

Hot-rolled angles (equal or unequal legs), flat bar, round bar, square bar and channels in commercial and structural sizes. Published as meeting ASTM standards; Charpy impact test on demand for angles.

Merchant bar shapes and sizes as published			
Shape	Sizes	Lengths	Standard / testing
Angles (equal or unequal legs)	¾", 1", 2" and 3" widths (19.05, 25.4, 50.8 and 76.2 mm)	6.1 m and 12.2 m	Charpy test on demand
Structural angles	4", 5" and 6" widths (101.6, 127.0 and 152.4 mm)	6.1 m and 12.2 m	Charpy test on demand
Flat bar	½", ¾", 1", 2" and 3" widths (12.7, 19.05, 25.4, 50.8 and 76.2 mm)	—	Meets ASTM standards (as published)
Structural flat bar	4", 5", 6" and 8" widths (101.6, 127.0, 152.4 and 203.2 mm)	—	Meets ASTM standards (as published)
Round bar	From ⅜" (9.525 mm)	—	Meets ASTM standards (as published)
Square bar	From ⅜" (9.525 mm)	—	Meets ASTM standards (as published)
Channels	Minimum 3" depth (76.2 mm)	6.1 m and 12.2 m	Meets ASTM standards (as published)

Sizes are listed in inches as published; millimetre values are exact conversions (1 in = 25.4 mm). "—" means no standard length is published; confirm lengths with your quote.

Typical uses

- **Angles (equal or unequal legs):** Shelves and racks · bodywork · machinery components
- **Structural angles:** Electrical tower structures · joist assembly
- **Flat bar:** Ornamental ironwork and handcrafts
- **Structural flat bar:** Open-web crossbars · structural reinforcement · trailers
- **Round bar:** Ironwork · structures · joist assembly · industrial parts
- **Square bar:** Trailer and rack assembly · ironwork
- **Channels:** Metal structures · roof reinforcement · machinery and trailer supports · racks

About this sheet. Compiled by Tas & Zaz from the data published by the mill we represent (accessed October 2026). The mill's current documentation and your written quote prevail; final product selection is the responsibility of your engineer or specifier.

Tas & Zaz represents Mexican steel mills and manufacturers in Canada and the USA. Quotes and prices come from the mill we represent, handled through us as its local representative. sales@tasandzaz.com · +1 (587) 849-4030 (Canada) · +52 (811) 611-9211 (Mexico) · tasandzaz.com