

AISI DESIGNATION	MIN. YIELD STRESS(Re)	TENSILE STRENGTH (Rm)	MINIMUM ELONGATION (%)	FINISH (ASTM/UNE)	FINISH DESCRIPTION
AISI 304/AISI304L	230	540-750	45	N1/1D	Hot rolled
AISI 304/AISI304L	230	540-750	45	BA/2R	Cold rolled+mirror finish
AISI 304/AISI304L	230	540-750	45	2B /2B	Cold rolled+matt
AISI 304/AISI304L	230	540-750	45	N4/2J	Satin finish grit 400
AISI 304/AISI304L	230	540-750	45	Scotch brite/2J	Scotch satin finish

AISI DESIGNATION	MIN. YIELD STRESS(Re)	TENSILE STRENGTH (Rm)	MINIMUM ELONGATION (%)	FINISH (ASTM/UNE)	FINISH DESCRIPTION
AISI 316/AISI316L	240	530-680/550-700	45	N1/1D	Hot rolled
AISI 316/AISI316L	240	530-680/550-700	45	BA/2R	Cold rolled+mirror finish
AISI 316/AISI316L	240	530-680/550-700	45	2B /2B	Cold rolled+matt
AISI 316/AISI316L	240	530-680/550-700	45	N4/2J	Satin finish grit 400
AISI 316/AISI316L	240	530-680/550-700	45	Scotch brite/2J	Scotch satin finish
AISI 316Ti	240	540-690	40	N1/1D	Hot rolled

AISI DESIGNATION	MIN. YIELD STRESS(Re)	TENSILE STRENGTH (Rm)	MINIMUM ELONGATION (%)	FINISH (ASTM/UNE)	FINISH DESCRIPTION
AISI 310S	240	540-700	40	N1/1D	Hot rolled

AISI DESIGNATION	MIN. YIELD STRESS(Re)	TENSILE STRENGTH (Rm)	MINIMUM ELONGATION (%)	FINISH (ASTM/UNE)	FINISH DESCRIPTION
AISI 430	260	450-600	20	N1/1D	Hot rolled

AISI DESIGNATION	MIN. YIELD STRESS(Re)	TENSILE STRENGTH (Rm)	MINIMUM ELONGATION (%)	FINISH (ASTM/UNE)	FINISH DESCRIPTION
S31803 (2205)	460	700-950	25	N1/1D	Hot rolled

Basic austenitic stainless steels for general purposes according to UNE EN 10088-2:2008

NUMERICAL DESIGNATION	SYMBOLIC DESIGNATION	AISI DESIGNATION
1,4301 / 1,4307	X5CrNi18-10/X2CrNi18-9	AISI 304/AISI304L
1,4301 / 1,4307	X5CrNi18-10/X2CrNi18-10	AISI 304/AISI304L
1,4301 / 1,4307	X5CrNi18-10/X2CrNi18-11	AISI 304/AISI304L
1,4301 / 1,4307	X5CrNi18-10/X2CrNi18-12	AISI 304/AISI304L
1,4301 / 1,4307	X5CrNi18-10/X2CrNi18-13	AISI 304/AISI304L

Austenitic stainless steels resistant to pitting corrosion according to UNE EN 10088-2:2008

NUMERICAL DESIGNATION	SYMBOLIC DESIGNATION	AISI DESIGNATION
1,4401 / 1,4404	X5CrNiMo17-12-2 /X2CrNiMo17-12-2	AISI 316/AISI316L
1,4401 / 1,4404	X5CrNiMo17-12-2 /X2CrNiMo17-12-3	AISI 316/AISI316L
1,4401 / 1,4404	X5CrNiMo17-12-2 /X2CrNiMo17-12-4	AISI 316/AISI316L
1,4401 / 1,4404	X5CrNiMo17-12-2 /X2CrNiMo17-12-5	AISI 316/AISI316L
1,4401 / 1,4404	X5CrNiMo17-12-2 /X2CrNiMo17-12-6	AISI 316/AISI316L
1,4571	X6CrNiMoTi17-12-2	AISI 316Ti

Refractory austenitic stainless steels according to UNE EN 10088-2:2008

NUMERICAL DESIGNATION	SYMBOLIC DESIGNATION	AISI DESIGNATION
1,4845	X8CrNi25-21	AISI 310S

Ferritic stainless steels according to UNE EN 10088-2:2008

NUMERICAL DESIGNATION	SYMBOLIC DESIGNATION	AISI DESIGNATION
1,4016	X6Cr17	AISI 430

Stainless duplex austenitic-ferritic steels according to UNE EN 10088-2:2008

NUMERICAL DESIGNATION	SYMBOLIC DESIGNATION	AISI DESIGNATION
1,4462	X2CrNiMoN22-5-3	S31803 (2205)

***According to UNE EN 10088-2, if the finish designation starts by "1" the material is hot rolled, if it starts by "2" the material is cold rolled.*

Designations according to other standards

Z 6 CN 18-09/Z2CN 18-10, S30400/S30403, SUS 304

Designations according to other standards

Z6CND17-11/ Z2CND17-12

Z6CNDT17-12

Designations according to other standards

TP310S, S31008, Z 12 CN 25-20

Designations according to other standards

S43000, 4016-430-00-I

Designations according to other standards

S31803 (2205)