



# LFF Group

www.LFF-group.com

| Standard Material Supply Range    |  |  |  |
|-----------------------------------|--|--|--|
|                                   | Flanges  | Fittings   | Pipe   |
| <b>Size</b>                       | 1/2" to 60" NB<br>(Larger Upon Request)  | 1/2" to 60" NB<br>(Larger Upon Request)  | 1/2" to 60" NB<br>(Larger Upon Request)  |
| <b>Thickness</b>                  | All Standard Schedules<br>Intermediate & Heavy Wall Also Available   | All Standard Schedules<br>Intermediate & Heavy Wall Also Available   | All Standard Schedules<br>Intermediate & Heavy Wall Also Available   |
| <b>Type</b>                       | Weld Neck, Blind, Socket Weld,<br>Threaded, Lap Joint, Slip On   | Seamless & Welded<br>45 & 90 Degree Long Radius Elbows, 90<br>Degree Short Radius Elbows, Equal &<br>Reducing Tees, Concentric & Eccentric<br>Reducers, Caps | Seamless & Welded  |
| <b>Specials</b>                   | Anchor, Compact, Orifice,<br>Bulkhead, Swivel Ring,<br>Misalignment, Spectacle Blinds/<br>Spades/Spacers, Bleed/Drip Rings                                   | Bends, Barred Tees, Sphere Tees,<br>Laterals, Stub Ends  |  |
| <b>Rating</b>                     | 150# to 2500#/2,000 to 20,000 PSI  |  |  |
| <b>Dimensional Standard</b>       | ASME B16.5<br>ASME B16.36<br>ASME B16.47 Series A & B<br>API 6A (API Flanges)<br>Norsok L005 (Compact Flanges)<br>Gaskets & Bolts To Suit Are Also Available | ASME B16.9<br>MSS SP-75<br>ASME B16.49 (Induction Bends)   | ASME B36.10<br>ASME B36.19<br>API 5L/5LC (Linepipe)  |
| <b>Carbon and Low Alloy</b>       | ASTM A105<br>ASTM A350 LF2<br>ASTM A350 LF3  | ASTM A234 WPB/C<br>ASTM A420 WPL6<br>ASTM A420 WPL3  | ASTM A106B/C & API 5LGr B<br>ASTM A333 Gr 6<br>ASTM A333 Gr 3  |
| <b>High Yield</b>                 | ASTM A694 F52-65   | MSS SP75 WPHY52-65   | API 5LX 52-65  |
| <b>Chromium Molybdenum</b>        | ASTM A182 F1, 5, 9, 11, 22   | ASTM A234 WP1, 5, 9, 11, 22  | ASTM A335 P1, 5, 9, 11, 22   |
| <b>Austenitic Stainless Steel</b> | ASTM A182 F304, H & L<br>ASTM A182 F316, H & L<br>ASTM A182 F321, H<br>ASTM A182 F347, H<br>ASTM A182 F44  | ASTM A403 WP304, H & L<br>ASTM A403 WP316, H & L<br>ASTM A403 WP321, H<br>ASTM A403 WP347, H<br>ASTM A403 WPS 31254  | ASTM A312/358 TP304, H & L<br>ASTM A312/358 TP316, H & L<br>ASTM A312/358 TP321, H<br>ASTM A312/358 TP347, H<br>ASTM A312/358 UNS S31254 |
| <b>Ferritic-Austenitic Steel</b>  | ASTM A182 UNS S31803<br>ASTM A182 UNS S32750 & S32760  | ASTM A815 UNS S31803<br>ASTM A815 UNS S32750 & S32760  | ASTM A790 UNS S31803<br>ASTM A790 UNS S32750 & S32760<br>ASTM A928 UNS S31803<br>ASTM A928 UNS S32750 & S32760                           |
| <b>Nickel Alloy</b>               | ASTM B446 UNS NO6625<br>ASTM B425 UNS NO8825<br>ASTM B408 UNS NO8800<br>ASTM B408 UNS NO8810/11  | ASTM B366 WPNCMC UNS NO6625<br>ASTM B366 WPNICMC UNS NO8825<br>ASTM B366 WPNIC UNS NO8800<br>ASTM B366 WPNIC UNS NO8810/11                                   | ASTM B444 UNS NO6625<br>ASTM B423 UNS NO8825<br>ASTM B407 UNS NO8800<br>ASTM B407 UNS NO8810/11  |
| <b>Copper Nickel</b>              | EEMUA Publication 234<br>(Copper Nickel Alloy Piping)  | EEMUA Publication 234<br>(Copper Nickel Alloy Piping)  | EEMUA Publication 234<br>(Copper Nickel Alloy Piping)  |