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Sample Parts Produced at Long-Stanton Asia



Knuckle
ASTM 479/A,
304 Stainless Steel
4.00" diameter x 1.50" thick

- Cut from bar stock with automatic saw
- Turned on lathe
- Holes drilled on mill using 4th Axis
- Compound angle milled in custom fixture



Flange
ASTM 276,
304 Stainless Steel
4.00" diameter x .55" thick

- Cut from bar stock with automatic saw
- Turned on lathe
- Holes drilled on mill



Plug
ASTM 479/A,
304 Stainless Steel
1.12" diameter x .50" thick

- Turned from bar stock on lathe using automatic bar feeder



Body
ASTM 479/A,
304 Stainless Steel
1.50" diameter x 0.875" thick

- Turned from bar stock on lathe using automatic bar feeder



Brackett
ASTM 479/A,
304 Stainless Steel
7.25 long x 2.00" wide x 1.50" high"
1.50" diameter x 0.875" thick

- Material slit from sheet
- Part blanked on progressive die
- Part formed no progressive die
- Part polished



Handle
304 Stainless Steel
1.00" diameter x 0.059" thick
34.50" long x 20.25" wide

- Tube cut to various lengths
- Tube bent in manual tube bender
- Weld pieces together
- Grind and polish welds



Ring
304 Stainless Steel
1-15/16" diameter x 0.065" thick
20.00" diameter

- Bend tube into coil with hydraulic tube roller
- Cut coil on bandsaw
- Drill hole to let gas escape
- Weld ring together
- Grind down weld
- Polish until weld is not visible



Angle Ring
A36 Angle Steel
0.75" x 0.85" x 0.125"
19.50" diameter

- Cut to length
- Bend part into ring with manual bender
- Stamp notches into part



Washer
304 Stainless Steel
.05mm thick
1.870" diameter

- Stamp on compound die
- Tumble to remove burrs