



E615

- M Spectrum™ Tap 超长机用丝锥 螺旋槽 45°
- M Spectrum™ Tap Tarauds machine, Extra Long goujures hélicoïdales 45°
- M Spectrum™ Tap Maschinen-Gewindebohrer, extra lang, 45° Spirale
- M Macho Máquina Spectrum™ Tap Canal Helicoidal 45° Extra Longotraseiro
- M Spectrum™ Tap Machos de máquina Extra largo Estrías helicoidales a 45°
- M Machine Tap Spectrum™ Tap, Extra Long Spiral Flute 45°



Spectrum™ Tap 360



| | | Vc[m/min] | | | | | | | | | | | | | |
|-----|-------|-----------|-----|-----|-------|-------|-------|-----|-----|-----|--|-----|--|---|--|
| | | P | | M | | K | | N | | S | | H | | O | |
| P 1 | 22-46 | M 1 | 4-8 | K 1 | 19-29 | N 1.1 | 22-34 | S 1 | | H 1 | | O 1 | | | |
| P 2 | 8-34 | M 2 | 5-7 | K 2 | 13-24 | N 1.2 | | S 2 | 6-8 | H 2 | | O 2 | | | |
| P 3 | 8-34 | M 3 | 4-6 | K 3 | 19-29 | N 1.3 | | S 3 | | H 3 | | O 3 | | | |
| P 4 | 22-36 | | | K 4 | | N 1.4 | | S 4 | 6-8 | H 4 | | O 4 | | | |
| P 5 | 4-34 | | | K 5 | 13-19 | N 2 | | S 5 | | | | O 5 | | | |
| | | | | | | N 3.1 | 14-22 | S 6 | | | | O 6 | | | |
| | | | | | | N 3.2 | 28-54 | | | | | O 7 | | | |
| | | | | | | N 3.3 | 36-54 | | | | | | | | |
| | | | | | | N 3.4 | | | | | | | | | |
| | | | | | | N 4 | 36-54 | | | | | | | | |

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

材料对照表/Tableaux de correspondance matériau/ Quererverweistabellen (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 | | | | | | | | | | | |
| | 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 | - | - | - | - | |
| 钢/Acier/Stahl/Aços/Acero/Steel | 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 | - |

| //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 | 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 | - | - | - | - | - | |
| 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 | - | - | X165CrMoV12KU | 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 | | | | | | | | | |
| P1.2.Z.AN | 1.2 | | | | | | | | | | | |
| P1.2.Z.AN | 1.3 | | | | | | | | | | | |
| P1.2.Z.AN | 1.3 | | | | | | | | | | | |
| P2.5.Z.HT | 1.6 | | | | | | | | | | | |
| P3.0.Z.AN | 1.5 | | | | | | | | | | | |

| //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 | Sweden EN 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 | | | | | | | | | | | |
| | 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 superausteníticos/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/Aceros inoxidables 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 | | | | | | | | | | | |
| | 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 | FCD600 | |
| 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-AISI9MGWA | 3.2373 | | | 4253 | SC64D | A-S7G | | | C4BS | |
| | N1.3.C.AG | 7.3 | GD-AISI8Cu3 | | LM24 | | 4250 | A380.1 | | | | A7075 | |
| | N1.3.C.AG | 7.3 | G-AISI10Mg(Cu) | | LM9 | | 4253 | A360.2 | | | | | |
| | N1.3.C.UT | 7.3 | G-ALMG5 | | LM5 | | 4252 | GD-AISI12 | A-SU12 | | | AC4A | |
| | N1.3.C.UT | 7.4 | GD-AISI12 | | | | 4247 | A413.0 | | | | A6061 | |
| | N1.3.C.UT | 7.4 | G-AISI12(Cu) | | LM20 | | 4260 | A413.1 | | | | ADC12 | |
| | N1.3.C.UT | 7.4 | G-AISI12 | | LM6 | | 4261 | A413.2 | | | | | |
| | N1.3.C.UT/N1.3.C.AG | 7.3 | | | LM25 | | 4244 | 356.1 | | | | A5052 | |
| | 铜合金/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 | - | - | - | |
| | 钴合金/Alliages à base de cobalt/Legierungen auf Kobaltbasis/Ligas à base de cobalto/ Aleaciones con base de cobalto/Cobalt based alloys | | | | | | | | | | | | |
| S3.0.Z.AG | - | CoCr20W15Ni | | - | - | - | 5537C, AMS | KC20WN | - | - | - | | |
| S3.0.Z.AG | - | CoCr22W14Ni | LW2.4964 | | | | 5772 | KC22WN | | | | | |
| H | 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 | | | | | | | | | | |
| | 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 | | | | | | | | | | |