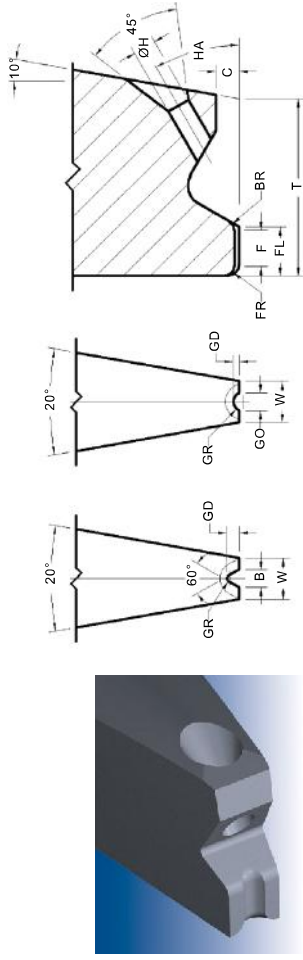


1015A, 2015A / 1016A, 2016A STYLE



V - GROOVE
1015A, 2015A
1016A, 2016A

U - GROOVE
1015A,
2015A

HA = 30°
HA = 45°

STANDARD DIMENSIONS

Tool Styles	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	Foot Width W in / μ m	Clearance C in / μ m (Ref)	Tip Length T in / μ m	Groove Depth GD in / μ m	Groove Opening GO in / μ m
	.0030 / 75	.0045 / 114	.0090 / 229	.0018 / 46	.0018 / 46	.0085 / 165	.0075 / 191	.0040 / 102	.0350 / 889	.0009 / 23	.0032 / 81
	.0040 / 100	.0060 / 152	.0120 / 305	.0024 / 61	.0024 / 61	.0090 / 229	.0100 / 254	.0040 / 102	.0400 / 1016	.0012 / 30	.0042 / 107
	.0050 / 125	.0075 / 191	.0150 / 381	.0030 / 76	.0030 / 76	.0110 / 279	.0125 / 318	.0040 / 102	.0450 / 1143	.0015 / 38	.0053 / 135
1015A	.0060 / 150	.0900 / 229	.0180 / 457	.0036 / 91	.0036 / 91	.0135 / 343	.0150 / 381	.0040 / 102	.0500 / 1270	.0018 / 46	.0063 / 160
2015A	.0070 / 175	.0105 / 267	.0210 / 533	.0042 / 107	.0042 / 107	.0155 / 394	.0175 / 445	.0040 / 102	.0570 / 1448	.0020 / 51	.0071 / 180
	.0080 / 200	.0120 / 305	.0240 / 533	.0048 / 122	.0048 / 122	.0160 / 408	.0200 / 508	.0040 / 102	.0620 / 1584	.0024 / 61	.0084 / 213
	.0100 / 250	.0150 / 381	.0210 / 533	.0060 / 152	.0060 / 152	.0190 / 330	.0250 / 635	.0040 / 102	.0670 / 1718	.0030 / 76	.0105 / 267
	.0120 / 300	.0180 / 457	.0300 / 762	.0072 / 183	.0072 / 183	.0210 / 533	.0300 / 762	.0060 / 152	.0880 / 2235	.0036 / 91	.0126 / 320
		$\pm .0005/13$	$\pm .0005/13$	$\pm .0005/13$	$\pm .0005/13$	(Ref)	$\pm .0005/13$	(Ref)	$\pm .0010/25$	$\pm .0002/5$	$\pm .0005/13$
	.0030 / 75	.0045 / 114	.0090 / 229	.0018 / 46	.0018 / 46	.0070 / 178	.0075 / 191	.0040 / 102	.0350 / 889	.0015 / 68	.0033 / 84
	.0040 / 100	.0060 / 152	.0120 / 305	.0024 / 61	.0024 / 61	.0085 / 241	.0100 / 254	.0040 / 102	.0400 / 1016	.0020 / 51	.0044 / 112
	.0050 / 125	.0075 / 191	.0150 / 381	.0030 / 76	.0030 / 76	.0115 / 292	.0125 / 318	.0040 / 102	.0450 / 1143	.0025 / 64	.0055 / 140
1016A	.0060 / 150	.0900 / 229	.0180 / 457	.0036 / 91	.0036 / 91	.0140 / 356	.0150 / 381	.0040 / 102	.0500 / 1270	.0030 / 76	.0066 / 168
2016A	.0070 / 175	.0105 / 267	.0210 / 533	.0042 / 107	.0042 / 107	.0165 / 419	.0175 / 445	.0040 / 102	.0570 / 1448	.0035 / 89	.0077 / 196
	.0080 / 200	.0120 / 305	.0210 / 533	.0048 / 122	.0048 / 122	.0155 / 394	.0200 / 508	.0040 / 102	.0620 / 1584	.0040 / 102	.0088 / 224
	.0100 / 250	.0150 / 381	.0210 / 533	.0060 / 152	.0060 / 152	.0145 / 368	.0250 / 635	.0040 / 102	.0670 / 1718	.0050 / 127	.0110 / 279
	.0120 / 300	.0180 / 457	.0300 / 762	.0072 / 183	.0072 / 183	.0220 / 559	.0300 / 762	.0060 / 152	.0880 / 2235	.0060 / 152	.0132 / 335

STYLE	FEED ANGLE
1015A	30°
1016A	30°
2015A	45°
2016A	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 / μ m $\pm .0001/3\mu$ m	TDF in / μ m $\pm .0005/13\mu$ m	Specified Length	TL in / μ m $\pm .005/130\mu$ m
1/16	.0624 / 1.585	.0570 / 1.448*	3/4	.750 / 19.05
1/8	.1249 / 3.172	.0937 / 2.378***	L	.828 / 21.0
2mm	.0785 / 1.995 @	.0630 / 1.600*	1.00	1.000 / 25.4
3mm	.1180 / 2.997	.0985 / 2.502**	30mm	1.181 / 30.0

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 - 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	1016A - 5 - W - 3mm - L - GM 1015A - 8 - W - 1/8 - L - G 2015A-10 - W - 3MMJ - 1.00-G 2016A-12 - W - 1/8-1.00-GM