VALENTE 100 SINCE 1919 SPA
One hundred years of reliability

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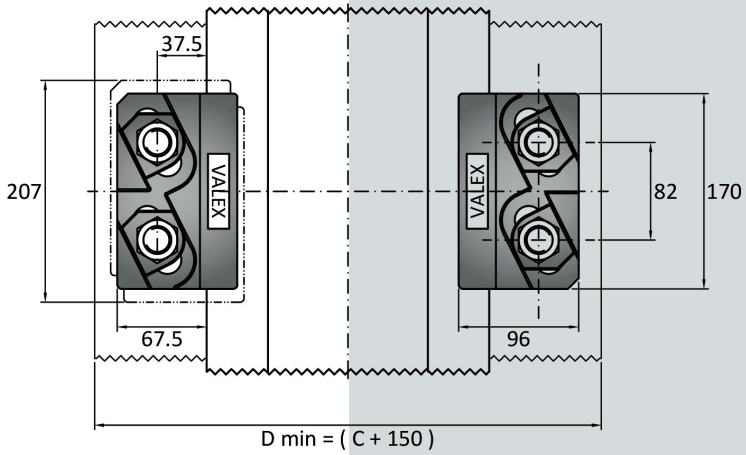
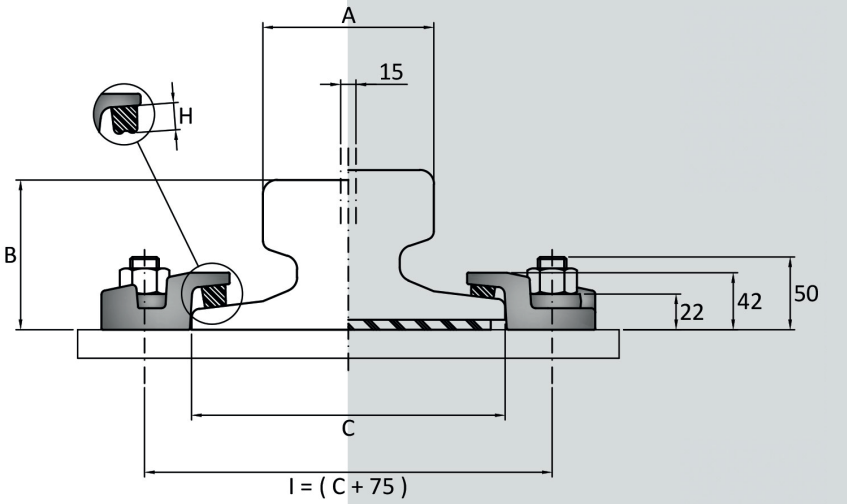
ISO 9001:2015 Certified

FASTENING SYSTEM FOR CRANE RAILS VALEX 2124

RAIL WITHOUT PAD

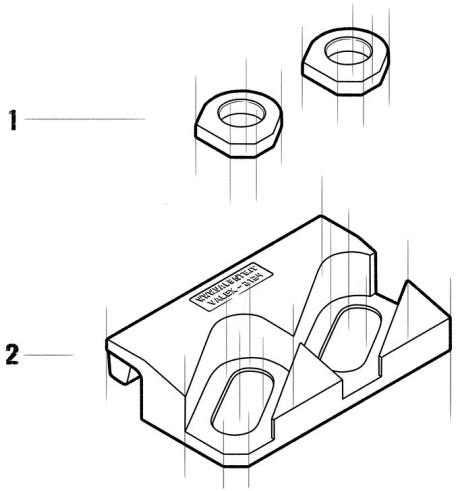


RAIL WITH PAD



FEATURES

- System made up of one clip one bolt and nut.
- Possibility of lateral adjustment.
- Easy and simple installation.
- Easy and simple maintenance.

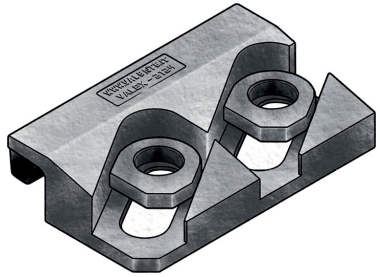


COMPONENTS

- Clip with vulcanized rubber nose.
- Special washers.

APPLICATIONS

VALEX 2124 is a direct fastening system specifically developed for crane rails, however, it can also be used for train and light (Decauville) rails, with very positive results.
A very rugged, reliable system of contained dimensions, which can be used with every type of crane, independently of the driving system.



Dimensions [mm]	E	F	G	H	L	L1	L2	M	N	O	P	Weight [g]
VALEX 2124-42-9	-	-	-	23	-	-	-	-	-	-	-	2020
VALEX 2124-42-13	-	-	-	19	-	-	-	-	-	-	-	2010
VALEX 2124-42-18	-	-	-	14	-	-	-	-	-	-	-	1990
VALEX 2124-42-23	-	-	-	9	-	-	-	-	-	-	-	1970

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RAIL TYPE	A [mm]	B [mm]	C [mm]	Weight [kg/m]	WITH PAD	WITHOUT PAD
A 45	45,00	55,00	125,00	22,10	-	-
A 55	55,00	65,00	150,00	31,80	-	-
A 65	65,00	75,00	175,00	43,10	VALEX 2124-42-13	-
A 75	75,00	85,00	200,00	56,20	VALEX 2124-42-13	VALEX 2124-42-09
A 100	100,00	95,00	200,00	74,30	VALEX 2124-42-13	VALEX 2124-42-09
A 120	120,00	105,00	220,00	100,00	VALEX 2124-42-18	VALEX 2124-42-09
A 150	150,00	150,00	220,00	150,30	VALEX 2124-42-18	VALEX 2124-42-13
CR 104	63,50	127,00	127,00	51,59	VALEX 2124-42-18	VALEX 2124-42-13
CR 105	65,10	131,80	131,80	52,09	VALEX 2124-42-13	VALEX 2124-42-09
CR 135	76,20	146,00	131,80	66,97	VALEX 2124-42-18	VALEX 2124-42-09
CR 171	101,60	152,40	152,40	84,83	VALEX 2124-42-18	VALEX 2124-42-13
MRS 87 A	101,60	152,40	152,40	86,80	VALEX 2124-42-18	VALEX 2124-42-13
CR 175	102,40	152,40	152,40	86,80	VALEX 2124-42-18	VALEX 2124-42-09
MRS 125	120,00	180,00	180,00	125,00	-	VALEX 2124-42-18
S 7	25,00	65,00	50,00	6,75	-	-
S 10	32,00	70,00	58,00	10,00	-	-
S 14	38,00	80,00	70,00	14,00	-	-
S 18	43,00	93,00	82,00	18,30	VALEX 2124-42-09	-
S 20	44,00	100,00	82,00	19,80	VALEX 2124-42-13	-
S 24	53,00	115,00	90,00	24,43	VALEX 2124-42-13	-
25 kg/m	50,00	115,00	90,00	25,00	VALEX 2124-42-09	-
S 26 (AFNOR 26)	50,00	110,00	100,00	26,27	VALEX 2124-42-09	-
27 E1 (27 UNI)	50,00	120,00	95,00	27,06	VALEX 2124-42-09	-
AFNOR 30	56,00	125,50	106,00	29,98	VALEX 2124-42-13	-
30 E1 (S 30)	60,30	108,00	108,00	30,13	VALEX 2124-42-09	-
33 E1 (S 33)	58,00	134,00	105,00	33,47	VALEX 2124-42-13	-
36 E1 (36 UNI)	60,00	130,00	100,00	36,26	VALEX 2124-42-13	-
40 E1 (S 41-R14)	67,00	138,00	125,00	40,95	VALEX 2124-42-13	-
46 E4 (46 UNI)	65,00	145,00	135,00	46,90	VALEX 2124-42-13	VALEX 2124-42-09
49 E1 (S 49)	67,00	149,00	125,00	49,39	VALEX 2124-42-13	VALEX 2124-42-09
50 E5 (50 UNI)	67,00	148,00	135,00	49,90	VALEX 2124-42-13	-
54 E1 (UIC 54)	70,00	159,00	140,00	54,77	VALEX 2124-42-13	VALEX 2124-42-09
60 E1 (UIC 60)	72,00	172,00	150,00	60,21	VALEX 2124-42-13	VALEX 2124-42-09

Valex fastening systems can also be used for several other rail profiles, not listed. A complete range of compatible rails is available on request.

GENERAL INSTRUCTIONS

The selection of the fastening system, either for crane, train, or light (Decauville) rails, is a critically 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 of the crane
- Damage of the supporting base
- Damage of the fastening systems

Valex fastening systems were developed through experience accumulated over more than 100 years of activity.

Valex fastening systems offer a wide range of alternatives, which would perform in the most effective and efficient way in every possible situation.

INSTALLATION INSTRUCTIONS

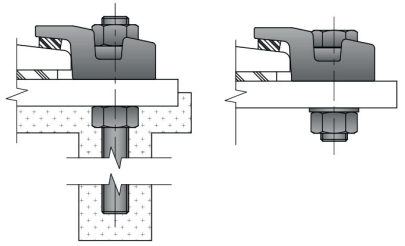
- Carefully align the rails.
- Place the clips in direct contact with the rails.
- Position the washer and insert the screw.
- Perform an initial light tightening.
- Complete the tightening process according to recommended torque.

TECHNICAL SPECIFICATIONS

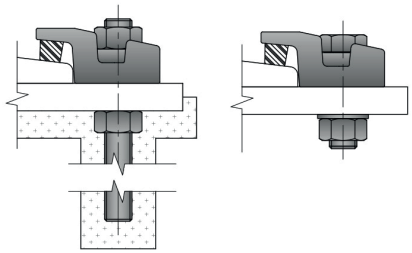
- Side load 290 KN
- Lateral adjustment 15 mm
- Torque tightening 550 Nm
- Bolt 8.8 gr M24 – NOT INCLUDED
- Steel quality S355JR

FIXING DETAILS

WITH PAD



WITHOUT PAD



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VALEX 2124 CLIP