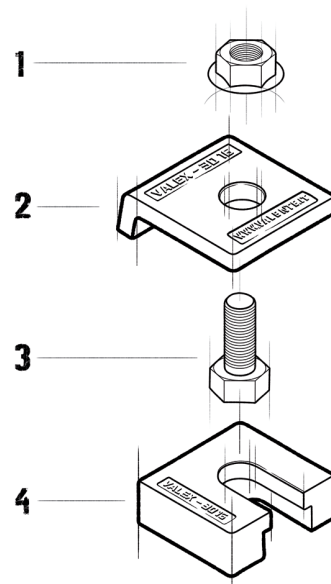


### FEATURES

- 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 bolt and flanged nut.
- System lower element easily weldable to rail support.

### COMPONENTS PROVIDED

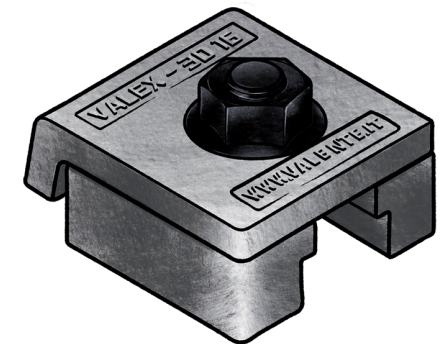
- 1 Flanged nut M16
- 2 Upper clip with steel nose
- 3 Special screw M16
- 4 Weldable lower clip



### APPLICATIONS

Developed for crane rails, Valex 3016 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 driving system.

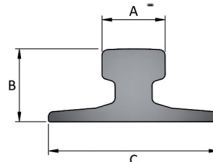


Dimensions [mm]	E	F	G	H	L	L1	L2	M	N	O	P	Weight [g]
<b>VALEX 3016-28-9</b>	-	-	-	9	-	-	-	-	-	-	-	<b>670</b>
<b>VALEX 3016-28-12</b>	-	-	-	12	-	-	-	-	-	-	-	<b>680</b>
<b>VALEX 3016-28-15</b>	-	-	-	15	-	-	-	-	-	-	-	<b>680</b>



RAIL TYPE	A [mm]	B [mm]	C [mm]	Weight [kg/m]	WITHOUT PAD	WITH PAD
A 45	45	55	125	22,1	VALEX 3016-28-15	VALEX 3016-28-9
A 55	55	65	150	31,8	VALEX 3016-28-15	-
A 65	65	75	175	43,1	VALEX 3016-28-12	-
A 75	75	85	200	56,2	VALEX 3016-28-12	-
A 100	100	95	200	74,3	VALEX 3016-28-12	-
A 120	120	105	220	100	VALEX 3016-28-9	-
A 150	150	150	220	150,3	-	-
CR 104	63,5	127	127	51,59	VALEX 3016-28-9	-
CR 105	65,1	131,8	131,8	52,09	VALEX 3016-28-12	-
CR 135	76,2	146	131,8	66,97	VALEX 3016-28-9	-
CR 171	101,6	152,4	152,4	84,83	-	-
MRS 87 A	101,6	152,4	152,4	86,8	-	-
CR 175	102,4	152,4	152,4	86,8	VALEX 3016-28-9	-
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	VALEX 3016-28-15	VALEX 3016-28-9
S 18	43	93	82	18,3	VALEX 3016-28-15	VALEX 3016-28-9
S 20	44	100	82	19,8	VALEX 3016-28-15	VALEX 3016-28-9
S 24	53	115	90	24,43	VALEX 3016-28-15	VALEX 3016-28-9
25 kg/m	50	115	90	25	VALEX 3016-28-15	VALEX 3016-28-9
S 26 (AFNOR 26)	50	110	100	26,27	VALEX 3016-28-15	VALEX 3016-28-9
27 E1 (27 UNI)	50	120	95	27,06	VALEX 3016-28-15	VALEX 3016-28-9
AFNOR 30	56	125,5	106	29,98	VALEX 3016-28-15	VALEX 3016-28-9
30 E1 (S 30)	60,3	108	108	30,13	VALEX 3016-28-15	VALEX 3016-28-9
33 E1 (S 33)	58	134	105	33,47	VALEX 3016-28-12	-
36 E1 (36 UNI)	60	130	100	36,26	VALEX 3016-28-12	-
40 E1 (S 41-R14)	67	138	125	40,95	VALEX 3016-28-12	-
46 E4 (46 UNI)	65	145	135	46,9	VALEX 3016-28-12	-
49 E1 (S 49)	67	149	125	49,39	VALEX 3016-28-12	-
50 E5 (50 UNI)	67	148	135	49,9	VALEX 3016-28-12	-
54 E1 (UIC 54)	70	159	140	54,77	VALEX 3016-28-12	-
60 E1 (UIC 60)	72	172	150	60,21	VALEX 3016-28-9	-

System can be used with more rail type than those listed, complete range of usable rails available 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 of supporting base.
- Damage of 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 cards;
- Weld the two perpendicular sides and the diagonal side of the lower clip opposite to the rail with either electrode or rode.
- Insert the screw in the lower clip.
- Place upper clip and the flanged nut.
- Proceed to a light tightening;
- Control line up of the rails;
- Complete tightening.

### Electrode

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

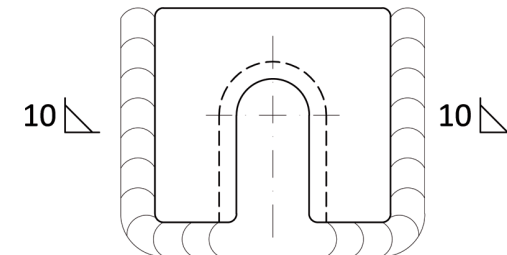
### Rod

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

## TECHNICAL SPECIFICATIONS

- Side load 65 [KN]
- Torque tightening 175 [Nm]
- Welding seam thickness 10 [mm]  
*(see technical drawing below)*
- Bolt M16 8.8 gr

## WELDING DETAILS



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

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.