



MASS	30.13	[Kg/m]
AREA	38.39	[cm <sup>2</sup> ]
MOMENT OF INERTIA X-X	608.2	[cm <sup>4</sup> ]
MOMENT OF INERTIA Y-Y	150.9	[cm <sup>4</sup> ]
SECTION MODULUS X-X - HEAD	108.5	[cm <sup>3</sup> ]
SECTION MODULUS X-X - BASE	117	[cm <sup>3</sup> ]
SECTION MODULUS Y-Y	27.9	[cm <sup>3</sup> ]



**WITH PAD**

FASTENING SERIES	LATERAL ADJUSTMENT [mm]	SIDE LOAD [KN]	TORQUE TIGHTENING [Nm]	FASTENING SYSTEM
VALEX 1004	10	60	175	VALEX 1004-33-22
VALEX 3016	–	65	175	VALEX 3016-28-09
VALEX 3116	–	90	175	VALEX 3116-28-09
VALEX 5016	10	70	150	VALEX 5016-32-13
VALEX 5020	14	140	275	VALEX 5020-42-13
VALEX 5024	–	–	–	–
VALEX 5116	10	165	150	VALEX 5116-32-13
VALEX 5120	14	250	275	VALEX 5120-43-13
VALEX 5124	–	–	–	–
VALEX 9022	–	–	–	–

**WITHOUT PAD**

FASTENING SERIES	LATERAL ADJUSTMENT [mm]	SIDE LOAD [KN]	TORQUE TIGHTENING [Nm]	FASTENING SYSTEM
VALEX 1004	10	60	175	VALEX 1004-25-14
VALEX 3016	–	65	175	VALEX 3016-28-15
VALEX 3116	–	–	–	–
VALEX 5016	10	70	150	VALEX 5016-32-06
VALEX 5020	–	–	–	–
VALEX 5024	–	–	–	–
VALEX 5116	10	165	150	VALEX 5116-32-06
VALEX 5120	–	–	–	–
VALEX 5124	–	–	–	–
VALEX 9022	–	–	–	–

INDIRECT FIXING

SUITABLE FASTENING SYSTEM FOR RAIL 30 E1 (S30)

FASTENING SERIES	LATERAL ADJUSTMENT [mm]	SIDE LOAD [KN]	TORQUE TIGHTENING [Nm]	FASTENING SYSTEM
VALEX 2012	5	30	75	VALEX 2012-31-13
VALEX 2016	10	55	175	VALEX 2016-32-13
VALEX 2020	15	110	320	VALEX 2020-35-13
VALEX 2024	15	160	550	VALEX 2024-42-09
VALEX 2124	15	290	550	VALEX 2124-42-09
VALEX 4018	–	–	–	–
VALEX 4021	–	–	–	–
VALEX 4023	–	–	–	–
VALEX 4025	–	–	–	–
VALEX 4028	–	95	550	VALEX 4028
VALEX 6024	–	–	–	–
VALEX 7020	10	90	320	VALEX 7020-40-15
VALEX F036	–	–	–	–
VALEX F046	–	–	–	–
VALEX F050	–	–	–	–
VALEX F060	–	85	550	VALEX F060
VALEX D510	–	–	–	–
VALEX D614	–	–	–	–
VALEX D820	–	–	–	–

FASTENING SERIES	LATERAL ADJUSTMENT [mm]	SIDE LOAD [KN]	TORQUE TIGHTENING [Nm]	FASTENING SYSTEM
VALEX 2012	5	30	75	VALEX 2012-31-06
VALEX 2016	10	55	175	VALEX 2016-32-06
VALEX 2020	15	110	320	VALEX 2020-35-08
VALEX 2024	–	–	–	–
VALEX 2124	–	–	–	–
VALEX 4018	6	60	220	VALEX 4018
VALEX 4021	8	70	320	VALEX 4021
VALEX 4023	8	70	320	VALEX 4023
VALEX 4025	10	70	320	VALEX 4025
VALEX 4028	–	–	–	–
VALEX 6024	–	–	–	–
VALEX 7020	–	–	–	–
VALEX F036	–	80	–	VALEX F036
VALEX F046	–	70	320	VALEX F046
VALEX F050	8	70	320	VALEX F050
VALEX F060	–	85	550	VALEX F060
VALEX D510	–	20	75	VALEX D510/M
VALEX D614	–	–	–	–
VALEX D820	–	70	220	VALEX D820/M

DIRECT FIXING

RAIL 30 E1 (S30)  
RAIL