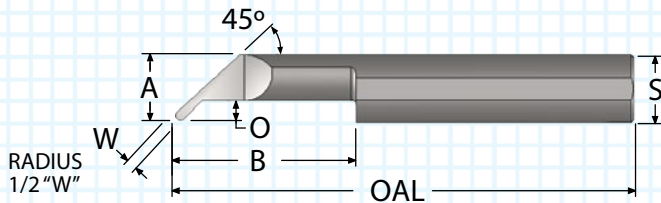


# UNDERCUT GROOVE TOOLS - SOLID CARBIDE

THREAD MILLS



- ALTiN+ coating for higher Surface Feet per Minute
- Elliptically ground for maximum strength
- Polished flute face for optimum performance
- Made with premium submicron grade carbide

SINGLE POINT TOOLS  
GROOVING

## UNDERCUT & PROFILE GROOVE TOOLS

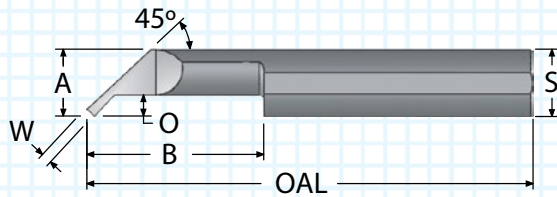
| "A"<br>MIN<br>BORE | "W"<br>TOOL<br>WIDTH | "B"<br>MAX<br>DEPTH | "O"<br>OFF<br>SET | "S"<br>SHANK<br>DIA. | OAL  | ORDER #    |             |
|--------------------|----------------------|---------------------|-------------------|----------------------|------|------------|-------------|
|                    |                      |                     |                   |                      |      | UNCOATED   | ALTiN+      |
| 0.250              | 0.031                | 0.500               | 0.060             | 0.250                | 2.50 | UP25030-8  | UP25030-8A  |
| 0.250              | 0.031                | 1.000               | 0.060             | 0.250                | 2.50 | UP25030-16 | UP25030-16A |
| 0.310              | 0.051                | 0.500               | 0.110             | 0.3125               | 2.50 | UP31050-8  | UP31050-8A  |
| 0.310              | 0.051                | 1.000               | 0.110             | 0.3125               | 2.50 | UP31050-16 | UP31050-16A |
| 0.310              | 0.063                | 1.000               | 0.110             | 0.3125               | 2.50 | UP31062-16 | UP31062-16A |
| 0.310              | 0.063                | 1.250               | 0.110             | 0.3125               | 2.50 | UP31062-20 | UP31062-20A |
| 0.375              | 0.063                | 1.000               | 0.110             | 0.375                | 2.50 | UP37062-16 | UP37062-16A |
| 0.375              | 0.063                | 1.250               | 0.110             | 0.375                | 2.50 | UP37062-20 | UP37062-20A |
| 0.375              | 0.094                | 1.000               | 0.110             | 0.375                | 2.50 | UP37093-16 | UP37093-16A |
| 0.375              | 0.094                | 1.250               | 0.110             | 0.375                | 2.50 | UP37093-20 | UP37093-20A |
| 0.375              | 0.126                | 1.000               | 0.110             | 0.375                | 2.50 | UP37125-16 | UP37125-16A |
| 0.375              | 0.126                | 1.250               | 0.110             | 0.375                | 2.50 | UP37125-20 | UP37125-20A |
| 0.500              | 0.063                | 1.000               | 0.160             | 0.500                | 3.00 | UP50062-16 | UP50062-16A |
| 0.500              | 0.063                | 1.500               | 0.160             | 0.500                | 3.00 | UP50062-24 | UP50062-24A |
| 0.500              | 0.094                | 1.000               | 0.160             | 0.500                | 3.00 | UP50093-16 | UP50093-16A |
| 0.500              | 0.094                | 1.500               | 0.160             | 0.500                | 3.00 | UP50093-24 | UP50093-24A |
| 0.500              | 0.126                | 1.000               | 0.160             | 0.500                | 3.00 | UP50125-16 | UP50125-16A |
| 0.500              | 0.126                | 1.500               | 0.160             | 0.500                | 3.00 | UP50125-24 | UP50125-24A |

INDEXABLE TOOLS

PORT - CAVITY

SPECIALTY

# UNDERCUT GROOVE TOOLS - SOLID CARBIDE



- ALTiN+ coating allows higher Surface Feet per Minute
- Elliptically ground for maximum strength
- Polished flute face for optimum performance

## UNDERCUT GROOVE TOOLS

| "A"<br>MIN<br>BORE | "W"<br>TOOL<br>WIDTH | "B"<br>MAX<br>DEPTH | "O"<br>OFF<br>SET | "S"<br>SHANK<br>DIA. | OAL  | ORDER #    |             |
|--------------------|----------------------|---------------------|-------------------|----------------------|------|------------|-------------|
|                    |                      |                     |                   |                      |      | UNCOATED   | ALTiN+      |
| 0.250              | 0.031                | 0.500               | 0.060             | 0.250                | 2.50 | UC25030-8  | UC25030-8A  |
| 0.250              | 0.031                | 1.000               | 0.060             | 0.250                | 2.50 | UC25030-16 | UC25030-16A |
| 0.310              | 0.051                | 0.500               | 0.110             | 0.3125               | 2.50 | UC31050-8  | UC31050-8A  |
| 0.310              | 0.051                | 1.000               | 0.110             | 0.3125               | 2.50 | UC31050-16 | UC31050-16A |
| 0.310              | 0.063                | 1.000               | 0.110             | 0.3125               | 2.50 | UC31062-16 | UC31062-16A |
| 0.310              | 0.063                | 1.250               | 0.110             | 0.3125               | 2.50 | UC31062-20 | UC31062-20A |
| 0.375              | 0.063                | 1.000               | 0.110             | 0.375                | 2.50 | UC37062-16 | UC37062-16A |
| 0.375              | 0.063                | 1.250               | 0.110             | 0.375                | 2.50 | UC37062-20 | UC37062-20A |
| 0.375              | 0.094                | 1.000               | 0.110             | 0.375                | 2.50 | UC37093-16 | UC37093-16A |
| 0.375              | 0.094                | 1.250               | 0.110             | 0.375                | 2.50 | UC37093-20 | UC37093-20A |
| 0.375              | 0.126                | 1.000               | 0.110             | 0.375                | 2.50 | UC37125-16 | UC37125-16A |
| 0.375              | 0.126                | 1.250               | 0.110             | 0.375                | 2.50 | UC37125-20 | UC37125-20A |
| 0.500              | 0.063                | 1.000               | 0.160             | 0.500                | 3.00 | UC50062-16 | UC50062-16A |
| 0.500              | 0.063                | 1.500               | 0.160             | 0.500                | 3.00 | UC50062-24 | UC50062-24A |
| 0.500              | 0.094                | 1.000               | 0.160             | 0.500                | 3.00 | UC50093-16 | UC50093-16A |
| 0.500              | 0.094                | 1.500               | 0.160             | 0.500                | 3.00 | UC50093-24 | UC50093-24A |
| 0.500              | 0.126                | 1.000               | 0.160             | 0.500                | 3.00 | UC50125-16 | UC50125-16A |
| 0.500              | 0.126                | 1.500               | 0.160             | 0.500                | 3.00 | UC50125-24 | UC50125-24A |

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