



# MAASS GLOBAL GROUP

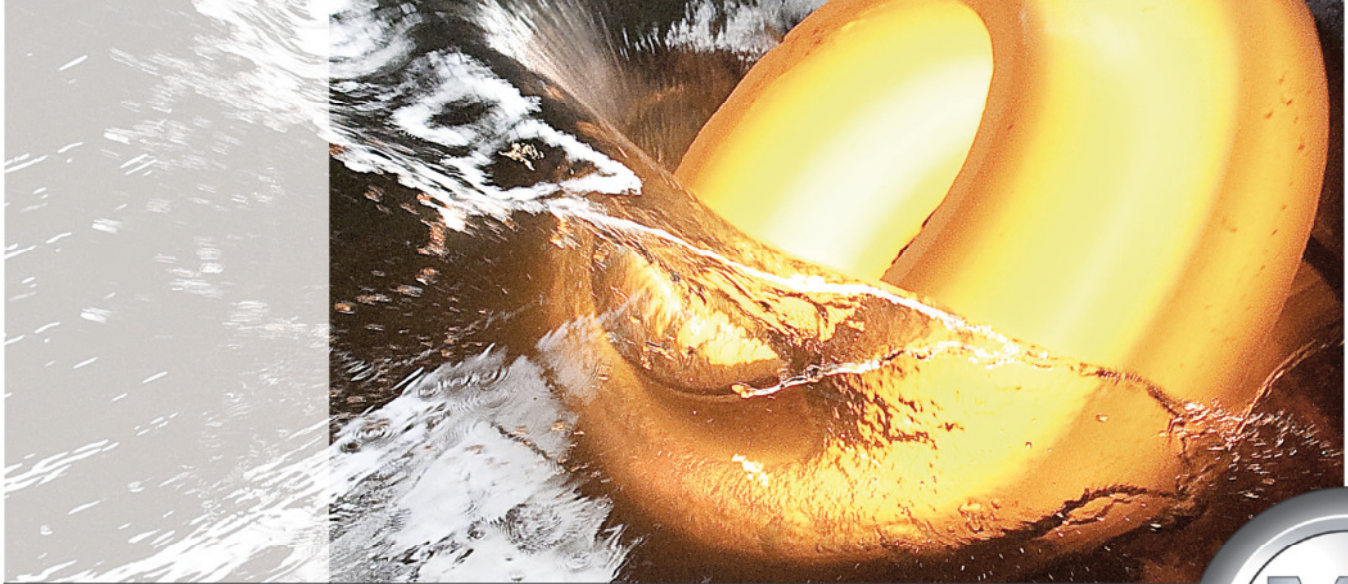


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MAASS GLOBAL GROUP



Material which we have on stock, ready for your demands: ○

### Heat-Resisting Steel

ASTM / UNS:	German Grade No:	
N08020	2.4660	Alloy 20
N06022	2.4602	Hastelloy C 22
N04400	2.4360	Monel 400
N06600	2.4816	Alloy 600
N06625	2.4856	Inconel 625
N08800	1.4876	Alloy 800
N08810	1.4876	Alloy 800 H
N08811	1.4959	Alloy 800 H/T
N08825	1.4858	Inconel 825
N10276	2.4819	Hastelloy C276
N06059	2.4605	Alloy 59

### Fine Grain Structural Steel

ASME/ ASTM:	German Grade No:
A350 LF2	1.0566
A694-F42	1.0486
A694-F46	1.0562
A694-F52	
A694-F56	1.8902
A694-F60	
A694-F65	1.8905
A694-F70	1.8907

### High Temperature Steel

ASME/ ASTM:	German Grade No:
A105/N/C21	1.0432
A516 Gr.70	1.0481
A182-F1	1.7365
A182-F5	1.7362
A182-F9	1.7386
A182-F11	
A182-F12	1.7335
A182-F22	1.7360
A182-F91	1.4903
	1.4922

15/16 Mo 3	1.5415
C22.8	1.0460

A522 Grade I

## WE PRODUCE

The Maass Global Group service implies apart from the individual production of flanges, also the preprocessing and support of your global projects from the planning to the activation phase of the entire construction. Your tailor made needs, inclusive ITP's and project managing support, packaging, client inspections and logistics can be handled by us.

### MATERIAL STANDARDS | ASTM AND ASME

DIMENSIONAL STANDARDS | ASME B16.5, B16.36, B16.47, B16.48, AWWA, DIN  
DIN EN ISO 9001:2000, DIN / EN 1092, CERTIFIED BY TÜV, PED, GL, BV, DNV  
Saudi Aramco, PDO, KOC, Shell, EIL, Total and many other  
major approval governing bodies.

### SIZE AND PRESSURE CLASS CAPABILITIES

DN 10 - DN 2200\* | 2627 - 2638 | 2527 / PN 6 - PN 400

### ASME B16.5

SIZE AND PRESSURE CLASS CAPABILITIES  
1/2" thru 102" | 150# | 300# | 600# | 900# | 1500# | 2500#

\* size range may vary by grade & pressure class



### Austenitic Stainless Steel

ASME/ ASTM:	German Grade No:
A182-F304	1.4305
A182-F304H	1.4948
A182-F304L	1.4301/1.4306/1.4307
A182-F310	1.4841
A182-F316	1.4401
A182-F316H	1.4919
A182-F316L	1.4404/1.4435
A182-F316TI	1.4571
A182-F317L	1.4438
A182-F321	1.4541
A182-F321H	1.4878
A182-F347	1.4550
A182-F347H	1.4550
904L	1.4539

### Duplex/Super Duplex

ASME/ ASTM:	German Grade No:	ASTM / UNS:
A182-F51/60	1.4462	S31803/S32205
A182-F53	1.4410	S32750
A182-F55	1.4501	S32760
A182-F44/6Mo	1.4547	S31254
AL-6XN		N08367

- **NORSOK M-650, Rev. 4**
- **API Spec 6A**

○ Other material available upon request



# PRODUCTION CAPABILITIES

OPEN DIE, CLOSED DIE, RING ROLL

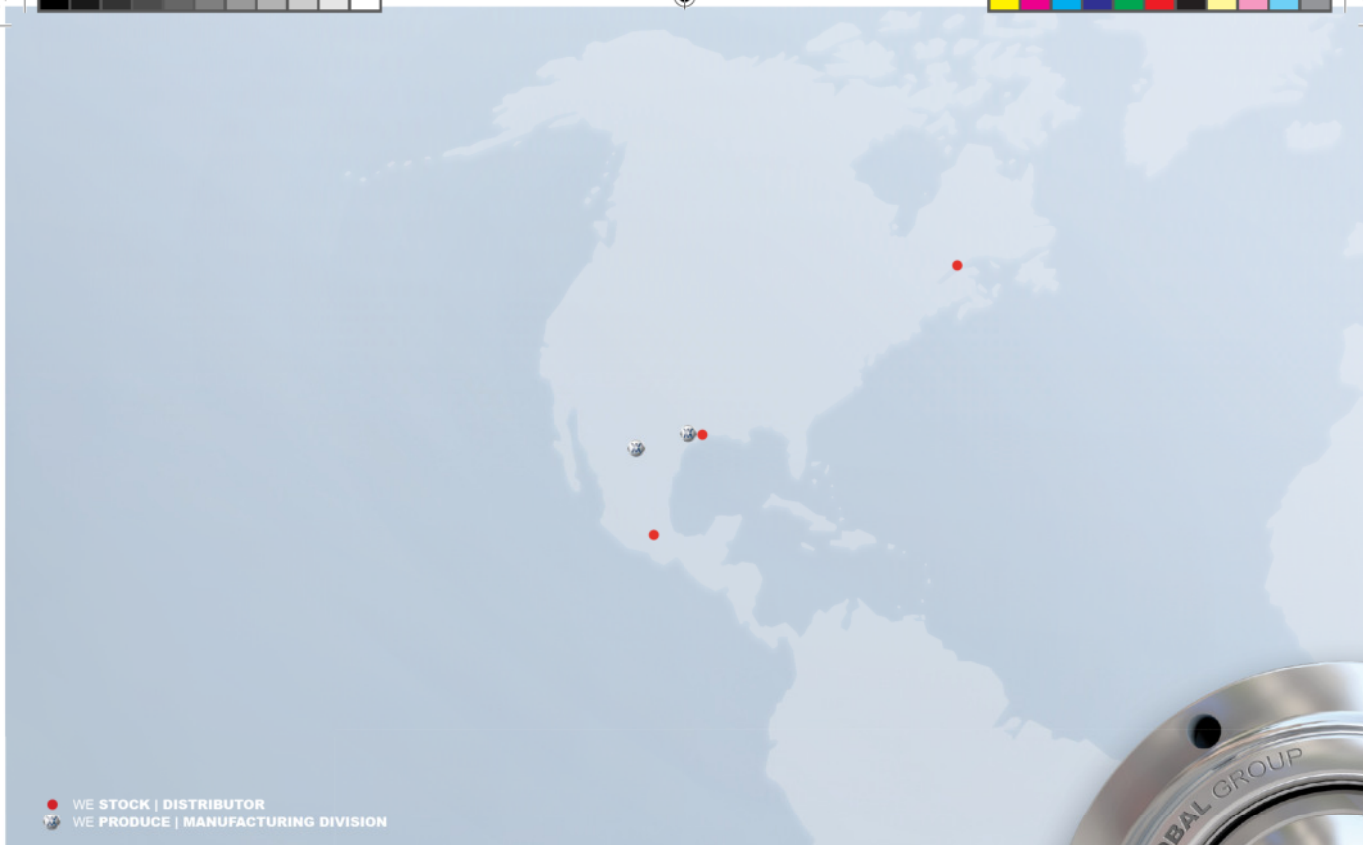




# WE STOCK

Types of Flanges Available: Weldnecks, Slip-Ons, Threaded, Blind, Socketweld, Lap-Joint, Orifice, Reducing Flange and flanges according to drawing.





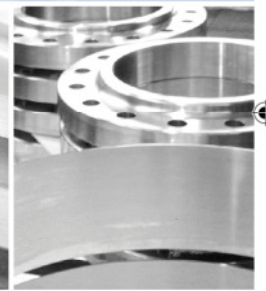
● WE STOCK | DISTRIBUTOR  
 ● WE PRODUCE | MANUFACTURING DIVISION



ACG Full Field Development Project  
 Karachaganak Development Project  
 CSPC Nanhai Petrochemicals Project  
 Multi-Product Plant  
 In Salah Gas Project  
 Rod Project  
 Segas Egypt LNG Project  
 Oman Petroleum  
 Qatar Gas Project  
 Ras Laffan  
 Armada Project  
 Shell Deep Thermal Gas Oil Unit  
 Pearl  
 Repsol Cartagena  
 Motiva Refinery Expansion  
 BP Whiting Refinery Project  
 Conoco/Phikhips Refinery Expansion  
 Valero Refinery Expansion  
 Qatar/Exxon Mobil/Golden Pass LNG  
 Marathon Oil Refinery Expansion  
 Marathon Oil Refinery Expansion  
 Total/Yemen LNG Terminal  
 Chiniere/Sabine Pass LNG Terminal  
 Buzzard Field Development  
 Zamzama

Azerbaijan  
 Kazakhstan  
 China  
 Singapore  
 Algeria  
 Algeria  
 Egypt  
 Oman  
 Qatar  
 Qatar  
 UK  
 Austria  
 Qatar  
 Spain  
 Port Arthur, TX  
 Whiting, IN  
 Woodriver, IL  
 Port Arthur, TX  
 Sabine Pass, TX  
 Garyville, LA  
 Detroit, MI  
 Balhaf, Yemen  
 Freepaort, TX  
 UK  
 Pakistan

Halliburton Int'l Inc  
 Bechtel/Snamprogetti  
 Tecnicas Reunidas S.A  
 Foster Wheeler Energy Ltd  
 M. W. Kellogg  
 Saipem  
 KJT/MWKL  
 Oman Oil Industries  
 NPCC  
 McDermotts  
 Amec Eng.  
 Uhde  
 Saipem  
 Técnicas Reunidas  
 Bechtel  
 Fluor  
 Fluor/Bechtel  
 Fluor  
 CBI  
 Fluor  
 Fluor  
 Technip ENG.  
 Technip ENG.  
 CB & I John Brown Ltd  
 BHP Billiton



Shell Goldeneye  
 Hammerfest LNG  
 FPSO Brazil  
 TABU Gas Project  
 Buwaib Project  
 Salboukh Project  
 Shell F13  
 Shell Pearl GTL Project  
 Kauther Gas Plant  
 OGD III Onshore Gas Dev. Project  
 Saih Rawl Flowline Project  
 UTE Mejillones  
 Peru LNG  
 Deep Panuke  
 Marathon/Elba Island LNG Terminal  
 Cheniere/Sabine Pass LNG Terminal  
 Flint Hills Resource Refinery Expansion  
 Kiewit Offshore Thunderhawk Platform  
 B.P. Exploration  
 Petrocanada Edmonton Refinery  
 Citgo ULSD Project  
 Exxon ULSD Expansions  
 Exxon ULSD Expansions  
 Sabic HDPE Plant (Ethylene)  
 Rhourde Nouss

UK  
 Norway  
 Brazil  
 Malaysia  
 Saudi Arabia  
 Saudi Arabia  
 Malaysia  
 Qatar  
 Oman  
 Abu Dhabi  
 Oman  
 Chile  
 Peru  
 U.A.E  
 Savannah, GA  
 Lake Charles, LA  
 Rosemount, MN  
 Corpus Christi, TX  
 North Slope, AK  
 Edmonton, Canada  
 Corpus Christi, TX  
 Baytown, TX  
 Baton Rouge, LA  
 Yanbu, Saudi Arabia  
 Algerien

Foster Wheeler  
 Statoil  
 Singlebuoy Moorings Inc  
 ExxonMobil  
 Al Kawther Industries  
 Al Kawther Industries  
 Shell  
 Chiyoda  
 PDO  
 Bechtel  
 PDO  
 Técnicas Reunidas  
 CB&I  
 SBM Offshore  
 CBI  
 Bechtel  
 Koch ENG.  
 SBM Atlanta/Shaw GRP.  
 B.P  
 Fluor  
 Mustang ENG.  
 Jacobs ENG.  
 Jacobs ENG.  
 Show Stone & Webster  
 SNC Lavalin



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