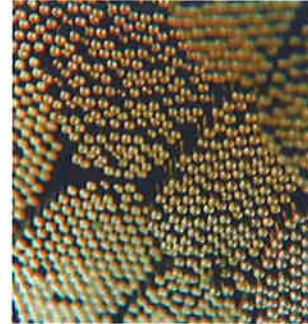


Extruded/Drawn Products – Rods, Wire, Sections, Tubes Materials and sizes available



Wieland	Material designation			Tubes				Sections/ Tube Sections*				Rods		Wire**	
				Outside-Ø	Wall thickness	Sections/ Tube Sections*				Round and polygonal rods/wires		Round	Polygonal		
						Sections drawn	Sections extruded	Sectional tubes	Round and polygonal rods/wires	Ø	width across flat				
				mm	mm	Circumscribed Ø	mm	mm	mm	mm	mm	mm	mm		
	Symbol	EN-no.	UNS-no.	from	up to	from	up to	from	up to	up to	up to	from	up to	≥	≥
K10	Cu-OFE	CW009A	C10100	6	300	0.3	20	2.5	150	150	230	2	250	0.3	–
K12	Cu-HCP	CW021A	C10300	6	300	0.3	20	2.5	150	150	230	2	250	0.3	2
K20/K21	Cu-DHP	CW024A	C12200	6	300	0.3	20	2.5	150	150	230	2	250	0.3	2
K30	Cu-OF	CW008A	C10200	6	300	0.3	20	2.5	150	150	230	2	250	0.3	2
K32	Cu-ETP	CW004A	C11000	6	300	0.3	20	2.5	150	150	230	2	250	0.3	2
K55	≈CuNi3SiMg	not stand.	C70250	–	–	–	–	–	–	–	–	2	24	0.3	2
K60	CuCr1Zr	CW106C	C18150	6	145	1.5	15	2.5	80	125	–	2	150	0.3	2
K65	CuFe2P	CW107C	C19400	10	75	0.5	5	–	–	–	60	2	60	0.3	2
K81	CuSn0.15	CW117C	C14415	–	–	–	–	–	–	–	–	2	4.5	0.3	2
K88	≈CuCrAgFeTiSi	not stand.	C18080	–	–	–	–	–	–	–	–	2	10	0.3	2
KA1	CuAg0.1P	CW016A	not stand.	–	–	–	–	–	–	–	230	2	6	0.3	2
M05	CuZn5	CW500L	C21000	10	220	1	11	2.5	100	130	165	2	250	0.3	2
M10	CuZn10	CW501L	C22000	10	220	1	11	2.5	100	130	165	2	250	0.3	2
M15	CuZn15	CW502L	C23000	6	220	0.1	11	2.5	100	150	165	2	250	0.3	2
M20	CuZn20	CW503L	C24000	6	100	0.1	4.25	2.5	100	130	70	2	80	0.3	2
M30	CuZn30	CW505L	C26000	8	130	0.2	8	2.5	100	130	120	2	100	0.3	2
M36/M46	CuZn36	CW507L	C27200	6	130	0.15	15	–	–	–	120	–	–	0.3	2
M37/M38	CuZn37	CW508L	C27400	6	130	0.15	15	2.5	100	130	120	2	100	0.3	2
M39	≈CuZn36As	not stand.	not stand.	6	60	0.2	8	2.5	100	130	50	2	100	–	–
MA1	CuZn30As	CW707R	C26130	8	170	0.2	8	2.5	100	130	120	2	130	–	–

* The limit dimensions indicated apply to plain sections with uniform mass distribution. Depending on the shape, they are to be examined in the individual case.

** Common are diameters up to 15 mm and corresponding widths across flat.

Other products and dimensions on request.

Extruded/Drawn Products

	Material designation			Tubes				Sections/ Tube Sections*				Rods		Wire**	
				Outside-Ø		Wall thickness		Circumscribed Ø			Ø / width across flat		Round	Poly-gonal	
														Ø	width across flat
				mm		mm		mm		mm		mm		mm	mm
Wieland	Symbol	EN-no.	UNS-no.	from	up to	from	up to	from	up to	up to	up to	from	up to	≥	≥
Z10	CuZn37Pb0.5	CW604N	C33500	10	300	0.7	20	2.5	130	150	230	2	250	0.3	2
Z11	CuZn35Pb1	CW600N	C34000	6	60	0.25	5	2.5	130	150	50	2	125	0.3	2
Z12	CuZn35Pb2	CW601N	C34200	-	-	-	-	2.5	85	130	-	2	100	0.3	2
Z14	CuZn37Pb2	CW606N	C35300	-	-	-	-	2.5	100	130	-	2	100	0.3	2
Z20	CuZn40	CW509L	C28000	8	120	0.5	7.5	2.5	130	150	90	2	125	0.3	2
Z21	CuZn38Pb2	CW608N	C35000	8	160	0.5	20	2.5	130	150	120	2	125	0.3	2
Z23	CuZn36Pb3	CW603N	C36000	8	130	0.5	20	2.5	100	130	100	2	80	0.3	2
Z29	CuZn39Pb2	CW612N	C37700	8	130	0.5	20	2.5	100	150	-	2	100	0.3	2
Z31/Z41/Z48	CuZn40Pb2	CW617N	C38000	8	170	0.5	20	2.5	130	150	-	2	125	0.3	2
Z32/Z33	CuZn39Pb3	CW614N	C38500	8	170/250	0.5	20	2.5	130	150	-	2	250	0.3	2
Z40	CuZn43Pb2Al	CW624N	C38000	-	-	-	-	-	-	130	-	-	-	-	-
Z45/Z46	CuZn36Pb2As	CW602N	C35330	8	120	1	10	2.5	130	130	-	2/8	100	2	8
Z90	≈CuZn32Pb1	not stand.	C33000	8	120	0.2	8	-	-	-	90	-	-	-	-
S28	CuZn28Sn1As	CW706R	C44300	6	130	0.25	10	-	-	-	90	2	125	-	-
S31	CuZn31Si1	CW708R	not stand.	10	130	1	10	3.5	100	130	-	2	100	2	2
S35	CuZn35Ni3Mn2AlPb	CW710R	not stand.	10	130	1	10	3.5	100	130	-	2	100	2	2
S37	CuZn38Mn1Al	CW716R	not stand.	10	207	1	15	3.5	100	150	-	2	250	-	-
S39	CuZn40Mn2Fe1	CW723R	not stand.	10	130	2.5	8.5	3.5	100	130	-	2	100	2	2
S40	CuZn37Mn3Al2PbSi	CW713R	sim.C67400	13	200	2.75	30	3.5	50	150	-	4	125	2	2
Ecob brass SW1	≈CuZn21Si	not stand.	C69300	15	155	2	10	6	100	130	-	2	70	2	2
B05	CuSn5	CW451K	C51000	6	90	0.1	9	2.5	100	100	70	2	100	0.3	2
B06/BV9	CuSn6	CW452K	C51900	6	90	0.1	9	2.5	100	100	70	2	100	0.3	2
B09/B10	CuSn8	CW453K	C52100	3	90	0.1	10	2.5	100	100	70	2	100	0.3	2
B44	CuSn4Pb4Zn4	CW456K	C54400	-	-	-	-	-	-	-	-	2	20	2	2
FX9	≈CuZn15Mn14Al	not stand.	C66950	-	-	-	-	-	-	-	-	2	4.5	0.3	2
N22	CuNi12Zn24	CW403J	C75700	10	50	0.2	5	2.5	20	-	50	2	42	0.3	2
N29	CuNi18Zn20	CW409J	not stand.	10	50	0.2	5	2.5	20	-	50	2	42	0.3	2
N31	CuNi7Zn39Pb3Mn2	CW400J	C79600	-	-	-	-	3.5	50	80	-	2	40	2	2
N32	CuNi12Zn30Pb1	CW406J	not stand.	-	-	-	-	3.5	10	-	-	2	42	2	2
N35	≈CuNi15Pb2Mn	not stand.	not stand.	-	-	-	-	-	-	-	-	2	-	2	2
N37	CuNi18Zn19Pb1	CW408J	C76300	-	-	-	-	2.5	20	-	-	2	42	2	2

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Other products and dimensions on request.