

## STEEL FLANGES

CCTF Corporation

Carbon and Stainless Steel Flanges

A wide variety of carbon steel, forged steel, and stainless steel flanges are all available at CCTF, including weld necks, slip-ons, threaded, socket weld, lap joints, blinds and hub blinds.

- Carbon Steel (Grades A105N and A350LF2)
- Stainless Steel (Grades A316/316L and A304/304L)

1. Holes accurately drilled for ease of assembly.
2. Spot facing ensures seating of fasteners true and square.
3. Grain flow controlled for maximum strength.
4. Smooth accurate bore for unrestricted flow.
5. Machined bevel and land facilitate good welding.
6. All faces machined within tolerances to ensure true alignment.
7. Full identification of size, pressure class, material and heat code.

## SPECIFICATIONS

### CARBON STEEL MODELS

#### Weld Neck

- STD and XH Bore (Sch 160 and XXH also available for some sizes)
- Classes 150, 300, 600, 900 and 1500
- Sizes: 1/2" to 24"

#### Slip-On

- Classes 150, 300 and 600
- Sizes: 1/2" to 24"

#### Threaded

- Classes 150, 300 and 600
- Sizes: 1/2" to 6"

#### Lap Joint

- Class 150 only
- Sizes: 1/2" to 12"

#### Blind

- Classes 150, 300, 600, 900 and 1500
- Sizes: 1/2" to 24"

#### Hub Blind

- Classes 150, 300 and 600
- Sizes: 1/2" to 6"

#### Socket Weld

- STD and XH Bore
- Classes 150, 300 and 600
- Sizes: 1/2" to 4"

### STAINLESS STEEL MODELS

#### Weld Neck

- Sch 10, Sch 40 and Sch 80 Bore
- Classes 150, 300, 600, 900 and 1500
- Sizes: 1/2" to 24"

#### Slip-On

- Classes 150, 300, 600, 900 and 1500
- Sizes: 1/2" to 24"

#### Threaded

- Classes 150 and 300
- Sizes: 1/2" to 4"

#### Lap Joint

- Class 150 only
- Sizes 2" to 6"

#### Blind

- Classes 150 and 300
- Sizes: 1/2" to 12"

#### Hub Blind

- Classes 300, 600 and 1500
- Sizes: 1/2" to 6"

#### Socket Weld

- Schedule 40 and Schedule 80 Bore
- Classes 150, 300 and 600
- Sizes: 1/2" to 2"



**FORGED STEEL FITTINGS**

CCTF Corporation

Forged Steel Fittings

CCTF offers forged steel fittings in tees, elbows, bushings, inserts, couplings, plugs, crosses, olets and unions. They come in the A105N grade with 2000, 3000 and 6000 ratings and also in the A350LF2 grade with 3000 and 6000 ratings.

**SPECIFICATIONS**

**TEES**

- Straight and reducing
- Threaded and socket weld
- Sizes from 1/8" to 4"

**ELBOWS**

- 90°, 45°, Street 90°
- Threaded and socket weld
- Sizes from 1/8" to 4"

**BUSHINGS**

- Hex and round head
- All threaded
- Sizes from 1/8" to 4"

**INSERTS**

- All reducing
- All socket weld
- Sizes from 1/2" to 2"

**COUPLINGS**

- Couplings, half-couplings and reducing
- Threaded and socket weld
- Sizes from 1/8" to 4"

**PLUGS**

- Hex and round head
- All threaded
- Sizes from 1/8" to 4"

**CROSSES**

- Sizes from 1/8" to 3"

**UNIONS**

- Threaded and socket weld
- Sizes from 1/8" to 4"

**OLETS**

- Elbolets
  - Threaded, socket weld and butt weld
  - Sizes from 1/4" to 2"
- Thredolets
  - Sizes from 1/4" to 4"
- Sockolets
  - Sizes from 1/4" to 4"
- Weldolets
  - Sizes from 1/4" to 14"
  - Wall Thickness: STD, XH, Schedule 160



**PIPE HANGERS AND SUPPORTS**

CCTF Corporation

Pipe Hangers and Supports

CCTF carries a wide variety of commercial, industrial, fire protection and waterworks hangers and clamps. Also available are hanger attachments, strut products and threaded products.

**SPECIFICATIONS**

**STANDARD AND COMMERCIAL PIPE HANGERS**

- Swing Ring Hangers: Sizes from 1/2" to 8"
- Clevis Hangers: Sizes from 1/2" to 24"
- Clamps: Sizes from 1/2" to 20"
- Other: Sizes from 3/8" to 12"

**FIRE PROTECTION AND WATERWORKS HANGERS**

- Sizes from 1/2" to 18"

**INDUSTRIAL HANGERS AND CLAMPS**

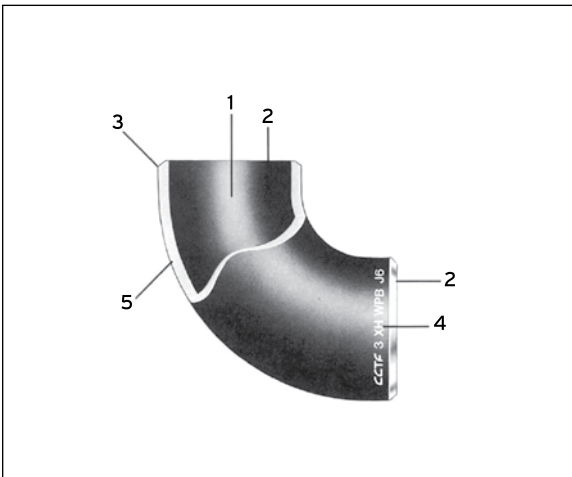
- Sizes from 3/8" to 36"

**HANGER ATTACHMENTS**

- Sizes from 1/4" to 8"

**THREADED PRODUCTS**

- Sizes from 1/4" to 2"



**WELDING FITTINGS**

CCTF Corporation

Seamless Welding Fittings

A wide variety of seamless welding fittings are all available at CCTF, from elbows, tees, wye laterals and caps to crosses, saddles, 180° long and short radius return bends.

1. True diameter maintained throughout the smooth bore for unrestricted flow.
2. Ends are true and square.
3. Bevels and lands accurately machined for good welding.
4. Clear identification of size, schedule or nominal wall thickness, material and heat code.
5. Full, uniform wall thickness for maximum strength.

**SPECIFICATIONS**

**ASTM STANDARDS**

- CCTF carbon steel welding fittings are manufactured from seamless steel tubing and furnished in accordance with ASTM Standard A-234, with material specifications in accordance with ASTM A-106, Grade B, for fittings made from pipe; ASTM A-515, Grade 65 or 70, for fittings made from plate.

- CCTF alloy steel welding fittings are furnished in accordance with ASTM Standard A-234, with materials specification including A-335, Grade P1, carbon-molybdenum, and Grade P12, P11, P22, P5, P7; P9 chrome molybdenum, for fittings made from pipe.

- ASTM A-204 Grade B, carbon molybdenum, and ASTM A-387 Grades 12, 11, 22, 5, 7, 9 chrome molybdenum for fittings made from plate.

- CCTF welding fittings are also available in accordance with ASTM specification A-420 covering low-temperature service, down to -150°F (-101°C).

- CCTF stainless steel welding fittings are manufactured and available in the following types: 304, 304L, 316, 316L and 347. They are furnished in accordance with ASTM Standard A-403, with material specifications to ASTM A-312 covering fittings made from pipe, and A-240 for fittings made from plate.



**ACID WASTE JOINING SYSTEMS**

Pegas

Mechanical Joint

The Pegas Mechanical Joint is an easy-to-assemble coupling greatly simplifying installation by eliminating the need for expensive special tools. One inexpensive pipe-grooving tool and regular hand tools are all that are needed to produce tight, leak-free joints every time.

- Pre-grooved fittings mean no heat is required
- Easy-to-move and change
- 10-ft. standard length pipe
- No metal in joint
- Plating meets ASTM B117 100-hr salt spray test
- Joint meets ASTM F1673 and F1412

**SPECIFICATIONS**

**PIPE**

- Standard Schedule 40 - 1-1/2" to 6" - Blueline flame-retardant, Browline and PVDF

**FITTINGS**

- Standard Schedule 40 - Blueline flame-retardant or PVDF - 1-1/2" to 6" sizes

**ACCESSORIES**

- Complete line available including floor drains, P-traps, sinks and tanks