



WESTERN
FORGE & FLANGE CO.
Quality Forging Solutions Since 1944



NUCLEAR | OIL & GAS | PETROCHEMICAL | DEFENSE | PHARMACEUTICAL | AGRICULTURE | MINING | PULP/PAPER

Flanges – Specialty Metal – Custom Forging – Heat Treating – Machining – Metallurgical Testing

Flange product range: ½" - 36" & 150# - 2,500#

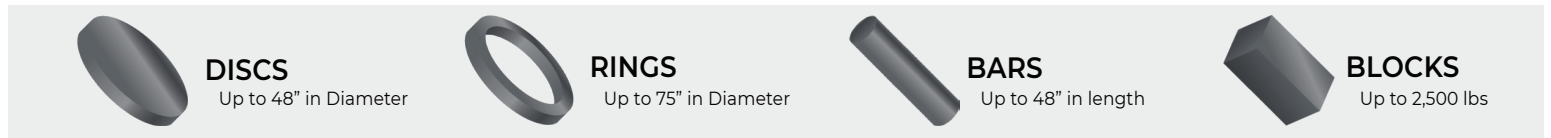


Other Flanges & Non-Standard Products:

- Expander Flanges
- Reducing Flanges
- Nipolet Flanges
- Lightweight Class
- Male / Female Facings
- Tongue/ Groove Facings
- DIN, JIS, & API Flanges
- Ring Type Joint (RTJ) Facings
- Navy Flanges
- Military Specifications

CUSTOM FORGINGS & FLANGES

WE FORGE SPECIALIZED PARTS TO YOUR MEASUREMENTS



WHEN YOU NEED IT NOW:

Western Forge & Flange Co. has the ability to do that quick turnaround that you must have!

PRIMARY ALLOYS INVENTORIED:

- Hastelloy- C276, B3, C22, C-2000, G-30, 230
- Alloy - 20, 200/201, 400, 600, 601, 625, 800HT, 825, AL6XN (N08367)
- Stainless - 304/L, 316/L, 904L, 310, 317L, 321, 347, A20
- Duplex - 2205, 2507, 255
- Copper-Nickel - 70/30, 90/10
- Titanium - Grades 2, 7, and 12.
- Aluminum Grades - 3003, 6061 and 5083
- Chromes-Moly - F-5, F-9, F-11, F-22 and F-91

OTHER MATERIAL
 Available Upon Request

ITEMS MADE TO DRAWINGS
 For more information, see our website at: www.western-forge.com

CONTACT US TODAY

SALES@WESTERN-FORGE.COM | WESTERN-FORGE.COM | 281-727-7000
 687 COUNTY ROAD 2201, CLEVELAND, TEXAS 77327 - USA

WESTERN FORGE & FLANGE CO.



QUALITY

WESTERN FORGE & FLANGES' QUALITY MANAGEMENT SYSTEM COMPLIES WITH THE FOLLOWING STANDARDS:

- ISO 9001:2015 Standard*
- PED 2014/68/EU, Annex I, Section 4.3*
- NCA3800/4200 ASME SECTION-III (Nuclear)**
- NQA-1 (Nuclear)**
- CSA N285.0 (Canadian Nuclear)*
- CSA B51 (Canadian Non-Nuclear)*
- MIL-I-45208A (Military Standard)**
- 10CFR50 APP-B (Code for Federal Regulation - Nuclear)**
- 10CFR21 (NRC Regulation)**
- DFARS regulatory and statutory requirements**

*CERTIFIED
**IN COMPLIANCE

TESTING

CORROSION TESTING

- Intergranular Corrosion in Austenitic Stainless Steels per ASTM A262 – Practice A, B, C, E, F
- Intergranular Corrosion in Nickel-Rich, Chromium Alloys per ASTM G28 Method A
- Pitting and Crevice Corrosion Resistance of Stainless Steels in Ferric Chloride Solution per ASTM G48 Method A, B, D
- Detrimental Intermetallic Phase in Duplex Stainless Steels per ASTM A923 Method A, C

METALLOGRAPHY ANALYSIS

- Microstructure Examination
- Macrostructure Examination
- Grain Size Determination
- Ferrite Point Count per E562

NON-DESTRUCTIVE TESTING

- Ultrasonic Testing
- Liquid Penetrant Testing
- Magnetic Particle Testing
- Material Identification by XRF (PMI)

MECHANICAL TESTING

- Tensile Testing
- Hardness Testing
- Charpy Impact Testing

OTHER TESTING AVAILABLE UPON REQUEST

Approved Manufacturer List

COMPLETE LIST AVAILABLE UPON REQUEST



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