

B-W Grinding Designation Chart

Designation	Coating Name	Composition	Manufacturer	Mat. #s	Min U/C	Max U/C
BW 1-10	JK 135	75 C/C/25NiC/(Chrome Carbide)	Stellite	001A	.015	0.025
BW 1-20	JK 6189	90WC/10NI (Nickel Carbide)	Stellite	002A	.015	0.025
BW 1-30	JK 576	Stellite 6	Stellite	003A	0.020	.050
BW 1-40	JK 120	86WC/10Co/4C	Stellite	004A	.015	0.025
BW 1-50	JK 112	88WC/12Co	Stellite	005A	.015	0.025
BW 1-55	JK 114	88WC/12Co	Stellite	006A	.015	0.025
BW 1-60	JK 591	Hastelloy C	Stellite	007A	.015	0.025
BW 1-70	JK 718	Inconel 718	Stellite	008A	0.020	.050
BW 1-80	JK 125	70WC/6W/20C/4C	Stellite	009A	.015	0.025
BW 1-90	JK 513	316SS	Stellite	010A	0.020	.060
BW 1-100	JK 625	Inconel 625	Stellite	011A	0.020	.050
BW 1-110	JK 592	Hastelloy D	Stellite	012A	0.020	.050
BW 1-115	JK575	STELLITE 1 HV0F POWDER(NO EQUIVALENT)	Stellite	013A	0.020	.050
BW 1-120	JK 558	T-800	Stellite	014A	.015	.050
BW 1-125	JK 6751H (Ultimet)	Ultimet	Stellite	015A		
BW 1-125	JK-572	Stellite 12	Stellite	016A		
JPS000						
BW 2-10	Woka 7207	75 C/C/25NiC/(Chrome Carbide)	Sulzer/Woka	001B	.015	.080
BW 2-15	TAFa 1375	75 C/C/25NiC/(Chrome Carbide)	TAFa	002B		
BW 2-20	HA-8310	90WC/10NI (Tungsten Carbide)	NAS	003B	.015	.050
BW 2-25	TafA 1310	90WC/10NI (Tungsten Carbide)	TafA /Sulzer/Woka	004B	.015	.050
BW 2-30	TafA 1275	Colmonoy # 5/6 (NiC/Boron)	TafA /Sulzer/Woka	005B	.015	.050
BW 2-35	N580 HV1	Colmonoy # 5/6 (NiC/Boron)	Astro Alloys	006B	.015	.050
BW 2-40	63 HV	Colmonoy # 5/6 (NiC/Boron)	Astro Alloys	007B		
BW 2-50	TafA 1350	86WC/10Co/4C	TafA /Sulzer/Woka	008B	.015	.050
BW 2-55	TafA 1342	88WC/12Co	TafA	009B	.015	.050
BW 2-60	TafA 1356VM	73WC/7W/20C-	TafA	010B		
BW 2-65	TAS WC-360	90WC/10NI (Tungsten Carbide)	C&M	011B		
BW 2-70	HA-7202-2	Inconel 718	NAS	012B		
BW 2-75	TafA 1278	Inconel 718	TafA	013B	0.020	.060
BW 2-90	PRAXAIR NI 211-4	NiCAlY	TafA	014B		
BW 2-100	TafA 1236F	316SS	TafA	015B	0.020	.060
BW 2-120	TafA 1265F	Inconel 625	TafA	016B	0.020	.060
BW 2-130	TAS C/C-410	75 C/C/25NiC/(Chrome Carbide)	C&M	017B		
BW 2-140	TAFa 1343	83%Ti/17%Co	TafA/P/Praxair	018B	0.020	.060
BW 2-150	TAFa 1256	Co-C-Tungsten-Fe-Ni (Stellite 6)	TafA/P/Praxair	019B	0.020	.060
BW 2-160	Stellite 12W		Stellite	020B		
BW 2-180	CO-210-24	CONIGRALY POWDER	TafA/P/Praxair	021B	N/A	N/A
BW 2-190	AMPERIT 410.001	NiC/CAlY	HC STARCK	022B		
BW 2-195	TAFa 1269	C-27/6 HASTELLOY	PRAXAIR/Astro Alloys	023B	.015	.050
BW 2-200	Praxair 1245F	Alloy 31	Astro Alloys	024B	.015	.050
BW 2-205	Praxair 1234	420 SS	PRAXAIR/Astro Alloys	025B		
BW 2-210	HA 2375	75 C/C/25NiC/(Chrome Carbide)	NAS	026B		
BW 2-215	NAS 90-10	90WC/10NI (Tungsten Carbide)	NAS	027B		
BW 2-220	PMET 75-25	75 C/C/25NiC/(Chrome Carbide)	NAS	028B		
BW 2-225	Astro Alloys 86-10-4(1350)	86WC/10Co/4C	Astro Alloys	029B		
BW 2-230	Colmonoy 88	NiC/Boron/Tungsten	Astro Alloys	030B		
Wire Arc						
BW 3-10	60T	420 SS/Chrome Steel	TAFa	001C	0.020	0.125
BW 3-15	HA-775	Nickel Aluminum 95/5	NAS	002C		
BW 3-20	75B	Nickel Aluminum 95/5	TAFa	003C	0.020	0.125
BW 3-25	71T	Nickel-Chrome-Moly Wire(Inco 625)	TAFa	004C	0.020	.050
BW 3-30	78T	Inconel 718	TAFa	005C	0.020	.080
BW 3-35	HA-778	Inconel 718	NAS	006C		
BW 3-40	HA-613	Moly	NAS	005C		
BW 3-50	06C	Nickel Chrome 80/20	TAFa	008C	0.020	0.060
BW 3-60	10 T	Aluminum Bronze	TAFa	010C	0.020	0.125
BW 3-70	95 MXC	Ultra Hard Wire	TAFa	011C	0.020	0.060
BW 3-80	11T	Nickel Alum. Bronze	TAFa	012C	0.020	0.125
BW 3-90	70T	Monel	TAFa	013C	0.020	0.060
BW 3-100	PMET 885	Nickel Aluminum	NAS	014C		
BW 3-105	85T	316SS 1/16" WIRE	TAFa	015C	.020	0.125

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BW 3-110	05T	Copper Wire Arc Spray Wire	TAFA	016C			
BW 3-115	HA-597	IRON-NICKEL-CHROMIUM	NAS	017C			
BW 3-120	13T	MOLLY	Astro Alloys	018C			
BW 3-125	76MXC	Nickel Chrome Aluminum	Astro Alloys	019C			
BW 3-130	74MXC	Moly Nickel Alum	Astro Alloys	020C			
BW 3-140	80T	18-8 Stainless Steel	Astro Alloys	021C			
BW 3-145	77T	IN Chrome Moly Hastloy C	Astro Alloys	022C			
BW 3-150	24CA Alcro	Iron Chrome Alum	Astro Alloys	023C			
BW 3-155	PMEI 818	Inconel 718	NAS	024C			
BW 3-160	90 MXC	Ultra Hard Wire	Astro Alloys	025C			
BW 3-165	106MXC	Nickel Chrome Cobalt	Astro Alloys	026C			
BW 3-170	PMEI 887	Nickel Chrome Aluminum	Astro Alloys	027C			
Plasma							
BW 4-10	Metco 42C/Astro Alloys MP420	High Chromium Stainless	Sulzer Metco/Astro Alloys	001D	.015	.100	
BW 4-15	Metco 81VFN5	75 Cr/C/25NiCr(Chrome Carbide)	Sulzer Metco	002D	.015	.090	
BW 4-20	#183	Aluminum Oxide	Saint Gobain	003D	.015	.090	
BW 4-25	Amdry 2010/SM 601	Aluminum Polyester	Sulzer Metco	004D	.015	.125	
BW 4-30	Metco 54NS	Aluminum Spherical Powder	Sulzer Metco	005D			
BW 4-35	HA-1090-2	Aluminum Spherical Powder	NAS	006D			
BW 4-40	PP-20(54NS)	Aluminum Spherical Powder	Bay State	007D			
BW 4-45	HA-3106	Chrome Oxide	NAS	008D	.015	.090	
BW 4-50	Metco 45VF-NS Powder 5	Alloy 31	Sulzer Metco	009D			
BW 4-55	Metco 2043	CoNiCrAlY-Boron	Sulzer Metco	010D			
BW 4-60	Metco 450 NS	Nickel Aluminum	Sulzer Metco	011D	.015	.090	
BW 4-65	Metco 410 NS # 5	Plasma	Sulzer Metco	012D			
BW 4-70	Metco 443	Nickel Chrome Aluminum	Sulzer Metco	013D	.015	.090	
BW 4-75	Amdry 995C Metco	NiCrAlY	Sulzer Metco	014D	.015	.090	
BW 4-80	NI-202 PRAXAIR	INCONEL 718	PRAXAIR/Astro Alloys	015D		.090	
BW 4-85	CO-211-45	CoNiCrAlY	Tafa/Praxair	016D			
BW 4-90	Amdry204NS-1 Metco	Yttria Stab class B	Sulzer Metco	017D			
BW 4-95	HA-9204-1	Yttria Stab class B	NAS	018D			
BW 4-100	Metco 204C-NS	ZrO8VO	Sulzer Metco	019D			
BW 4-105	Metco 444 SS	Self Bonding Stainless	Sulzer Metco	022D	.015	.090	
BW 4-110	Praxair NI164/NI211	NiCrAlY	Sulzer Metco	024D			
BW 4-115	Amdry 962 (9620) Metco	NiCrAlY	Sulzer Metco	025D			
BW 4-120	101B-NS GRAY	Aluminum Oxide/Titanium	Sulzer Metco	026D			
BW 4-125	Metco 106F Powder	Chrome Oxide "fine"	Sulzer Metco	027D	.015	.090	
BW 4-130	Metco 71VF-NS	Tungsten Carbide	Sulzer Metco	029D			
BW 4-135	Metco 447	Moly Nickel Alum	Sulzer Metco	030D			
BW 4-140	480NS	Nickel Alum	Sulzer Metco	031D			
BW 4-150	2460NS		Sulzer Metco	032D			
BW 4-160	XPT 510	NiCrAlY	Sulzer Metco	033D			
BW 4-165	Metco 4198	MCrAlY	Sulzer Metco	034D			
BW 4-170	Ametek Alloy 20	Alloy 20	Astro Alloys	035D			
BW 4-175	Metco 452	Nickel Iron Alum	Metco	036D			
BW 4-180	Metco 130	Alumina Titanium	Metco	037D			
BW 4-185	Amdry 500F	Copper Nickel Indium	Metco	038D			
BW 4-190	NI-122	Nickel Chrome Aluminum(EQUAL 443)	PRAXAIR/Astro Alloys	039D			
BW 4-195	Metco 204NS-G	Yttria Stab class B	Metco	040D			
BW 4-200	SG-204	Yttria Stab class B	Astro Alloys	041D			
BW 4-205	HA-1010	Alum Oxide	NAS	042D			
BW 4-210	CU-101	Copper Nickel Indium	Astro Alloys	043D			
Rokite							
BW 5-10	MBC AH-498	Aluminum Oxide	Saint Gobain	001E	.015	.090	
BW 5-20	MBC TX-603	83% Chrome Oxide 5/16" x 24"	Saint Gobain	002E	.015	.090	
BW 5-30	MBC TX-603	83% Chrome Oxide 1/4" x 24"	Saint Gobain	003E	.015	.090	
Flame Spray							
BW 6-10	Metco 307NS	Nickel Graphite	Sulzer Metco	001F			
12E							
BW 7-10	13TA	Molly	Astro Alloys	001G			
BW 7-20	718 Inconel	Inconel	NAS	002G			