



Deep Grooving

TOP NOTCH

A4

A3

A2
GROOVING & CUT-OFF TOOLSMETRIC
INCH

<p>1. A3 Screw-Clamp Holder</p>		<p>2. Tool Style</p> <p>S = straight</p> <p>D = 45° profiling</p> <p>U = 93° V-profiling</p> <p>P = 117.5° V-profiling</p>		<p>5. Shank Size</p> <p>inch sizes: for square shanks, the number indicates the height and width in 1/16-inch increments (rectangular: 1st digit = width in 1/8-inch increments, 2nd digit = height in 1/4-inch increments)</p> <p>metric: height x width in mm, letter indicates tool length according to ISO</p> <p>metric tool length (mm)</p> <p>J = 110 K = 125 X = other length M = 150 P = 170</p>		<p>7. Max. Cutting Depth</p> <p>in millimeters</p>															
<p>3. Support Type</p> <p>S = standard support for a range of groove widths and straight clearance for unlimited workpiece diameters</p> <p>M = maximum support for specific groove widths and straight clearance for unlimited workpiece diameters</p> <p>C = reinforced maximum support with circular clearance</p> <p>A = inboard sweep face grooving toolholder</p> <p>B = outboard sweep face grooving toolholder</p>		<p>4. Hand of Tool</p> <p>R = right</p> <p>L = left</p> <p>N = neutral</p>		<p>6. Seat Size</p> <table border="1"> <thead> <tr> <th>Pocket Seat Size</th> <th>Cutting Width (mm)</th> </tr> </thead> <tbody> <tr><td>03</td><td>3,05</td></tr> <tr><td>04/45</td><td>4,05</td></tr> <tr><td>05</td><td>5,05</td></tr> <tr><td>06</td><td>6,05</td></tr> <tr><td>08</td><td>8,05</td></tr> <tr><td>10</td><td>10,05</td></tr> </tbody> </table>		Pocket Seat Size	Cutting Width (mm)	03	3,05	04/45	4,05	05	5,05	06	6,05	08	8,05	10	10,05	<p>8. Face Grooving Diameter in Inches (optional)</p> <p>Ø min – Ø max</p>	
Pocket Seat Size	Cutting Width (mm)																				
03	3,05																				
04/45	4,05																				
05	5,05																				
06	6,05																				
08	8,05																				
10	10,05																				
<p>A3</p>		<p>S S R</p>		<p>2525M</p> <p>16</p>		<p>03</p> <p>26</p>															



Screw-Clamping Holder Options

A2 inserts are designed to fit all A3-style holders.

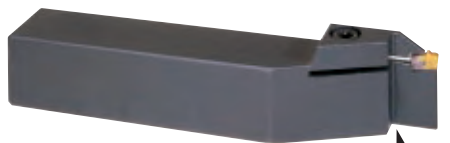


Example:
A3SCR-1603-26

circular clearance

C-style reinforced maximum support toolholder with circular clearance

- provides maximum support for cut-off operations
- for cut-off to center or small through-hole applications
- ideal for A3 deep grooving operations as well



Example:
A3SSR-1605-26

straight clearance

S-style standard support toolholder with straight clearance

- provides maximum flexibility
- unlimited diameter capability for cut-off to through-hole applications
- narrower support blade width allows full insert width flexibility for A3 deep grooving operations
- straight clearance is also available in selected M-style maximum support integral shank and modular toolholders

NOTE: A2 inserts can be used in A3 holders with equal seat sizes.
Torque recommendation for clamp screw see page E53