

Rev. 2018-01

TECHNICAL CARD

Product code: CA123001EV <i>Steel rack for sliding gates</i>	
Material: <i>Galvanized steel S235JR (EN 10027-1)</i>	Module: <i>M4</i>
Weight: <i>2,5 Kg/m</i>	Finishing: <i>Zincato – Galvanized UNI ISO 2081 Fe/Zn 8</i>
Dimensions: <i>12 x 30 x 1005 mm</i>	Fixing holes: <i>3 - Fixing bolts included (3 sets/m)</i>
Max loading capacity: <i>2000 kg</i>	<i>Packaging made of 4 pieces</i>

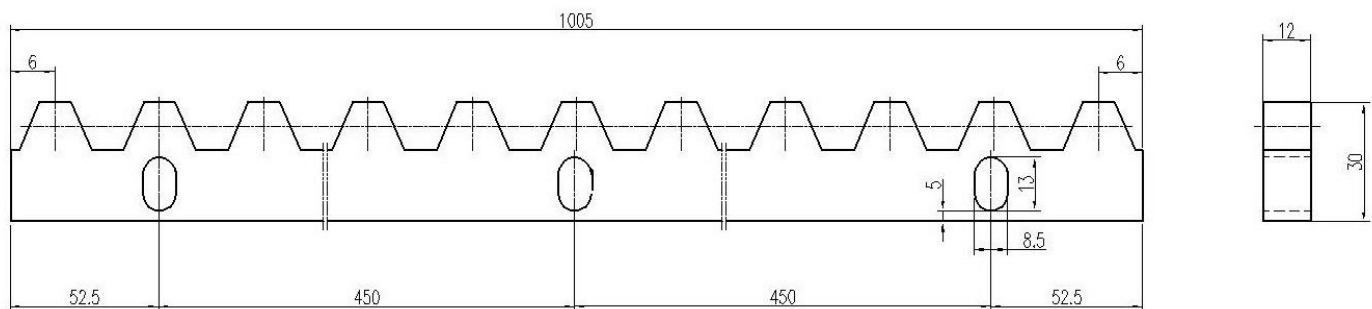
Chemical composition

Material	C	Si	Mn	S	Ti	P	Cu	Cr	Ni
Standard %	0,14 – 0,22	≤ 0,30	0,30 – 0,65	≤ 0,050		≤ 0,045			
Actual %	0,14	0,15	0,31	0,005		0,021			

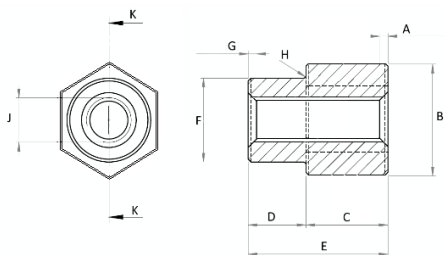
Mechanical properties

	Ultimate tensile strength	Yield Strength	Elongation
	R _m (N/mm ² - MPa)	Re _L (N/mm ² - MPa)	%
Standard value	375 – 500	≥ 235	≥ 26
Actual value	452	291	32

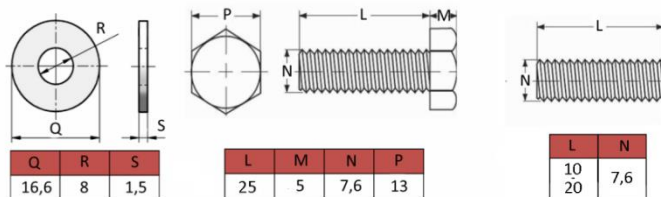
Technical drawing



Fixing bolts included: CAVRNE (3 sets/m)



A	B	C	D	E	F	G	H	J	K
1,5x45°	∅20	16	9	25	∅15	1,5x45°	R0,5	M8	∅24



Q	R	S
16,6	8	1,5

L	M	N	P
25	5	7,6	13

L	N
10	7,6
20	