

Brass (Copper-Zinc) MD15 | MD30 | MD36 |



Material Designation			
Sundwiger	MD15	MD30	MD36
DIN-EN Symbol	CuZn15	CuZn30	CuZn36
DIN-EN	CW502L	CW505L	CW507L
UNS	C23000	C26000	C27000
JIS	C2300	C2600	C2700

Reference to Standards	
DIN	EN 12166
About the Alloy	
These brass alloys are very easy to cold form	

Typical Applications
• Jewellery • Decor • Deep-drawn parts • Springs • Connectors • Screws

Mechanical Properties*			
Sundwiger	MD15	MD30	MD36
Tensile strength in N/mm ²			
soft	300 - 370	300 - 380	300 - 380
1/4 hard	350 - 420	460 - 560	480 - 570
1/2 hard	410 - 490	540 - 620	560 - 650
hard	480 - 560	620 - 720	660 - 750
springhard	min. 550	min. 700	min. 700
Elongation A100 in % , soft			
> 35			
* Reference values			

Physical Properties*			
Sundwiger	MD15	MD30	MD36
Electrical Conductivity in % IACS (soft)	≥37	≥28	≥27
Electrical Conductivity in MS/m	≥22	≥16,5	≥15,5
Density in g/cm ³	8,8	8,5	8,4
* Reference values			

Available Dimensions		
Square wire	5,1 mm	max. 2000 kg
	7,4 mm	
Round wire	1,0 - 7,0 mm in Coils	max. 200 kg
	2,0 - 7,0 mm on stands	max. 1500 kg
	0,8 - 3,0 mm on reels	max. 1000 kg
	On request: in drums	max. 400 kg

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