

3.4 MI Components, Allowable Load Data and Specifications

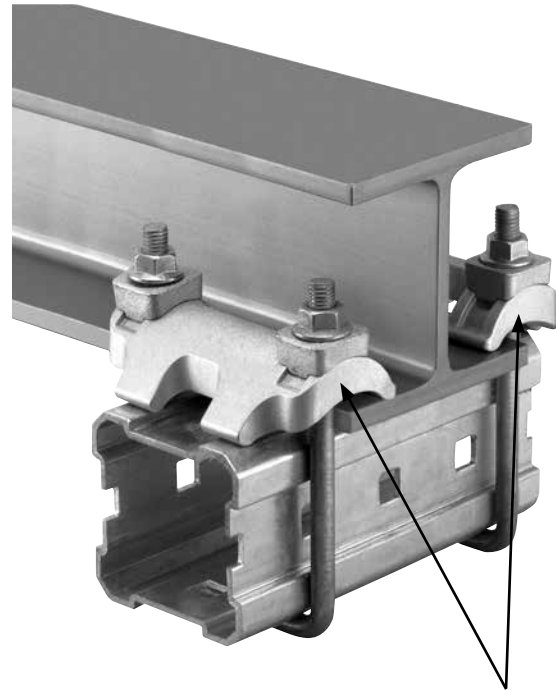
MI-DGC Beam clamp for direct connection to steel beam

Advantages

- For steel beams with flange thicknesses from 1/8" to 1-7/16" (3 to 36 mm) and flange angle of up to 15°
- Corrosion protection of steel beam is not damaged by beam clamp
- Beam clamp is equipped with self-locking nuts

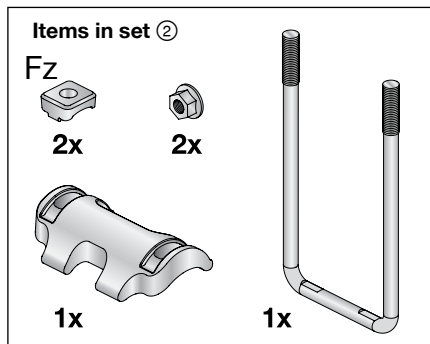
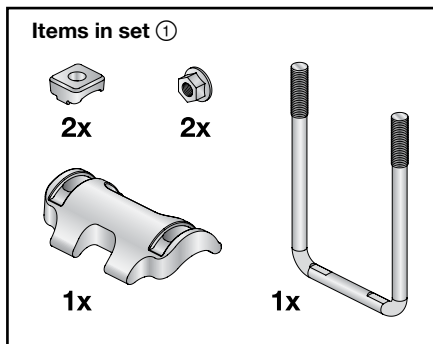
Material Specifications

| | |
|--------------------|-------------------------------------|
| Material | Malleable cast iron |
| Galvanizing | Hot-dip galvanized 2.2 mils (55 µm) |
| U-bolt | M12, 8.8 grade |



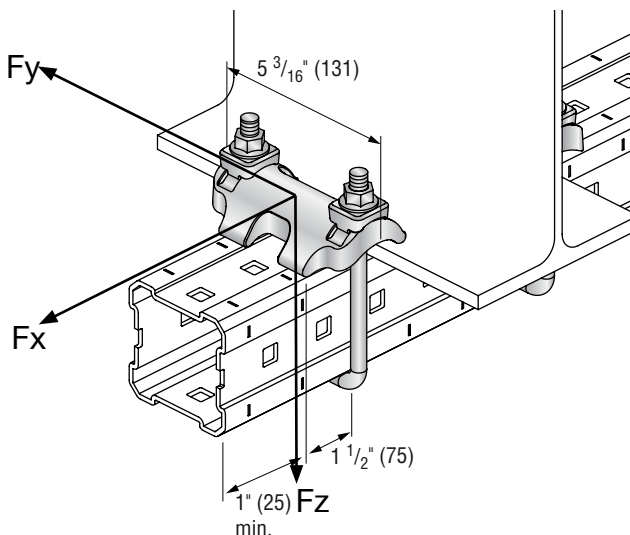
Ordering Information

| Description | For Girder Type | Weight Per Set lb (kg) | Qty | Item No. |
|---------------------|-----------------|------------------------|-----|----------|
| MI-DGC 90 ① | MI-90 | 7.5 (3.4) | 4 | 233860 |
| MI-DGC 120 ② | MI-120 | 8.0 (3.6) | 4 | 233861 |



Note: For U-bolt dimensions see MIA-BO90 and BO120 items 304840 and 304841 respectively, see page 68.

Technical Data



Allowable loads¹

| ± Fx (lb) | ± Fy (lb) | ± Fz (lb) |
|-----------|-----------|-----------|
| 1010 | 1010 | 3900 |

- 1 All loads apply to 1 pair. Beam clamps must always be used in pairs positioned on opposite sides of the flange as shown above.
- 2 The U-bolt must be positioned against the flange of the steel beam.
- 3 Tightening torque 62 ft-lb.