.3	X85CrMoV18-2	1.4748	443S65	59	-	HNV6	Z80CSN20.02	X80CrSiNi20	F.320B	SUH4
	P5.0.Z.AN/P5.0.C.UT	2.3	X12CrS13	1.4005	416 S 21		2380	416	Z11CF13	X12 CrS 13	F-3411	SUS 416
	P5.0.Z.AN/P5.0.C.UT	2.3	X46Cr13	1.4034	420S45	56D	2304	-	Z40CM	X40Cr14	F.3427	SUS420J2
	P5.0.Z.AN/P5.0.C.UT	2.3	X19CrNi17-2	1.4057	431S29	57	2321	431	Z15CNi6.02	X16CrNi16	F.3405	SUS431
	P5.0.Z.AN/P5.0.C.UT	2.4	X20CrMoV12-1	1.4922	-		2317	-	-	X20CrMoNi 12 01	-	-
	P5.0.Z.AN/P5.0.Z.HT	2.3	X7Cr14	1.4001					-	-	F.8401	-
	P5.0.Z.HT	2.2	X45CrS9-3-1	1.4718	401S45	52	-	HW3	Z45CS9	X45GrSi8	F322	SUH1
	P5.0.Z.PH	2.3	X4 CrNiMo16-5	1.4418	-		2387	-	Z6CND16-04-01			
	P5.0.Z.PH/P5.0.C.HT	2.2+2.4	X5CrNiCu-Nb16-4	1.4542 1.4548	-		-	630	Z7CNU17-04	-	-	-
	P5.1.Z.AN/P5.0.Z.HT	2.1	X14CrMoS17	1.4104	-	-	2383	430F	Z10CF17	X10CrS17	F.3117	SUS430F
	P1.2.Z.AN	1.2		1.0045	OVAKO 520M (Ovako Steel)							
	P1.2.Z.AN	1.2			S355J2G3(XM)							
	P1.2.Z.AN	1.3			FORMAX (Uddeholm Tooling)							
	P1.2.Z.AN	1.3			C45(XM)							
	P2.5.Z.HT	1.6			HARDOX 400 (SSAB – Swedish Steel Corp.)							
	P3.0.Z.AN	1.5			Orvar Supreme (Uddeholm Tooling)							

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ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS
M	**奥氏体不锈钢/Aciers inoxydables austénitiques/Austenitischer rostfreier Stahl/Aços inoxidáveis austeníticos/ Aceros inoxidables austeníticos/Austenitic stainless steels**											
不锈钢/Acier inoxydable/Rostfreier Stahl/Aços inoxidáveis/Acero inoxidable/ Stainless Steel	M1.0.Z.AQ	2.2	X5CrNi18-10	1.4301	304S15	58E	2332, 2333	304	Z6CN18.09	X5CrNi18 10	F.3551	SUS304
	M1.0.Z.AQ	2.2	X5CrNiMo17-2-2	1.4401	316S16	58J	2347	316	Z6CND17.11	X5CrNiMo17 12	F.3543	SUS316
	M1.0.Z.AQ	2.2	X6CrNiTi18-10	1.4541	321S12	58B	2337	321	Z6CNT18.10	X6CrNiTi18 11	F.3553 F.3523	SUS321
	M1.0.Z.AQ	2.3	X3CrNiMo13-4	1.4313	425C11	-	2385	CA6-NM	Z4CND13.4MZ38C13M	(G)X6CrNi304	-	SCS5
	M1.0.Z.AQ	2.4	X1CrNiMo-CuN20-18-7	1.4547	-	-	2378	S31254	Z1CNDU20-18-06AZ	-	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X53CrMnNiN21-9	1.4871	349S54	-	-	EV8	Z52CMN21.09	X53CrMnNiN21 9	-	SUH35, SUH36
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiN18-10	1.4311	304S62	-	2371	304LN	Z2CN18.10	-	-	SUS304LN
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMoN17-13-3	1.4429	-	-	2375	316LN	Z2CND17.13	-	-	SUS316LN
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMo17-12-2	1.4404	316S13		2348	316L	Z2CND17-12	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMo18-14-3	1.4435	316S13	-	2353	316L	Z2CND17.12	X2CrNiMo17 12	-	SCS16, SUS316L
	M1.0.Z.AQ/M1.0.C.UT	2.2	X3CrNiMo17-3-3	1.4436	316S33	-	2343, 2347	316	Z6CND18-12-03	X8CrNiMo1713	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMo18-15-4	1.4438	317S12	-	2367	317L	Z2CND19.15	X2CrNiMo18 16	-	SUS317L
	M1.0.Z.AQ/M1.0.C.UT	2.2	X6CrNiNb18-10	1.4550	347S17	58F	2338	347	Z6CNNb18.10	X6CrNiNb18 11	F.3552 F.3524	SUS347
	M1.0.Z.AQ/M1.0.C.UT	2.2	X6CrNiMoTi17-12-2	1.4571	320S17	58J	2350	316Ti	Z6NDT17.12	X6CrNiMoTi17 12	F.3535	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X10CrNiMoNb 18-12	1.4583	-	-	-	318	Z6CNDNb17 13B	X6CrNiMoNb17 13	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X15CrNiSi20-12	1.4828	309S24	-	-	309	Z15CNS20.12	-	-	SUH309
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMoN17-11-2	1.4406	301S21	58C	2370	308	Z1NCDU25.20	-	F.8414	SCS17
	M1.0.Z.AQ/M1.0.C.UT	2.2	X9CrNi18-8	1.4310	-	-	2331	301	Z12CN17.07	X12CrNi17 07	F.3517	SUS301
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNi19-11	1.4306	304S11	-	2352	304L	Z2CN18-10	X2CrNi18 11	-	-
	M1.0.Z.PH	2.4	X7CrNiAL17-7	1.4568 1.4504	316S111	-	-	17-7PH	Z8CNA17-07	X2CrNiMo1712	-	-
	M1.2.Z.AQ	2.1	X8CrNiS18-9	1.4305	303S21	58M	2346	303	Z10CNF 18.09	X10CrNiS 18.09	F.3508	SUS303
	(Ni > 20 %) - 超级奥氏体不锈钢/Aciers inoxydables super-austénitiques/Super-austenitischer rostfreier Stahl/ Aços inoxidáveis superaustenísticos/Aceros inoxidables austeníticos/Super-austenitic stainless steels											
	M2.0.C.AQ	2.2	G-X40NiCrSi36-18	1.4865	330C11	-	-	-	-	XG50NiCr39 19	-	SCH15
	M2.0.Z.AQ	2.2	X8CrNi25-21	1.4845	310S24	-	2361	310S	Z12CN25 20	X6CrNi25 20	F.331	SUH310
	M2.0.Z.AQ	2.2	X12NiCrSi36 16	1.4864	-	-	-	330	Z12NCS35.16	F-3313	-	SUH330
	M2.0.Z.AQ	2.4	X1NiCrMo-Cu31-27-4	1.4563	-	-	2584	NO8028	Z1NCDU31-27-03	-	-	-
	M2.0.Z.AQ	2.4	X1NiCrMo-Cu25-20-5	1.4539	-		2562	UNS V 0890A	Z2 NCDU25-20	-	-	-
	双相 (奥氏体/铁素体) 不锈钢/Aciers inoxydables Duplex/Duplexstahl/Aços inoxidáveis duplex/ Acero inoxidable dúplex/Duplex stainless steels											
	M3.1.Z.AQ/M3.1.C.AQ	2.3	X2CrNiN23-4	1.4362	-		2376	S31500	-	-	-	-
	M3.1.Z.AQ/M3.1.C.AQ	2.3	X8CrNiMo27-5	-	-		2324	S32900	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	2.3	X2CrNiMoN22-53	-	-		2327	S32304	Z2CN23-04AZ	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	2.3	-	-	-		2328	-	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	2.3	X2CrNiMoN22-53	-	-		2377	S31803	Z2CND22-05-03	-	-	-
	M1.0.Z.AQ	2.4	254 SMO									
	M1.1.Z.AQ	2.2	SANMAC 304 (Sandvik Steel)									
	M1.1.Z.AQ	2.2	SANMAC 304L (Sandvik Steel)									
	M1.1.Z.AQ	2.2	SANMAC 316 (Sandvik Steel)									
	M1.1.Z.AQ	2.2	SANMAC 316L (Sandvik Steel)									
	M3.2.Z.AQ	2.3	SANMAC SAF 2205 (Sandvik Steel)									
	M3.2.Z.AQ	2.3	SANMAC SAF 2507 (Sandvik Steel)									
K	**可锻铸铁/ Fonte malléable/Temperguss/Ferros fundidos maleáveis/Fundición maleable/ Malleable cast iron**											
铸铁/Fonte/Gusseisen/Ferros fundidos/ Fundición/Cast Iron	K1.1.C.NS	3.3	EN-GJMB350-10	0.8135	B 340/12		0815	32510	MN 35-10			FCMW330
	K1.1.C.NS	3.3	EN-GJMB450-6	0.8145	P 440/7		0852	40010	Mn 450	GMN 45		FCMW370
	K1.1.C.NS	3.3	EN-GJMB550-4	0.8155	P 510/4		0854	50005	MP 50-5	GMN 55		FCMP490
	K1.1.C.NS	3.3	EN-GJMB650-2	0.8165	P570/3		0856	A220-70003	Mn 650-3	GMN 65		FCMP590
	K1.1.C.NS	3.3	EN-GJMB700-2	0.8170	P690/2		0862	A220-80002	Mn700-2	GMN 70		FCMP690
	灰口铸铁/ Fonte grise/Grauguss/Ferros fundidos cinzentos/Fundición gris/Grey cast iron											
	K2.1.C.UT	3.1	EN-GJL-100	0.6010			0110	No 20 B	Ft 10 D			FC100
	K2.1.C.UT	3.1	EN-GJL-150	0.6015	Grade 150		0115	No 25 B	Ft 15 D	G 15	FG 15	FC150
	K2.1.C.UT	3.1-3.2	EN-GJL-200	0.6020	Grade 220		0120	No 30 B	Ft 20 D	G 20		FC200
	K2.1.C.UT	3.1-3.2	EN-GJL-200	0.6025	Grade 260		0125	No 35 B	Ft 25 D	G 25	FG 25	FC250
	K2.1.C.UT	3.1-3.2	EN-JLZ	0.6040	Grade 400		0140	No 55 B	Ft 40 D			
	K2.2.C.UT	3.1-3.2	EN-GJL-300	0.6030	Grade 300		0130	No 45 B	Ft 30 D	G 30	FG 30	FC300
	K2.2.C.UT	3.1-3.2	EN-GJL-350	0.6035	Grade 350		0135	No 50 B	Ft 35 D	G 35	FG 35	FC350
	K2.3.C.UT	3.3	GGL-NiCr20-2	0.6660	L-NiCuCr202		0523	A436 Type 2	L-NC 202			
	球墨铸铁/ Fonte ductile/Kugelgraphitguss/Ferros fundidos nodulares/ Fundición nodular/Nodular cast iron											
	K3.1.C.UT	3.3	EN-GJS-350-22-LT	0.7033	-		0717-15	-	-			
	K3.1.C.UT	3.3-3.4	EN-GJS-400-15	0.7040	SNG 420/12		0717-02	60-40-18	FCS 400-12	GS 370-17	FGE 38-17	FCD400
	K3.1.C.UT	3.3-3.4	EN-GJS-400-18-LT	0.7043	SNG 370/17		0717-12	-	FGS 370-17			FCD500
	K3.1.C.UT	3.3-3.4	EN-GJS-800-7	0.7050	SNG 500/7		0727	80-55-06	FGS 500-7	GS 500	FGE 50-7	
	K3.2.C.UT	3.3-3.4	EN-GJS-600-3	0.7060	SNG 600/3		0732-03	-	FGS 600-3			FCD600
	K3.3.C.UT	3.3-3.4	EN-GJS-700-2	0.7070	SNG 700/2		0737-01	100-70-03	FGS 700-2	GS 700-2	FGS 70-2	FCD700
	K3.5.C.UT	3.3-3.4	EN-GJSA-XNiCr20-2	0.7660	Grade S6		0776	A43D2	S-NC 202			

//Norme et Pays/région//Standard & Land/Region//Padrão & País/Região//Estándar y país/región//Standard & Country/Region

ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS
K	**蠕墨铸铁/Fonte à graphite compact/Gusseisen mit Vermiculargraphit/Ferros fundidos vermiculares/ Fundición de grafito compactado/Compacted graphite iron**										
	K4.1.C.UT	-	EN-GJV-300								
	K4.1.C.UT	-	EN-GJV-350								
	K4.2.C.UT	-	EN-GJV-400								
	K4.2.C.UT	-	EN-GJV-450								
	K4.2.C.UT	-	EN-GJV-500								
	等温淬火球墨铸铁/Fonte ductile bainitique ADI/Bainitisches Gusseisen mit Kugelgraphit/ Ferros dúcteis austemperados/Fundición dúctil austemperizada/Austempered ductile iron										
	K5.1.C.NS	-	EN-GJS-800-8				ASTM A897 No. 1				
	K5.1.C.NS	-	EN-GJS-1000-5				ASTM A897 No. 2				
	K5.2.C.NS	-	EN-GJS-1200-2				ASTM A897 No. 3				
	K5.2.C.NS	-	EN-GJS-1400-1				ASTM A897 No. 4				
	K2.1.C.UT	3.2	GG25								
	K3.1.C.UT	3.3	GGG-40								
N	**铝基合金/Alliages à base d'aluminium/Legierungen auf Aluminiumbasis/Ligas à base de alumínio/ Aleaciones con base de aluminio/Aluminium based alloys**										
	N1.1.Z.UT	7.1	AW-1070A	3.0275		4005		A7	4508	L-3071	A1070
	N1.2.Z.AG	7.2	AW-6082	3.2315	H30	4212	6082	A-SGM0,7	3571		
	N1.3.C.AG	7.3	G-AlSi9MgWA	3.2373		4253	SC64D	A-S7G			C4BS
	N1.3.C.AG	7.3	GD-AlSi8Cu3		LM24	4250	A380.1				A7075
	N1.3.C.AG	7.3	G-AlSi10Mg(Cu)		LM9	4253	A360.2				
	N1.3.C.UT	7.3	G-ALMG5		LM5	4252	GD-AlSi12	A-SU12			AC4A
	N1.3.C.UT	7.4	GD-AlSi12			4247	A413.0				A6061
	N1.3.C.UT	7.4	G-AlSi12(Cu)		LM20	4260	A413.1				ADC12
	N1.3.C.UT	7.4	G-AlSi12		LM6	4261	A413.2				
	N1.3.C.UT/N1.3.C.AG	7.3			LM25	4244	356.1				A5052
	铜基合金/Alliages à base de cuivre/Legierungen auf Kupferbasis/Ligas à base de cobre/ Aleaciones con base de cobre/Copper based alloys										
	N3.1.U.UT	6.1	E-Cu57	2.0060	C101	5010		Cu-a1		C11020	
	N3.3.U.UT	6.3	CW612N	2.0380	Cz 120			CuZn39Pb2		C37700	C3771
	N3.1.U.UT	6.4	Ampco 18								
	N3.4.C.UT	6.4	Ampco 25								
S	**镍基合金/Alliages à base de nickel/Legierungen auf Nickelbasis/Ligas à base de níquel/ Aleaciones con base de níquel/Nickel based alloys**										
	S2.0.C.UT	5.2-5.3	NiCo15Cr10MoAlTi	LW2 4674	- -	-	AMS 5397	-	-	-	
	S2.0.Z.AG	5.2-5.3	NiFe35Cr14MoTi	LW2.4662	- -	-	5660	ZSNCDT42	-	-	
	S2.0.Z.AG	5.2-5.3	NiCr20TiAk	2.4631	Hr401.601 -	-	-	NC20TA	-	-	
	S2.0.Z.AG	5.2-5.3	NiCu30AL3Ti	2.4375	3072-76 -	-	4676	-	-	-	
	S2.0.Z.AG	5.2-5.3	S-NiCr13A16MoNb	LW2 4670	3072-76 -	-	5391	NC12AD	-	-	
	S2.0.Z.AG	5.3	NiCr19Fe19NbMo	LW2.4668	HR8 -	-	5383	NC19eNB	-	-	
	S2.0.Z.AN	5.2-5.3	NiCr22Mo9Nb	2.4856	- -	-	5666	NC22FeDNB	-	-	
	S2.0.Z.AN	5.2-5.3	NiCr20Ti	2.4630	HR5.203-4 -	-	-	NC20T	-	-	
	钴基合金/Alliages à base de cobalt/Legierungen auf Kobaltbasis/Ligas à base de cobalto/ Aleaciones con base de cobalto/Cobolt based alloys										
	S3.0.Z.AG	-	CoCr20W15Ni		- -	-	5537C, AMS	KC20WN	-	-	
	S3.0.Z.AG	-	CoCr22W14Ni	LW2.4964			5772	KC22WN			
	钛合金/Alliages de titane/Legierungen auf Titanbasis/Ligas de titânio/ Aleaciones de titanio/Titanium alloys										
	S4.2.Z.AN	4.2-4.3	TiAl5Sn2.5	3.7115.1	TA14/17 -	-	UNS R54520	T-A5E	-	-	
	S4.2.Z.AN	4.2-4.3	TiAl6V4	3.7165.1	TA10-13/TA28 -	-	UNS R56401	T-A6V			
	S2.0.Z.AG	5.2-5.3	Nimonic PE 13, Inconel 700, Nimonic 901, Waspaloy								
	S2.0.Z.AG	5.3	Rene 95, Inconel 718								
	S2.0.Z.AN	5.2-5.3	Hastelloy C, Incoloy 825, Inconel 600, Monel 400								
	S2.0.Z.AN	5.3	Haynes 600, Nimocast PD16								
	S2.0.Z.UT/S2.0.Z.AN	5.2-5.3	Incoloy 800								
H	**硬材料/Matériaux trempés/Gehärtete Werkstoffe/Materiais endurecidos/Materiales templados/ Hardened materials**										
	H1.2.Z.HA	1.8	X65CrMo14	-	-	2541-06	0-2	-	-		AC4A
	H1.3.Z.HA	1.8	X110CrMoV15	1.4111	- -	2534-05	610	-	-		AC4A
	H1.2.Z.HA	1.8	Hardox 600								
O	**/Non ISO/Nicht ISO/Não ISO/No ISO/Non ISO**										
	O1.0.U.NS	8.1	PS		Styrene			Polystyrene			
	O1.0.U.NS	8.1	Polyvinyl chloride		PVC			Chlorure de polyvinyle			
	O2.0.U.NS	8.2	Bakelite								

有色金属/Matériaux non ferreux/ NE-Werkstoffe/Materiais não ferrosos/ Materiales no ferréos/Non-ferrous materials

超级耐热合金/Super-alliages résistants à la chaleur/Warmfeste Superlegierungen/ Superligas resistentes ao calor/ Super aleaciones termorrestistentes/Heat Resistant Super Alloys