

KJF

Top satisfaction & Top confidence

*Top satisfaction &
Top confidence*

*For better Quality,
For better Service!*



 **KJF CO.,LTD.**

www.kjfkorea.com

Main Office & Factory :#586-10, Hwajeon-Dong, Gangseo-Gu, Busan, Korea
Overseas Sales : Tel: +82-51-600-9330 Fax: +82-51-600-9355 E-mail: sales@kjfkorea.com
Domestic Sales : Tel: +82-51-600-9300 Fax: +82-51-600-9366 E-mail: kjf1197@kjfkorea.com

 **KJF CO.,LTD.**

*For better Quality,
For better Service!*

CEO Message

KJF strives to ensure the better quality, the better service for your company

KJF CO.,LTD. has been engaging in Flanges & Fittings business fields over 22 years and enjoying a good reputation all over the world.

We have been supplying our high quality products such as Flanges, Forged Nozzles, Forged Fittings, Heat Exchanger & Flow Element to the industries of Petroleum, Chemical, Oil & Gas, Electric, Nuclear power plant, On-Off shore plant, Ship building and Heavy industry & Construction since 1993.

Moreover through our own laboratory for strict quality control, we promise our World-wide potential customers to supply our high quality products.

We deeply appreciate the continuous encouragement and support given by our valued World-wide customers.

KJF will continue its R&D to satisfy our customer's demands with Top Quality products and services.

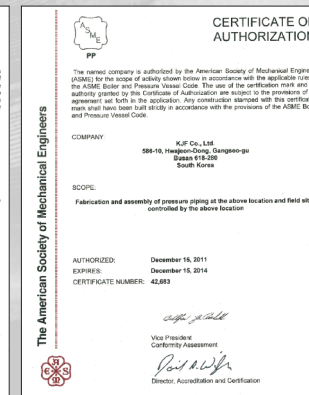
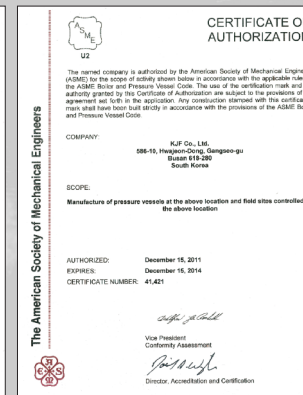
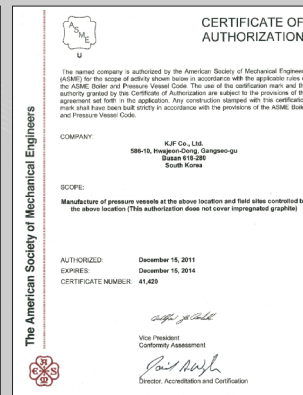
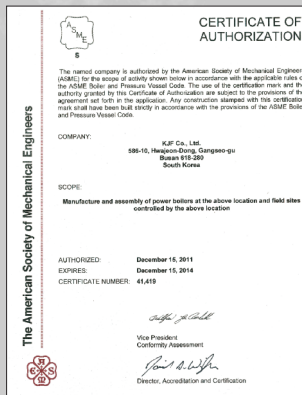
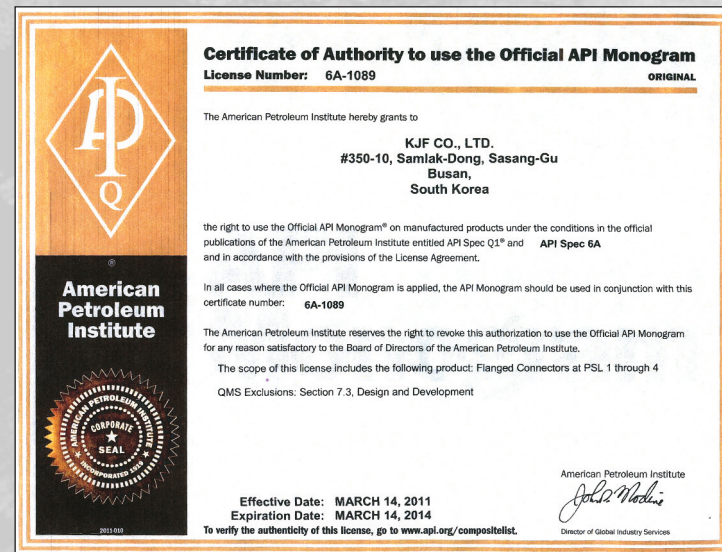
Sincerely yours

President-CEO **Tae Sik, Baek**



Quality Certificates

- ISO 9001:2008 by Lloyd
- ISO 14001:2004 by ICR
- PED 97/23/EC by Lloyd
- API by American Petroleum Institute
- ASME S Stamp
- ASME U Stamp
- ASME U2 Stamp
- ASME PP Stamp



History

- 2015 May CRN approved all across Canada
- 2014 Mar Approved Vendor by KOC in Kuwait
- 2013 Apr Certified ISO 14001:2004 by International Certification Registrar
- 2012 Sep Supplied Heat Exchangers to GS Caltex
- 2011 Nov Certified ASME 'U', 'U2', 'S', 'PP' STAMP
- Mar Certified API 6A by American Petroleum Institute(API)
- 2010 Nov Supplied Forged Flanges to PETROBRAS off shore project in Brazil
- Jul Accredited as a Venture and Inno-biz company
- 2009 Dec Supplied Forged Flanges and Tube Sheets to POGC & NIOC project in Iran
- Sep Awarded 10 Million Dollars Export Tower Awards by Korea International Trade Association
- Apr Approved Vendor by PTTEP in THAILAND
- Mar Supplied Forged Flanges to TECHNIP project
- Feb Certified PED 97/23/EC by Lloyd's Register
- 2008 Dec Supplied Forged items to EXXON MOBIL project
- Sep Approved Vendor by ADCO, ZADCO, NPCC
- Jul Approved Vendor by TAKREER(Abu Dhabi Oil Refining Company)
- Feb Certified ISO 9001:2000 by Lloyd's Register
- 2007 Nov Awarded 5 Million Dollars Export Commemoration Awards by KOTRA
- Oct Supplied Forged Flanges and Nozzles to PETRONAS project
- Sep Supplied Forged Flanges to GASCO project
- Jul Supplied Forged Nozzles to NPCC project
- 2005 May Certified ISO 9001:2000 by KSA-QA
- 1993 Nov Founded KJF CO., LTD.

Facilities

KJF is a key Player in Oil & Gas And Petrochemical Industry

Section A



MCT(CNC)M/C

MAX. 2200Ø

Turning M/C

MAX. 3500Ø



Turning M/C

MAX. 2000Ø

Turning M/C

MAX. 1600Ø



CNC Turning M/C

MAX. 1600Ø

Drilling M/C

MAX. 5000Ø

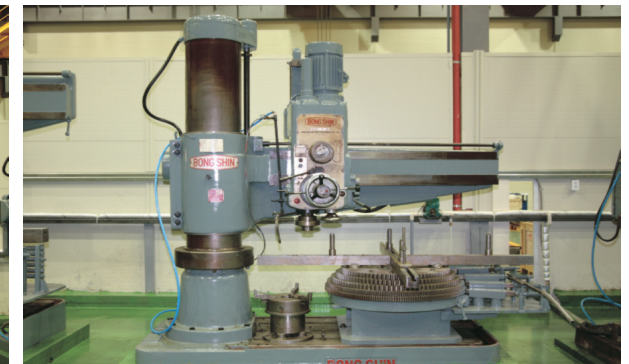


Drilling M/C

MAX. 3000Ø

Drilling M/C

MAX. 2000Ø



Drilling M/C

Lathe M/C

MAX. 850Ø × 2000L



Lathe M/C

MAX. 800Ø × 1800L

Lathe M/C



Facilities

KJF is a key Player in Oil & Gas And Petrochemical Industry

Section B

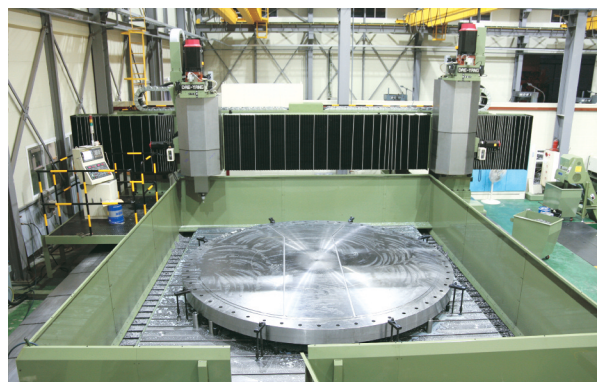


CNC BTA Drilling M/C

MAX. 5000Ø

CNC Gantry Drilling M/C

MAX. 5000Ø



CNC Turning M/C

MAX. 3500Ø

CNC M/C

MAX. 400Ø



Section C



Cutting M/C

ASME Welding Overlay M/C



Heat-Furnace

Welding Device

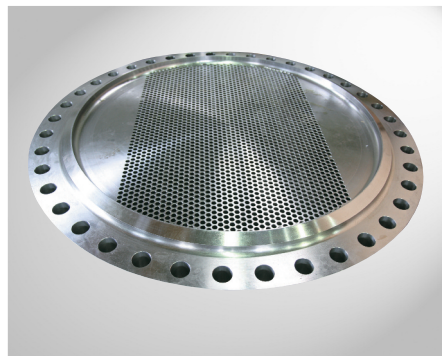
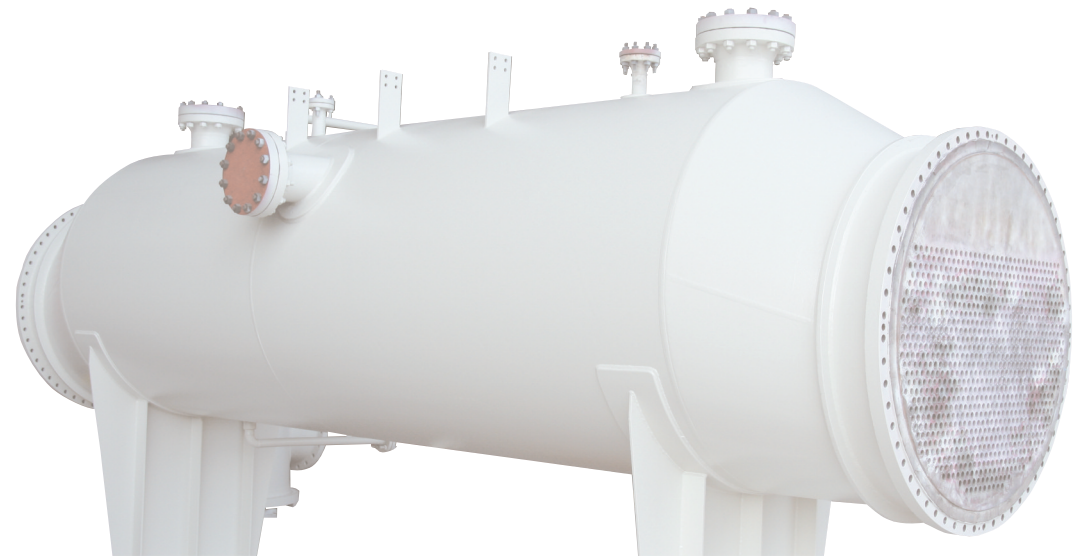
Packing



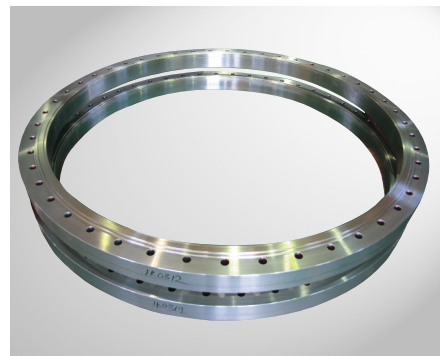
Products

Competes with the world in the new technology!

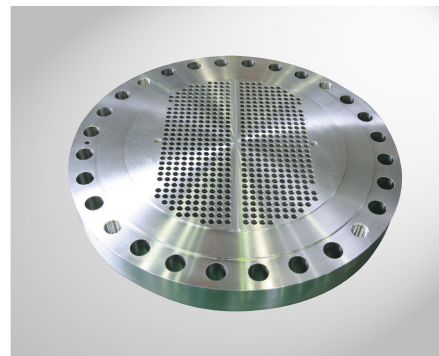
- Oil&Gas / Petrochemical Plants Part
- Heat Exchanger Part
- Pressure Vessel Part
- Towers Columns, Reactors Part



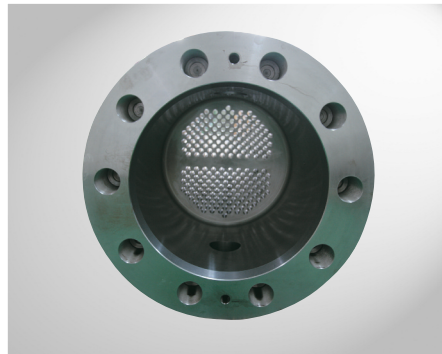
Tube Sheet



Girth Flange



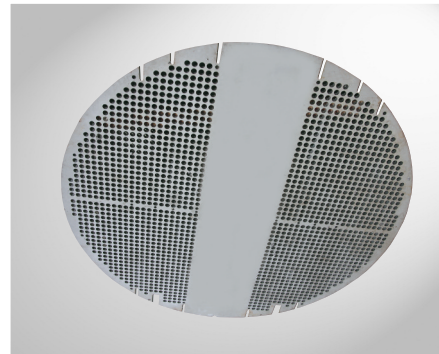
Tube Sheet



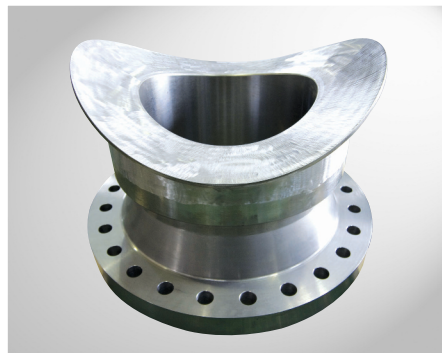
Tube Sheet



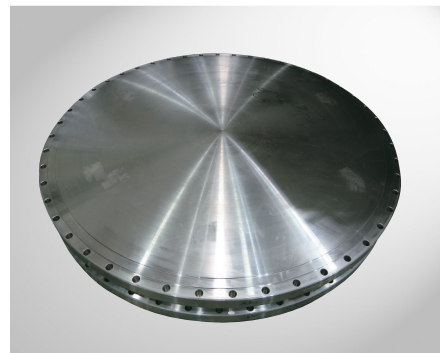
Tube Sheet



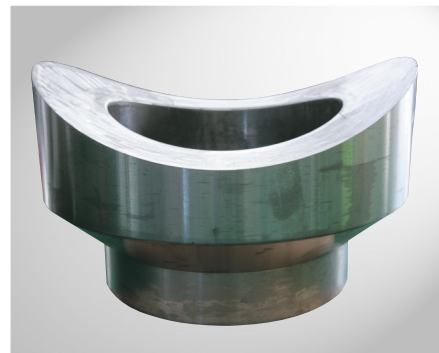
Baffle



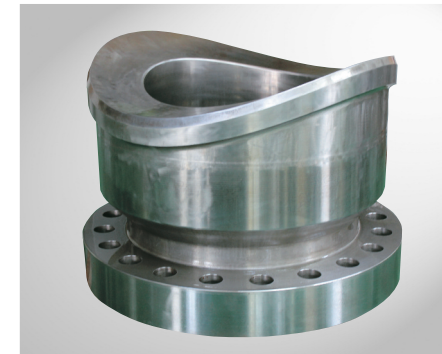
Forged Neck



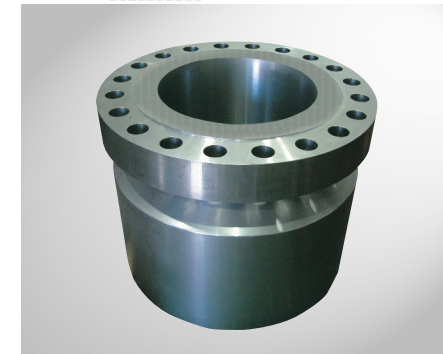
Channel Cover



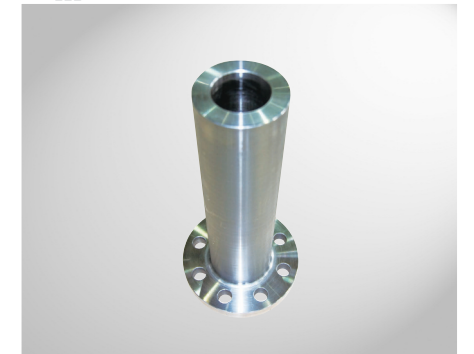
Forged Nozzle



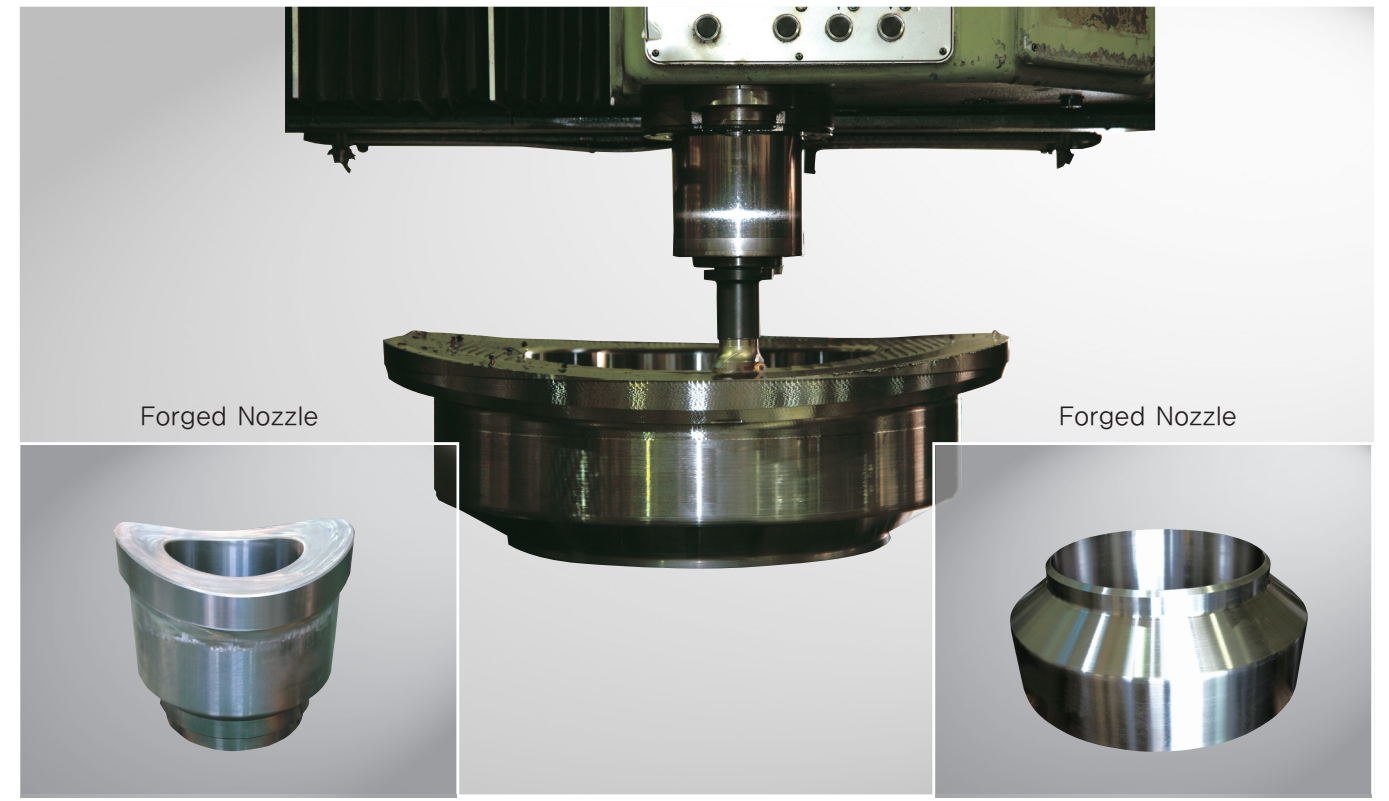
Forged Neck



FVC

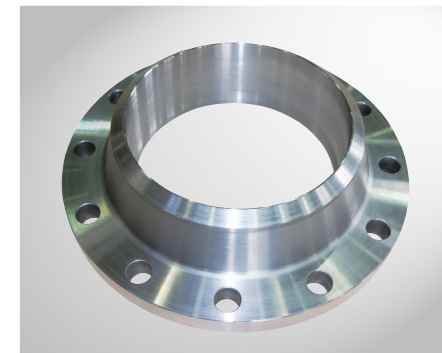


Long Welding Neck

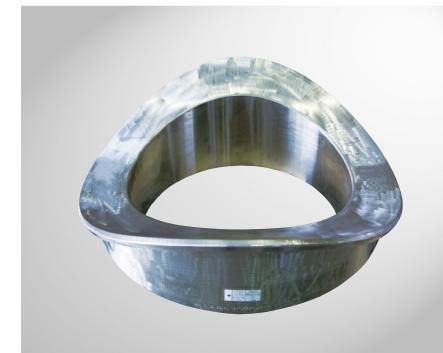


Forged Nozzle

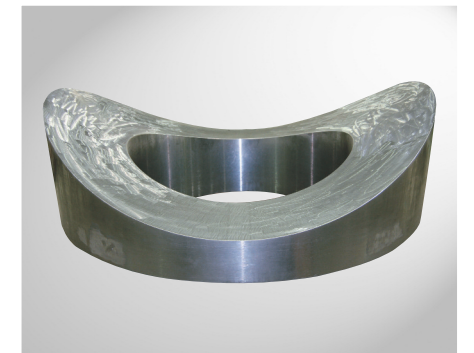
Forged Nozzle



Welding Neck



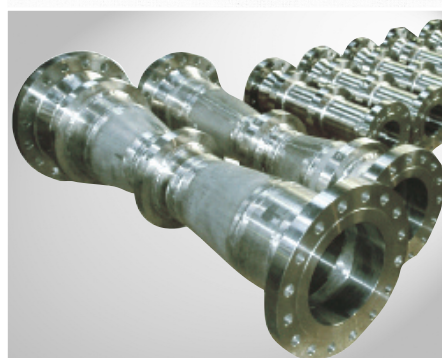
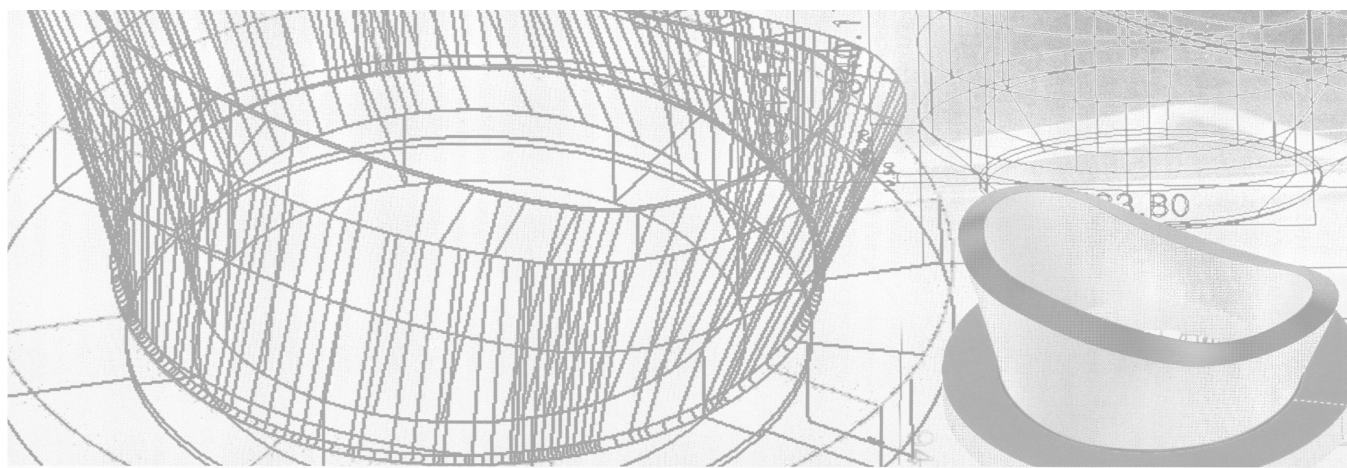
Forged Nozzle



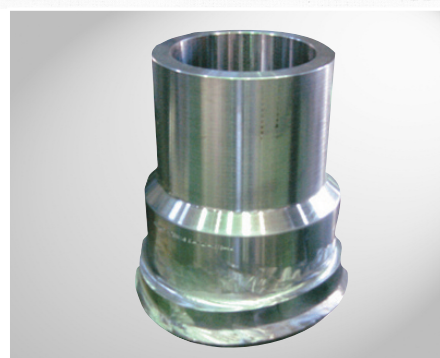
Forged Nozzle

Specific Design Products

We can do in accordance with Approval drawings for specific Design



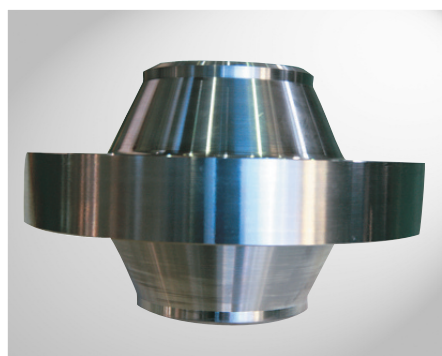
Venturi Tube



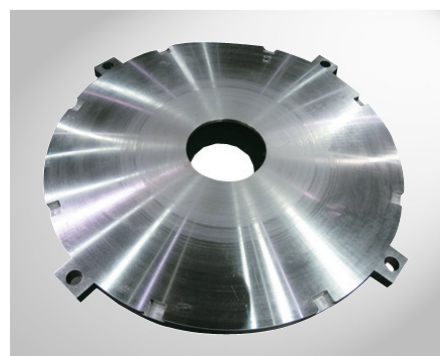
Forged Nozzle



Gear Shaft



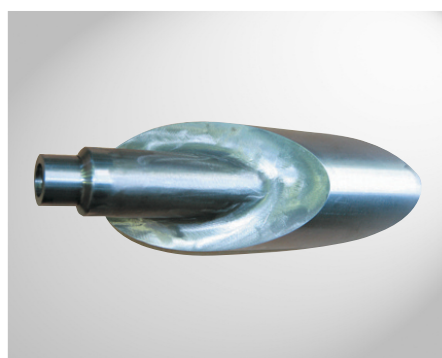
Anchor Flange



Drum Cover



Tube Sheet



Forged Nozzle



Bleed Ring with Flangeolet



Weld Overlay

Standard Products

We can Supply ALL International Standard item

Standard Flanges and Forged Fittings

ANSI Flanges(including API, JIS, MSS, AWWA, DIN)

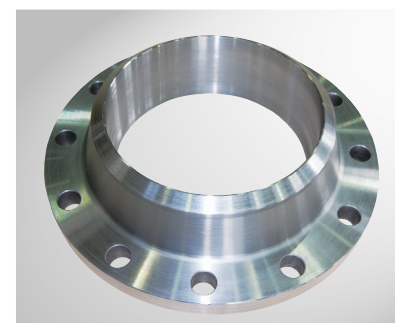
Welding Neck, Slip on, Socket weld, Threaded, Blind, Lap Joint, Ring Joint, Long Welding Neck, Orifice, Spectacle Blind, Spacer, Spade

High Pressure Fittings

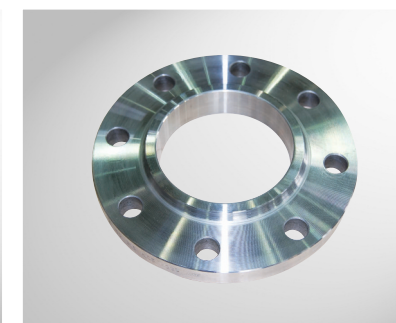
Elbows 45D & 90D, Equal Tees, Reducers, Couplings, Caps, Swage Nipples etc.

Branch Outlet Fittings

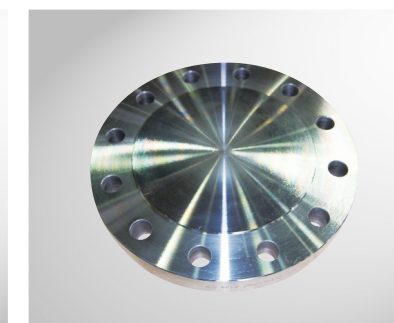
Flange Outlet, Welding Outlet, Nipple Outlet, Socket Outlet, Thread Outlet, Elbolet, Latrolet etc.



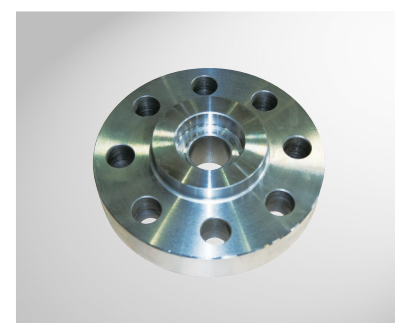
Welding Neck



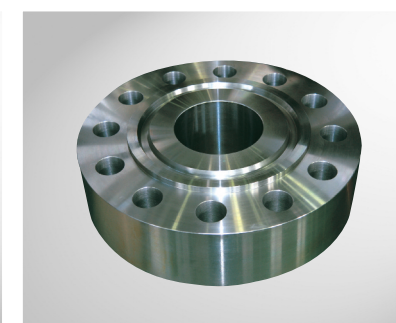
Slip On



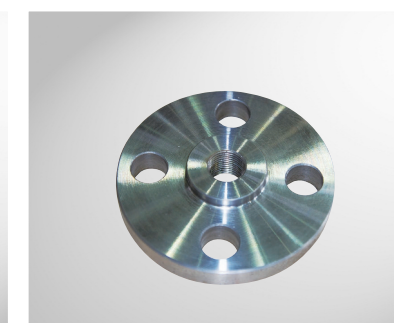
Blind



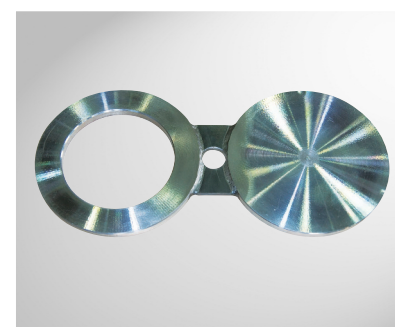
Socket Weld



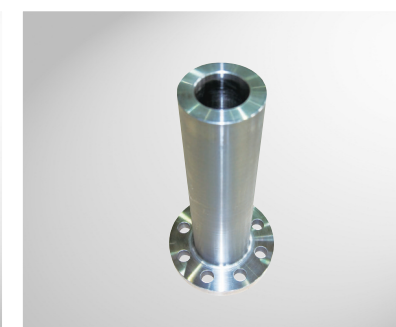
WNRJT



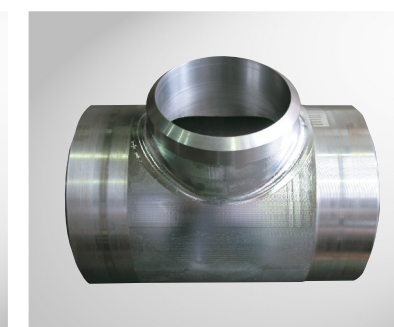
Threaded



Spectacle Blind



Long Welding Neck



Forged Tee

Special Products

Differential pressure flow element device

- Orifice Plate & Flange Assembly
- Flow Nozzle
- Venturi Tube Flow Nozzle

Orifice Plate & Flange Assembly



Orifice Flange Assemblies are widely used in conjunction with orifice meters for measuring the rate of flow of liquids and gases. Orifice flange assemblies are comprised of Flange, Stud Bolts, Nuts, Gaskets, Jack Bolts, Orifice Plate, and they have tapping holes for differential pressure.



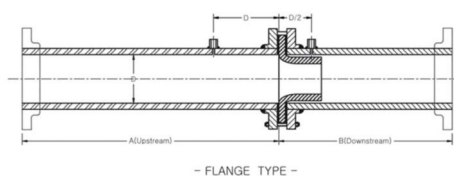
Flow Nozzle

The principle of the method of measurement is based on the installation of a nozzle in to a pipeline in which a fluid is running full. The installation of the primary device causes a static pressure difference between the upstream side and the throat.

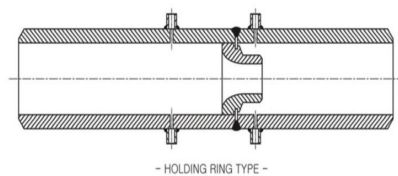
The flow rate can be determined from the measured value of this pressure difference.



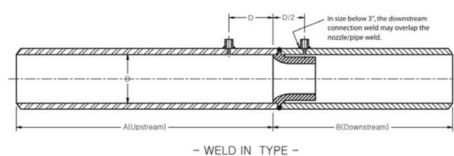
FLANGED TYPE FLOW NOZZLE



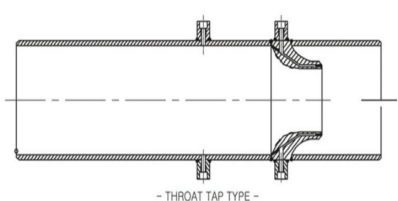
HOLDING RING TYPE FLOW NOZZLE



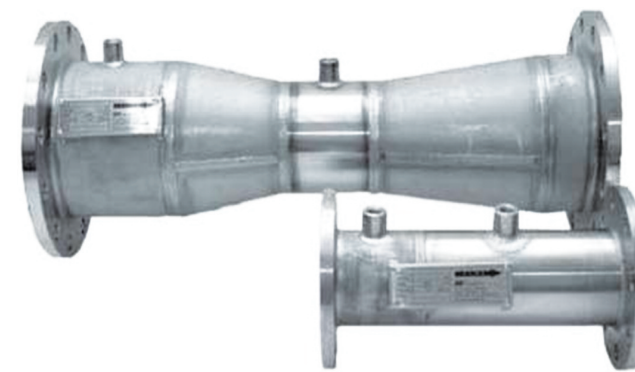
WELD-IN TYPE FLOW NOZZLE



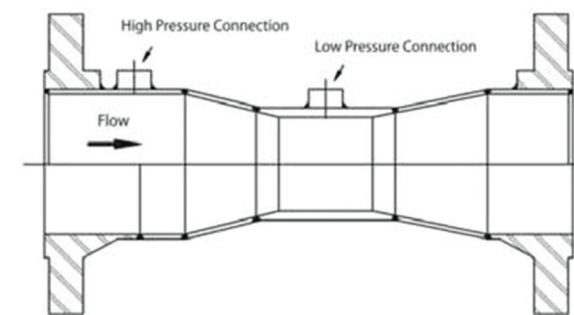
THROAT TAP TYPE FLOW NOZZLE



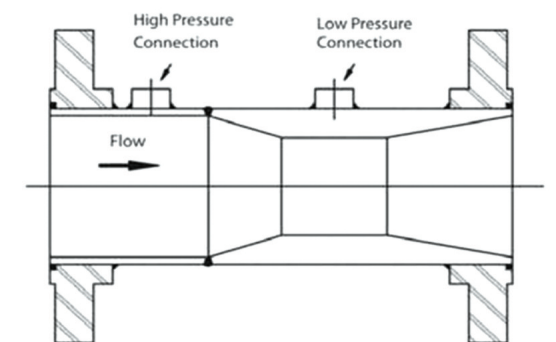
Venturi Tube Flow Nozzle



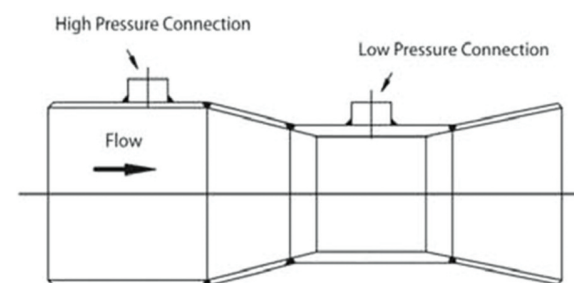
The Venturi Tube is streamlined at both entrance and exit. Standard designs are equipped with piezo meter rings. For measurement of slurries and similar non-homogenous liquids, the piezometer rings are usually eliminated to permit efficient purging of the pressure tap holes. The Venturi tube is considered the best type of head meter primary device for measuring liquids containing large concentrations of solids.



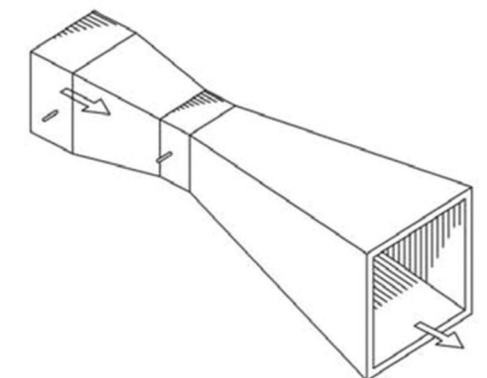
FABRICATED FLANGE TYPE
AVAILABLE IN SIZE 6" AND LARGER
MODEL : F700-FF



MACHINED FLANGE TYPE
AVAILABLE IN SIZE 6" AND SMALLER
MODEL : F700-MF



FABRICATED WELD-ON TYPE
AVAILABLE IN SIZE 6" AND LARGER
MODEL : F700-FW



RECTANGULAR TYPE
AVAILABLE IN SIZE 6" AND LARGER
MODEL : F700-RW

Special Products

Differential pressure flow element device

- Heat Exchangers
- Welding & Cladding

- Pressure Vessel

Shell & Tube Heat Exchangers (Condenser)



Welding Type

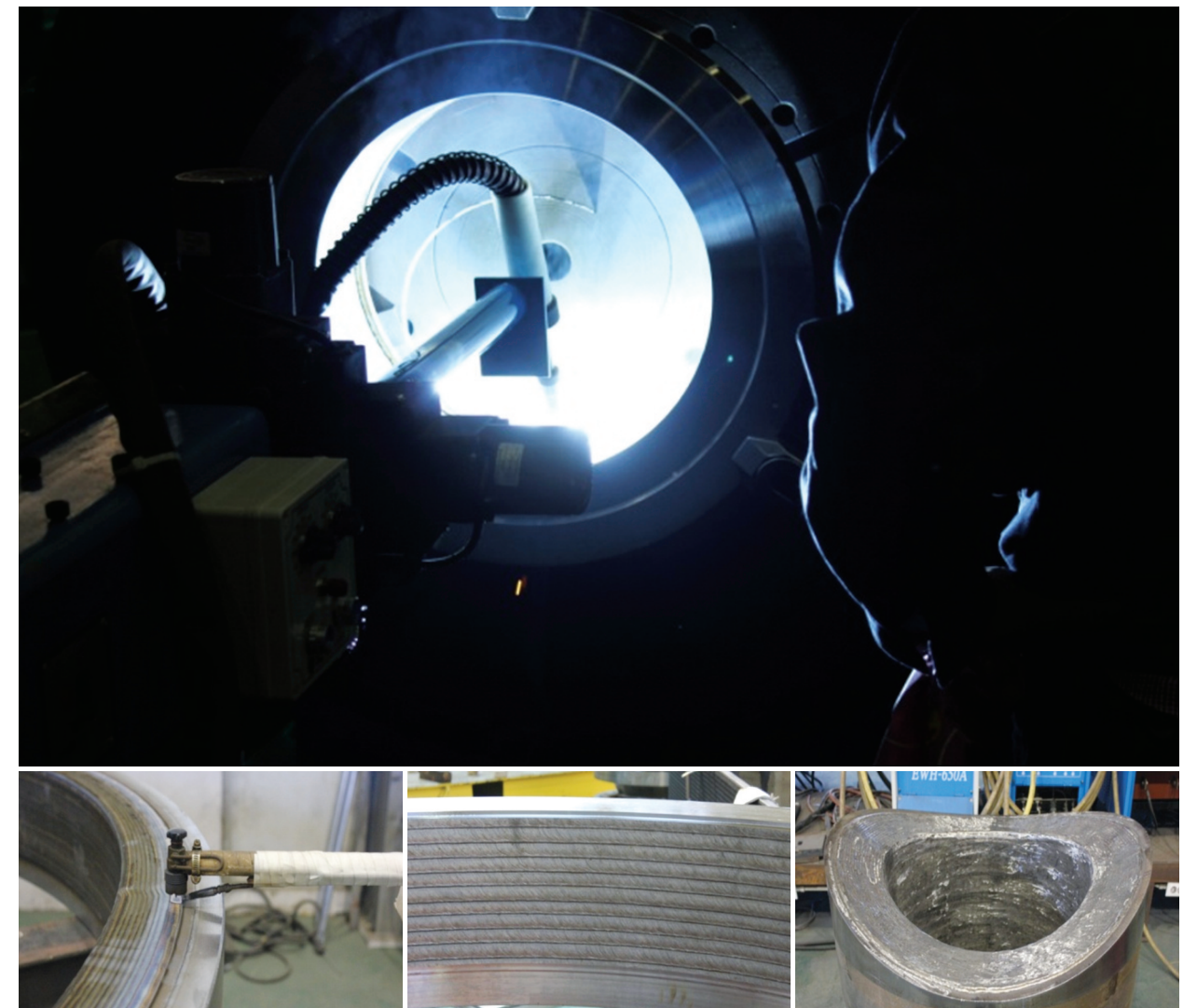
SAW, Auto GTAW/GMAW, FCAW, LINING, WOL (Welding Overlay & Cladding)

Welding Material

Monel(70Ni-30Cu), SUS304, SUS308L, SUS309, SUS316, SUS316L, SUS317L, SUS321, Inconel625, Inconel825, CuNi, Hastelloy, Duplex.

Certificate

ISO 9001 / 2008, ASME STAMP "U", "U2", "S" & "PP"



Pressure Vessel & Drum



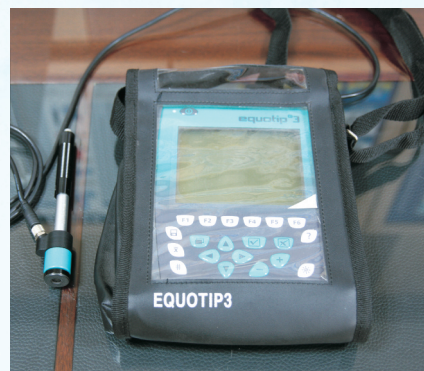
Quality Management

KJF strives to ensure the Better Quality, the Better service for your company.

KJF is proud of its superlative Quality Assurance System designed to meet the requirements of its customers.



We will be the most Valuable Partner in the near Future with your care!



Main Material (JIS, DIN, ASTM, etc. available)

GRADE	CHEMICAL COMPOSITION									UNS NO.	DIN	Tensile Strength	Yield Strength	Bnnell
	C	Mn	P	S	Si	Ni	Cr	Mo	N			Min. ksi(MPa)	Min. ksi(MPa)	Hardness
LOW ALLOY STEELS														
F1	0.28	0.06-0.90	0.045	0.045	0.15-0.35			0.44-0.65		K12822	15MO3	70(485)	40(275)	143-192
F5	0.15	0.3-0.60	0.03	0.03	0.5	0.5	4.0-6.0	0.44-0.65		K41545	12CrMo19-5	70(485)	40(275)	143-217
F9	0.15	0.3-0.60	0.03	0.03	0.50-1.10		8.0-10.0	0.90-1.10		K90941	12-CrMo9-1	85(585)	55(380)	179-217
F91	0.08-0.12	0.3-0.60	0.02	0.01	0.20-0.50	0.4	8.0-9.5	0.85-1.05		K90901	X10CrMoVNi69-1	85(585)	60(415)	248max
F92	0.07-0.13	0.3-0.60	0.02	0.01	0.5	0.4	8.50-9.50	0.30-0.60				90(620)	64(440)	269max
F11	0.05-0.15	0.3-0.60	0.03	0.03	0.50-1.00		1.00-1.50	0.44-0.65		K11597	13CrMo44	60(415)	30(205)	121-174
F12	0.05-0.15	0.3-0.60	0.045	0.045	0.5		0.8-1.25	0.44-0.65		K11562	16CrMo44	60(415)	32(220)	121-174
F22	0.05-0.15	0.3-0.60	0.04	0.04	0.5		2.00-2.50	0.87-1.13		K21590	10CrMo9-10	60(415)	30(205)	170max
F23	0.04-0.10	0.10-0.60	0.03	0.01	0.5		1.92-2.60	0.05-0.30		K41650		74(510)	58(400)	220max
SCM440	0.38-0.43	0.60-0.90	0.03	0.03	0.15-0.35	0.25	1.90-1.20	0.15-0.30			42CrMo4			
SNCM439	0.36-0.43	0.60-0.90	0.03	0.03	0.15-0.35	1.60-2.00	0.60-1.00	0.15-0.30			36CrNiMo4			
SCM430	0.28-0.33	0.60-0.90	0.03	0.03	0.15-0.35	0.25	0.90-1.20	0.15-0.30						
LF3	0.2	0.9	0.035	0.04	0.20-0.35	3.3-3.7	0.3	0.12						
STAINLESS STEELS (MARTENSITIC)														
F6a	0.15	1	0.04	0.03	1	0.5	11.5-13.5			S41000	X12Cr13	70(485)	40(275)	143-207
STAINLESS STEELS (FERRITIC)														
F429	0.12	1	0.04	0.03	0.75	0.5	14.0-16.0			S42900		60(415)	35(240)	190max
F430	0.12	1	0.04	0.03	0.75	0.5	16.0-18.0			S43000		60(415)	35(240)	190max
STAINLESS STEELS (AUSTENITIC)														
F304L	0.03	2	0.045	0.03	1	8.0-13.0	18.0-20.0			S30403	x2CrNi19-11	70(485)	25(170)	
F310	0.25	2	0.045	0.03	1	19.0-22.0	24.0-26.0			S31000	X12CrNi25-20	75(515)	30(205)	
F316L	0.03	2	0.045	0.03	1	10.0-15.0	16.0-18.0	2.0-3.0		S31603	X2CrNiMo18-14-3	70(485)	25(170)	
F317L	0.03	2	0.045	0.03	1	11.0-15.0	18.0-20.0	3.0-4.0		SS31703		70(485)	25(170)	
F321	0.08	2	0.045	0.03	1	9.0-12.0	17.0-19.0			S32100	X6CrNiTi18-10	75(515)	30(205)	
F347	0.08	2	0.045	0.03	1	9.0-13.0	17.0-20.0			S34700	X6CrNiNb18-10	75(515)	30(205)	
F44	0.02	1	0.03	0.01	0.8	17.5-18.5	19.5-20.5	6.0-6.5		S31254		94(650)	44(300)	
310S	0.06					20	25			S31008		515-75	205	
904L	0.02					25	20	4.5	Nca15cu	N08904		550	245	
254	0.02					18	20	6.2	N.cu	S31254		655	350	
6MO.1925	0.02					24	21	6.2	N.cu	N08926		650	295	
STAINLESS STEELS (DUPLEX)														
F51	0.03	2	0.03	0.02	1	4.5-6.5	21.0-23.0	2.5-3.5		S31803	X2CrNiMoN22-5-3	90(620)	65(450)	
F53	0.03	1.2	0.035	0.02	0.8	6.8-8.0	24.0-26.0	3.0-5.0		S32750	X2CrNiMoCuWN25-7-4	116(800)	80(550)	310max
F904L	0.03	2	0.04	0.03	1	23.0-28.0	19.0-23.0	4.0-5.0		N08904		71(490)	31(215)	
SUSF329J3L	0.03	2	0.04	0.03	1	4.50-6.50	21.0-24.0	2.50-3.50	0.08-0.20					
F60										S32205				
CARBON STEELS														
A105	0.35	0.60-1.05	0.035	0.04	0.10-0.35	0.4	0.3	0.12			CK25	70(485)	36(250)	187
A350LF2	0.3	0.60-1.35	0.035	0.04	0.15-0.30	0.4	0.3	0.12				70-95(485-655)	36(250)	197
A350LF3	0.2	0.9	0.035	0.04	0.20-0.35	3.3-3.7	0.3	0.12				70-95(485-655)	37.5(260)	
A694/F65	0.26	1.4	0.025	0.025	0.15-0.35							77(530)	65(450)	
S45C	0.42-0.48	0.60-0.90	0.3	0.35	0.15-0.35						CK45			
ALLOY STEELS														
ALLOY20	0.07	2	0.45	0.35	1	32-38	19-21	2.0-3.0		N08020	2.466			
ALLOY625	0.1	0.5	0.015	0.015	0.5	58	20-23	8.0-10.0		N06625	2.4856			
ALLOY800	0.1	1.5		0.015	1	30-35	19-23			N08800				
A800H/HT	0.05-0.10	1.5		0.015	1	30-35	19-23			N08810/11				
ALLOY825	0.05	1		0.03	0.5	38-46	19.5-23.5	2.50-3.50		N08825	2.4858			
ALLOY600	0.15					76	15		Fe=8	N06600	2.4816	550	240	
ALLOY 800H/800HT	0.08					32	21		Fe=46	N08810/N08811	1.4958/1.4876	450	170	
ALLOY C276	0.01					57	16	16	Fe=5.5	N010276	2.4819	690	283	
ALLOY 400	0.15					65			Fe=1.6	N04400	2.4366/2.4360	195	485	
B171 C46400									Cu=60					
B171 C70600		1				9.0 11.0			Cu=88					