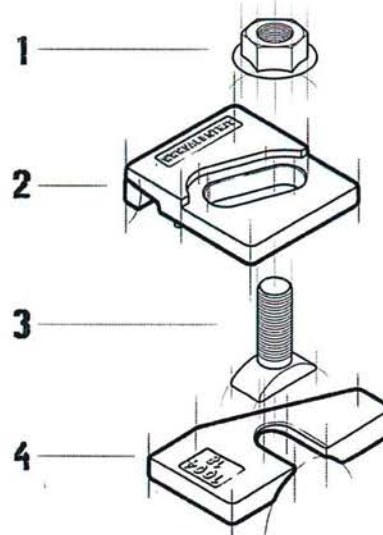


MAIN FEATURES

- Elastic fastening of rails with or without pad;
- System made up of two interacting elements which allow an easy lateral adjustment of the rail;
- Both parts of the clip are locked together with a bolt and flanged nut;
- The elastomer nose increases the tolerances of the rail-support structure, reduces the stress of the connections, and allows a better fixing of the rail;
- Lower part of the clip can be easily welded to the rail support without access difficulties;

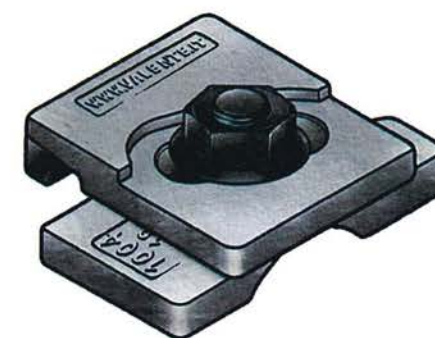
COMPONENTS

- 1 Flanged nut M16
- 2 Upper clip with vulcanized rubber nose
- 3 Special screw M16
- 4 Weldable lower clip



APPLICATIONS

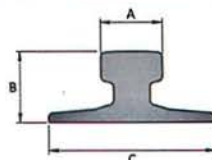
Developed initially for crane rail, The Valex 1004 fastening system for indirect fixing can be easily applied with excellent results for train and light rail. A very rugged, reliable fastening system of contained dimensions, it can be used with any type of crane independently of the driving system.



Dimensions [mm]	E	F	G	H	L	L1	L2	M	N	O	P	Weight [g]
VALEX 1004-25-14	14	27	47	12	-	-	-	-	-	-	-	805
VALEX 1004-29-18	18	31	47	12	-	-	-	-	-	-	-	905
VALEX 1004-33-22	22	35	55	12	-	-	-	-	-	-	-	1000

RAIL TYPE	A [mm]	B [mm]	C [mm]	Weight [kg/m]	WITHOUT PAD	WITH PAD
A 45	45	55	125	22,1	VALEX 1004-25-14	VALEX 1004-29-18
A 55	55	65	150	31,8	VALEX 1004-25-14	VALEX 1004-33-22
A 65	65	75	175	43,1	VALEX 1004-25-14	VALEX 1004-33-22
A 75	75	85	200	56,2	VALEX 1004-29-18	VALEX 1004-33-22
A 100	100	95	200	74,3	VALEX 1004-29-18	VALEX 1004-33-22
A 120	120	105	220	100	-	-
A 150	150	150	220	150,3	-	-
CR 104	63,5	127	127	51,59	VALEX 1004-29-18	-
CR 105	65,1	131,8	131,8	52,09	VALEX 1004-29-18	VALEX 1004-33-22
CR 135	76,2	146	131,8	66,97	VALEX 1004-29-18	-
CR 171	101,6	152,4	152,4	84,83	VALEX 1004-33-22	-
MRS 87 A	101,6	152,4	152,4	86,8	VALEX 1004-33-22	-
CR 175	102,4	152,4	152,4	86,8	VALEX 1004-29-18	-
MRS 125	120	180	180	125	-	-
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	VALEX 1004-25-14	VALEX 1004-33-22
S 20	44	100	82	19,8	VALEX 1004-25-14	VALEX 1004-33-22
S 24	53	115	90	24,43	VALEX 1004-25-14	VALEX 1004-29-18
25 kg/m	50	115	90	25	VALEX 1004-25-14	VALEX 1004-29-18
S 26 (AFNOR 26)	50	110	100	26,27	VALEX 1004-25-14	VALEX 1004-29-18
27 E1 (27 UNI)	50	120	95	27,06	VALEX 1004-25-14	VALEX 1004-29-18
AFNOR 30	56	125,5	106	29,98	VALEX 1004-25-14	VALEX 1004-29-18
30 E1 (S 30)	60,3	108	108	30,13	VALEX 1004-25-14	VALEX 1004-33-22
33 E1 (S 33)	58	134	105	33,47	VALEX 1004-25-14	VALEX 1004-33-22
36 E1 (36 UNI)	60	130	100	36,26	VALEX 1004-25-14	VALEX 1004-33-22
40 E1 (S 41-R14)	67	138	125	40,95	VALEX 1004-25-14	VALEX 1004-33-22
46 E4 (46 UNI)	65	145	135	46,9	VALEX 1004-25-14	VALEX 1004-33-22
49 E1 (S 49)	67	149	125	49,39	VALEX 1004-29-18	VALEX 1004-33-22
50 E5 (50 UNI)	67	148	135	49,9	VALEX 1004-25-14	VALEX 1004-33-22
54 E1 (UIC 54)	70	159	140	54,77	VALEX 1004-29-18	VALEX 1004-33-22
60 E1 (UIC 60)	72	172	150	60,21	VALEX 1004-25-14	VALEX 1004-33-22

Clip can be used with more rail types than those listed.
Complete range of the usable rails available on request.
Products and specifications are subject to change without previous notice.



GENERAL INSTRUCTIONS

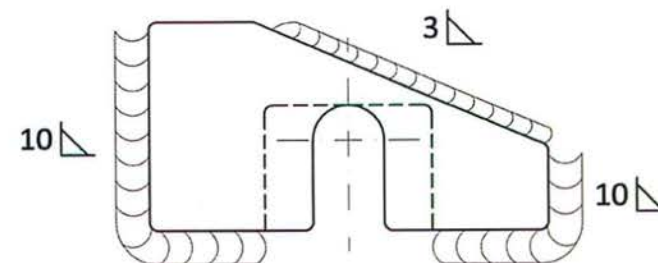
The selection of the fastening system, either for crane rails or train or light (Decauville) rails is a critical important decision both when placing a track or a single rail. The wrong selection could have expensive consequences and create serious problems such as:

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

Valex fastening systems were developed through experience accumulated over more than 90 years of activity by VALENTE SPA.

The Valex fastening system offers a practically unlimited selection of alternatives which operate in the most effective and efficient way every possible situation.

WELDING DETAILS



ASSEMBLY INSTRUCTIONS

- 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 diagonal side opposite to the rail with either electrode or rod.
- Insert the screw in the lower clip.
- Place the upper clip, flanged nut and the nut.
- Proceed to a light tightening.
- Control the lineup of the rails.
- Complete tightening.

Electrodes:

- > 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 10 [mm]
- Side load 80 [KN]
- Torque tightening 175 [Nm]
- Welding seam thickness 10 [mm] 3 [mm]
See technical drawing below
- Special Bolt M16 gr 8.8
- Steel Quality S355JR