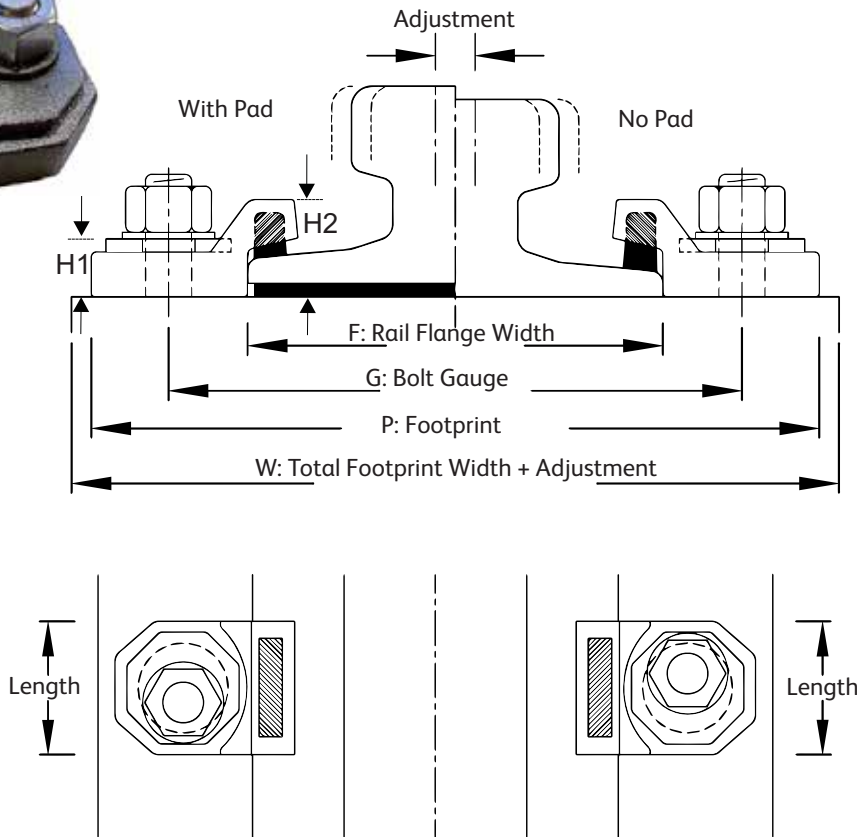


CLX20

CRANE RAIL CLIPS | Self Locking Cam Adjustment



Features

Patented system of rubber pressure block installation prevents the escape of the pressure block from the rail clip during the life of the installation.

Typically the clip is installed with grade 8.8 or 10.9 bolts, with threads in the shear plane, in single shear. The connection for this clip is designed as a bearing connection and not as a friction connection.

Adjustment by a Molyneux self-locking cam system.

Product Guarantees

Molyneux guarantees the rubber pressure block will not fall off the rail clip top during the life of the installation.

With only 35Nm applied to the nut, the cam is locked and will not rotate even if the cam and body are soaked with oil and grease. This is a guarantee of quality and not the recommended torque.

MECHANICAL PROPERTIES

Popular Rails please insert rail size where indicated ***	Clip Type		Bolt Diameter Grade dependent upon connection design	Adjustment	Lateral Resistance (dependent upon connection design)
	No Pad	Pad			
A150 A120 A100 A75 A65 175CR 135CR 105CR 104CR	***/CLX20	***/CLX20/P	M20	20mm (+/-10mm)	98 kN

CLIP INFORMATION

Clip	Height	Footprint	G	Length	Weight (clip only)
CLX20	H1 = 26mm H2 = 51mm	F+(2 x 70mm)	F+(2 x 38mm)	65mm	0.68kg

CLX20

CRANE RAIL CLIPS | Self Locking Cam Adjustment

CLX20 RAIL CLIP CHART

Rail	Flange Width	Bolt Gauge	Footprint	Footprint + Adjustment	Rail Clip	
	F (mm)	G F+(2 x 38mm)	P F+(2 x 70mm)	W P+ (2 x 10mm)	No Pad	With Pad
American Rails						
175CR	152.4	228.4	292.4	312.4	175CR/CLX20	175CR/CLX20/P
171CR	152.4	228.4	292.4	312.4	171CR/CLX20	171CR/CLX20/P
135CR	131.8	207.8	271.8	291.8	135CR/CLX20	135CR/CLX20/P
105CR	131.8	207.8	271.8	291.8	105CR/CLX20	105CR/CLX20/P
85 ASCE	131.8	207.8	271.8	291.8	85ASCE/CLX20	85ASCE/CLX20/P
80 ASCE	127.0	203.0	267.0	287.0	80ASCE/CLX20	80ASCE/CLX20/P
Metric Rails						
A45	125	201.0	265.0	285.0	A45/CLX20	A45/CLX20/P
A55	150	226.0	290.0	310.0	A55/CLX20	A55/CLX20/P
A65	175	251.0	315.0	335.0	A65/CLX20	A65/CLX20/P
A75	200	276.0	340.0	360.0	A75/CLX20	A75/CLX20/P
A100	200	276.0	340.0	360.0	A100/CLX20	A100/CLX20/P
A120	220	296.0	360.0	380.0	A120/CLX20	A120/CLX20/P
A150	220	296.0	360.0	380.0	A150/CLX20	A150/CLX20/P
AS68kg	152.4	228.4	292.4	312.4	AS68kg/CLX20	ASS68kg/CLX20/P
AS60kg	146	222	286	306	AS60kg/CLX20	AS60kg/CLX20/P
AS53kg	146	222	286	306	AS53kg/CLX20	AS53kg/CLX20/P
AS50kg	127	203	267	287	AS50kg/CLX20	AS50kg/CLX20/P
AS47kg	127	203	267	287	AS47kg/CLX20	AS47kg/CLX20/P
AS41kg	127	203	267	287	AS41kg/CLX20	AS41kg/CLX20/P
JIS30kg	107.95	183.95	247.95	267.95	JIS30kg/CLX20	JIS30kg/CLX20/P
JIS22kg	93.66	169.66	233.66	253.66	JIS22kg/CLX20	JIS22kg/CLX20/P
JIS15kg	79.37	155.37	219.37	239.37	JIS15kg/CLX20	JIS15kg/CLX20/P
JIS10kg	66.67	142.67	206.67	226.67	JIS10kg/CLX20	JIS10kg/CLX20/P

For other rails please consult Molyneux. Prior to any fabrication and installation please re-check the rail, clip and any set-up dimensions in case of errors in any provided tabulated information.

INSTALLATION INSTRUCTIONS & TECHNICAL NOTES

Rail clips should be installed in opposing pairs along the rail. This rail clip is designed to accept gun welded studs because of weld clearance issues. Molyneux offers a large series of rail clips that accept fillet welded studs with the required weld clearances. Nut torque: Because of the inherent efficiencies of the cam adjustment mechanism it is not necessary to develop large loads in the bolt for this rail clip to develop its full lateral capacity, consequently we recommend a torque of 175 N-m for all M20 bolt grades, which allows the shear capacity of the bolts to be fully developed. Note: Consult Molyneux for full instructions for standard or custom installations.