

4.2 MQ System Components — Load Data and Material Specifications

Strut beam clamps

Product Features

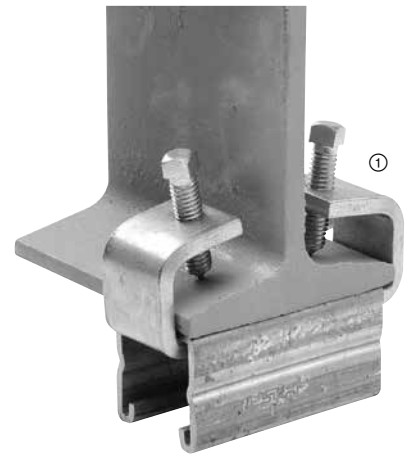
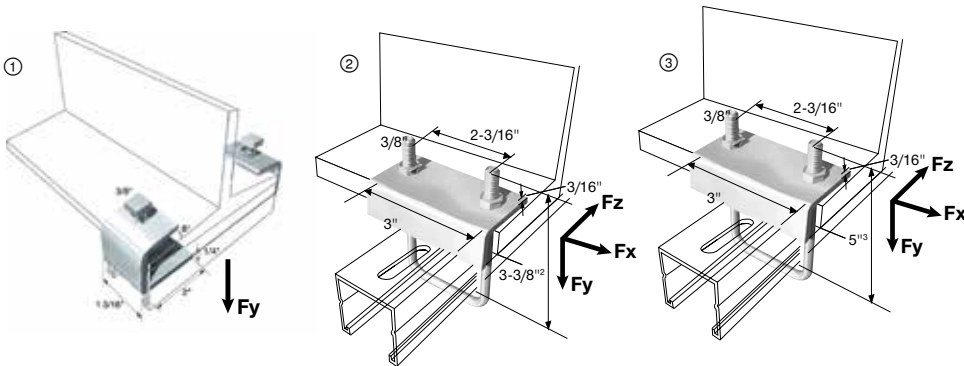
- For fastening strut to steel beams
- Always use strut beam clamps in pairs, positioned on opposite sides of the beam flange

Material Specifications

Material	Carbon steel Stainless Steel 1.4404 (316 L)
Material thickness	3/16" (4 mm)
Finish	Hot-dipped galvanized, min. 2.2 mil (55 µm), DIN EN ISO 1461, ASTM A153 Electro-galvanized

Ordering Information

Description	Dia	Qty	Item No.
BC-A Beam Clamp Assembly	① -	25	306570
SBC 1-5/8" Strut Beam Clamp	② 3/8"	25	258316
SBC 2-7/16" to 3-1/4" Strut Beam Clamp	③ 3/8"	25	314330
MQT-21-41-F Beam Clamp (HDG) (13/16" to 1-5/8" strut depth)	M8	10	304190
MQT-21-41-R Beam Clamp (SS316) (13/16" to 1-5/8" strut depth)	M8	10	304067
MQT-41-82-R Beam Clamp (SS316) (1-5/8" to 3-1/4" strut depth)	M10	10	304068



② shown
③ similar

Technical Data Allowable Loads¹ per Pair

Description	Fy (lb) per pair	Fx (lb) per pair	Fz (lb) per pair	Tightening torque (ft-lb)	
BC-A	1100	-	-	min. 5	max. 7.5
SBC 1-5/8"	1200	415	330	15	
SBC 2-7/16"	1200	415	330	15	
MQT-21-41	1350	120	120	7.4	
MQT-41-82	1800	200	200	15	

1 Based on a safety factor of 3.
2 Maximum beam flange thickness = 2-1/4" ± 1/16" minus strut height.
3 Maximum beam flange thickness = 3-7/8" ± 1/16" minus strut height.