



## Data sheet brass profile CW721R

### Standard chemical composition

Material description	Internal material description	Elem.	Cu %	Pb %	Al %	Si %	Fe %	Ni %	Mn %	Sn %	Zn %	Altri Totale %
CuZn40Mn1Pb1 AlFeSn CW721R	H1	Min.	57,0	0,8	0,3	-	0,2	-	0,8	0,2	Rest	-
		Max.	59,0	1,6	1,3	0,1	1,2	0,3	1,8	1,0	-	0,3

### Our internal chemical composition

Internal material description	Elem.	Cu %	Pb %	Al %	Si %	Fe %	Ni %	Mn %	Sn %	Zn %	Other total %	Every other element %
H1	Min.	58,3	1,0	0,3	-	0,3	-	0,8	0,2	Rest	-	-
	Max.	58,5	1,2	1,3	0,05	0,8	0,3	1,5	1,2		0,20	0,2

### Mechanical features

Metallurgical state	Nominal dimensions Diameter - Key mm		Ultimate tensile strenght Rm (N/mm <sup>2</sup> )	Yield strenght 0,2% Rp 0,2% (N/mm <sup>2</sup> )	Lengthening A %	Hardness HB min. max.
	From	to (included)				
M	All dimensions		390 min	180 Min	20%	100 145

### Tolerances

Dimensional tolerances according to technical specification

### Technological features

<b>Technological features</b>	Machinability by metal cutting	GOOD	
Annealing temperature	520° C	Hot deformability	GOOD
Distension temperature	250° C	Cold deformability	GOOD
Density	8,44 g/cm3	Corrosion resistance	GOOD

### Technical notes

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