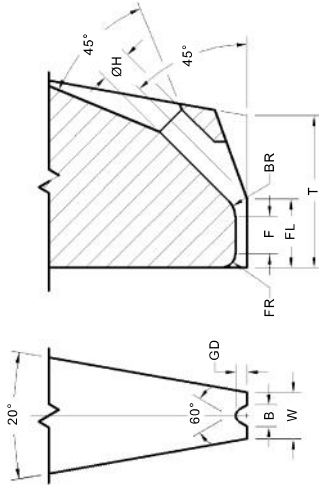


AB16 STYLE



STANDARD DIMENSIONS											
Tool Styles - Wire Size / Foot Size	Useable Wire Diameter / WD in / μ m	Hole Diameter / H in / μ m	Foot Length / FL in / μ m	Front Radius / FR in / μ m	Back Radius / BR in / μ m	Flat / F in / μ m (Ref)	Foot Width / W in / μ m	Tip Length / T in / μ m	Groove Depth / GD in / μ m	Groove Opening / B in / μ m	TL in / mm
AB16-3XS	.0030 / 75	.0055 / 140	.0039 / 99	.0024 / 61	.0036 / 91	.0015 / 38	.0075 / 191	.0220 / 559	.0015 / 38	.0033 / 84	.750 / 19.05
AB16-3S	.0030 / 75	.0055 / 140	.0049 / 124	.0024 / 61	.0036 / 91	.0025 / 64	.0075 / 191	.0230 / 584	.0015 / 38	.0033 / 84	.828 / 21.0
AB16-3R	.0030 / 75	.0055 / 140	.0059 / 150	.0024 / 61	.0036 / 91	.0035 / 89	.0075 / 191	.0240 / 610	.0015 / 38	.0033 / 84	1.000 / 25.4
AB16-3L	.0030 / 75	.0055 / 140	.0069 / 175	.0024 / 61	.0036 / 91	.0045 / 114	.0075 / 191	.0250 / 635	.0015 / 38	.0033 / 84	1.181 / 30.0
AB16-4S	.0040 / 100	.0070 / 178	.0064 / 163	.0032 / 81	.0048 / 122	.0030 / 76	.0100 / 254	.0300 / 762	.0020 / 51	.0044 / 112	1.181 / 30.0
AB16-4R	.0040 / 100	.0070 / 178	.0084 / 213	.0032 / 81	.0048 / 122	.0050 / 127	.0100 / 254	.0320 / 813	.0020 / 51	.0044 / 112	1.181 / 30.0
AB16-4L	.0040 / 100	.0070 / 178	.0094 / 239	.0032 / 81	.0048 / 122	.0060 / 152	.0100 / 254	.0330 / 838	.0020 / 51	.0044 / 112	1.181 / 30.0
AB16-5S	.0050 / 125	.0090 / 229	.0080 / 203	.0040 / 102	.0060 / 152	.0040 / 102	.0125 / 318	.0380 / 965	.0025 / 64	.0055 / 140	1.181 / 30.0
AB16-5R	.0050 / 125	.0090 / 229	.0100 / 254	.0040 / 102	.0060 / 152	.0060 / 152	.0125 / 318	.0400 / 1016	.0025 / 64	.0055 / 140	1.181 / 30.0
AB16-5L	.0050 / 125	.0090 / 229	.0115 / 292	.0040 / 102	.0060 / 152	.0075 / 191	.0125 / 318	.0410 / 1041	.0025 / 64	.0055 / 140	1.181 / 30.0
AB16-6S	.0080 / 200	.0145 / 368	.0130 / 330	.0064 / 163	.0096 / 244	.0065 / 165	.0200 / 508	.0610 / 1549	.0040 / 102	.0086 / 224	1.181 / 30.0
AB16-6R	.0080 / 200	.0145 / 368	.0160 / 406	.0064 / 163	.0096 / 244	.0085 / 241	.0200 / 508	.0640 / 1626	.0040 / 102	.0086 / 224	1.181 / 30.0
AB16-6L	.0080 / 200	.0145 / 368	.0185 / 470	.0064 / 163	.0096 / 244	.0120 / 305	.0200 / 508	.0670 / 1702	.0040 / 102	.0086 / 224	1.181 / 30.0
						(Ref)	$\pm .0010/25$	$\pm .0010/25$	$\pm .0003/8$	$\pm .0006/15$	1.181 / 30.0
AB16-10S	.0100 / 250	.0180 / 457	.0160 / 406	.0080 / 203	.0120 / 305	.0080 / 203	.0080 / 203	.0760 / 1930	.0050 / 127	.0110 / 279	1.181 / 30.0
AB16-10R	.0100 / 250	.0180 / 457	.0200 / 509	.0080 / 203	.0120 / 305	.0120 / 305	.0120 / 305	.0800 / 2032	.0050 / 127	.0110 / 279	1.181 / 30.0
AB16-10L	.0100 / 250	.0180 / 457	.0230 / 584	.0080 / 203	.0120 / 305	.0150 / 381	.0150 / 381	.0830 / 2108	.0050 / 127	.0110 / 279	1.181 / 30.0

STYLE		FEED ANGLE	
AB16	Inline and 60° "V" Groove	45°	60° wire feed available with slimline
WIRE SIZE		MATERIAL	
Specify Wire Size		W : Tungsten Carbide Ultra Fine Grain for Aluminum Wire	
Tool Dia	TD in / mm $\pm .0001"/3\mu$ m	TDF in / mm $\pm .0005"/13\mu$ m	Specified Length
1/16	.0624 / 1.585	.0570 / 1.448*	3/4
1/8	.1249 / 3.172	.0937 / 2.378***	L
2mm	.0785 / 1.995@	.0630 / 1.600*	1.00
3mm	.1180 / 2.997	.0985 / 2.502**	30mm
NOTE			
*	limited size availability.		
**	.110" / 2.79mm TDF supplied if required by foot geometry.		
***	.1180" / 3.00mm TDF supplied if required by foot geometry.		
@	Tolerance +0 / - .0002" / 5 μ m		
FOOT OPTIONS			
G	The FR and BR are polished and a fine matte finish is within the area of the groove. (Standard)		
GM	The FR, BR and groove have a matte finish		
HOW TO ORDER			
SPECIFY	Style - Wire / Foot Size - Material - Tool Diameter - Tool Length - Foot Option (For modifications to standard tools, use part number and specify modified dimensions or contact our technical support staff for assistance with your requirements). For Shank Style refer to page 62.		
EXAMPLE	AB16 - 5R - W - 3mm - L - GM AB16 - 8L - W - 1/8 - L - G		