



MASS	19,84	kg/m
AREA	25,42	cm <sup>2</sup>
MOMENT OF INERTIA x-x	272,2	cm <sup>4</sup>
MOMENT OF INERTIA y-y	66	cm <sup>4</sup>
SECTION MODULUS x-x - HEAD	58,8	cm <sup>3</sup>
SECTION MODULUS x-x - BASE	63,9	cm <sup>3</sup>
SECTION MODULUS y-y	14,8	cm <sup>3</sup>



## SUITABLE FASTENING SYSTEM FOR RAIL ASCE 40

**WITHOUT PAD**
**WITH PAD**
**INDIRECT FIXING**

FASTENING SERIES	LATERAL ADJUSTMENT	SIDE LOAD	TORQUE TIGHTENING	FASTENING SYSTEM
VALEX 1004	10	60	175	VALEX 1004-25-14
VALEX 3016	-	-	-	-
VALEX 3116	-	-	-	-
VALEX 5016	-	-	-	-
VALEX 5020	-	-	-	-
VALEX 5024	-	-	-	-
VALEX 5116	-	-	-	-
VALEX 5120	-	-	-	-
VALEX 5124	-	-	-	-
VALEX 9022	-	-	-	-

FASTENING SERIES	LATERAL ADJUSTMENT	SIDE LOAD	TORQUE TIGHTENING	FASTENING SYSTEM
VALEX 1004	10	60	175	VALEX 1004-29-18
VALEX 3016	-	-	-	-
VALEX 3116	-	-	-	-
VALEX 5016	-	-	-	-
VALEX 5020	-	-	-	-
VALEX 5024	-	-	-	-
VALEX 5116	-	-	-	-
VALEX 5120	-	-	-	-
VALEX 5124	-	-	-	-
VALEX 9022	-	-	-	-

**DIRECT FIXING**

FASTENING SERIES	LATERAL ADJUSTMENT	SIDE LOAD	TORQUE TIGHTENING	FASTENING SYSTEM
VALEX 2012	-	-	-	-
VALEX 2016	-	-	-	-
VALEX 2020	-	-	-	-
VALEX 2024	-	-	-	-
VALEX 2124	-	-	-	-
VALEX 4000	6	60	220	VALEX 4018
VALEX 6024	-	-	-	-
VALEX 7020	-	-	-	-
VALEX F	-	-	-	-
VALEX D	-	-	-	-
VALEX D/M	-	65	220	VALEX D820/M

FASTENING SERIES	LATERAL ADJUSTMENT	SIDE LOAD	TORQUE TIGHTENING	FASTENING SYSTEM
VALEX 2012	-	-	-	-
VALEX 2016	-	-	-	-
VALEX 2020	-	-	-	-
VALEX 2024	-	-	-	-
VALEX 2124	-	-	-	-
VALEX 4000	-	-	-	-
VALEX 6024	-	-	-	-
VALEX 7020	-	-	-	-
VALEX F	-	-	-	-
VALEX D	-	-	-	-
VALEX D/M	-	-	-	-