

THRAIL-TS1210/28 through-bolted clips (punched clips) are more convenient and efficient in installation. They are more economical in cost than welded clips. THRAIL-TS1210/28 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 21kN

10mm horizontal rail adjustment

DIMENSIONS (mm)

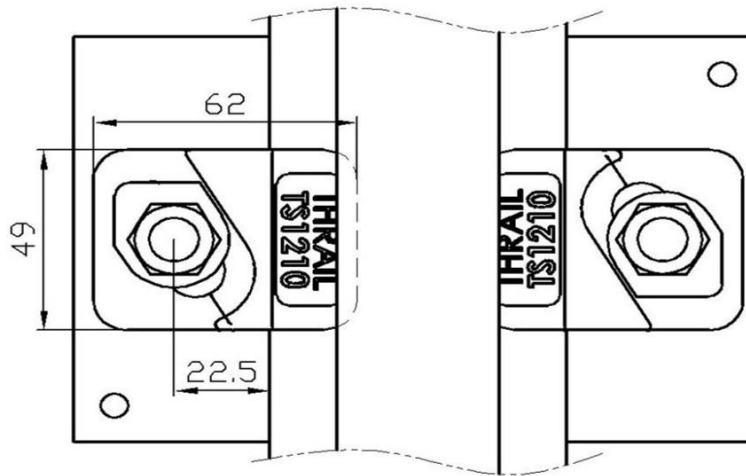
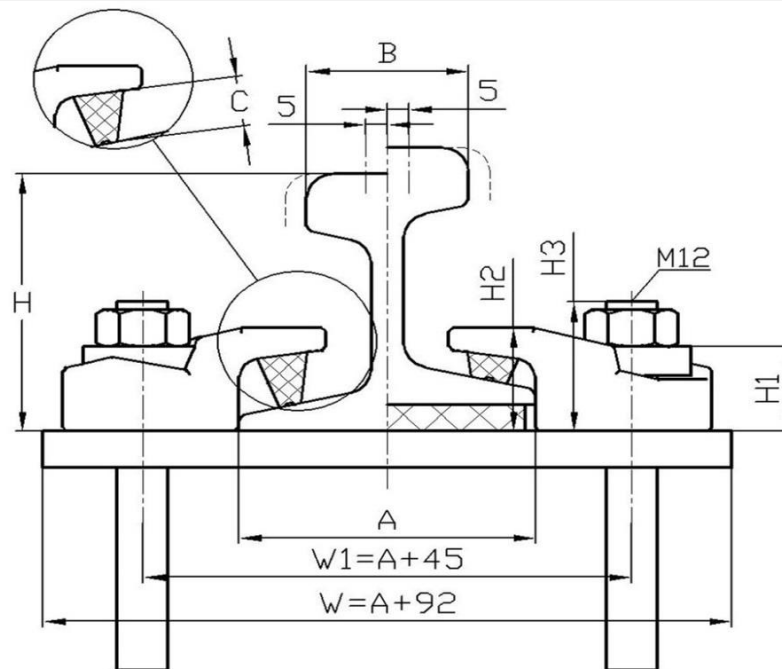
TYPE	H1	H2	H3	WEIGHT
TS1210/28	23	28	35	0.3kg
C (Rubber block thickness)	C1	RAIL WITH PAD		14mm
	C2	RAIL WITHOUT PAD		21mm

PRODUCT PERFORMANCE

1. It can be used for all kinds of cranes with or without guide rollers.
2. THRAIL rail clip is equipped with vulcanized integral rubber blocks. It can help reduce noise greatly and improve working environment while fastening rails.
3. The rail fixing clip has a self-locking mechanism which makes the clip locked automatically by the pitched clip cap and weldable base with wedge structure theory.
4. It provides an optimal installation size.
5. Rail fixing clip with vulcanized rubber blocks helps control the deviation between rail and crane girder. Moreover, it provides a great deal of convenience for rail installation and adjustment of the rail lateral movement.

RAIL WITHOUT PAD

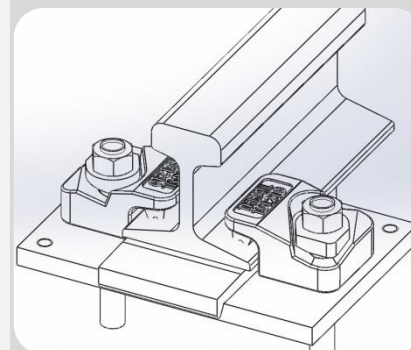
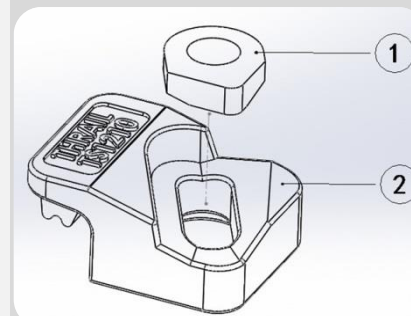
RAIL WITH PAD



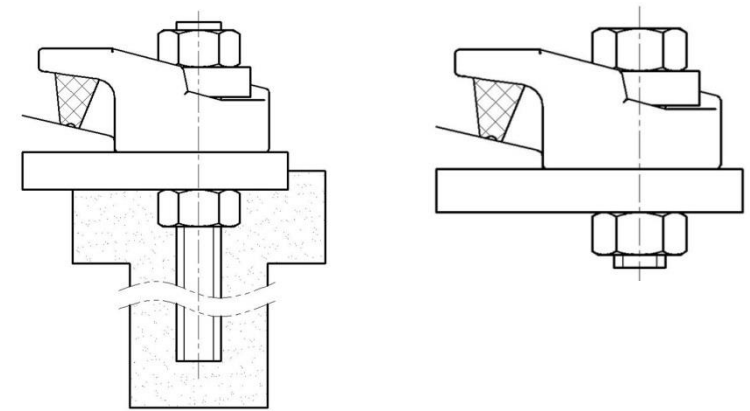
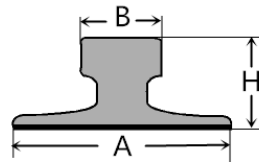
Minimum assembly width - W = Rail width (A) + 92mm

COMPONENTS

1. Special washer
2. Clip with integral rubber block



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
9kg	64	32	64	TS1210/28(C1)	TS1210/28(C2)
12kg	70	43	70	TS1210/28(C1)	TS1210/28(C2)
15kg	80	43	80	TS1210/28(C1)	TS1210/28(C2)
22kg	94	51	94	TS1210/28(C1)	TS1210/28(C2)
A45	125	45	55	TS1210/28(C1)	TS1210/28(C2)
S7	50	25	65	TS1210/28(C1)	TS1210/28(C2)
S10	58	32	70	TS1210/28(C1)	TS1210/28(C2)
S14	70	38	80	TS1210/28(C1)	TS1210/28(C2)
S18	82	43	92	TS1210/28(C1)	TS1210/28(C2)
S20	82	44	100	TS1210/28(C1)	TS1210/28(C2)
S24	90	53	115	TS1210/28(C1)	TS1210/28(C2)
ASCE30	79	43	79	TS1210/28(C1)	TS1210/28(C2)
ASCE40	89	48	89	TS1210/28(C1)	TS1210/28(C2)
ISCOR22	95	50	95	TS1210/28(C1)	TS1210/28(C2)
JIS12	70	38	70	TS1210/28(C1)	TS1210/28(C2)
JIS15	79	43	79	TS1210/28(C1)	TS1210/28(C2)
JIS22	94	51	94	TS1210/28(C1)	TS1210/28(C2)
15kgBHP	79	43	79	TS1210/28(C1)	TS1210/28(C2)
22kgBHP	94	51	94	TS1210/28(C1)	TS1210/28(C2)

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 available. Please consult THRAIL for guidance.

TIGHTENING TORQUE

Grade 8.8 bolt 85Nm

Please contact THRAIL for full installation instructions.

POSITIONING OF SPECIAL WASHER

