# Custom-cut sawn blanks made of forged & rolled material

**Milled on all sides upon request**

**www.stahlportal.com**

STAHLHANDEL GRÖDITZ GMBH
special and stainless steel

## Stainless Steel

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.4006 | X12Cr13 | AISI 410 |
| 1.4016 | X6Cr17 | AISI 430 |
| 1.4021 | X20Cr13 | AISI 420 |
| 1.4028 | X30Cr13 | AISI 420 |
| 1.4031* | X39Cr13 | AISI 420 |
| 1.4034 | X46Cr13 | AISI 420 |
| 1.4057 | X17CrNi16-2 | AISI 431 |
| 1.4104 | X14CrMoS17 | AISI 430F |
| 1.4112 | X90CrMoV18 | AISI 440B |
| 1.4122 | X39CrMo17-1 | |
| 1.4125 | X105CrMo17 | AISI 440C |
| 1.4301 | X5CrNi18-10 | AISI 304 |
| 1.4303 | X4CrNi18-12 | AISI 305\| 308 |
| 1.4305 | X8CrNiS18-9 | AISI 303 |
| 1.4306 | X2CrNi19-11 | AISI 304L |
| 1.4307 | X2CrNi18-9 | AISI 304L |
| 1.4313 | X3CrNiMo13-4 | F6NM |
| 1.4401 | X5CrNiMo17-12-2 | AISI 316 |
| 1.4404* | X2CrNiMo17-12-2 | AISI 316L |
| 1.4404 | NEW Remelted under vacuum | |
| 1.4410** | X2CrNiMoN25-7-4 | ASTM A182 F53 |
| 1.4418 | X4CrNiMo16-5-1 | |
| 1.4429 | X2CrNiMoN17-13-3 | AISI 316LN |
| 1.4435 | X2CrNiMo18-14-3 | AISI 316L |
| 1.4462** | X2CrNiMoN22-5-3 | AISI 318 LN<br>ASTM A182 F51 |
| 1.4501 | X2CrNiMoCuWN25-7-4 | ASTM A182 F55 |
| 1.4541 | X6CrNiTi18-10 | AISI 321 |
| 1.4542* | X5CrNiCuNb16-4 | AISI 630 |
| 1.4548* | X5CrNiCuNb17-4-4 | AISI 630 |
| 1.4550 | X6CrNiNb18-10 | AISI 347 |
| 1.4571 | X6CrNiMoTi17-12-2 | AISI 316Ti |
| 15-5 PH | X5CrNiCu15-5 | AISI XM-12 |
| 17-4 PH* | X5CrNiCuNb16-4 | AISI 630 |
| XM-19* | | AISI XM-19 |

## Tool Steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.2080 | X210Cr12 | AISI D3 |
| 1.2083* | X40Cr14 | AISI 420 |
| 1.2085 | X33CrS16 | AISI 420FM |
| 1.2312 | 40CrMnMoS8-6 | AISI P20+S |
| 1.2316 | X36CrMo17 | AISI 420 |
| 1.2343* | X37CrMoV5-1 | AISI H11 |
| 1.2344* | X40CrMoV5-1 | AISI H13 |
| 1.2358 | 60CrMoV18-5 | |
| 1.2379* | X153CrMoV12 | AISI D2 |
| 1.2436 | X210CrW12 | AISI D6 |
| 1.2510 | 100MnCrW4 | AISI O1 |
| 1.2714 | 55NiCrMoV7 | AISI L6 |
| 1.2738 | 40CrMnNiMo8-6-4 | AISI P20+Ni |
| 1.2767* | 45NiCrMo16 \| X45NiCrMo4 \| 6F7 | |
| 1.2842 | 90MnCrV8 | AISI 02 |

## Heat-resistant steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.6981 | 21CrMoNiV4-7 | |
| 1.7709 | 21CrMoV5-7 | |

## High-temperature-resistant steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.4903 | X10CrMoVNb9-1 | ASTM A182 F91<br>ASTM A336 F91 |
| 1.4923 | X22CrMoV12-1 | |

## High-strength structural steel

| Material | DIN | |
|---|---|---|
| 1.0570 | S355J2G3+N | St52-3 |

*** Available in ESR quality**

** DUPLEX | SUPER DUPLEX

## Heat-treatable steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.0503 | C45 | |
| 1.6511 | 36CrNiMo4 | AISI 4340 |
| 1.6565 | 40NiCrMo6 | AISI 4340 |
| 1.6580 | 30CrNiMo8 | AISI 4340 |
| 1.6582 | 34CrNiMo6 | AISI 4340 |
| 1.6587 | 18CrNiMo7-6 | |
| 1.6773 | 36NiCrMo16 | |
| 1.6932 | mod. | AISI 4330V |
| 1.6956 | 33NiCrMoV14-5 | |
| 1.7218 | 25CrMo4 | AISI 4130 |
| 1.7225 | 42CrMo4 | AISI 4140 |
| 1.7707 | 30CrMoV9 | |
| 1.8159 | 51CrV4 | AISI 6150 |

## Nickel-based alloy

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 2.4856* | Alloy 625 ESR | B443 |

## Powdered steel

| Material | |
|---|---|
| DPM450 | SPM20CV |

## Expansion alloy

| Material | |
|---|---|
| 1.3912 | INVAR 36/Ni36 |

## Rolling bearing steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.3505 | 100Cr6 | AISI 52100 |

## Fine-grained structural steels

| Material | DIN | |
|---|---|---|
| 1.0566 | TStE355 | 17103 |
| 1.0571 | P355QH1 | |
| 1.8868 | P355QL1 | |

## Heat-resistant steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.4841 | X15CrNiSi25-21 | AISI 314 |

## Case-hardening and nitriding steels

| Material | DIN | AISI\|ASTM |
|---|---|---|
| 1.5752 | 15NiCr13 | AISI 3310 |
| 1.6523 | 20NiCrMo2 | AISI 8620 |
| 1.6526 | 20NiCrMoS2-2 | AISI 8620 |
| 1.8519 | 31CrMoV9 | |
| 1.8550 | 34CrAlNi7-10 | |


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EDELSTAHL Rostfrei

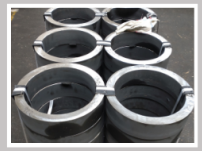
DIN EN ISO 9001 : 2015 certified

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# Rings

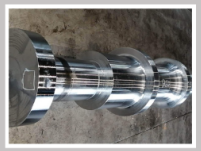
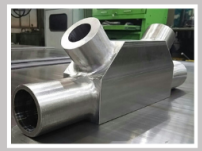
## Seamless rolled rings

Rings with dimensions from 180 mm to approx. 4000 mm and a height of 900 mm. Vertical and horizontal cutting of rings.

# Open-die forgings

We supply open-die forgings such as discs, bushings, shafts, and hollow forged tubes weighing up to approximately 25 tons in accordance with DIN EN, ASTM, and ASME standards.

## Your contact


Ralf Schaffer
+49 (0) 35263-665-61
schaffer@stahlportal.com


# Sub contract sawing

## Precision and efficiency

We offer contract sawing services. You provide us with your material and we carry out the sawing work for you either according to markings or drawings. We are specialized in sawing forged round steel, up to an above-average diameter of Ø 1,600 mm. Large rings, bearing rings, and ventilation wheels are cut with high dimensional accuracy. Sawing according to angle specifications is possible in full 1° increments.




For simplified mechanical processing, we also offer various notching services.

## Your contact


Tilo Schroeder
+49 (0) 3525-65724-13
tschroeder@stahlportal.com


# flame-cut parts

## High-strength fine-grained structural steels

CNC flame cutting of structural steel is a particularly cost-effective method for manufacturing cut-to-size parts, sheets, discs, rings, and other shaped parts.

Material

1.8928 | S690QL
1.8988 | S690QL1
1.8933 | S960QL
1.8934 | S960QL1




We ensure that your steel blanks fit perfectly and arrive on time. You always receive tailor-made solutions that precisely meet your requirements.

## Your contact


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