This guide presents a summary of the Superstrut® products, for details regarding our complete offering, consult our “Metal Framing, Fastening and Identification” catalogue at tnb.ca.abb.com or contact your local representative.
Superstrut Metal Framing
Channels

The Superstrut system is designed with many time-saving features and provides solutions for various applications such as:

- Cable Tray Supports
- Pipe & Conduit Supports
- Trapeze Hangers
- Wall Framing
- Rack and Shelving

### Finishes & Materials

<table>
<thead>
<tr>
<th>Finish on steel</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC</td>
<td>Bare Steel</td>
</tr>
<tr>
<td>PGC</td>
<td>Pre-Galvanized</td>
</tr>
<tr>
<td>EGC</td>
<td>Electrogalvanized</td>
</tr>
<tr>
<td>HDGC</td>
<td>Hot Dipped Galvanized</td>
</tr>
<tr>
<td>GR, GY, WH...</td>
<td>Epoxy Coating</td>
</tr>
</tbody>
</table>

### Other material offered

- ALC: Aluminum
- T316L: Stainless Steel (Type 316L)

### Channel hole configurations

- **Half Slot Channel (HS)**
  - Slots: 9/16 in. × 1 1/8 in.

- **Slotted Channel (S)**
  - Slots: 7/16 in. × 3 in.

- **Slotted Wide Channel (SW)**
  - Slots: 9/16 in. × 3 in.

- **Punched Channel (P)**
  - Holes: 9/16 in.

- **Channel with Knockouts (KD)**
  - KO: 1/2 in.

### Welded Combinations

- EXAMPLES: Two A1200 channels back to back are ordered as A1202. Two A1200 channels back to side are ordered as A1202C.

### Channel Series

- **A1200 (12 gauge)**
  - A1400 (14 gauge)

- **B1200 (12 gauge)**
  - B1400 (14 gauge)

- **D1200 (12 gauge)**
  - E1200 (12 gauge)

- **H1200 (12 gauge)**
Superstrut Metal Framing
Time Saving Solutions

Cobra® Clamp
One-piece, heavy duty construction, ready to install, right out of the box. Use to attach and support a full range of EMT & rigid conduits from 1/4 to 4 in. trade sizes.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Trade Size (in.) EMT</th>
<th>Rigid Conduit</th>
<th>Cable O.D. Range (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPC025</td>
<td>1/4</td>
<td>1/4</td>
<td>0.312 - 0.600</td>
</tr>
<tr>
<td>CPC050</td>
<td>1/2</td>
<td>1/2</td>
<td>0.650 - 0.890</td>
</tr>
<tr>
<td>CPC075</td>
<td>3/4</td>
<td>3/4</td>
<td>0.860 - 1.110</td>
</tr>
<tr>
<td>CPC100</td>
<td>1</td>
<td>1</td>
<td>1.100 - 1.400</td>
</tr>
<tr>
<td>CPC125</td>
<td>1-1/4</td>
<td>1-1/4</td>
<td>1.400 - 1.725</td>
</tr>
<tr>
<td>CPC150</td>
<td>1-1/2</td>
<td>1-1/2</td>
<td>1.690 - 1.980</td>
</tr>
<tr>
<td>CPC200</td>
<td>2</td>
<td>2</td>
<td>1.980 - 2.576</td>
</tr>
<tr>
<td>CPC250</td>
<td>2-1/2</td>
<td>2-1/2</td>
<td>2.576 - 3.060</td>
</tr>
<tr>
<td>CPC300</td>
<td>3</td>
<td>3</td>
<td>3.060 - 3.626</td>
</tr>
<tr>
<td>CPC350</td>
<td>3-1/2</td>
<td>3-1/2</td>
<td>3.626 - 4.126</td>
</tr>
<tr>
<td>CPC400</td>
<td>4</td>
<td>4</td>
<td>4.126 - 4.626</td>
</tr>
</tbody>
</table>

Bat Clip™
Flexible conduit hanger, attaches ExpressTray® to strut.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Material and Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSF-CK535</td>
<td>Spring steel with zinc phosphate finish</td>
</tr>
<tr>
<td></td>
<td>(black)</td>
</tr>
</tbody>
</table>

H122 Trapnut™ Strut Fastener
Reduces time to install trapeze framing and support. Closes at any desired position, can be removed and reused.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Size (in.)</th>
<th>Design load (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H 122 1/4 EG</td>
<td>1/4</td>
<td>150</td>
</tr>
<tr>
<td>H 122 3/8 EG</td>
<td>3/8</td>
<td>590</td>
</tr>
<tr>
<td>H 122 1/2 EG</td>
<td>1/2</td>
<td>1080</td>
</tr>
</tbody>
</table>
Superstrut Metal Framing
Post bases and accessories

**Post bases**

- **AP232**
- **AP232FL**
- **AP232SQ**
- **AP235**
- **AP235FL**
- **AP235SQ**

**Threaded rod**
Threaded rod is used to suspend metal framing channel from ceilings. Available thread sizes: 1/4 to 1 in.

- **H104 Series**

**Universal channel cone nuts**
One size fits all strut depths. Used to connect modular framing channels to accessories. (Available in a GoldGalv® finish)

- **UCN Series**

**U shape channel inside joiner**
A213 is for A1200 Series. A-213-14 is for A1400 Series. (Available in a GoldGalv® finish)

- **A213 & A-213-14**

**Threaded rod**

**Cable tie mounting base**
Fits all 1-5/8 in. channels.

- **TC5363X**

**Spring nut**
Self-aligning spring nuts are designed to provide resistance to pull-out and side slip. Available sizes: 1/4 to 5/8 in.

- **A100 & B100 Series**

**Strut cover & end cap**
For a clean finish and professional appearance after wiring has been completed. Available in pre-galvanized and plastic.

- **AB844 Series**
- **A243-1EGC**
  For A1200 channels.
Superstrut Metal Framing
Fittings for an easy installation

Flat fittings

Angular fittings

Shaped fittings

Supermag™ magnetic fittings
Nickel-plated magnets embedded in the most popular Superstrut steel fittings. Adds convenience and safety to strut assembly by eliminating the need to manually hold fittings and strut together while installing bolts, nuts and rods.
Superstrut Metal Framing
Cable and Pipe Clamps to install quickly and securely

**Quik clamp™**
One-piece construction integral bolt and captive nut for EMT & rigid conduits 1-1/2 to 4-11/16 in. trade sizes.

**Conduit & pipe clamp**
Two-piece, heavy-duty construction for EMT & rigid conduits; 1/2 to 4 in. trade sizes. Machine screw and nut included.

**Conduit & pipe hanger**
Accommodates 3/8 in. up to 4 in. EMT & rigid conduits
Load rating 500 lb

**Support brackets**

- **S222**
  Load rating 750 lb to 1,000 lb

- **S247**
  Load rating 3,650 in. lb to 5,250 in. lb

- **S249**
  Load rating 600 to 1,600 lb

- **S250**
  Load rating 400 to 1,500 lb

- **S251 / S256**
  Load rating 500 to 1,650 lb

- **S226**
  Load rating 750 to 1,000 lb

- **S248**
  Load rating 7,550 in. lb to 10,800 in. lb

- **S254**
  Load rating 250 to 1,000 lb
Superstrut Metal Framing
Beam Clamps and Hanger Supports

Beam clamps for hanging rods

U562
For rod size 1/2 in.
Load rating 500 to 800 lb

U563
For rod size 3/8 in.
Load rating 240 to 400 lb

U564
For rod size 3/8 in. - 1/2 in. - 5/8 in.
Load rating 1,300 to 3,150 lb

UM562
For rod size 1/2 in.
Design load 1,200 lb

US562
For rod size 1/2 in.
Design load 800 lb

Beam clamps for mounting channel

U501-U502
Load rating 2,150 to 3,000 lb.

US10
Load rating 800 to 1,000 lb

US14
Load rating 750 lb per pair

US14A
Load rating 1,650 lb per pair

US15
Load rating 800 lb

Channel support beam clamps

S12U
Load rating 800 to 1,000 lb

A597
Load rating 800 lb