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

SUNDWIGER Messingwerk

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 easy to cold form

Typical Applications

- Jewelery
- Decor
- Connector pins
- Springs
- Screws
- Deep-drawn parts

Mechanical Properties*			
Sundwiger	MD15	MD30	MD36
Tensile strength in N/mm^2			
soft	325 -425	385 - 485	390 -480
1/4 hard	425 -525	485 -585	480 -570
1/2 hard	525 -625	585 -685	570 -660
3/4 hard	625 -725	685 -785	660 -750
hard	725 -825	785 -885	750 -840
springhard	min. 825	min. 885	min. 840
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 7,4 mm	max. 2000 kg
Round wire	0,8 - 7,0 mm in Coils	max. 200 kg
	2,0 - 6,2 mm on stands	max. 1500 kg
	0,8 - 3 mm on reels	max. 1000 kg
	On request: in drums	max. 400 kg

Your Contact Person

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