



## WIRE & TOOLS - Price List 2020

Article number	Type	Part No.	Description	Details	
<b>GOLD WIRE</b>					
W34101	Wedge	H60-22	17µm	VM45A-TIB-1515-3/4-CGM T=012 VBL=045	
W34102		H60-22FP	17µm fine pitch	VM45A-TIB-1515-3/4-CG W=0025 VW=003 VR=008 T=012 VBL=045	
W34103		H60-21	25µm	VM45A-TIB-1520-3/4-CGM T=012 VBL=045	
W34104		H60-21FP	25µm fine pitch	VM45A-TIB-1520-3/4-CG W=0025 VW=003 VR=008 T=012 VBL=045	
W34106		H60-24	33µm	VM45A-TIB-2530-3/4-CGM T=012 VBL=045	
W34107		H60-25	50µm	VN45A-TIB-3540-3/4-CG VBL=045	
C03101	Capillary	H61-17	17µm 11mm	SI-25140-5881E20-ZS36	
C03102		H61-18	17µm 19mm for HB05	SI-25140-5881E20-ZS96	
C21101		H61-17BU	17µm 11mm ball bump	SBB-25063-415A03-ZP36	
C01101		H61-17BN	17µm 11mm bottle neck	SI-25165-5881E30-ZS36TP-300	
C01102		H61-1	25µm 11mm	SI-38200-7481E38-ZS36	
C03103		H61-2	25µm 19mm for HB05	SI-38165-7481E25-ZS96	
C21102		H61-2BU	25µm 11mm ball bump	SBB-38140-92A12-ZP36	
C01103		H61-2BN	25µm 11mm bottle neck	SI-38200-7481E38-ZS36TP-300	
C03104		H61-3	33µm 11mm	SI-46225-7481E-ZM36	
C03105		H61-5	33µm 19mm for HB05	SI-46225-7481E-ZS96	
C03106		H61-4	50µm 11mm	SI-90360-14081E-ZS36	
410001		Wire	H70-22	17,5µm 100m	EI 2-5%, BI >2,5g
410002	H70-21		25µm 100m	EI 0,5-2,5%, BI >11g	
410003	H70-26		33µm 100m	EI 2-8%, BI >11g	
410004	H70-24		50µm 70m	EI 3-10%, BI >30gN	
<b>GOLD RIBBON</b>					
W47101	Ribbon Wedge	H60-8R	13 x 76µm	VR45-TIB-0530-1/16-3/4-FM T=011 VBL=045	
W47102		H60-6R	20 x 100µm	VR45-TIB-0630-1/16-3/4-CGM W=008 T=011 VBL=045	
W47103		H60-7R	20 x 200µm	VR45-TIB-1240-1/16-3/4-CGM W=013 T=012 VBL=045	
W47104		H60-1R	25 x 250µm	VR45-TIB-1440-1/16-3/4-CGM T=012 VBL=045	
411001	Ribbon Wire	H70-28	13 x 76µm 20m	n.a.	
411002		H70-23	20 x 100µm 10m	n.a.	
411003		H70-25	20 x 200µm 10m	EI 3-10%, BI n.a.	
411004		H70-27	25 x 250µm 10m	EI >8%, BI > 90g	
<b>ALUMINUM WIRE</b>					
W34129	Wedge	H60-40	25µm	VN45A-W-2030-3/4-CM VBL=045	
W34110		H60-43	33µm	VN45A-W-2530-3/4-CM VBL=045	
W34111		H60-46	50µm	VN45A-W-3540-3/4-CM VBL=045	
420002	Wire	H74-41	25µm 100m	AlSi 1% EI.>1%, BI.14-16g	
420003		H74-42	33µm 100m	AlSi 1% EI.>1%, BI.17-22g	
420004		H74-43	50µm 70m	AlSi 1% EI.>2%, BI.40-52g	



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<b>HEAVY WIRE</b>					
W68101	Wedge	H74-61	100µm	OSG7-100-W-1/8-2"-GM	
W68106		H74-63	300µm	OSG7-300-W-1/8-2"-GM	
W68109		H74-65	500µm	OSG7-500-W-1/8-2"-GM	
771001	Wire Guide	H74-71	100µm		
771002		H74-73	300µm		
771003		H74-75	500µm		
772001	Cutter	H74-81	100µm		
772002		H74-83	300µm		
772003		H74-85	500µm		
430001	Alu Wire	H74-91	100µm 200m	EL >1%, 20-80g	
430002		H74-93	300µm 200m	EL >5%, 280-400g	
430003		H74-95	500µm 100m	EL 10-20%, >800g	
<b>DIE - BONDING</b>					
753101	Pick & Place Tool	H80-1	100µm tip, 50µm hole	2101-19-W-CT-.004-.002-.001"	
753102		H80-2	254µm tip, 125µm hole	2101-19-DEL-CT-.010-.005-.0025"	
753103		H80-3	500µm tip, 203µm hole	2101-19-DEL-CT-.020-.008-.006"	
753104		H80-4	1016µm tip, 508µm hole	2101-19-DEL-CT-.040-.020-.010"	
754101	Stamping	H81-1	Stamp, 1.1mm ■	2101-16-SEST-STAR TL=TW=1,1mm	
754404		H81-2	Stamp, 0,45mm Ø	2101-16-SEST-ROUND-0.45mm	-
754403		H81-3	Stamp, 0,25mm Ø	2101-16-SEST-ROUND-0.25mm	-
<b>MIXED</b>					
702101	Unplugging	H65	Probe needle, 25 pc		
701101		H66	Tungsten wire, 10 pc		
290011	Substrate	H68-1	TPT Bond Sample, 5 pc	Ceramic square gold surface	
290012		H68-2	TPT PCB sample, 3 pc		
290013		H68-3	TPT Alu substrate, 5 pcs		
290001	Tweezer	H67	TPT Tweezer		
<b>Other Tools and Wires on request, we are happy to help you</b>					

**Standard Terms and Conditions:**

Discount	reduction per type from 10 pcs. 10% / from 20 pcs. 20%
Price	net prices in EUR ex-works Karlsfeld/Germany. Excluding shipping costs.
Payment Terms	14 days after delivery
Delivery Time	from stock or 4 - 6 weeks
Minimum order	250,00 EUR / 300,00 USD
Special Tools	No discount applicable for special ordered tools outside this list