



**MESINGANI PRESOVANI
I VUČENI PROFILI**

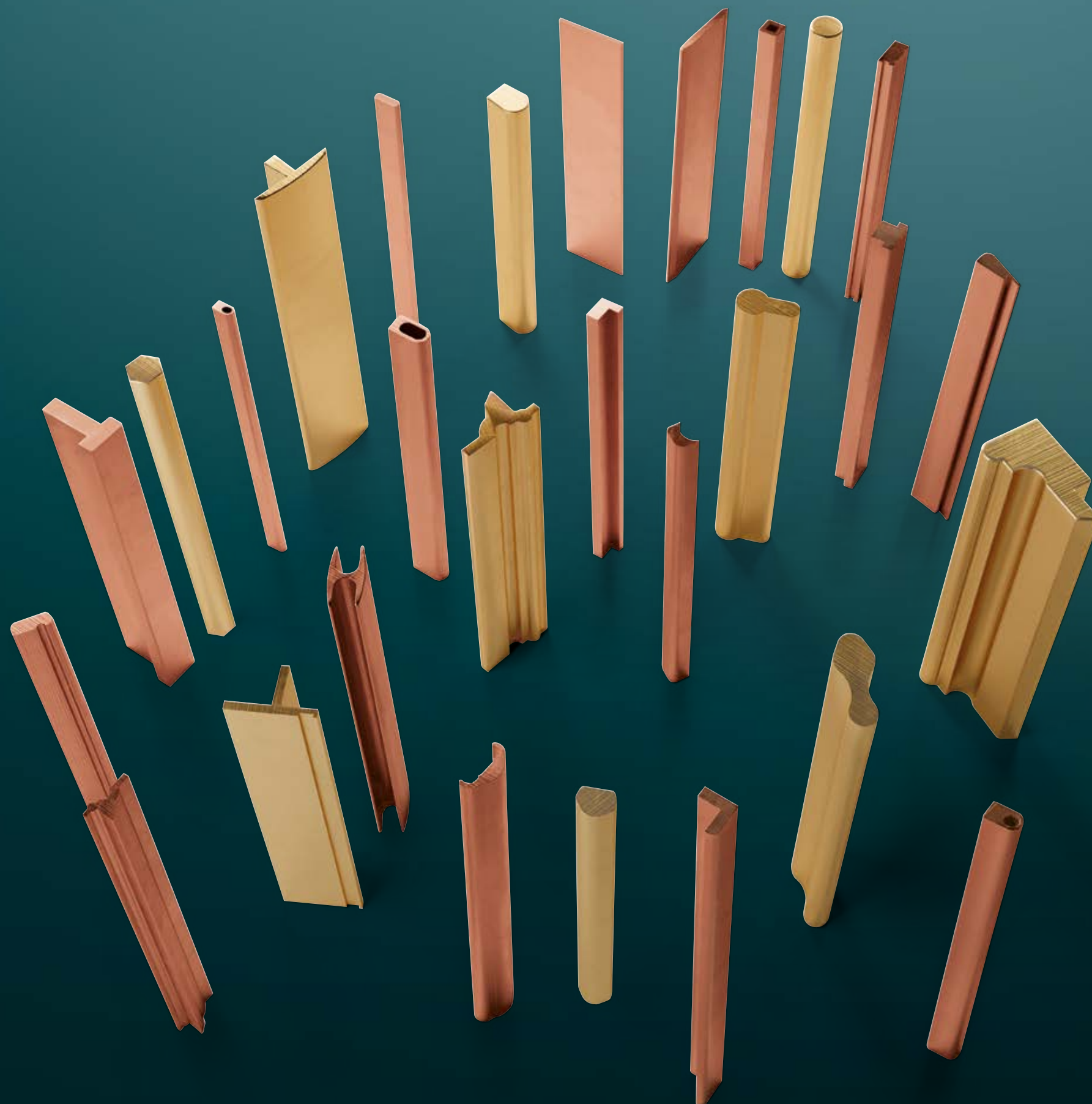
75 YEARS
SOLID AS COPPER

PRESOVANI I VUČENI PROFILI

EXTRUDED AND DRAWN PROFILES

PRESOVANE I VUČENE PROFILE
IZRAĐUJEMO OD BAKRA I MESINGA.
KORISTE SE U RAZNE SVRHE, A
MOGU SE NARUČIVATI PREMA
STANDARDIMA VALJAONICE BAKRA
SEVOJNO ILI PREMA
ZAHTEVIMA KUPACA.

*WE MANUFACTURE THE EXTRUDED
AND DRAWN PROFILES FROM COPPER
AND BRASS. THEY ARE USED FOR
DIFFERENT PURPOSE, AND
CAN BE ORDERED ACCORDING TO
STANDARDS OF COPPER MILL SEVOJNO
OR ACCORDING TO
THE CUSTOMER REQUIREMENTS.*



ASORTIMAN MESINGANIH PRESOVANIH I VUČENIH PROFILA
PRODUCT PORTFOLIO OF EXTRUDED AND DRAWN PROFILES

3.2.1

Mesingane šine i šipke

Mesingane šine i šipke zbog odlične obradivosti i sposobnosti oblikovanja, imaju široku primenu u raznim granama industrije. Šipke od mesinga namenjene za mašinsku obradu na obrtnim uređajima se proizvode prema standardu EN 12164, ukoliko su namenjene za preradu kovanjem prema standardu EN 12165, a za opštu namenu se izrađuju prema standardu EN 12163.

Mesingane šine od istih materijala, za opštu namenu izrađujemo prema standardu EN 12167.

Brass bars and rods

Brass bars and rods are widely used in various branches of industry due to their excellent machinability and workability. Brass rods intended for machining on rotating devices are manufactured according to EN 12164; if they are intended for fabrication by forging, according to EN 12165; if they are intended for general use, they are made according to EN 12163.

Brass bars made from the same materials, for general use, are produced according to EN 12167.

ASORTIMAN
PRODUCT PORTFOLIO

LEGURA ALLOY		POLUPROIZVOD SEMI-FINISHED PRODUCT	DIMENZIJE mm DIMENSIONS mm	OBLIK ISPORUKE FORM OF DELIVERY
BEZOLOVNI MESINZI LEAD-FREE BRASSES	CuZn37	šine Bars	debljina 2.0 - 15.0 širina 5.0-60.0* Thickness 2.0 - 15.0 Width 5.0-60.0*	fabričke (2-4 m) i fiksne (1-4 m) dužine Standard lengths (2-4 m) and ordered lengths (1-4 m).
	CuZn40			
	CuZn10 CuZn20 CuZn28 CuZn30 CuZn33 CuZn37 CuZn40	okrugle šipke Round rods	3.0 - 80.0	
		kvadratne šipke Square rods	4.0 - 50.0	
		šestougaone šipke Hexagonal rods	4.0 - 60.0	
MESINZI SA OLOVOM BRASSES CONTAINING LEAD	CuZn36Pb1.5 CuZn36Pb3 CuZn38Pb2 CuZn39Pb2 CuZn39Pb3 CuZn40Pb2	šine Bars	debljina 2.0 - 15.0 širina 5.0-60.0* Thickness 2.0 - 15.0 Width 5.0-60.0*	Okrugle šipke do prečnika 18 mm i šestougaone do otvora ključa 16 mm mogu se isporučivati u koturu ili pravim dužinama (max težina kotura 100 kg). Prave dužine: fabričke (2-4 m) i fiksne (1-4 m). Round rods with diameter up to 18mm and hexagonal rods with opening of the wrench up to 16 mm can be delivered in straight lengths or in coil (max. coil weight is 100 kg). Straight lengths: Standard lengths (2-4 m) and ordered lengths (1-4 m).
		okrugle šipke Round rods	3.0 - 80.0	
		kvadratne šipke Square rods	4.0 - 40.0	
		šestougaone šipke Hexagonal rods	4.0 - 65.0	
		šuplja šipka (okrugla i šestougaona) Hollow rods (round and hexagonal)	prema zahtevu kupca as requested by the customer	

* u zavisnosti od debljine
* depending on thickness



OZNAČAVANJE MESINGA I STANDARDI PREMA KOJIMA SE PROIZVODE ŠIPKE I ŠINE
BRASS DESIGNATIONS AND STANDARDS ACCORDING TO WHICH THE BARS AND RODS ARE PRODUCED

EN OZNAKA EN DESIGNATION		EN KOJI DEFINIŠU PROIZVODE EN STANDARDS SPECIFYING THE PRODUCTS	OZNAKE PREMA DRUGIM STANDARDIMA DESIGNATIONS ACCORDING TO OTHER STANDARDS		
			DIN		ASTM
SLOVIMA SYMBOL	BROJEVIMA NUMBERS		SLOVIMA SYMBOL	BROJEVIMA NUMBERS	
CuZn10	CW501L	EN 12163	CuZn10	2.0230	C 220 00
CuZn20	CW503L	EN 12163	CuZn20	2.0250	C 240 00
CuZn28	CW504L	EN 12163	CuZn28	2.0261	-
CuZn30	CW505L	EN 12163	CuZn30	2.0265	C 260 00
CuZn33	CW506L	EN 12163	CuZn33	2.0280	C 268 00
CuZn36	CW507L	EN 12163 EN 12167	CuZn36	2.0335	C 270 00
CuZn37	CW508L	EN 12163 EN 12165 EN 12167	CuZn37	2.0321	C 272 00
CuZn40	CW509L	EN 12163 EN 12165 EN 12167	CuZn40	2.0360	C 280 00
-	-	-	CuZn36Pb1,5	2.0331	C353 00
CuZn36Pb3	CW603N	EN 12164 EN 12167	CuZn36Pb3	2.0375	C 360 00
CuZn38Pb2	CW608N	EN 12164 EN 12165 EN 12167	CuZn38Pb1,5	2.0371	-
CuZn39Pb2	CW612L	EN 12164 EN 12165 EN 12167	CuZn39Pb2	2.0380	C377 00
CuZn39Pb3	CW614N	EN 12164 EN 12165 EN 12167	CuZn39Pb3	2.0401	C385 00
CuZn40Pb2	CW617N	EN 12164 EN 12165 EN 12167	CuZn40Pb2	2.0402	C 378 00

3.2.2

Mesingani profili

Mesingani profili proizvode se u oblicima i kvalitetima definisanim u fabričkom katalogu ili prema specijalnim zahtevima kupaca.

Standardne legure za proizvodnju punih mesinganih profila su: CuZn39Pb2, CuZn39Pb3, CuZn37. Najmanji poprečni presek je 10mm2. Profile isporučujemo u koturovima težine 40-60 kg i u pravim dužinama do 4m, u zavisnosti od oblika profila ili zahteva kupca.

Brass profiles

Brass profiles are produced in shapes and tempers specified in the company's catalogue or in the customer's request.

Standard alloys for manufacture of brass profiles are as follows: CuZn39Pb2, CuZn39Pb3, CuZn37. The smallest cross section is 10mm2. We deliver profiles in coils of weight 40-60 kg and straight lengths of up to 4m, depending on the shape of profile or the customer's request.

OZNAČAVANJE MESINGA
BRASS DESIGNATIONS

EN OZNAKA EN DESIGNATION		OZNAKE PREMA DRUGIM STANDARDIMA DESIGNATIONS ACCORDING TO OTHER STANDARDS		
		DIN		ASTM
SLOVIMA SYMBOL	BROJEVIMA NUMBERS	SLOVIMA SYMBOL	BROJEVIMA NUMBERS	
CuZn37	CW508L	CuZn37	2.0321	C 272 00
CuZn39Pb2	CW612N	CuZn39Pb2	2.0380	C 377 00
CuZn39Pb3	CW614N	CuZn39Pb3	2.0401	-



3.2.3

Mesingana žica

Valjaonica bakra Sevojno izrađuje me-
sin- gane žice od velikog broja legura širo-
kog dimenzionog asortimana u skladu sa
EN 12166.

Mesinganu žicu proizvodimo prema stan-
dardima EN, DIN, GOST, BS i drugim svet-
skim standardima, ali i prema specijalnim
zahtevima kupca.

Specijalni zahtevi se mogu odnositi na uže
tolerancije, zadovoljenje specijalnih tečno-
loških osobina, uže područje mehaničkih
osobina, posebne zahteve za kvalitet povr-
šine i ostale osobine koje treba da zadovolje
odgovarajuću namenu.



Brass wire

Copper Mill Sevojno manufactures brass
wire from a large number of alloys with a
wide range of dimensions in accordance
with EN 12166.

We make brass wire according to EN, DIN,
GOST, BS and other international standards,
but also according to special requirements
of our customers.

Special requirements may refer to reduced
tolerances, special technological requests
in terms of properties, smaller range of
mechanical properties, special requests
regarding surface quality and other
properties that should meet the intended
purpose.

ASORTIMAN ŽICA OD MESINGA
PRODUCT PORTFOLIO OF BRASS WIRE

MATERIJAL MATERIAL		PREČNIK mm DIAMETER mm	OBLIK ISPORUKE FORM OF DELIVERY
BEZOLOVNI MESINZI LEAD-FREE BRASSES	CuZn5 CuZn10 CuZn15 CuZn20 CuZn30 CuZn33 CuZn36 CuZn37	0.05 - 0.60	kalem reel
		0.60 - 1.50	čelični kalem, kotur steel reel, coil
		1.50 - 20.0	kotur coil
MESINZI SA OLOVOM BRASSES CONTAINING LEAD	CuZn36Pb1.5 CuZn36Pb3 CuZn38Pb2 CuZn39Pb2 CuZn39Pb3 CuZn40Pb2	2.0 - 20.0	kotur coil

OZNAČAVANJE MESINGA I STANDARDI PREMA KOJIMA SE PROIZVODI ŽICA
BRASS DESIGNATIONS AND STANDARDS ACCORDING TO WHICH THE WIRE IS MANUFACTURED

EN OZNAKA EN DESIGNATION		EN KOJI DEFINIŠU PROIZVODE EN STANDARDS SPECIFYING THE PRODUCTS	OZNAKE PREMA DRUGIM STANDARDIMA DESIGNATIONS ACCORDING TO OTHER STANDARDS		
			DIN		ASTM
SLOVIMA SYMBOL	BROJEVIMA NUMBERS		SLOVIMA SYMBOL	BROJEVIMA NUMBERS	
CuZn10	CW501L	EN 12166	CuZn10	2.0230	C 220 00
CuZn20	CW503L	EN 12166	CuZn20	2.0250	C 240 00
CuZn30	CW505L	EN 12166	CuZn30	2.0265	C 260 00
CuZn33	CW506L	EN 12166	CuZn33	2.0800	C 268 00
CuZn36	CW507L	EN 12166	CuZn36	2.0335	C 270 00
CuZn37	CW508L	EN 12166	CuZn37	2.0321	C 272 00
CuZn40	CW509L	EN 12166	CuZn40	2.0360	C 280 00
-	-	-	CuZn36Pb1.5	2.0331	C 350 00
CuZn36Pb3	CW603N	EN 12166	CuZn36Pb3	2.0375	C 360 00
CuZn38Pb2	CW608N	EN 12166	CuZn38Pb1,5	2.0371	-
CuZn39Pb2	CW612L	EN 12166	CuZn39Pb2	2.0380	C 377 00
CuZn39Pb3	CW614N	EN 12166	CuZn39Pb3	2.0401	-
CuZn40Pb2	CW617N	EN 12166	CuZn40Pb2	2.0402	C 378 00



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