

3.4 MI Components, Allowable Load Data and Specifications

MI-SGC-M12 Beam clamp

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 nut

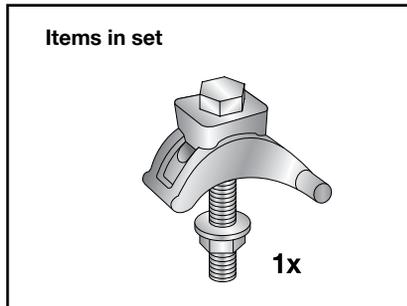


Material Specifications

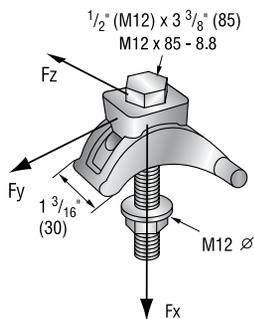
Material	Malleable cast iron
Galvanizing	Hot-dip galvanized 2.2 mils (55 µm)
Screw	M12, 8.8 grade

Ordering Information

Description	For Girder Type	Weight Per Set lb (kg)	Qty	Item No.
MI-SGC M12	MI-90/MI-120	0.8 (0.4)	16	233859



Technical Data MI-SGC-M12



Allowable loads^{1, 2, 3, 4}

± Fx (lb)	± Fy (lb)	± Fz (lb)
1290	275	275

- 1 All loads apply to 1 beam clamp
- 2 The screw must be positioned against the flange of the steel beam and the wider side of the beam clamp on the base plate of the MI connector
- 3 Beam clamps must always be used in pairs, positioned on opposite sides of the beam flange
- 4 Tightening torque = 62 ft-lb