
Taferner Special
Alloys

TSA

CUSTOMER INFORMATION SHEET



Plates and cutted pieces from plates in Carbon Steel

Length up to bis 16.000 mm, width up to 4.000 mm, thickness up to 600 mm

Unalloyed structural steels acc. to EN 10025-2 S235J0/JR/J2, S275J0/JR/J2, S355J0/J2/JR/K2

Fine grain structural steels acc. to EN 10025-3 normalized, rolled, w eld able S275N/NL, S355N/NL, S420N/NL, S460N/NL

Fine grain structural steels acc. to EN 10025-4 thermo mechanical rolled, w eld able S275M/ML, S355M/ML, S420M/ML, S460M/ML

Weatherproofed steels acc. to EN 10025-5 S235J0W/J2W, S355J0W/J2W, 355J0WP/J2WP

Steels w ith higher yield strength, quenched + tempered acc. to EN 10025-6 S690Q/QL/QL1, S890Q/QL1/QL2, S960Q/QL1/QL2

Pressure Tank Steels acc. to EN 10028-2 unalloyed and alloyed for higher temperatures P265GH, P295GH, P355GH, 16Mo3, 13CrMo45, 10CrMo910, ASTM A387Gr.11/12/22

Pressure Tank Steel acc. to EN 10028-3 w eld able fine grain steels, normalized P275NH/NL1/NL2, P355NH/NL1/NL2, P460NH/NL1/NL2, ASTM A516Gr.60/Gr.70

Unalloyed heat treatable and case hardening steels acc. to EN 10083-2 C45 / C60

Alloyed heat treatable and case hardening steels acc. to EN 10083-3 42CrMo4

Case hardening steels acc. to EN 10084 16MnCr5, 20MnCr5,

Wear Resitant Steels HB 400, HB 450, HB 500 (for example Brinar, Fora, XAR, Hardox)

Plates and cuted pieces in Stainless Steel

Length up to 14.000 mm, width up to 2.500 mm, thickness up to 150 mm

Ferritic Stainless Steels

1.4000, 1.4003, 1.4016, 1.4509, 1.4512, 1.4521

Martensitic Stainless Steels

1.4006, 1.4021, 1.4028, 1.4034, 1.4313

Austenitic Stainless Steels

1.4301, 1.4306, 1.4307, 1.4311, 1.4404, 1.4432, 1.4435, 1.4541, 1.4571, 1.4438, 1.4529, 1.4539,

Ferritic heatresistant Stainless Steels

1.4713, 1.4724, 1.4742, 1.4762

Austenitic heatresistant Stainless Steels

1.4878, 1.4828, 1.4833, 1.4835, 1.4841, 1.4845

"Duplexsteels"

1.4362 (Lean Duplex), 1.4410, 1.4462, 1.4501



Bars in Stainless Steel

flatbars: cutted from coil or rolled, tolerance acc. to. EN 10058 , draw n, tolerance acc. to. EN 10278

roundbars: rolled, tolerance acc. to. EN 10060, forged, tolerance acc. to. DIN 7527 Blatt 6, draw n (brushed), tolerance acc. to. EN 10278 (h6,h7,h8,h9)

Squarebars: rolled, tolerance acc. to. EN 10059, draw n, tolerance acc. to. EN 10278

Hexagonal: draw n, tolerance acc. to. EN 10278

We are able to deliver also in fixlengths from fresh production w ithin 4-6 weeks.

Ferritic Stainless Steel 1.4016, 1.4104, 1.4113,

Martensitic Stainless Steel 1.4006, 1.4021, 1.4028, 1.4034, 1.4057,1.4112, 1.4122, 1.4125, 1.4313, 1.4418

Austenitic Stainless Steel 1.4301, 1.4305, 1.4306, 1.4310, 1.4311, 1.4404, 1.4432, 1.4435, 1.4441, 1.4541, 1.4571,
1.4529, 1.4539,

Ferritic heatresistant Stainless Steel 1.4713, 1.4724, 1.4742, 1.4762

Austenitic heatresistant Stainless Steel 1.4878, 1.4828, 1.4841, 1.4845

„Duplexsteel“ 1.4362 (Lean Duplex), 1.4410, 1.4462, 1.4501, 1.4462, 1.4410, 1.4501

High temperature Stainless Steels 1.4903 (X10CrMoVNb 9-1), 1.4922 (X20CrMoV11-1), 1.4923 (X22CrMoV12-1)



Roundbars in Carbon Steel

Diameters from 20 mm up to 1.050 mm

Rolled, forged / peeled (turned)

Unalloyed structural steels acc. to. EN 10025-2

S355J2G3

Unalloyed heat treatable and case hardening steels acc. to. EN 10083-2

C45 / C60

Alloyed heat treatable and case hardening steels acc. to. EN 10083-3

30CrNiMo8, 34CrNiMo6, 25CrMo4, 42CrMo4, 51CrV4

Case hardening steels acc. to. EN 10084

14NiCr14, 15CrNi6, 16NiCrS4, 16MnCr5, 18CrNiMo7-6, 18CrNi8, 20MnCr5,

Pressure Tank Steels for higher temperature acc. to. EN 10273/EN 10222-2

P250GH, P265GH, 16Mo3, 13CrMo44, 10CrMo910, 21CrMoV5-7

High temperature Stainless Steels

X10CrMoVNb 9-1, X20CrMoV11-1, X22CrMoV12-1



Forged Products

Maximum weight per pieces: 75 tons

Bushes up to maximum ID 900 mm

Roundbars up to maximum diameter 1.100 mm

Discs up to maximum OD 4.300 mm ,Rings (rolled/forged) up to OD 8.000 mm

Unalloyed steels acc. to. EN 10250-2

S355J2G3, C22, C35, C45, C60, 20Mn5

Alloyed Steels acc. to. 10250-3

25CrMo4, 42CrMo4, 34CrNiMo6, 30CrNiMo8, 51CrV4,30CrMoV9

Stainless Steels acc. to. EN 10250-4

1.4006, 1.4021, 1.4028, 1.4057, 1.4301, 1.4306, 1.4311, 1.4313, 1.4404, 1.4418, 1.4429, 1.4435, 1.4529, 1.4541, 1.4542, 1.4547, 1.4563,

Stainless Steels for high temperatures acc. to. EN 10222-2, X10CrMoVNb 9-1, X20CrMoV11-1

Pressure Tank Steels acc. to. EN 10022-2, unalloyed and alloyed for high temperature, P245QH, P280QH, 16Mo3, 13CrMo45,

Pressure Tank Steels acc. to. EN 10022-4, fine grain steel, P285NH, P355NH, P420NH

Martensitic and Austenitic and Duplex Stainless Steels acc. to. EN 10222-5, 1.4301, 1.4307, 1.4313, 1.4404, 1.4432, 1.4435, 1.4529, 1.4539,

1.4541, 1.4547, 1.4571, 1.4462, 1.4410, 1.4501



Aluminium



Roundbars extruded EN 573-3, EN 755-1,2,3, EN 515

AW 2007, AW 2017A, AW 2024, AW 5083, AW 6061, AW 6082, AW 7075

Roundbars drawn EN 573-3, EN 754-1,2,3, EN 515

AW 2007, AW 2017A, AW 2024, AW 5083, AW 6061, AW 6082, AW 7075

Coils and strips rolled, EN 573-3, EN 485-1,2,4,

AW 1050A, AW 2017A, AW 2024, AW 5083, AW 5754, AW 6061, AW 6082, AW 7075

Sheets and plates rolled, EN 573-3, EN 485-1,2,3,

AW 1050A, AW 2017A, AW 2024, AW 5083, AW 5754, AW 6061, AW 6082, AW 7075

Sheets and plates rolled both sides milled and foiled, EN 573-3, EN 485-1,2,3,

AW 5083, AW 5754, AW 7021, AW 6082, AW 7075

Extruded profiles according drawing, EN 755-2, EN 755-9

AW 2017A, AW 2024, AW 6060, AW 6061, AW 6063, AW 6082, AW 7075

Nickelalloys and Titan

Plates, cutted pieces from plates, Roundbars, Rings, forged pieces and tubes in

grades Titan: Grade 1 / 3.7025 ; Grade 2 / 3.7035 ; Grade 5 / 3.7165, Grade 5 ELI Grade 7 / 3.7235

Grades Nickelalloy: Alloy 20, 59, 80, 90, 200, 400, 600, 601, 625, 718, 800, 800H, 800 HT, C4, C22, C276,

some Brandnames Nickelalloys: Haynes, Hastelloy, Incoloy, Inconel, Invar, Monel, Nilo, Nimonic Udimet,

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