

The THRAIL-HS1208 through-bolted clips (punched clips) are more convenient and efficient in installation. They are more economical in cost than welded clips. THRAIL-HS1208 adjustable rail fixing clip is specially designed for light rails. Its greatest advantage is

that it has a very low height after installation and it can help to fix the rail on the narrowest steel girder. It can not only minimize installation cost, but also meet all usages of the cranes with horizontal guide rollers.

### SPECIFICATIONS

Max side load using grade 8.8 bolt 13kN

8mm horizontal rail adjustment

### DIMENSIONS (mm)

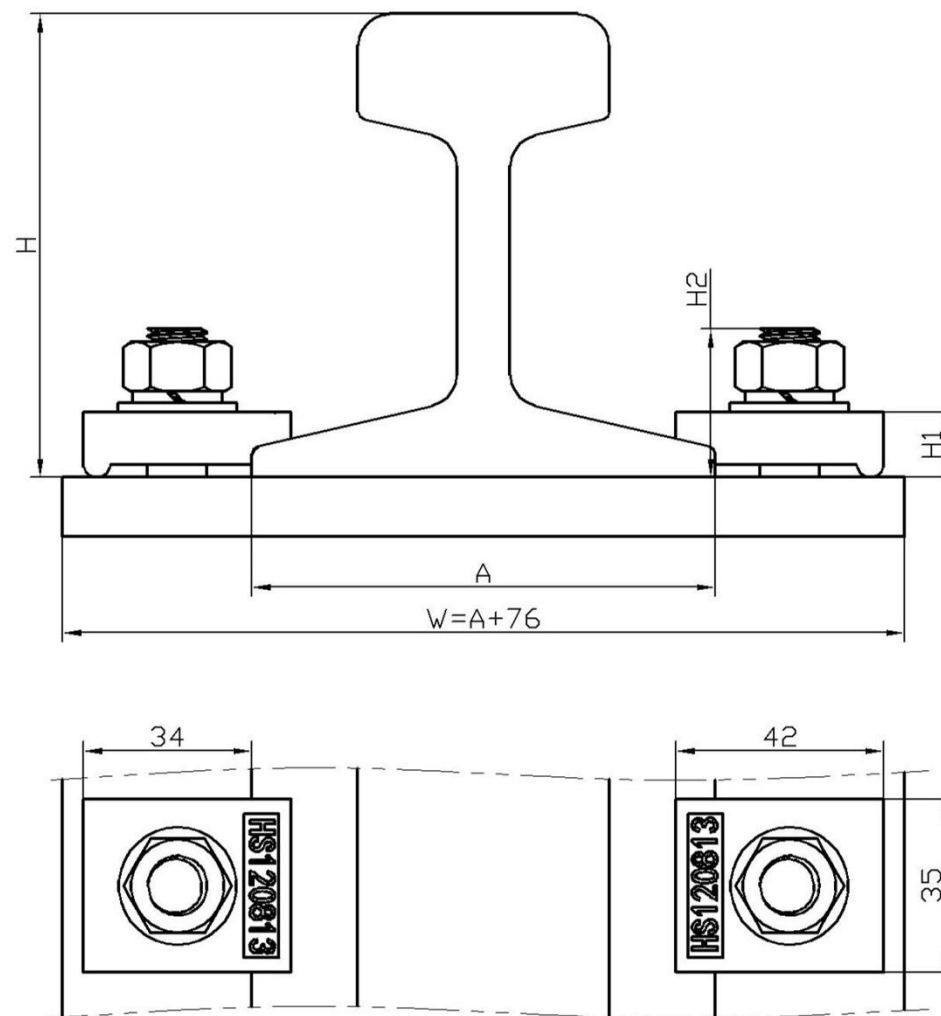
TYPE	H1	H2	WEIGHT
THRAIL-HS1208/10	13	30	0.1kg
THRAIL-HS1208/13	13	30	0.1kg

### PRODUCT PERFORMANCE

1. It can be used for all kinds of cranes with or without guide rollers.
2. It provides a optimal installation size. More over, it provides a great deal of convenience for rail installation and adjustment of the rail lateral movement.

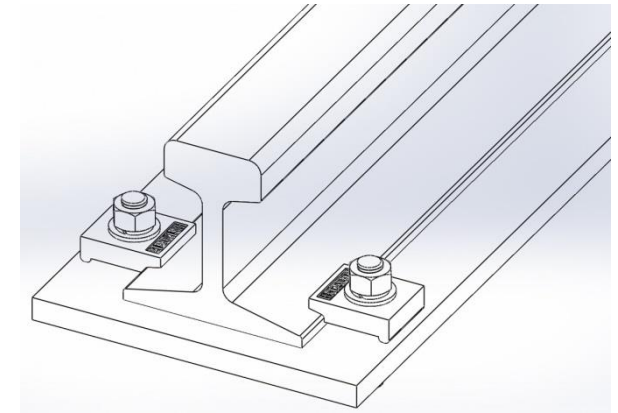
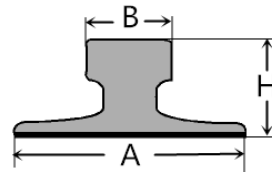
### RAIL WITHOUT PAD

### Installation diagram

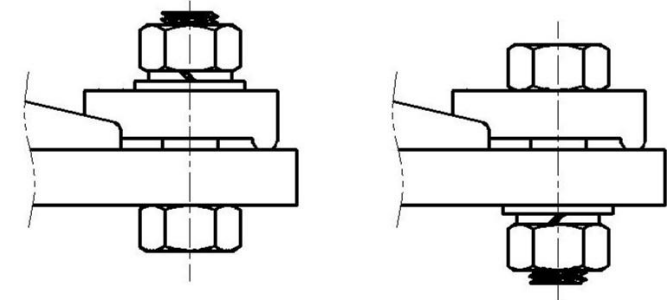


Minimum assembly width  
 $W = \text{Rail width (A)} + 76\text{mm}$

This clip can be used for a wider selection of rails than illustrated. Please contact THRAIL for the full range of possible rails. All rails can be fastened with bolted or welded base clips. THRAIL may change or improve their products and also alter specifications without notice.



RAIL TYPE	A mm	B mm	H mm	RAIL WITH PAD	RAIL WITHOUT PAD
6kg/m	50.8	25.4	50.8	-	THRAIL-HS1208/10
8kg/m	54	25	65	-	THRAIL-HS1208/10
9kg/m	63.5	32.1	63.5	-	THRAIL-HS1208/10
12kg/m	69.85	38.1	69.85	-	THRAIL-HS1208/10
15kg/m	80	43	80	-	THRAIL-HS1208/13
18 kg/m	80	40	90	-	THRAIL-HS1208/13
22 kg/m	94	50	94	-	THRAIL-HS1208/13
24 kg/m	92	107	51	-	THRAIL-HS1208/13
30 kg/m	108	60	107	-	THRAIL-HS1208/13
A45	125	45	55	-	THRAIL-HS1208/13
A55	150	55	65	-	THRAIL-HS1208/13
S30	108	60	108	-	THRAIL-HS1208/13
S33	105	58	134	-	THRAIL-HS1208/13
ISCR60	105	60	105	-	THRAIL-HS1208/13
BS50'0'	100	52	100	-	THRAIL-HS1208/13
AFNOR26	100	50	110	-	THRAIL-HS1208/13
AFNOR30	106	56	126	-	THRAIL-HS1208/13
ASCE60	108	60	108	-	THRAIL-HS1208/13
ISCOR22	95	50	95	-	THRAIL-HS1208/13
ISCOR30	110	57	110	-	THRAIL-HS1208/13
31kgAS	108	64	118	-	THRAIL-HS1208/13



### INSTALLATION INSTRUCTIONS

The hexagon headed fixing bolt can be inserted from above or below the supporting structure – see adjacent configurations.

If it is desired to fix the clip with a welded stud, this may be possible. Please consult THRAIL for guidance.

### TIGHTENING TORQUE

Grade 8.8 bolt 100Nm

Please contact THRAIL for full installation instructions.