

Stainless steels

| Type / code | | Covered electrodes 1 | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------|---|
| | | 1.4316 | 1.4316 | 1.4551 | 1.4430 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4576 | 1.4370 | 1.4370 | 1.4009 | 1.4015 | 1.4120 | 1.4351 | 1.4440 | 1.4519 | | 2.4620 | 2.4653 | 2.4648 | 2.4621 | |
| Filler metal | | 1.4316 | 1.4316 | 1.4551 | 1.4430 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4576 | 1.4370 | 1.4370 | 1.4009 | 1.4015 | 1.4120 | 1.4351 | 1.4440 | 1.4519 | | 2.4620 | 2.4653 | 2.4648 | 2.4621 | |
| | | 1.4316 | 1.4316 | 1.4551 | 1.4430 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4576 | 1.4370 | 1.4370 | 1.4009 | 1.4015 | 1.4120 | 1.4351 | 1.4440 | 1.4519 | | 2.4620 | 2.4653 | 2.4648 | 2.4621 | |
| Base metal | | 1.4316 | 1.4316 | 1.4551 | 1.4430 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4576 | 1.4370 | 1.4370 | 1.4009 | 1.4015 | 1.4120 | 1.4351 | 1.4440 | 1.4519 | | 2.4620 | 2.4653 | 2.4648 | 2.4621 | |
| 1.3401 | X120Mn12 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4000 | X6Cr13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4001 | X7Cr14 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4002 | X6CrAl13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4003 | X2CrNi12/X2Cr11 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4006 | X12Cr13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4008 | GX7CrNiMo12-1/GX8CrNi13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4013 | X8Cr16 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4016 | X6Cr17 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4021 | X20Cr13 | | | ■ | | | | | | | | | | | | | | | | | | | | |
| 1.4024 | X15Cr13 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4027 | GX20Cr14 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4028 | X30Cr13 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4031 | X39Cr13 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4057 | X17CrNi16-2 | | | ■ | | | | | | | | | | | | | | | | | | | | |
| 1.4059 | GX22CrNi17 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4107 | GX8CrNi12 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4113 | X6CrMo17-1 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4116 | X50CrMoV15 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4120 | X20CrMo13/GX20CrMo13 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4300 | X 12 CrN i18 8 | | | ● | | | | | | | | | | | | | | | | | | | | |
| 1.4301 | X5CrNi18-10 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4303 | X4CrNi18-12 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4306 | X2CrNi19-11 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4308 | GX5CrNi19-10 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4309 | GX2CrNi19-11 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1.4310 | X10CrNi18-8 | ■ | ■ | ■ | | | | | | | | | | | | | | | | | | | | |
| 1.4311 | X2CrNiN18-10 | ● | ● | ● | | | | | | | | | | | | | | | | | | | | |
| 1.4312 | GX10CrNi18-10 | ● | ● | ● | | | | | | | | | | | | | | | | | | | | |
| 1.4313 | X3CrNiMo13-4 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4317 | GX4CrNi13-4 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4340 | GX40CrNi27-4 | | | | | | | | | | | | | | | | | | | | | | | |

● = suitable filler metal (of the same type /similar type or higher alloyed)

■ = suitable filler metal, take into account strength and corrosion resistance

Stainless steels

| Type / code | | Covered electrodes 2 | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------------|----------------------|---------------|----------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|----------------|---------------|----------------|----------------|----------------|----------------|--------------------|-----------------------|---------------|------------------|---------------|----------------|--------------------|
| | | 1.4316 | 1.4316 | 1.4551 | 1.4430 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4576 | 1.4370 | 1.4370 | 1.4009 | 1.4015 | 1.4120 | 1.4351 | 1.4440 | 1.4519 | | 2.4620 | 2.4653 | 2.4648 | 2.4621 |
| Filler metal | | E 19 9 L R 12 | E 19 9 L R 53 | E 19 9 Nb R 12 | E 19 12 3 L R 12 | E 19 12 3 L R 11 | E 19 12 3 L R 53 | E 19 12 3 Nb R 12 | E 19 12 3 Nb B 22 | E 19 12 3 Nb R 53 | E 18 Mn R 12 | E 18 Mn R 23 | E 13 R 52 | E 17 R 52 | EZ 13 1 R 52 | E 13 4 R 53 | E 18 16 5 N L R 12 | E 20 25 5 Cu N L R 53 | | EL-NiCr 16 Fe Mn | EL-NiCr 28 Mo | BEL-NiCr 19 Nb | EL-NiCr 20 Mo 9 Nb |
| | | Base metal | CARBO 4316 AC | CARBO 4316 MPR | CARBO 4551 AC | CARBO 4430 AC | CARBO 4430 Fall | CARBO 4430 MPR | CARBO 4576 AC | CARBO 4576 B | CARBO 4576 MPR | CARBO 4370 AC | CARBO 4370 MPR | CARBO 4009 MPR | CARBO 4015 MPR | CARBO 4120 MPR | CARBO 4351 MPR | CARBO 4440 AC | CARBO 4519 HE | | CARBOWELD 182 | CARBOWELD 135 | CARBOWELD 82 |
| 1.4371 | X2CrMnNiN17-7-5 | | | | | | | | | | ● | ● | | | | | | | | | | | |
| 1.4401 | X5CrNiMo17-12-2 | | | | ● | ● | ● | ● | ● | ● | | | | | | | | ● | | | | | |
| 1.4404 | X2CrNiMo17-12-2 | | | | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| 1.4406 | X2CrNiMoN17-11-2 | | | | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| 1.4407 | GX5CrNiMo13-4 | | | | | | | | | | | | ● | | | | | | | | | | |
| 1.4408 | GX5CrNiMo19-11-2 | | | | ● | ● | ● | ● | ● | ● | | | | | | | | ● | | | | | |
| 1.4409 | GX2CrNiMo19-11-2 | | | | ● | ● | ● | ● | ● | ● | | | | | | | | ● | | | | | |
| 1.4412 | GX5CrNiMo19-11-3 | | | | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | |
| 1.4413 | X4CrNiMo13-4 | | | | | | | | | | | | ● | | | | | | | | | | |
| 1.4414 | GXCrNiMo13-4 | | | | | | | | | | | | ● | | | | | | | | | | |
| 1.4425 | X2CrNiMo18-13-3 | | | | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | ● | ● | | | | | |
| 1.4429 | X2CrNiMoN17-13-3 | | | | ● | ● | ● | ● | ● | ● | | | | | | | ● | ● | | | | | ● |
| 1.4432 | X2CrNiMo17-12-3 | | | | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | ● | ● | | | | | ● |
| 1.4434 | X2CrNiMoN18-12-4 | | | | | | | | | | | | | | | | ● | ● | | | | | ■ |
| 1.4435 | X2CrNiMo18-14-3 | | | | ● | ● | ● | ● | ● | ● | | | | | | | ● | ● | | | | | |
| 1.4436 | X3CrNiMo17-13-3 | | | | ● | ● | ● | ● | ● | ● | | | | | | | ● | ● | | | | | |
| 1.4437 | GX6CrNiMo18-12 | | | | ● | ● | ● | ● | ● | ● | | | | | | | ● | ● | | | | | |
| 1.4438 | X2CrNiMo18-15-4 | | | | | | | | | | | | | | | | ● | ● | | | | | ■ |
| 1.4439 | GX3CrNiMoN17-13-5 | | | | | | | | | | | | | | | | ● | ● | | | | | ■ |
| 1.4446 | GX2CrNiMoN17-13-4 | | | | | | | | | | | | | | | | ● | ● | | | | | ■ |
| 1.4448 | GX6CrNiMo17-13 | | | | | | | | | | | | | | | | ● | ● | | | | | ■ |
| 1.4465 | (G)X2CrNiMoN25-25-2 | | | | | | | | | | | | | | | | | | | | | ■ | |
| 1.4466 | X1CrNiMoN25-22-2 | | | | | | | | | | | | | | | | | | | | | ■ | |
| 1.4500 | GX7CrNiMoCuNb25-20 | | | | | | | | | | | | | | | | | | | | | ● | |
| 1.4505 | X4NiCrMoCuNb20-18-2 | | | | | | | | | | | | | | | | | ● | | | | ● | ● |
| 1.4506 | X5NiCrMoCuTi20-18 | | | | | | | | | | | | | | | | | ● | | | | ● | ● |
| 1.4510 | X3CrTi17 | ■ | ■ | ■ | | | | | | | ■ | ■ | ● | | | | | ● | | | | | |
| 1.4511 | X3CrNb17 | ■ | ■ | ■ | | | | | | | ■ | ■ | ● | | | | | | | | | | |
| 1.4512 | X2CrTi12 | ■ | ■ | ■ | | | | | | | ■ | ■ | | | | | | | | | | | |
| 1.4513 | X2CrMoTi17-1 | ■ | ■ | ■ | | | | | | | ■ | ■ | | | | | | | | | | | |
| 1.4518 | GX1NiCrMoCuN25-20-6 | | | | | | | | | | | | | | | | | | | | | | ■ |

● = suitable filler metal (of the same type /similar type or higher alloyed)

■ = suitable filler metal, take into account strength and corrosion resistance

Stainless steels

| Type / code | | Covered electrodes 3 | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------------|----------------------|---------------|----------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|-----------------------|---------------|------------------|---------------|----------------|--------------------|
| | | 1.4316 | 1.4316 | 1.4551 | 1.4430 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4576 | 1.4370 | 1.4370 | 1.4009 | 1.4015 | 1.4120 | 1.4351 | 1.4440 | 1.4519 | | 2.4620 | 2.4653 | 2.4648 | 2.4621 |
| Filler metal | | E 19 9 L R 12 | E 19 9 L R 53 | E 19 9 Nb R 12 | E 19 12 3 L R 12 | E 19 12 3 L R 11 | E 19 12 3 L R 53 | E 19 12 3 Nb R 12 | E 19 12 3 Nb B 22 | E 19 12 3 Nb R 53 | E 18 8 Mn R 12 | E 18 8 Mn R 23 | E 13 R 52 | E 17 R 52 | EZ 13 1 R 52 | E 13 4 R 53 | E 18 16 5 N L R 12 | E 20 25 5 Cu N L R 53 | | EL-NiCr 16 Fe Mn | EL-NiCr 28 Mo | BEL-NiCr 19 Nb | EL-NiCr 20 Mo 9 Nb |
| | | Base metal | CARBO 4316 AC | CARBO 4316 MPR | CARBO 4551 AC | CARBO 4430 AC | CARBO 4430 Fall | CARBO 4430 MPR | CARBO 4576 AC | CARBO 4576 B | CARBO 4576 MPR | CARBO 4370 AC | CARBO 4370 MPR | CARBO 4009 MPR | CARBO 4015 MPR | CARBO 4120 MPR | CARBO 4351 MPR | CARBO 4440 AC | CARBO 4519 HE | | CARBOWELD 182 | CARBOWELD 135 | CARBOWELD 82 |
| 1.4520 | X2CrTi17 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | |
| 1.4521 | X2CrMoTi18-2 | | | | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | | | |
| 1.4529 | X1NiCrMoCuN25-20-7 | | | | | | | | | | | | | | | | | | | | | | ● |
| 1.4531 | GX2NiCrMoCuN20-18 | | | | | | | | | | | | | | | | | ● | | | | | ● |
| 1.4536 | GX2NiCrMoCuN25-20 | | | | | | | | | | | | | | | | | ● | | | | | ● |
| 1.4537 | X1CrNiMoCuN25-25-5 | | | | | | | | | | | | | | | | | | | | | | ● |
| 1.4538 | X 2 NiCrMoCuN 20 18 | | | | | | | | | | | | | | | | | ● | | | | | ● |
| 1.4539 | X1NiCrMoCu25-20-5 | | | | | | | | | | | | | | | | | ● | | | | | ● |
| 1.4541 | X6CrNiTi18-10 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | | | ● |
| 1.4547 | X1CrNiMoCuN20-18-7 | | | | | | | | | | | | | | | | | | | | | | ● |
| 1.4550 | X6CrNiNb18-10 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | | | ● |
| 1.4552 | GX5CrNiNb19-11 | ● | ● | ● | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | | | | | ● |
| 1.4557 | GX2CrNiMoCuN20-18-6 | | | | | | | | | | | | | | | | | | | | | | ● |
| 1.4561 | X1CrNiMoTi18-13-2 | | | | ● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| 1.4563 | X1NiCrMoCu31-27-4 | | | | | | | | | | | | | | | | | | | | ■ | | |
| 1.4571 | X6CrNiMoTi17-12-2 | | | | ● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| 1.4573 | X 10 CrNiMoTi 18 12 | | | | ● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| 1.4577 | X3CrNiMoTi25-25 | | | | | | | | | | | | | | | | | | | | ■ | | |
| 1.4578 | X3CrNiCuMo17-11-3-2 | | | | | | | | | | | | | | | | | | | | ■ | | |
| 1.4579 | X6CrNiMoTi17-12-2 | | | | | | | | ● | ● | ● | | | | | | | | | | | | |
| 1.4580 | X6CrNiMoNb17-12-2 | | | | | | | | ● | ● | ● | | | | | | | | | | | | |
| 1.4581 | GX5CrNiMoNb19-11-2 | | | | ● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| 1.4583 | (G)X10CrNiMoNb18-12 | | | | ● | ● | ● | ● | ● | | | | | | | | | ● | | | ■ | | |
| 1.4585 | GX7CrNiMoCuNb18-18 | | | | | | | | | | | | | | | | | ● | | | | | ● |
| 1.4586 | X5CrNiMoCuNb22-18 | | | | | | | | | | | | | | | | | ● | | | | | |
| 1.4948 | X6CrNi18-11 | ● | ● | ● | | | | | | | | | | | | | | | | | | | |
| 1.4961 | X8CrNiNb16-13 | | | | | | | | | | | | | | | | | ● | | | | | |
| 1.4981 | X8CrNiMoNb16-16 | | | | | | | | | | | | | | | | | ● | | | | | |
| 1.4988 | X8CrNiMoVNb16-13 | | | | | | | | | | | | | | | | | ● | | | | | |

● = suitable filler metal (of the same type /similar type or higher alloyed)

■ = suitable filler metal, take into account strength and corrosion resistance

| Stainless steels | | | | | | | | | | | | | | | | | | |
|------------------|-------------------------|--------------|-----------------|--------------|-----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|--------------|--|----------------|----------------|--------------------|--------------------|--|
| Type / code | wires and rods 1 | | | | | | | | | | | | | | | | | |
| | 1.4316 | 1.4316 | 1.4551 | 1.4551 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4519 | 1.4519 | 1.4370 | 1.4370 | | | | | | |
| Filler metal | G 19 9 L Si | W 19 9 L Si | G 19 9 Nb Si | W 19 9 Nb Si | G 19 12 3 L Si | W 19 12 3 L Si | G 19 12 3 Nb Si | W 19 12 3 Nb Si | G 20 25 5 Cu L | W 20 25 5 Cu L | G 18 8 Mn | W 18 8 Mn | | SG-NiCr 20 Nb | SG-NiCr 20 Nb | SG-NiCr 21 Mo 9 Nb | SG-NiCr 21 Mo 9 Nb | |
| Base metal | CARBO S-4316 Si | CARBO T-4316 | CARBO S-4551 Si | CARBO T-4551 | CARBO S-4430 Si | CARBO T-4430 | CARBO S-4576 Si | CARBO T-4576 | CARBO S-4519 | CARBO T-4519 | CARBO S-4370 Si | CARBO T-4370 | | CARBO S-2.4806 | CARBO T-2.4806 | CARBO S-2.4831 | CARBO T-2.4831 | |
| 1.3401 | X120Mn12 | | | | | | | | | | | | | | | | | |
| 1.4000 | X6Cr13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| 1.4001 | X7Cr14 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| 1.4002 | X6CrAl13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| 1.4003 | X2CrNi12/X2Cr11 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| 1.4006 | X12Cr13 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| 1.4008 | GX7CrNiMo12-1/GX8CrNi13 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4013 | X8Cr16 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4016 | X6Cr17 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| 1.4021 | X20Cr13 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4024 | X15Cr13 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4027 | GX20Cr14 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4028 | X30Cr13 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4057 | X17CrNi16-2 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4059 | GX22CrNi17 | | | | | | | | | | | | | | | | | |
| 1.4107 | GX8CrNi12 | | | | | | | | | | | | | | | | | |
| 1.4113 | X6CrMo17-1 | | | | | | | | | | | | | | | | | |
| 1.4120 | X20CrMo13/GX20CrMo13 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4300 | X 12 CrN i18 8 | | | ■ | ■ | | | | | | | | | | | | | |
| 1.4301 | X5CrNi18-10 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | | | | | | |
| 1.4303 | X4CrNi18-12 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | | | | | | |
| 1.4306 | X2CrNi19-11 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | | | | | | |
| 1.4308 | GX5CrNi19-10 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | | | | | | |
| 1.4309 | GX2CrNi19-11 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | | | | | | |
| 1.4310 | X10CrNi18-8 | ■ | ■ | ■ | ■ | | | | | | | | | | | | | |
| 1.4311 | X2CrNiN18-10 | ● | ● | | | | | | | | | | | | | | | |
| 1.4312 | GX10CrNi18-10 | | | ● | ● | | | | | | | | | | | | | |
| 1.4371 | X2CrMnNi17-7-5 | | | | | | | | | | ● | ● | | | | | | |
| 1.4401 | X5CrNiMo17-12-2 | | | | | ● | ● | ● | ● | ● | ● | ● | | | | | | |
| 1.4404 | X2CrNiMo17-12-2 | | | | | ● | ● | ● | ● | ● | ● | ● | | | | | | |
| 1.4406 | X2CrNiMo17-11-2 | | | | | ● | ● | | | ● | ● | | | | | | | |
| 1.4408 | GX5CrNiMo19-11-2 | | | | | ● | ● | ● | ● | ● | ● | | | | | | | |
| 1.4409 | GX2CrNiMo19-11-2 | | | | | ● | ● | ● | ● | ● | ● | | | | | | | |
| 1.4412 | GX5CrNiMo19-11-3 | | | | | ● | ● | ● | ● | | | | | | | | | |
| 1.4425 | X2CrNiMo18-13-3 | | | | | ■ | ■ | ■ | ■ | ● | ● | | | | | | | |
| 1.4429 | X2CrNiMo17-13-3 | | | | | ● | ● | | | ● | ● | | | | | ● | ● | |
| 1.4432 | X2CrNiMo17-12-3 | | | | | ● | ● | ● | ● | ● | ● | | | | | ● | ● | |
| 1.4434 | X2CrNiMo18-12-4 | | | | | ● | ● | | | ● | ● | | | | | ■ | ■ | |

● = suitable filler metal (of the same type / similar type or higher alloyed)

■ = suitable filler metal, take into account strength and corrosion resistance

| Stainless steels | | | | | | | | | | | | | |
|------------------|---------------------|--------------|-----------------|--------------|-----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|--------------|---|
| Type / code | wires and rods 2 | | | | | | | | | | | | |
| | 1.4316 | 1.4316 | 1.4551 | 1.4551 | 1.4430 | 1.4430 | 1.4576 | 1.4576 | 1.4519 | 1.4519 | 1.4370 | 1.4370 | |
| Filler metal | G 19 9 L Si | W 19 9 L Si | G 19 9 Nb Si | W 19 9 Nb Si | G 19 12 3 L Si | W 19 12 3 L Si | G 19 12 3 Nb Si | W 19 12 3 Nb Si | G 20 25 5 Cu L | W 20 25 5 Cu L | G 18 8 Mn | W 18 8 Mn | |
| Base metal | CARBO S-4316 Si | CARBO T-4316 | CARBO S-4551 Si | CARBO T-4551 | CARBO S-4430 Si | CARBO T-4430 | CARBO S-4576 Si | CARBO T-4576 | CARBO S-4519 | CARBO T-4519 | CARBO S-4370 Si | CARBO T-4370 | |
| | | | | | | | | | | | | | |
| 1.4435 | X2CrNiMo18-14-3 | | | | | ● | ● | ● | ● | ● | | | |
| 1.4436 | X3CrNiMo17-13-3 | | | | | ● | ● | ● | ● | ● | | | |
| 1.4437 | GX6CrNiMo18-12 | | | | | ● | ● | ● | ● | ● | | | |
| 1.4438 | X2CrNiMo18-15-4 | | | | | ● | | | ● | ● | | | |
| 1.4439 | GX3CrNiMoN17-13-5 | | | | | ● | ● | | ● | ● | | | ■ |
| 1.4446 | GX2CrNiMoN17-13-4 | | | | | ● | ● | | ● | ● | | | ■ |
| 1.4448 | GX6CrNiMo17-13 | | | | | ● | ● | | ● | ● | | | ■ |
| 1.4505 | X4NiCrMoCuB20-18-2 | | | | | | | | ● | ● | | | ● |
| 1.4510 | X3CrTi17 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | |
| 1.4511 | X3CrNb17 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | |
| 1.4512 | X2CrTi12 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | |
| 1.4513 | X2CrMoTi17-1 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | |
| 1.4518 | GX1NiCrMoCuN25-20-6 | | | | | | | | | | | | ■ |
| 1.4520 | X2CrTi17 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | ■ | ■ | |
| 1.4521 | X2CrMoTi18-2 | | | | | ■ | ■ | ■ | ■ | | | | |
| 1.4529 | X1NiCrMoCuN25-20-7 | | | | | | | | | | | | ● |
| 1.4531 | GX2NiCrMoCuN20-18 | | | | | | | | | | | | ● |
| 1.4536 | GX2NiCrMoCuN25-20 | | | | | | | | | | | | ● |
| 1.4537 | X1CrNiMoCuN25-25-5 | | | | | | | | | | | | ● |
| 1.4538 | X 2 NiCrMoCuN 20 18 | | | | | | | | ● | ● | | | ● |
| 1.4539 | X1NiCrMoCu25-20-5 | | | | | | | | ● | ● | | | ● |
| 1.4541 | X6CrNiTi18-10 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | |
| 1.4547 | X1CrNiMoCuN20-18-7 | | | | | | | | | | | | ● |
| 1.4550 | X6CrNiNb18-10 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | |
| 1.4552 | GX5CrNiNb19-11 | ● | ● | ● | ● | ■ | ■ | ■ | ■ | | | | |
| 1.4557 | GX2CrNiMoCuN20-18-6 | | | | | | | | | | | | ● |
| 1.4561 | X1CrNiMoTi18-13-2 | | | | | ● | ● | ● | ● | | | | |
| 1.4563 | X1NiCrMoCu31-27-4 | | | | | | | | | | | | ● |
| 1.4571 | X6CrNiMoTi17-12-2 | | | | | ● | ● | ● | ● | | | | |
| 1.4573 | X 10 CrNiMoTi 18 12 | | | | | ● | ● | ● | ● | | | | |
| 1.4579 | X6CrNiMoTi17-12-2 | | | | | ● | ● | ● | ● | | | | |
| 1.4580 | X6CrNiMoNb17-12-2 | | | | | ● | ● | ● | ● | | | | |
| 1.4581 | GX5CrNiMoNb19-11-2 | | | | | ● | ● | ● | ● | | | | |
| 1.4583 | (G)X10CrNiMoNb18-12 | | | | | ● | ● | ● | ● | | | | |
| 1.4585 | GX7CrNiMoCuNb18-18 | | | | | | | | | | | | ● |
| 1.4948 | X6CrNi18-11 | ● | ● | ● | ● | | | | | | | | |
| 1.4961 | X8CrNiNb16-13 | | | | | | | | | | | | ● |
| 1.4981 | X8CrNiMoNb16-16 | | | | | | | | | | | | ● |
| 1.4988 | X8CrNiMoVnb16-13 | | | | | | | | | | | | ● |

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■ = suitable filler metal, take into account strength and corrosion resistance