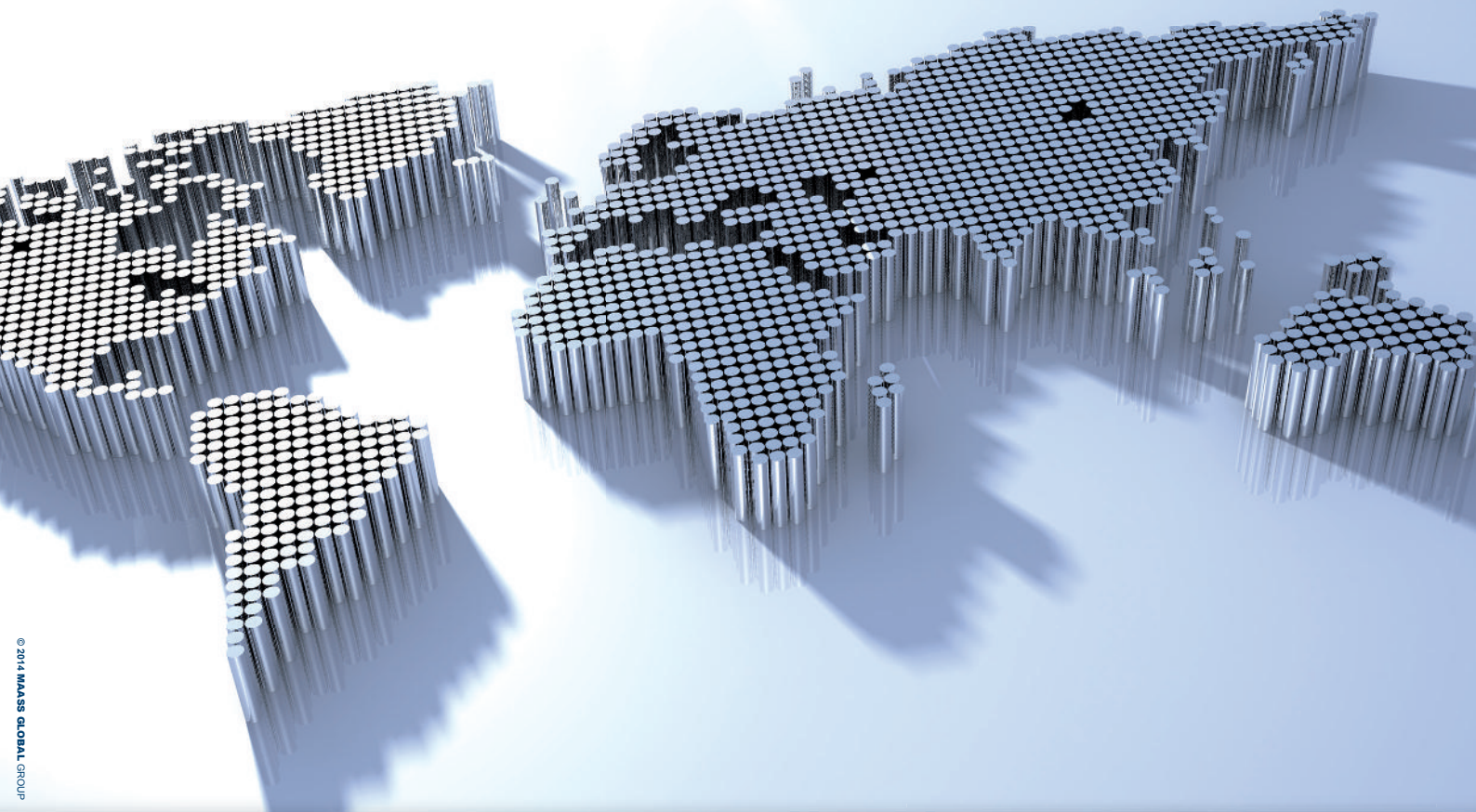
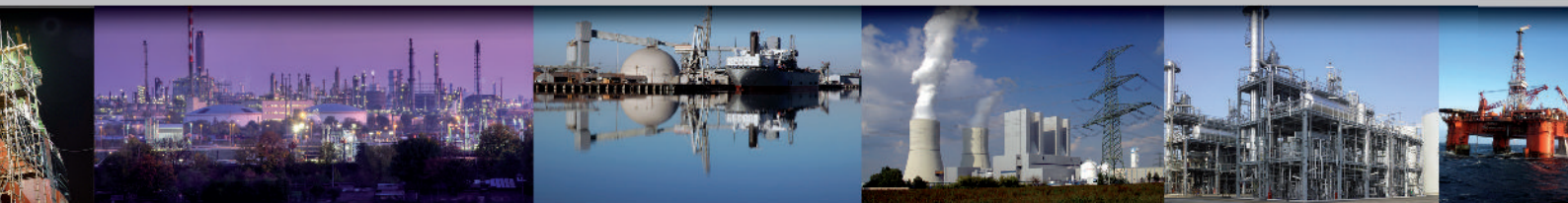




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Material which we have on stock, ready for your demands: ○

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**



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.



Stock replenishment



Short lead time orders (2-4 Week or Express within 24 hrs)



Global production capabilities for faster
and lower logistical costs and lead times



Top-ups to projects at fixed
pricing of entire Take-off



Project Takeoffs with full material
variety from Carbon to high Nickel grades

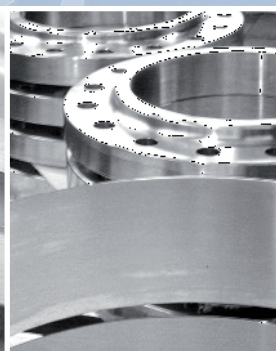
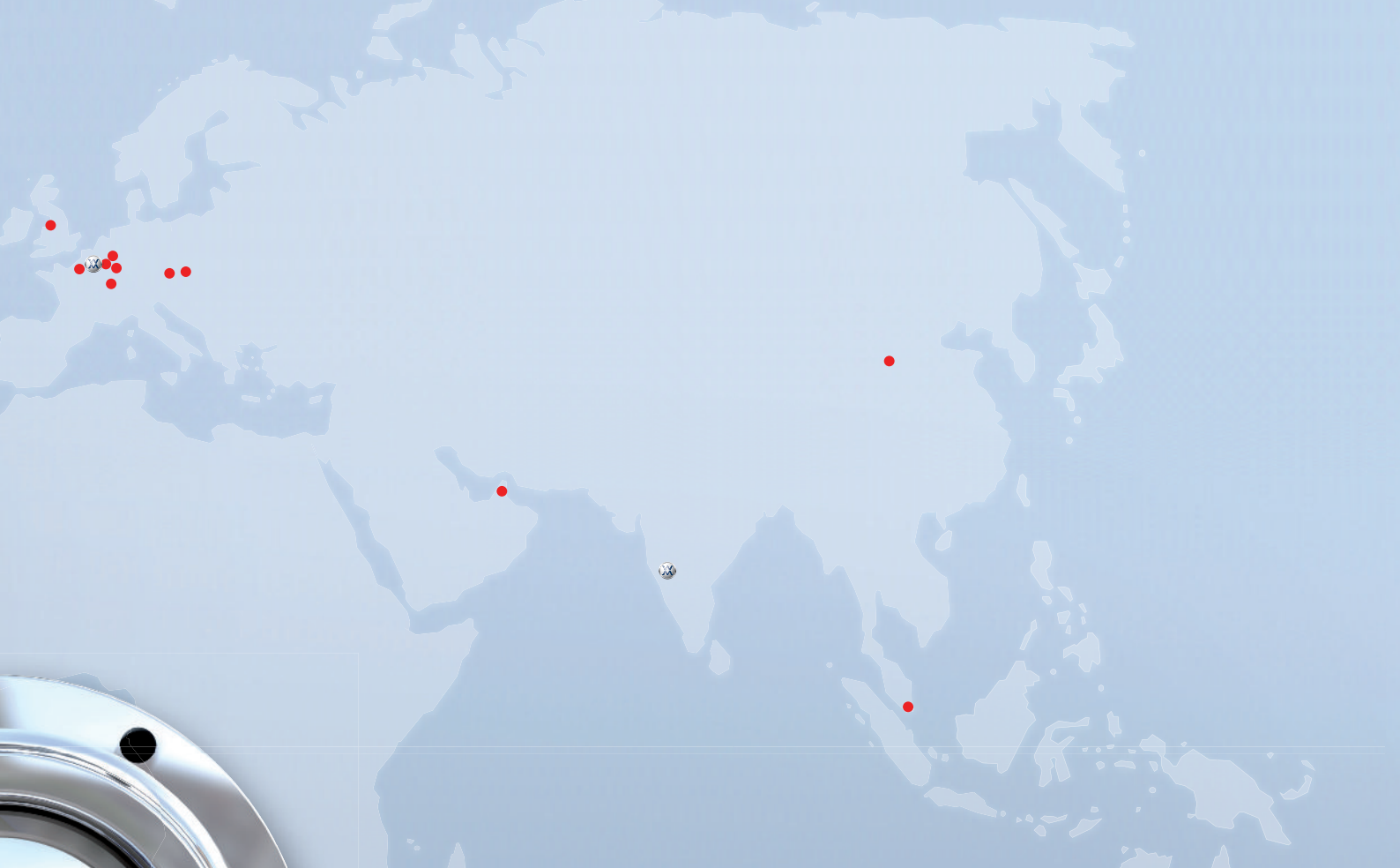




● WE STOCK | DISTRIBUTOR
● WE PRODUCE | MANUFACTURING DIVISION



ACG Full Field Development Project	Azerbaijan	Halliburton Int'l Inc
Karachaganak Development Project	Kazakhstan	Bechtel/Snamprogetti
CSPC Nanhai Petrochemicals Project	China	Técnicas Reunidas S.A
Multi-Product Plant	Singapore	Foster Wheeler Energy Ltd
In Salah Gas Project	Algeria	M. W. Kellogg
Rod Project	Algeria	Saipem
Segas Egypt LNG Project	Egypt	KJT/MWKL
Oman Petroleum	Oman	Oman Oil Industries
Qatar Gas Project	Qatar	NPCC
Ras Laffan	Qatar	McDermotts
Armada Project	UK	Amec Eng.
Shell Deep Thermal Gas Oil Unit	Austria	Uhde
Pearl	Qatar	Saipem
Repsol Cartagena	Spain	Técnicas Reunidas
Motiva Refinery Expansion	Port Arthur, TX	Bechtel
BP Whiting Refinery Project	Whiting, IN	Fluor
Conoco/Phiklips Refinery Expansion	Woodriver, IL	Fluor/Bechtel
Valero Refinery Expansion	Port Arthur, TX	Fluor
Qatar/Exxon Mobil/Golden Pass LNG	Sabine Pass, TX	CBI
Marathon Oil Refinery Expansion	Garyville, LA	Fluor
Marathon Oil Refinery Expansion	Detroit, MI	Fluor
Total/Yemen LNG Terminal	Balhaf, Yemen	Technip ENG.
Chiniere/Sabine Pass LNG Terminal	Freepaort, TX	Technip ENG.
Buzzard Field Development	UK	CB & I John Brown Ltd
Zamzama	Pakistan	BHP Billiton



Shell Goldeneye
Hammerfest LNG
FPSO Brazil
TABU Gas Project
Buwaib Project
Salboux 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

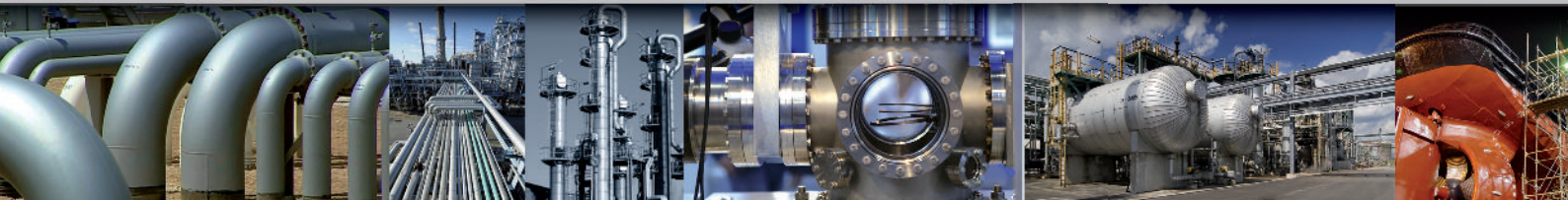
UK
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Malaysia
Saudi Arabia
Saudi Arabia
Malaysia
Qatar
Oman
Abu Dhabi
Oman
Chile
Peru
U.A.E
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Rosemount, MN
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North Slope, AK
Edmonton, Canada
Corpus 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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