

BRASS ALLOYS CAPABILITIES

Alloy	Round	Hex	Round Size Capability	Hex Size Capability	Description
			EN 12165 = Extruded EN 12164 = Drawn Upon request = TBV		
CW617N	✓	✓	Ø 7 – 110 mm EN 12165 Ø 7 – 75 mm EN 12164	SW 7 – SW 30 mm SW 30+ → upon request	Standard alloy for hot stamping, also suitable for turning and drinking water applications. ✓ Included in 4MS Positive List
CW614N	✓	✓	Ø 7 – 75 mm EN 12164	SW 7 – SW 30 mm SW 30+ → upon request	Standard alloy for turning with excellent machinability. ✓ Included in 4MS Positive List
CW612N	✓	✓	Ø 7 – 110 mm EN 12165 Ø 7 – 75 mm EN 12164	SW 7 – SW 30 mm SW 30+ → upon request	Alloy for free machining with high copper content to increase ductility and cold formability. ✓ Included in 4MS Positive List
CW611N	✓	—	Ø 12 – 110 mm EN 12165	—	Alloy for hot stamping and free machining with high copper content to increase ductility and cold formability, and low lead content.
CW602N	✓	—	Ø 12 – 110 mm EN 12165	—	Anti-dezincification alloy with high copper content and presence of As in its composition, ensuring strong resistance against aggressive water.
CW510L Pb ≤ 0.2%	✓	—	Ø 12 – 110 mm EN 12165 Ø 12 – 75 mm EN 12164	—	Alloy with low lead content, suitable for drinking water applications (USA market). Available for both hot stamping and machining. ✓ NSF/ANSI/CAN 372 certified
CW510L Pb < 0.1%	✓	—	Ø 12 – 110 mm EN 12165 Ø 12 – 75 mm EN 12164	—	Alloy with low lead content, suitable for drinking water applications (USA market). Available for both hot stamping and machining. Pb % is further reduced to <0,1%/ NSF/ANSI/CAN 372 certified
CW509L	✓	—	Ø 12 – 110 mm EN 12165 Ø 12 – 75 mm EN 12164	—	Alloy with high lead content suitable for drinking water applications (USA market). Available for both hot stamping and machining. ✓ NSF/ANSI/CAN 372 certified
CW511L	✓	—	Ø 12 – 110 mm EN 12165	—	Anti-dezincification alloy with low lead content. Strong resistance against aggressive waters. Suitable for drinking water (USA & Northern Europe). ✓ NSF/ANSI/CAN 372 certified
CW511L Pb ≤ 0.10%	✓	—	Ø 12 – 110 mm EN 12165	—	Anti-dezincification alloy with low lead content. Strong resistance against aggressive waters. Suitable for drinking water. Pb % reduced to ≤0,10% to meet 5 µg/l Pb release as per UE 2020/2184. ✓ NSF/ANSI/CAN 372 certified