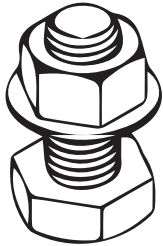
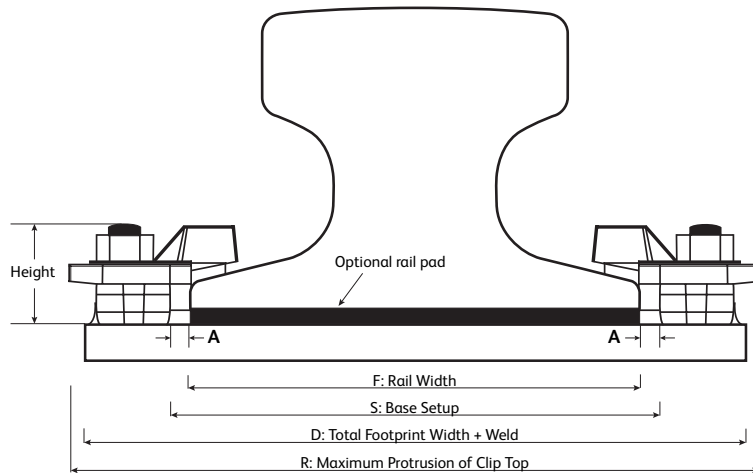


M120

CRANE RAIL CLIPS | Weldable & Interlocking Adjustment



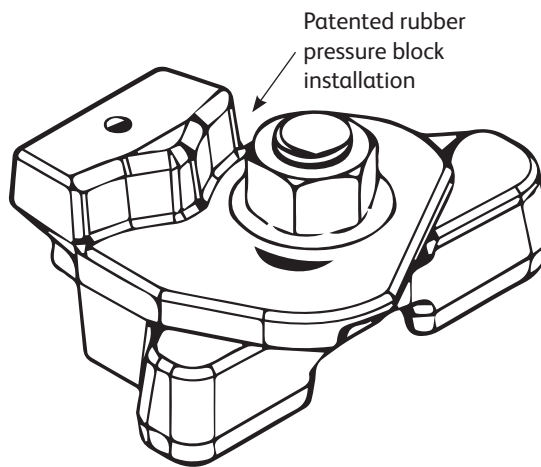
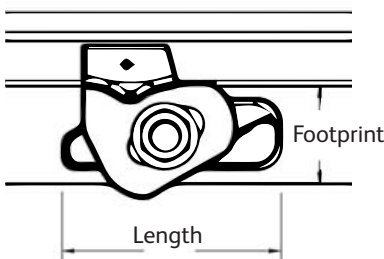
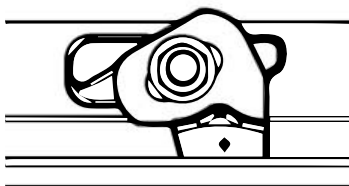
Installation with standard M16 class 10.9 heavy hex head structural bolt



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.

The clip bolted system is installed with a standard M16 class 10.9 heavy hex head structural bolt torqued to 200 Nm.



MECHANICAL PROPERTIES

Rail please insert rail size where indicated ***	Clip Type		Bolt Diameter 10.9 heavy hex head bolt	Adjustment	Lateral Resistance
	No Pad	Pad			
A150 A120 A100 A75 A65	M120/**	M120/**/P	M16	13mm	120 kN
MRS87 MRS86 MRS67 MRS51	M120/**	M120/**/P	M16	13mm	120 kN

CLIP DIMENSIONS

Clip	Height	Footprint	A	Length
M120	51mm	51mm	6mm	110mm

M120

CRANE RAIL CLIPS | Tightening Interlocking Adjustment

M120 RAIL CLIP CHART						
Rail	Flange Width	Base Setup	Footprint + Weld	Protrusion	Rail Clip	
	F (mm)	S F+(2 x 6mm)	D F+(2 x 51mm)	R F+ (2 x 69mm)	No Pad	With Pad
American Rails						
175CR	152.4	164	254	290	M120/175CR	M120/175CR/P
171CR	152.4	164	254	290	M120/175CR	M120/175CR/P
135CR	131.8	144	234	270	M120/135CR	M120/135CR/P
105CR	131.8	144	234	270	M120/105CR	M120/105CR/P
104CR	127.0	139	229	265	M120/104CR	M120/104CR/P
85 ASCE	131.8	144	234	270	M120/85ASCE	M120/85ASCE/P
80 ASCE	127.0	139	229	265	M120/80ASCE	M120/80ASCE/P
Metric Rails						
A150	220	232	322	358	M120/A150	M120/A150/P
A120	220	232	322	358	M120/A120	M120/A120/P
A100	200	212	302	338	M120/A100	M120/A100/P
A75	200	212	302	338	M120/A75	M120/A75/P
A65	175	187	277	313	M120/A65	M120/A65/P
A55	150	162	252	288	M120/A55	M120/A55/P
A45	125	137	227	263	M120/A45	M120/A45/P
86kg	165	177	267	303	M120/86kg	M120/86kg/P
73kg	146	158	248	284	M120/73kg	M120/73kg/P
68kg	152.4	164	254	290	M120/68kg	M120/68kg/P
60kg	146	158	248	284	M120/60kg	M120/60kg/P
53kg	146	158	248	284	M120/53kg	M120/53kg/P
50kg	127	139	229	265	M120/50kg	M120/50kg/P
47kg	127	139	229	265	M120/47kg	M120/47kg/P
41kg	127	139	229	265	M120/41kg	M120/41kg/P

For other rails please consult Molyneaux. 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. The rail clip has a weldable forged steel base compatible for welding to standard structural steels. The upper rail clip component is manufactured from ductile iron. The vulcanized rubber pressure block is captured within a patented deep metal pocket which is guaranteed, once installed against the rail flange, will not escape from the clip upper component. The adjustment mechanism is a 30 degree angled slot in the upper rail clip component which generates a 2:1 mechanical advantage, while the inclined plane of the mating clip surfaces provides a wedging and locking action. Welding: Generally, a 5mm weld is recommended along the front (the side closest to the rail) and along the 300 slope of the base (to allow for the clearance of the top to slide relative to the base), with an 8mm weld along the balance of the base. Weld must allow for bolt installation. Please consult Molyneux for the weld design.