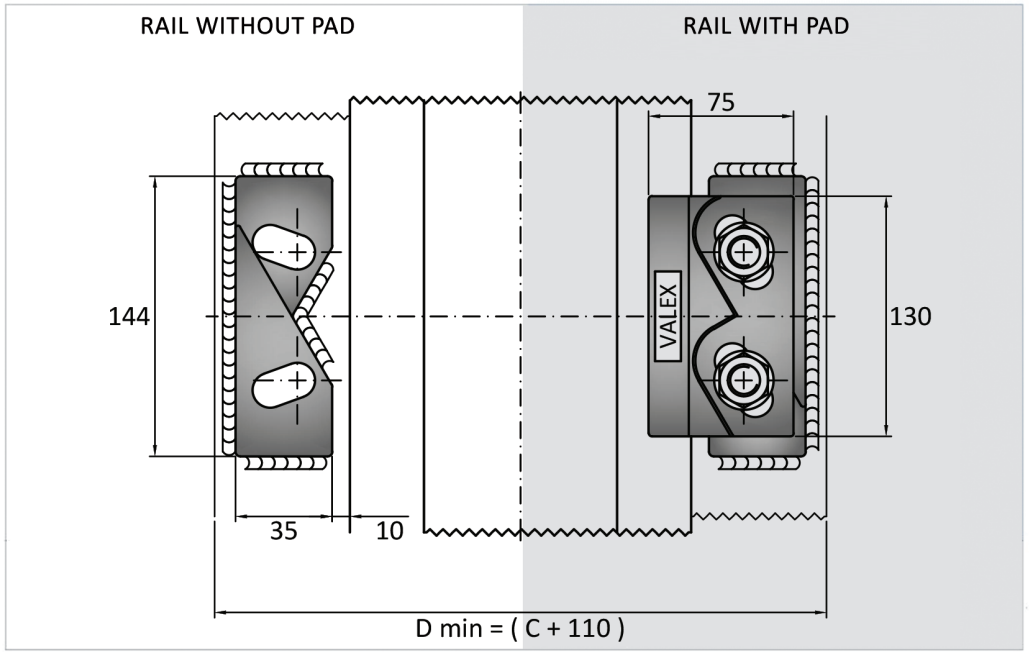
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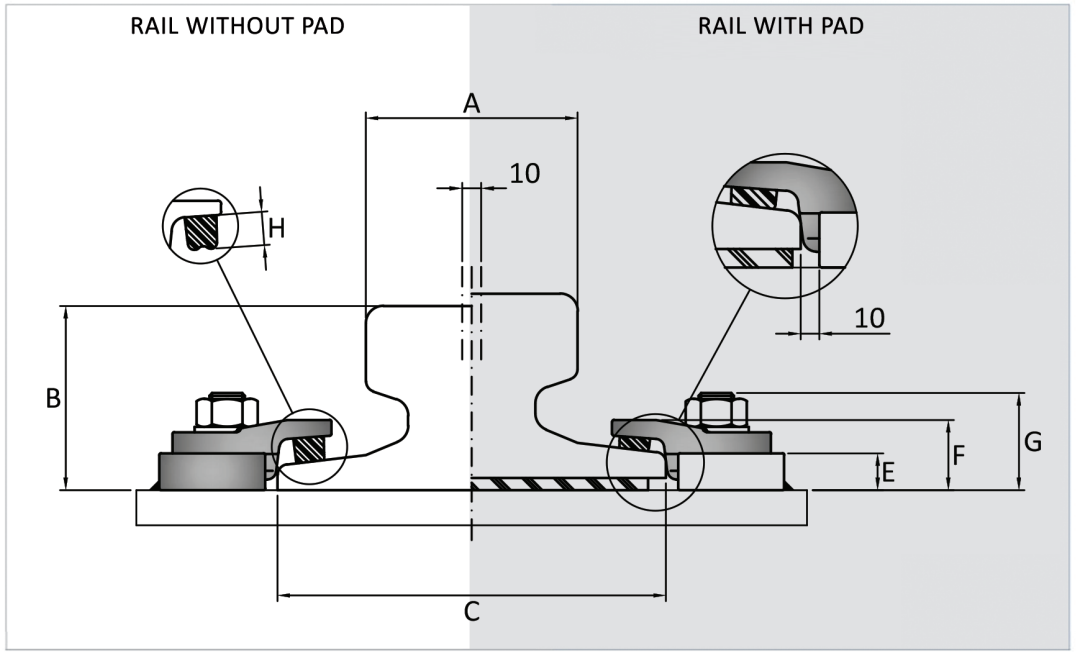
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FASTENING SYSTEMS FOR CRANE RAILS VALEX 5116



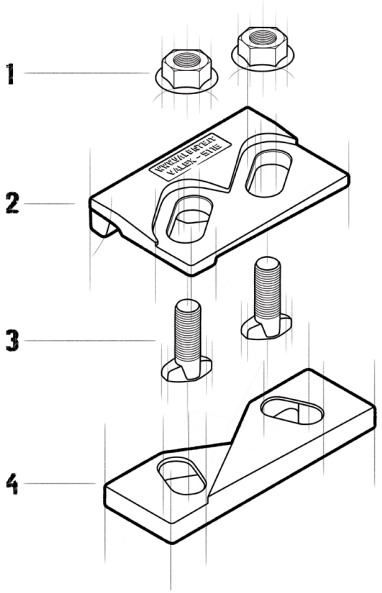


FEATURES

- Elastic fastening system for rails with or without pad.
- System made up of two interlocked elements, which allow easy clip lateral adjustment.
- System components locked together by special bolts.
- Elastomer nose increases rail-support structure tolerances, reduces connection stress, allows better rail fixing.
- System lower element easily weldable to rail support.

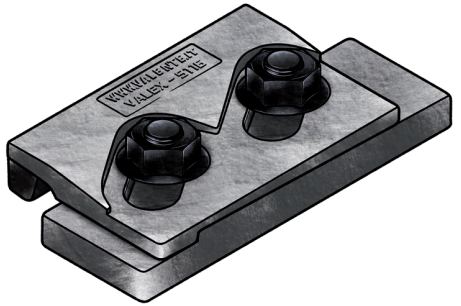
COMPONENTS PROVIDED

1 Flanged nuts M16
2 Upper clip vulcanized rubber nose
3 Special screws M16
4 Weldable lower clip



APPLICATIONS

Developed for crane rails, Valex 5116 indirect fastening system is used with excellent results, also with train and light rails.
A very rugged, reliable, contained dimensions fastening system 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 5116-32-6	14	32	45	20	-	-	-	-	-	-	-	1300
VALEX 5116-32-13	14	32	45	13	-	-	-	-	-	-	-	1280
VALEX 5116-32-16	14	32	45	10	-	-	-	-	-	-	-	1270
VALEX 5116-34-8	16	34	45	20	-	-	-	-	-	-	-	1380
VALEX 5116-34-15	16	34	45	13	-	-	-	-	-	-	-	1360
VALEX 5116-34-18	16	34	45	10	-	-	-	-	-	-	-	1350

VALENTE SPA SINCE 1919

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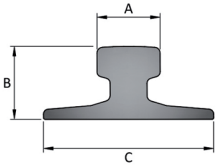
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FASTENING SYSTEMS FOR CRANE RAILS VALEX 5116

RAIL TYPE	A [mm]	B [mm]	C [mm]	Weight [kg/m]	WITHOUT PAD	WITH PAD
A 45	45	55	125	22,1	VALEX 5116-32-6	VALEX 5116-32-13
A 55	55	65	150	31,8	VALEX 5116-32-6	VALEX 5116-32-13
A 65	65	75	175	43,1	VALEX 5116-32-6	VALEX 5116-32-13
A 75	75	85	200	56,2	VALEX 5116-34-8	VALEX 5116-34-15
A 100	100	95	200	74,3	VALEX 5116-32-13	VALEX 5116-34-15
A 120	120	105	220	100	VALEX 5116-32-13	VALEX 5116-34-18
A 150	150	150	220	150,3	VALEX 5116-32-13	VALEX 5116-34-18
CR 104	63,5	127	127	51,59	VALEX 5116-34-15	VALEX 5116-34-18
CR 105	65,1	131,8	131,8	52,09	VALEX 5116-34-8	VALEX 5116-34-15
CR 135	76,2	146	131,8	66,97	VALEX 5116-32-13	VALEX 5116-34-18
CR 171	101,6	152,4	152,4	84,83	VALEX 5116-34-15	-
MRS 87 A	101,6	152,4	152,4	86,8	VALEX 5116-34-15	-
CR 175	102,4	152,4	152,4	86,8	VALEX 5116-32-13	VALEX 5116-34-18
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 5116-32-6	VALEX 5116-32-13
S 20	44	100	82	19,8	VALEX 5116-32-6	VALEX 5116-32-13
S 24	53	115	90	24,43	VALEX 5116-32-6	VALEX 5116-32-13
25 kg/m	50	115	90	25	VALEX 5116-32-6	VALEX 5116-32-13
S 26 (AFNOR 26)	50	110	100	26,27	VALEX 5116-32-6	VALEX 5116-32-13
27 E1 (27 UNI)	50	120	95	27,06	VALEX 5116-32-6	VALEX 5116-32-13
AFNOR 30	56	125,5	106	29,98	VALEX 5116-32-6	VALEX 5116-32-13
30 E1 (S 30)	60,3	108	108	30,13	VALEX 5116-32-6	VALEX 5116-32-13
33 E1 (S 33)	58	134	105	33,47	VALEX 5116-32-6	VALEX 5116-32-13
36 E1 (36 UNI)	60	130	100	36,26	VALEX 5116-34-8	VALEX 5116-34-15
40 E1 (S 41-R14)	67	138	125	40,95	VALEX 5116-34-8	VALEX 5116-32-13
46 E4 (46 UNI)	65	145	135	46,9	VALEX 5116-34-8	VALEX 5116-34-15
49 E1 (S 49)	67	149	125	49,39	VALEX 5116-34-8	VALEX 5116-34-15
50 E5 (50 UNI)	67	148	135	49,9	VALEX 5116-34-8	VALEX 5116-34-15
54 E1 (UIC 54)	70	159	140	54,77	VALEX 5116-34-8	VALEX 5116-34-15
60 E1 (UIC 60)	72	172	150	60,21	VALEX 5116-34-8	VALEX 5116-34-15

System can be used with more rail type than those listed, complete range of usable rails avaiable on request.
Products and specifications are subject to change without previous notice.



GENERAL INSTRUCTIONS

The selection of a fastening system 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 rails.
- Damage of mechanical components of crane.
- Damage to supporting base.
- Damage to fastening systems.

Valex fastening systems have been developed building on the experience accumulated over more than 100 years of activity.
VALENTE fastening systems offer an unlimited selection of alternatives, which perform in the most effective and efficient way in every situation.

ASSEMBLING INSTRUCTION

- Place the lower clip facing the rail according to the drawing at the distance indicated in the technical card.
- Weld the two perpendicular sides and the diagonal side of the lower clip opposite to the rail with either electrode or rode.
- Insert screw in lower clip.
- Place upper clips and flanged nuts.
- Proceed to a light tightening.
- Control lineup of the rail.
- Complete tightening.

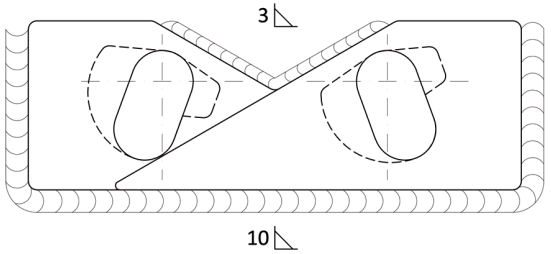
Electrode
AWS A5.1-04 E7018-1
EN ISO 2560-A E42 4 B42 H5
CE EN 13479

Rod
AWS A5.18 ER 70S-6: SG3
EN ISO 1668 W 4Si1: SG3

TECHNICAL SPECIFICATIONS

- Lateral adjustment 10 [mm]
- Side load 165 [KN]
- Torque tightening 150 [Nm]
- Welding seam thickness 10 [mm] 3 [mm] (*see technical drawing below*)
- Special bolt M16 gr 8.8

WELDING DETAILS



VALENTE S.p.A., ISO 9001:2008 Certified, has, as its main objectives maximum assistance and total client satifaction.

VALENTE S.p.A. assures and guarantees origin and quality of its products and provides all reasonable documentation and assistance.

Products and services provided by VALENTE S.p.A. generate a continuous know how, information and assistance flow, we engineer, manufacturer and market always responsible for our products and projects.