Hot-rolled structural steel shapes.

Channels (C- and MC-shapes)

Angles (equal or unequal legs)

Tees (WT-shapes)

Tubular products

Circular tube or pipe

Square and rectangular structural tubing

Plate and bar products

Cut edge (sheared or flange cut) or Rolled edge (universal mill)

Width \( \geq 8" \)

Rolled surface

Thickness \( \geq 0.18" \) or \( 0.23" \) depending on plate width

Solid circular

Solid square or rectangular

Hexagonal

W- and M-shapes

Sloping inside of flange

I-shaped cross-sections

Web

Flange

Fillet

HP-shapes

S-shapes

Stem (or web)

Flange

Web

Leg

Tee

TOE

Heel

Sloping inside of flange
Common structural shapes

- Wide flange (W-section)
- American standard beam (S-section)
- Channels
- Angle
- Double angle
- Structural tee
- Pipe section
- Structural tubing
- Bars
- Plate
- Zee
- I-shaped double channel
- Hat section
- Starred angle
- Cable
- Built-up sections