

3.4 MI Components, Allowable Load Data and Specifications

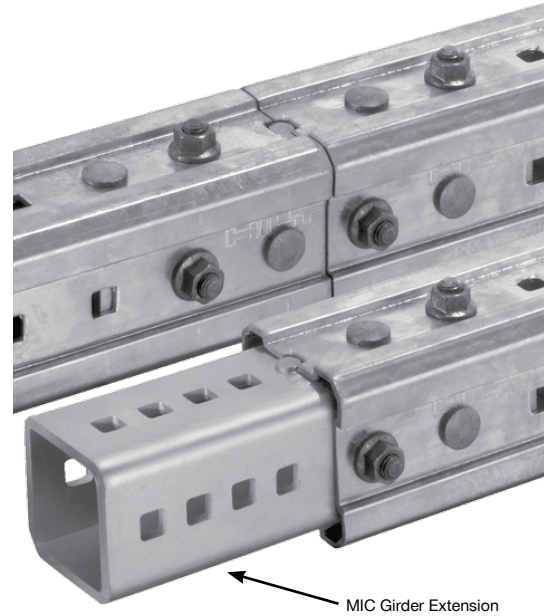
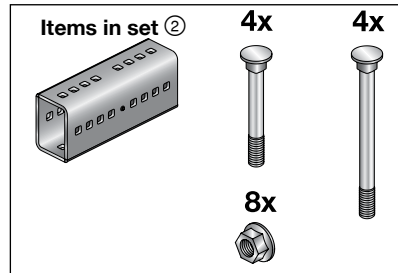
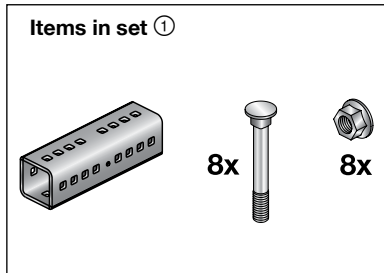
MIC-90 / 120-E Girder extension

Material Specifications

| | |
|--------------------|---|
| Material | S235 JRG2 (DIN 10025), ASTM A1011 (34) |
| Galvanizing | Hot-dip galvanized 2.2 mils (55 µm) DIN EN ISO 1461, ASTM A153 |

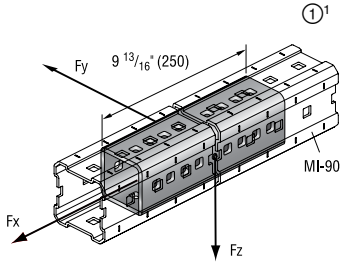
Ordering Information

| Description | For Girder Type | Weight Per Set lb (kg) | Qty | Item No. |
|--------------------|-----------------|------------------------|-----|----------|
| MIC-90-E ① | MI-90 | 7.8 (3.5) | 2 | 304809 |
| MIC-120-E ② | MI-120 | 9.5 (4.3) | 2 | 304810 |

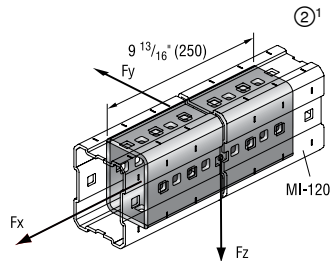


Technical Data

MIC-90-E MI-90 extension



MIC-120-E MI-120 extension



Allowable loads

| ± Fx (lb) | ± Fy (lb) | ± Fz (lb) | ± Mx (ft-lb) | ± My (ft-lb) | ± Mz (ft-lb) |
|-----------|-----------|-----------|--------------|--------------|--------------|
| 15920 | 7960 | 7960 | 1880 | 940 | 940 |

Allowable loads

| ± Fx (lb) | ± Fy (lb) | ± Fz (lb) | ± Mx (ft-lb) | ± My (ft-lb) | ± Mz (ft-lb) |
|-----------|-----------|-----------|--------------|--------------|--------------|
| 18210 | 9120 | 9120 | 3020 | 1510 | 1075 |

- 1 The end of each girder extension must be fastened with 4 bolts inserted perpendicular each direction as shown below.
- 2 Ends of girder must be cut through the center of a square hole.

Assembly Instructions for use of MIC-90-E / MIC-120-E²

