

Precious Metal Products

# Stock programme



# C.HAFNER's stock programme

All products are on stock.

Alloy -/000	Color	Density (g /cm <sup>3</sup> )	Hardness HV 5/30 soft	Melting range (C°)	Delivery forms				
					Casting	Wire 1,0/2,0/3,0/ OW 5,3 mm	Sheets 0,5 mm	Sheets 1,0/2,0/ 4,0 mm	Tube round OD 3,0/4,0/ 5,0/6,0 mm WT 0,5 mm
<b>8 carat coloured gold alloys</b>									
333 GG 11	yellow	10,9	110	850 – 810	■				
333 GG 15	yellow	10,8	110	915 – 830		■ WP		■	
<b>14 carat coloured gold alloys</b>									
585 GG 13 Zn-free	pale yellow	14,1	135	880 – 820	■				
585 GG 15	pale yellow	14,1	125	880 – 835	■	■	■	■	■
585 GG 18	yellow	13,3	140	825 – 790		■		■	
585 GG 19	deep yellow „Hamilton“	13,7	160	850 – 810	■	■		■	
585 RS 28	rosé	13,2	120	910 – 875	■	■ WP		■	
585 RT 29	red	12,9	100	935 – 920	■	■		■	
<b>18 carat coloured gold alloys</b>									
751 GG 14 Zn-free	yellow 2N	15,4	130	920 – 880	■				
751 GG 16	yellow 2N	15,4	130	920 – 880		■	■	■	■
751 GG 21 Zn-free	deep yellow 3N	15,3	145	920 – 880	■				
751 GG 23	deep yellow 3N	15,3	140	920 – 880	■	■	■	■	■
751 RS 30	rosé 4N	14,9	170	880 – 860	■	■		■	■
751 RT 32	red 5N	15,4	180	900 – 875	■	■		■	
<b>Coloured gold alloys &gt; 760/-</b>									
900 GG 10	deep yellow	17,6	65	990 – 950	■	■		■	■
917 GG 10	deep yellow	17,6	70	990 – 950		■ WP		■	
1000 FG 10	fine gold	19,3	25	1063		■		■	
<b>14 carat white gold alloys</b>									
585 WG 11 10% Pd content		14,9	80	1130 – 1050	■	■ WP	■	■	■
585 WG 30 16% Pd content		14,6	135	1090 – 890		■		■	
590 WG 10 15% Pd content		14,5	170	1075 – 1000	■	■		■	
<b>18 carat white gold alloys</b>									
751 WG 23 7% Pd content	champagne	15,9	130	1050 – 945		■ WP			
751 WG 19 10% Pd content		16,0	100	1180 – 1050	■				
751 WG 14 13% Pd content		15,7	125	1080 – 1040		■	■	■	■
751 WG 11 14% Pd content		16,1	180	1090 – 1020	■	■		■	
751 WG 38 16% Pd content	grey gold	15,8	135	1140 – 1060		■		■	
<b>Palladium alloys cepall®</b>									
500 PD 10	dark grey	11,1	90	1280 – 1200	■	■	■	■	■
950 PD 10	grey	11,7	85	1400 – 1340	■	■		■	■
950 PD 12	silver grey	12,0	100	1660 – 1565	■	■ WP		■	
<b>Platinum alloys</b>									
800 PT 10 (Ir)		21,7	190	1830 – 1815		■ WP			
950 PT 10 (Co)		20,2	150	1740 – 1730	■				
950 PT 11 (W)		21,3	155	1845 – 1830		■ WP		■	
960 PT 10 (Cu)		20,3	110	1745 – 1730		■		■	
950 PT 31		20,6	175	1680 – 1640	■				
950 PT 25		20,6	160	1680 – 1640		■		■	
<b>Silver alloys</b>									
935 AG 11		10,3	75	900 – 800	■	■	■	■	■
1000 AG 10	fine silver	10,5	25	960		■ WP			

All listed alloys are also available in a wide range of other shapes and sizes. Please feel free to contact us. All items are subject to our standard tolerances.

Sheet width: Au/Pt/Pd 10–90 mm, Ag 10–140 mm

Alloy -/000	Solder soft		Solder medium		Solder hard		Solder pastes Extra-soft		Solder pastes soft		Solder pastes medium		Solder pastes hard	
	Solder No.	AT (C°)	Solder No.	AT (C°)	Solder No.	AT (C°)	Solder No.	AT (C°)	Solder No.	AT (C°)	Solder No.	AT (C°)	Solder No.	AT (C°)

**8 carat coloured gold solders**

333 GG 11	2410	725	2420	730	2400	750	x	CF 8KYS	695	CF 9KYM	720	CF 9KYH	742
333 GG 15	2410	725	2420	730	2400	750	x	CF 8KYS	695	CF 9KYM	720	CF 9KYH	742

**14 carat coloured gold solders**

585 GG 13	2450	740	2440	775	2430	815	CF 14KYES4	610	CF 14KYS	720	CF 14KYM	760	CF 14KYH	785
585 GG 15	2450	740	2440	775	2430	815	CF 14KYES4	610	CF 14KYS	720	CF 14KYM	760	CF 14KYH	785
585 GG 18	x	2450	740	2440	775	CF 14KYES4	610	CF 14KYS	720	CF 14KYM	760	CF 14KYH	785	
585 GG 19	x	2450	740	2440	775	CF 14KYES4	610	CF 14KYS	720	CF 14KYM	760	CF 14KYH	785	
585 RS 28	x	x	x	x	x	x	CF 14KPS	730	x	CF 14KRH	780			
585 RT 29	x	x	x	x	x	x	CF 14KPS	730	x	CF 14KRH	780			

**18 carat coloured gold solders**

751 GG 14	2480	740	2470	790	2460	815	CF 18KYES2	630	CF 18KYS	735	CF 18KYM	763	CF 18KYMh	800
751 GG 16	2480	740	2470	790	2460	815	CF 18KYES2	630	CF 18KYS	735	CF 18KYM	763	CF 18KYMh	800
751 GG 21	2480	740	2470	790	2460	815	CF 18KYES2	630	CF 18KYS	735	CF 18KYM	763	CF 18KYMh	800
751 GG 23	2480	740	2470	790	2460	815	CF 18KYES2	630	CF 18KYS	735	CF 18KYM	763	CF 18KYMh	800
751 RS 30	x	x	x	x	x	x	CF 18KPS	710	CF 18KRM2	790	x			
751 RT 32	x	1100	800	1090	880	x	CF 18KPS	710	CF 18KRM2	790	x			

**Coloured gold solders**

900 GG 10	x	23022	870	23021	915	x	CF 22KYES	810	x	x
917 GG 10	x	23022	870	23021	915	x	CF 22KYES	810	x	x
1000 FG 10	x	23022	870	23021	915	x	x	x	x	

**14 carat white gold solders**

585 WG 11	15500*	740	15530	815	15530	860	CNF 14KWES	710	CNF 14KWS2	730	CNF 14KWM	770	CNF 14KWH	810
585 WG 30	15500*	740	15530	815	15530	860	CNF 14KWES	710	CNF 14KWS2	730	CNF 14KWM	770	CNF 14KWH	810
590 WG 10	15500*	740	15530	815	15530	860	CNF 14KWES	710	CNF 14KWS2	730	CNF 14KWM	770	CNF 14KWH	810

**18 carat white gold solders**

751 WG 23	15720	800	15800*	880	15650*	895	CNF 18KWES	750	CNF 18KWS2	770	CNF 18KWM	820	CNF 18KWH	870
751 WG 19	15720	800	15800*	880	15650*	895	CNF 18KWES	750	CNF 18KWS2	770	CNF 18KWM	820	CNF 18KWH	870
751 WG 14	15720	800	15800*	880	15650*	895	CNF 18KWES	750	CNF 18KWS2	770	CNF 18KWM	820	CNF 18KWH	870
751 WG 11	15720	800	15800*	880	15650*	895	CNF 18KWES	750	CNF 18KWS2	770	CNF 18KWM	820	CNF 18KWH	870
751 WG 38	15720	800	15800*	880	15650*	895	CNF 18KWES	750	CNF 18KWS2	770	CNF 18KWM	820	CNF 18KWH	870

**Palladium cehapall® solders**

500 PD 10	16740*	740	16720	950	16710	1110	x	CF PDAG	880	CF PD	900	CF PDA	1000
950 PD 10	16740*	740	16720	950	16710	1110	x	CF PDAG	880	CF PD	900	CF PDA	1000
950 PD 12	x	16720	950	16710	1110	x	CF PDAG	880	CF PD	900	CF PDA	1000	

**Platinum solders**

800 PT 10 (Ir)	16640	950	16630	1080	16620	1235	x	CF PTS	880	CF PTM	920	CF PDA	1000
950 PT 10 (Co)	16640	950	16630	1080	16620	1235	x	CF PTS	880	CF PTM	920	CF PDA	1000
950 PT 11 (W)	16640	950	16630	1080	16620	1235	x	CF PTS	880	CF PTM	920	CF PDA	1000
960 PT 10 (Cu)	16640	950	16630	1080	16620	1235	x	CF PTS	880	CF PTM	920	CF PDA	1000
950 PT 24	16640	950	16630	1080	16620	1235	x	CF PTS	880	CF PTM	920	CF PDA	1000
950 PT 25	16640	950	16630	1080	16620	1235	x	CF PTS	880	CF PTM	920	CF PDA	1000
950 PT 24/25	Additional platinum solder extra hard:				16665	1250	x	CF PTS	880	CF PTM	920	CF PDA	1000

**Silver solders**

935 AG 11	40130	650	40010	740	40000	790	CF 56	650	CF 65	690	CF 70	730	CF 75	770
1000 AG 10	x	x	40000	790	CF 56	650	CF 65	690	CF 70	730	CF 75	770		



**Precious metal recycling.  
Efficient and “green”.**

Highest standards of technology in terms of refining and environmental protection combined with the fastest processing are the hallmarks of C.HAFNER's precious metal recycling service. Our transparent processes form the basis of trust for our customers whom we also support through customer service, finance and marketing activities.



**Precious metal technology.  
Since 1850.**

C.HAFNER is one of Europe's leading suppliers of products and services in the field of precious metals technology. As a family-run business, we focus on innovative and cost-effective products, close personal contact to our customers and uncompromising environmental standards – out of conviction and true to our tradition.

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