



## **MC 0 4,2xL**

### **WAFER-HEAD MOUNTING SCREWS CX**

#### **PRODUCT CHARACTERISTICS**

Self-tapping drilling screws, made of hardened carbon steel electrolytically galvanized or stainless steel, with cross PH2 wafer head and sharp drilling point

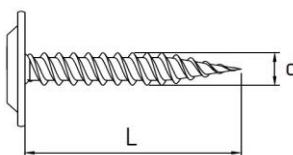
<b>WAFER HEAD DIAMETER</b>	12 mm
<b>TYPE OF DRIVE</b>	PH2
<b>DRILLING CAPACITY (DC)</b>	0,9 mm
<b>POSSIBILITY OF PAINTING</b>	YES
<b>PAINT COATING THICKNESS</b>	approx. 50 µm
<b>RECOMMENDED SCREWDRIVER SPEED</b>	ok. 1300 rev/min
<b>RECOMMENDED TIGHTENING TORQUE</b>	ok. 2 Nm

#### **SIZE AND MATERIAL OF SCREWS**

<b>AVAILABLE SIZES (d x L)</b>		<b>MATERIAL</b>	<b>TYPE OF ANTICORROSION COATING</b>
4,2x13	4,2x50	carbon steel	*CS *CSE
4,2x16	4,2x65		
4,2x19	4,2x75		
4,2x25	4,2x85		
4,2x30	4,2x100		
4,2x38			
4,2x25		stainless steel (SS)	-

CS - carbon steel coated with zinc coating with a minimum thickness of 5 µm or 12 µm

CSE - carbon steel with EsC coating **(CORROSION RESISTANCE UP TO C4 CATEGORY)**



## SELECTED CHARACTERISTIC RESISTANCES PER SHEAR \*

### a) without washer

Characteristic resistance [kN]						
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]					Wood class $\geq$ C24
	0,50	0,63	0,75	0,88	1,00	
0,50	0,32	0,32	0,32	0,32	-	0,82
0,63	0,32	0,32	0,32	0,32	-	0,82
0,75	0,32	0,32	0,32	0,32	-	0,82
0,88	0,32	0,32	0,32	0,32	-	0,82
1,00	-	-	-	-	-	-

## SELECTED CHARACTERISTIC RESISTANCES PER PULL-OUT \*

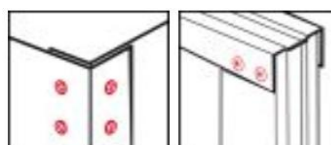
### a) without washer

Characteristic resistance [kN]						
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]					Wood class ≥C24
	0,50	0,63	0,75	0,88	1,00	
0,50	0,32	0,32	0,32	0,32	-	0,92
0,63	0,32	0,32	0,32	0,32	-	0,92
0,75	0,32	0,32	0,32	0,32	-	0,92
0,88	0,32	0,32	0,32	0,32	-	0,92
1,00	-	-	-	-	-	-

*\* This product data sheet shows only examples of fastenings resistances. Full information about resistances for introduced screws are described in the **ETA-18/0789** technical approval*

## PURPOSE AND SCOPE OF USE

Screws for fixing thin-walled steel or plastic elements to wooden structures and thin-walled steel profiles or for joining them together



This product data sheet is for information purposes only and does not constitute an offer within the meaning of Article 66 of the Civil Code par.1