

CONVERSION DN ↔ INCHES

DN10	3/8"	DN50	2"	DN150	6"	DN450	18"
DN15	1/2"	DN65	2 1/2"	DN200	8"	DN500	20"
DN20	3/4"	DN80	3"	DN250	10"	DN550	22"
DN25	1"	DN90	3 1/2"	DN300	12"	DN600	24"
DN32	1 1/4"	DN100	4"	DN350	14"	DN650	26"
DN40	1 1/2"	DN125	5"	DN400	16"	DN700	28"

USEFUL FORMULAS

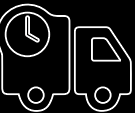
Plate Weight calculation	L (m) x l (m) x Thk. (mm) x D (density)				
Pipe Weight calculation	(OD mm - WT mm) x WT mm x 0,02504 (Stainless)				
	(OD mm - WT mm) x WT mm x 0,02466 (Carbon)				
Round bar Weight calculation	$(\text{Dia mm}/2)^2 \times \pi \times \text{D (density)} \times \text{L (mm)}$				
Disc Weight calculation	$(\text{Dia m}/2)^2 \times \pi \times \text{D (density)} \times \text{Thk. (mm)}$				
Metrical conversion	1m	=	3,28083ft	1" Sch	= 33,4mm
	1ft	=	0,3048m	1 lbs	= 0.4531Kg
	1"	=	25,4mm	1°C	= 33.8°F

PRESSURE RATING COMPARISON

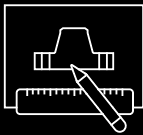
ANSI CLASS #	NOMINAL PRESSURE PN	ANSI CLASS #	NOMINAL PRESSURE PN	ANSI CLASS #	NOMINAL PRESSURE PN
150	20	600	100	1500	250
300	50	900	150	2500	420



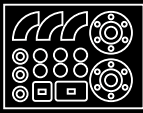
Strategic stock



Fast-Track deliveries



Tailor made products



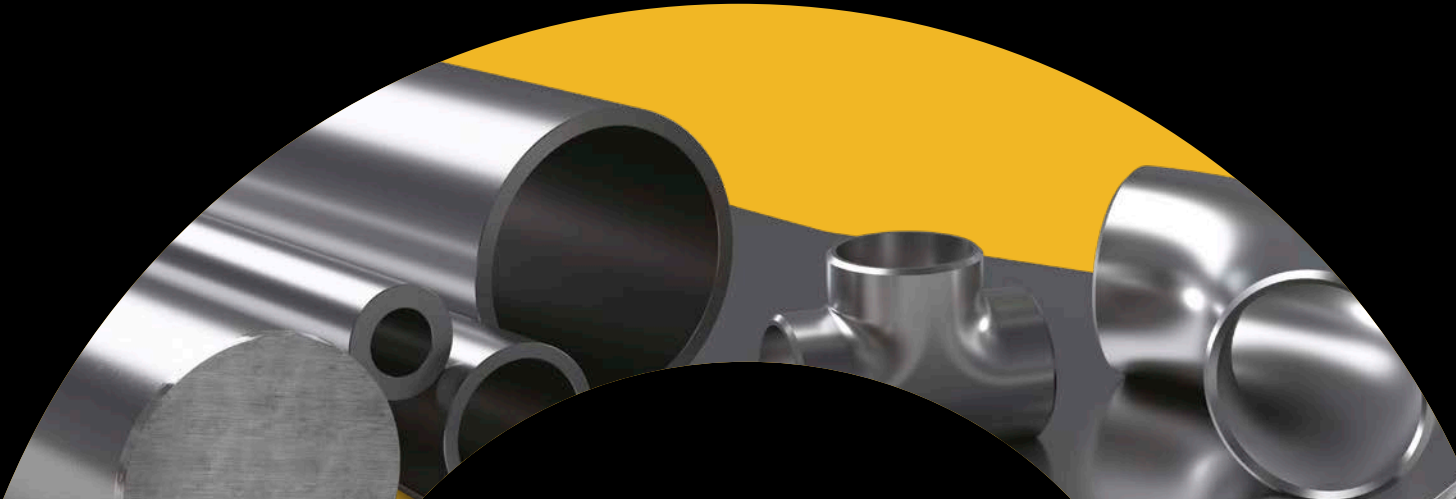
Piping project packages

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Understanding the unique requirements and challenges of each industry

Each market and each application has its own specific material requirements. Already for more than 25 years GEMACO is considered as a reliable supplier of corrosion resistant austenitic stainless steel, nickel alloys and high temp grades. A strategic stock of pipes, fittings, flanges, bars, plates and forgings in urea grades and nitric acid grades is immediately available to serve our customers worldwide. GEMACO provides solutions for a wide range of industries including the Fertilizer, Petrochemical, Chemical, Water Desalination and Nuclear industry.

GEMACO FERTILIZER & NITRIC SPECIALTIES

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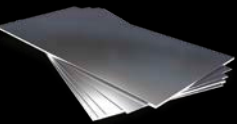
AUSTENITIC STAINLESS STEEL FOR NITRIC ACID APPLICATIONS

X 1 CrNi 25.21	1.4335	310 L NAG		URANUS 65/ 2RE10
X 1 CrNiSi 18.15	1.4361		S 30600	URANUS S1/ ANTINIT 610
X 2 CrNiN 18.10	1.4311	304 LN	S 30453	

AUSTENITIC STAINLESS STEEL FOR UREA APPLICATIONS

X 2 CrNiMo 18.14.3	1.4435	316L UG	S 31603	3R60/A220
X 5 CrNiMo 17.13.3	1.4436	316 (Mo+)		
X 2 CrNiMoN 17.12.2	1.4406	316 LN	S 31653	
X 2 CrNiMoN 17.13.3	1.4429	316 LN (Mo+)	(S 31653)	
X 1 CrNiMoN 25.22.2	1.4466/1.4465	310 Mo LN	S 31050	25.22.2/ 2RE69

PRODUCT RANGE



Plates & Sheets
hot or cold rolled, in standard sizes, cut to size or according to specifications,...



Bars
forged, rolled, cold drawn, round, square, hexagonal,...



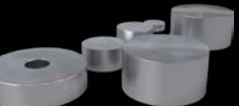
Pipes & Tubes
welded, seamless, heat exchanger & precision tubes



Fittings
butt weld, socket weld, screwed, o'lets,...



Flanges
plane, blind, welding neck, slip-on, socket weld,...



Forgings
rings, disks, pieces according to specifications,...

.....► **Others :** flat & hollow bars, channels, strips, wires, bolts & nuts,...

