



GLEN FLANGE *limited*
FOCUS ON MARINE INDUSTRY

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CUTTING FLANGE

Cut pieces



Water Jet

Maximum dimensions:
8 m x 4 m

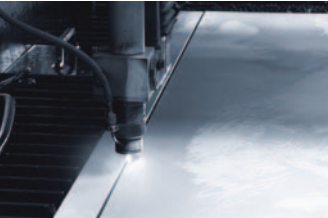
Maximum thickness:
150 mm

Pressure:
4 000 bars

Tolerances:
3 qualities of cut are possible

Tolerances on dimensions:
±0,4 → 4 mm
depending on dimensions
and cutting quality

Maximum taper:
+0,2 mm per 10 mm of thickness



Plasma

Maximum dimensions:
12 m x 3 m

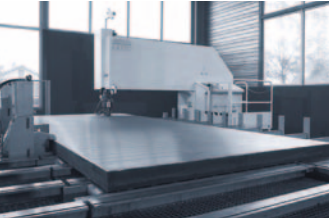
Maximum thickness:
150 mm

Tolerances* excluding taper):

thicknesses ≤ 60 mm		
dimensions	ext. cut	int. cut
≤ 2000	0/+3 mm	-3/0 mm
> 2000 → ≤ 6000	0/+5 mm	-5/0 mm
> 6000	0/+8 mm	-8/0 mm
indicative taper	1 → 3 mm* per face	

thicknesses > 60 mm		
dimensions	ext. cut	int. cut
≤ 2000	0/+5 mm	-5/0 mm
> 2000 → ≤ 6000	0/+8 mm	-8/0 mm
> 6000	0/+10 mm	-10/0 mm
indicative taper	3 → 6 mm* per face	

* noncontractual values		
(according to forms, radius, thicknesses)		



Sawing

Maximum dimensions:
8 m x 3 m

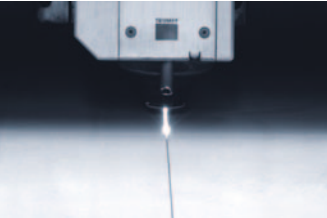
Maximum thickness:
560 mm

Tolerances* (all thicknesses):

length ≤ 3 m	
length	0/+3 mm
width ≤ 1 m	0/+2 mm
width > 1 m	min. tolerance 0/+4 mm

length > 3 m → ≤ 6 m	
length	0/+5 mm
width ≤ 1 m	0/+2 mm
width > 1 m	min. tolerance 0/+4 mm

length > 6 m	
length	0/+8 mm
width ≤ 1 m	0/+3 mm
width > 1 m	min. tolerance 0/+4 mm



Laser

Maximum dimensions:
6 m x 2 m

Maximum thickness:
30 mm

Tolerances*:

thicknesses	
≤ 6 mm	-0,1/+0,1 mm
> 6 mm → ≤ 10 mm	-0,2/+0,2 mm
> 10 mm → ≤ 12 mm	-0,5/+0,5 mm
> 12 mm → ≤ 15 mm	-0,75/+0,75 mm
> 15 mm → ≤ 20 mm	-1/+1 mm
> 20 mm → ≤ 30 mm	-1,25/+1,25 mm

Send us your files in .dxf format
Tolerances on shape:
please contact us
for the surface flatness
and straightness
of your cut pieces

Supply of complete packages in nickel alloys:
Glen can also deliver piping accessories, welding products, wrought pieces, screws and bolts...

Plates

Stainless steel

(standard dimensions)

Thicknesses:
2→150 mm

Format max.:
in stock:
3 000 mm x 12 000 mm

Tolerances:

Thicknesses:
EN 10029 -class B

Surface flatness:
EN 10029 -class N or S
according to origin

American standard:
ASTM A480

Nickel alloys

Thicknesses:
2→50 mm

Format max.:
in stock:
2 000 mm x 6 000 mm

Round bars

Stainless steel

Diameter:
20→400 mm

Grades:
304L/1.4307 & 316L/1.4404

Nickel alloys

Diameter:
6→200 mm

For other dimensions, requests, please contact us.

Stainless steel

Plates

Glen stocks a wide range of stainless plate
in thicknesses from 2 → 150 mm
and in widths up to 3 000 mm depending on grade.

					Max. thickness
ASTM / AISI	W. Nr.	UNS	EN	Reg. TM	in stock (mm)
304 / 304L	1. 4301 / 1.4307	S30400 / S30403	X5CrNi18.10 / X2CrNi18.9	–	150
304H	1.4948	S30409	X6CrNi18.10	–	100
321 / 321H	1.4541 / 1.4878	S32100 / S32109	X6CrNiTi18.10 / X8CrNiTi18.8	–	100
316 / 316L	1.4401 / 1.4404	S31600 / S31603	X5CrNiMo17.12.2 / X2CrNiMo17.12.2	–	150
316L	1.4435	S31603	X2CrNiMo18.14.3	–	70
–	1.4432	–	X2CrNiMo17.12.3	–	100
–	1.4410	S32750	X2CrNiMoN25.7.4	SAF 2507	–
–	1.4436	–	X3CrNiMo17.13.3	–	100
316L (Mo+)	1.4435	S31609	X2XrNiMo18.14.3	–	–
316 (Mo+)	1.4436	–	X5CrNiMo17.13.3	–	–
316Ti	1.4571	S31635	X6CrNiMoTi17.12.2	–	100
–	1.4652	S32654	–	654Smo	–
317L	1.4438	S31703	X2CrNiMo18.15.4	–	75
–	1.4462	S31803/S32205	X2CrNiMoN22.5.3	SAF 2205	–
–	1.4501	S32760	X2CrNiMoCuWN25.7.4	Zeron 100	–
347	1.4550	S34700	X6CrNiNb18.10	–	25
410	1.4006	S41000	X12Cr13	–	75
310S	1.4845	S31008	X8CrNi25.21	–	50
904L	1.4539	N08904	X1NiCrMoCu25.20.5	Uranus B6	70
–	1.4462	S31803	X2CrNiMoN22.5.3	–	60
–	–	S32205	–	–	60
–	1.4835	S30815	X9CrNiSiN21.11.2	253 MA	–
Grade 630	1.4542	S17400	X5CrNiCuNb16.4	–	50
–	1.4547	S31254	–	254Smo	–
–	1.4828	–	X15CrNiSi20.12	–	90

We offer stainless round bar in diameters 20 → 400 mm in both full lengths and cut pieces.

Other grades, please contact us.

Nickel alloys

Plates

						Max. thickness
Reg. TM		ASTM / AISI	W. Nr.	UNS	ASTM plates	in stock (mm)
Nickel 200/201	VDM LCNickel 99.2	Alloy 200/201	2.4066/2.4068	N02200/N02201	B162	25
Monel 400	Nicorros	Alloy 400	2.4360	N04400	B127	50
Inconel 600	Nicrofer 7216	Alloy 600	2.4816	N06600	B168	50
Inconel 601	Nicrofer 6023H	Alloy 601	2.4851	N06601	B168	20
–	Nicrofer 6025HT	Alloy 602CA	2.4633	N06025	B168	25
Inconel 625	Nicrofer 6020hMo	Alloy 625	2.4856	N06625	B443	25
Incoloy 800H	Nicrofer 3220H	Alloy 800H	1.4958/1.4876*	N08810	B409	50
–	Nicrofer 3718	–	1.4864	–	–	12
Incoloy 825	Nicrofer 4221	Alloy 825	2.4858	N08825	B424	40
–	Nicrofer 3127hMo	Alloy 3127hMo	1.4562	N08031	B709	–
Hastelloy C22	Nicrofer 5621hMoW	Alloy 22	2.4602*	N06022	B575	50
Hastelloy C276	Nicrofer 5717hMoW	Alloy C276	2.4819*	N10276	B575	50
–	Nicrofer 5923hMo	Alloy 59	2.4605*	N06059	B575	40
Hastelloy C4	Nicrofer 6616hMoW	Alloy C4	2.4610	N06455	B575	38.10
–	Cronifer 1925hMo	Alloy 1925hMo	1.4529*	N08926	B625	25
–	Pernifer 36	Alloy 36	1.3912	K93600	B388	–
–	Nicrofer 3620nb	Alloy 20	2.4660	N08020	B463	12.7
Incoloy 800	–	–	1.4876	N08800	–	–
Incoloy 800HT	–	–	1.4959	N08811	–	–
Hastelloy X	–	–	2.4665/4603	N06002	–	–

We offer stainless round bar in diameters 6 → 200 mm.

Other grades, please contact us.

Glen offers plates ranging from 2 → 50 mm.

