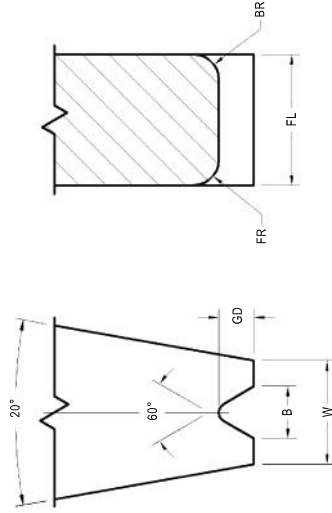
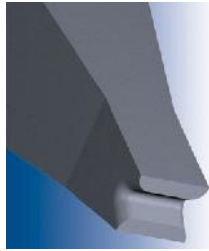


LWD6 STYLE



STANDARD DIMENSIONS

| Tool Styles - Wire Size | Useable Wire Diameter WD in / μm | Foot Length FL in / μm $\pm .000318$ | Front/Back Radius FR = BR in / μm (Ref) | Foot Width W in / μm $\pm .000318$ | Groove Depth GD in / μm Min | Groove Opening B in / μm $\pm .000318$ | Relief E in / μm $\pm .010/254$ -0 |
|-------------------------|------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|----------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|
| LWD6-75 | .0300 / 75 | .0080 / 203 | .0015 / 38 | .0075 / 191 | .0021 / 53 | .0033 / 84 | .0200 / 508 |
| LWD6-100 | .0400 / 100 | .0105 / 267 | .0020 / 51 | .0100 / 254 | .0028 / 71 | .0044 / 112 | .0200 / 508 |
| LWD6-125 | .0500 / 125 | .0130 / 330 | .0025 / 64 | .0120 / 305 | .0035 / 89 | .0055 / 140 | .0200 / 508 |
| LWD6-150 | .0600 / 150 | .0155 / 394 | .0030 / 76 | .0140 / 356 | .0042 / 107 | .0066 / 168 | .0200 / 508 |
| LWD6-175 | .0700 / 175 | .0180 / 457 | .0035 / 89 | .0155 / 394 | .0049 / 124 | .0077 / 196 | .0200 / 508 |
| LWD6-200 | .0800 / 200 | .0205 / 521 | .0040 / 102 | .0175 / 445 | .0056 / 142 | .0088 / 224 | .0200 / 508 |
| | | $\pm .000513$ | (Ref) | $\pm .000513$ | Min | $\pm .000513$ | $\pm .010/254$ -0 |
| LWD6-250 | .1000 / 250 | .0270 / 686 | .0050 / 127 | .0215 / 546 | .0070 / 178 | .0110 / 279 | .0400 / 1016 |
| LWD6-300 | .1200 / 300 | .0305 / 775 | .0060 / 152 | .0255 / 648 | .0084 / 213 | .0132 / 335 | .0400 / 1016 |
| LWD6-350 | .1400 / 350 | .0330 / 838 | .0070 / 178 | .0285 / 749 | .0098 / 249 | .0154 / 391 | .0400 / 1016 |
| LWD6-380 | .1500 / 380 | .0345 / 876 | .0075 / 191 | .0315 / 800 | .0105 / 267 | .0165 / 419 | .0600 / 1524 |
| LWD6-400 | .1600 / 400 | .0355 / 902 | .0080 / 203 | .0335 / 851 | .0112 / 284 | .0176 / 447 | .0600 / 1524 |
| LWD6-500 | .0200 / 500 | .0445 / 1130 | .0100 / 254 | .0415 / 1054 | .0140 / 356 | .0220 / 559 | .0600 / 1524 |

| STYLE | | WIRE SIZE | | MATERIAL | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|------------------|---------------------------------------------------------|--|
| LWD6 : 60° Deep V Groove | | Specify Wire Size | | W : Tungsten Carbide Ultra Fine Grain for Aluminum Wire | |
| Tool Dia | TD in / mm $\pm .0001"/3\mu\text{m}$ | TDF in / mm $\pm .0005"/13\mu\text{m}$ | Specified Length | TL in / mm $\pm .005"/130\mu\text{m}$ | |
| 1/16 | .0624 / 1.585 | .0570 / 1.448* | L | .828 / 21.0 | |
| 1/8 | .1249 / 3.172 | .0937 / 2.378*** | 1.00 | 1.000 / 25.4 | |
| 2mm | .0785 / 1.995 @ | .0630 / 1.600* | 20mm | .787 / 20.0 | |
| 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 μm | | | | | |
| 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 LWD6 - 250 - W - 1/8 - 1.00 - G LWD6 - 350 - W - 1/8 - 1.00 - G | | | | | |