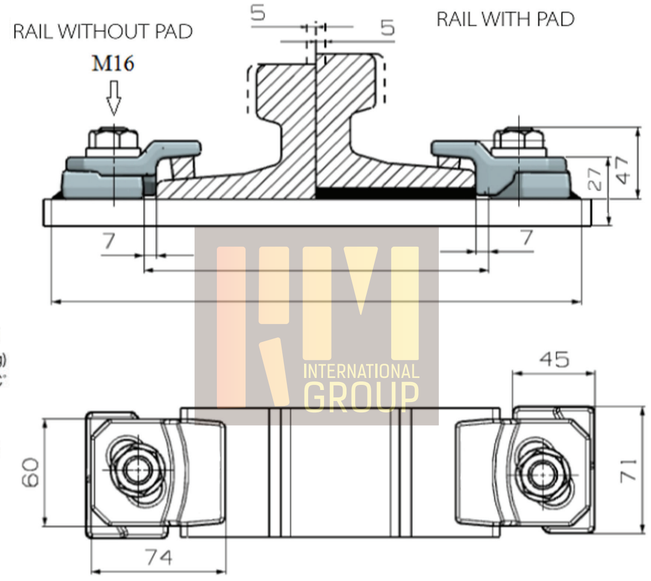
RM 001
WELDED RAIL CLIPS

TECHNICAL SPECIFICATIONS

Max side load 70 KN
Lateral adjustmen 7
Bolt M16 gr 8.8
Torque tightening 175 Nm
Steel Quality St52-3

SPECIFICATIONS

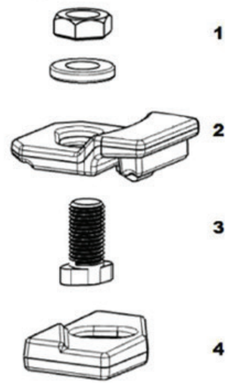
Shore	75 ± 5
Maximum Tensile Strength	12,7 N / mm²
Elongation	255% (200% after aging)
Working Temperature	-30° – +110 C°
Vibration Reduction	45% - 50%
Noise Reduction (dbA)	12%
Permanent Set	<5% (<20%)



CLIPS NO.	TORQUE TIGHTENING	SIDE LOAD	WEIGHT KG
RM 001	175 Nm	70 KN	0,720
RM 001 P			0,700

APPLICATIONS

The fastening system RM 001 for indirecting fixing has been studied specifically for crane rail but it can be used with good results also with train rails.
It is a very rugged, reliable fastening system of contained dimensions.
It can be used with any type of crane independently of the driving system.



1. Flange nut M16
2. Upper clip with rubber nose
3. Special screw M16
4. Weldable lower clip

RM RAIL FASTENING SYSTEMS

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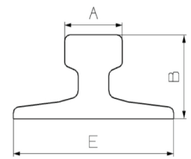
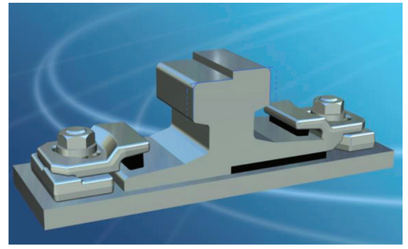
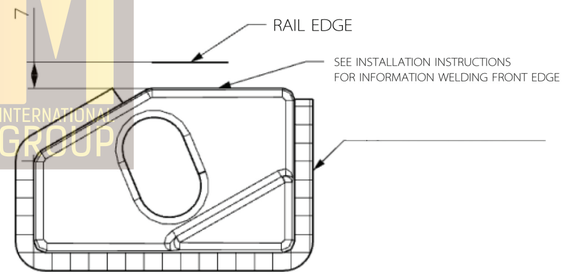
Clip can be with more type of rails than those listed.

RAIL TYPE	A	B	E	WEIGHT KG/M	WITHOUT PAD	WITH PAD
A45	45	55	125	22,1	001	001 P
A55	55	65	150	31,8	001	001 P
A65	65	75	175	43,1	001	001 P
CR 104	63,5	127	127	51,59	001	001 P
CR 105	65,1	131,8	131,8	52,09	001	001 P
CR 135	76,2	146	131,8	66,97	001	001 P
S 24	53	115	90	24,43	001	001 P
25 KG/M	50	115	90	25	001	001 P
S 26 (ANFOR 26)	50	110	10	26,27	001	001 P
27 E1 (27 UNI)	50	120	95	27,06	001	001 P
ANFOR 30	56	125,5	106	29,98	001	001 P
30 E1 (S 30)	60,3	108	108	30,13	001	001 P
33 E1 (S 33)	58	134	105	33,47	001	001 P
36 E1 (36 UNI)	60	130	100	36,26	001	001 P
40 E1 (S41-R14)	67	138	125	40,95	001	001 P
46 E4	65	145	135	46,9	001	001 P
49 E1	67	149	125	49,39	001	001 P
54 E1	70	159	140	54,77	001	001 P
60E1	72	172	150	60,21	001	001 P





WELDING DETAILS



Main features:
* Elastic fastening of rails with or without pad;
* System made up of two interacting elements which allow an easy lateral adjustment of the rail; * The two parts of the clip are locked together with a bolt and flunged nut;
* The elastomer nose increases the tolerances of the rail-support structure, reduces the stress of the connections, allows a better fixing of the rail;
* Welding of the lower part of the clip to the rail support without access difficultles;
* The fastening system has been used for years throughout the world in the most demanding conditions with great success.

INSTALLATION INSTRUCTIONS:

Weld all round the clip base, except the side closest and parallel to the rail, with a 4mm throat thickness fillet weld, using low hydrogen electrodes. Recommended electrodes AWS E7018 or E7028. Clip base is made from weldable grade steel.