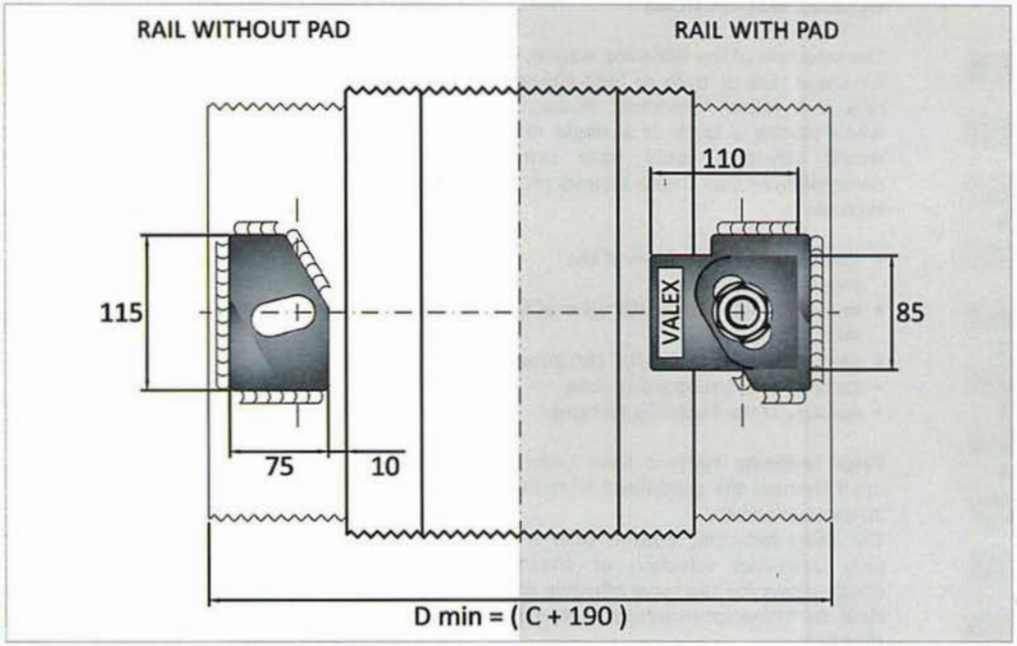
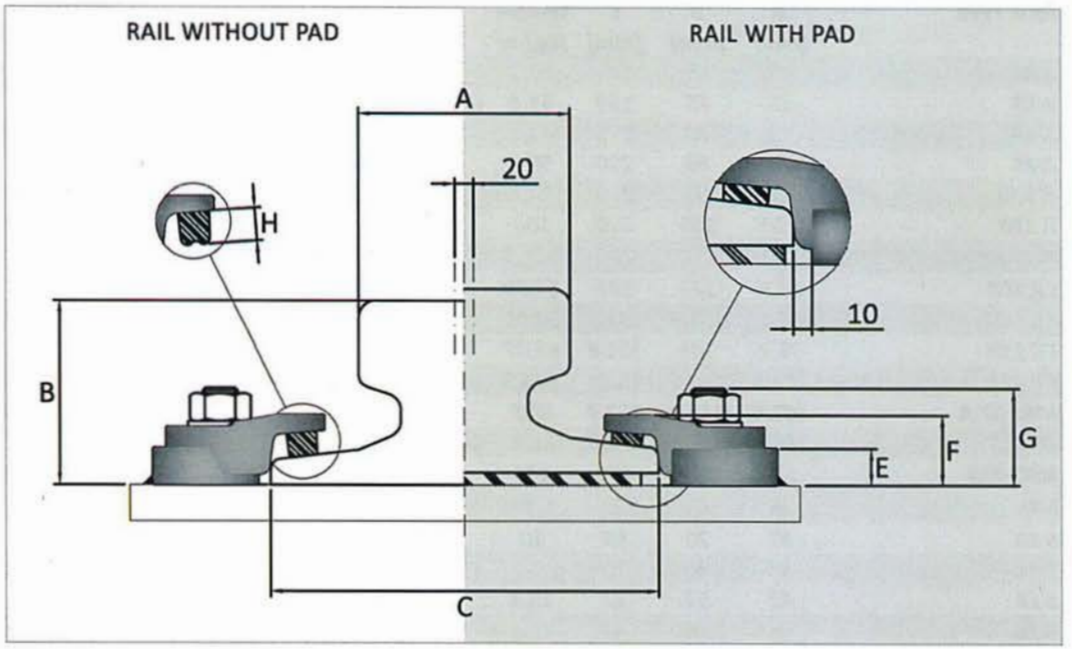




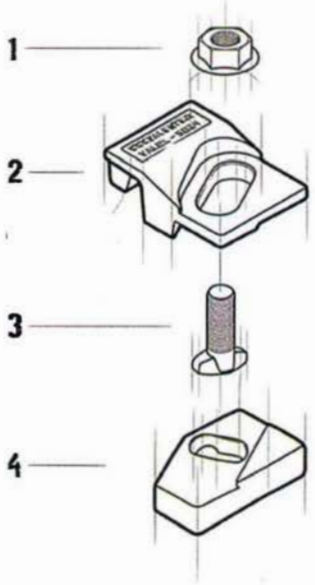
FEATURES

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 difficulties;
- the fastening system has been used for years throughout the world in the most demanding conditions with great success.

COMPONENTS

1 Flanged nut M24
2 Upper clip with vulcanized rubber nose
3 Special screw M24
4 Weldable lower clip



APPLICATIONS

The fastening system Valex 5024 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.

Dimensions [mm]	*E*	*F*	*G*	*H*	*L*	*L1*	*L2*	*M*	*N*	*O*	*P*	*Weight [g]*
VALEX 5024-40-11	23	40	68	19	-	-	-	-	-	-	-	2320
VALEX 5024-40-16	23	40	68	14	-	-	-	-	-	-	-	2310
VALEX 5024-40-19	23	40	68	11	-	-	-	-	-	-	-	2305
VALEX 5024-42-13	25	42	68	19	-	-	-	-	-	-	-	2380
VALEX 5024-42-18	25	42	68	14	-	-	-	-	-	-	-	2370
VALEX 5024-42-21	25	42	68	11	-	-	-	-	-	-	-	2365
VALEX 5024-50-21	33	50	76	19	-	-	-	-	-	-	-	2700
VALEX 5024-50-26	33	50	76	14	-	-	-	-	-	-	-	2690
VALEX 5024-50-29	33	50	76	11	-	-	-	-	-	-	-	2685

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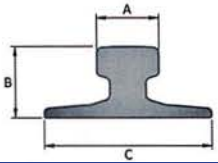
RAIL TYPE	A [mm]	B [mm]	C [mm]	Weight [kg/m]	WITHOUT PAD	WITH PAD
A 45	45	55	125	22,1	-	-
A 55	55	65	150	31,8	-	-
A 65	65	75	175	43,1	-	-
A 75	75	85	200	56,2	-	-
A 100	100	95	200	74,3	VALEX 5024-40-11	VALEX 5024-40-16
A 120	120	105	220	100	VALEX 5024-42-13	VALEX 5024-42-18
A 150	150	150	220	150,3	VALEX 5024-40-16	VALEX 5024-50-21
CR 104	63,5	127	127	51,59	-	-
CR 105	65,1	131,8	131,8	52,09	VALEX 5024-40-11	VALEX 5024-42-18
CR 135	76,2	146	131,8	66,97	VALEX 5024-42-13	VALEX 5024-42-21
CR 171	101,6	152,4	152,4	84,83	VALEX 5024-42-18	VALEX 5024-50-21
MRS 87 A	101,6	152,4	152,4	86,8	VALEX 5024-42-18	VALEX 5024-50-21
CR 175	102,4	152,4	152,4	86,8	VALEX 5024-42-13	VALEX 5024-42-21
MRS 125	120	180	180	125	VALEX 5024-50-21	VALEX 5024-50-29
S 7	25	65	50	6,75	-	-
S 10	32	70	58	10	-	-
S 14	38	80	70	14	-	-
S 18	43	93	82	18,3	-	-
S 20	44	100	82	19,8	-	-
S 24	53	115	90	24,43	-	-
25 kg/m	50	115	90	25	-	-
S 26 (AFNOR 26)	50	110	100	26,27	-	-
27 E1 (27 UNI)	50	120	95	27,06	-	-
AFNOR 30	56	125,5	106	29,98	-	-
30 E1 (S 30)	60,3	108	108	30,13	-	-
33 E1 (S 33)	58	134	105	33,47	-	-
36 E1 (36 UNI)	60	130	100	36,26	-	-
40 E1 (S 41-R14)	67	138	125	40,95	-	-
46 E4 (46 UNI)	65	145	135	46,9	-	-
49 E1 (S 49)	67	149	125	49,39	-	-
50 E5 (50 UNI)	67	148	135	49,9	-	-
54 E1 (UIC 54)	70	159	140	54,77	-	-
60 E1 (UIC 60)	72	172	150	60,21	VALEX 5024-40-11	VALEX 5024-40-16



GENERAL INSTRUCTIONS

The selection of the fastening system, either for crane rails or train or light (Decauville) rails is a rather important decision both when placing a track or a single rail. The wrong selection could have expensive consequences and create serious problems such as:

- slow down or shut down of the production process,
- excessive and, or irregular wear of the rails,
- damage of the mechanical components,
- damage of the supporting base,
- damage of the fastening systems.

Valex fastening systems have been developed through the experience of more than 90 years of activity.
The Valex fastening systems offer a practically unlimited selection of alternatives which allows for the most effective and efficient performance in nearly every possible situation.

ASSEMBLING INSTRUCTION

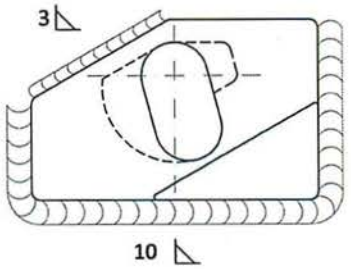
- Place the lower clip facing the rail according to the drawing at the distance indicated in the technical cards;
- Weld the two perpendicular sides of the lower clip and the external side opposite to the rail with either electrode or rod;
- Insert the screw in the lower clip;
- Place the upper clip, the washer and the nut;
- Proceed to a light tightening;
- Control the lineup of the rails;
- Complete tightening.

Electrode:
AWS A5.1-04 E7018-1
EN ISO 2560-A E42 4 B42 H5
CE EN 13479
Rod:
AWS A5.18 ER 70S-6: SG3
EN ISO 1668 W 4Si1: SG3

TECHNICAL SPECIFICATIONS

- Lateral adjustment 20 [mm]
- Side load 190 [KN]
- Torque tightening 500 [Nm]
- Welding seam thickness 10 [mm] 3 [mm] see technical drawing below
- Special bolt M24 gr 8.8
- Steel Quality S355JR

WELDING DETAILS



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