

Precision Brand Punch Sets

Metric Punch Set: 77-040-300

	<p>Precision Brand Metric Punch Set makes perfect custom washers, shims and gaskets in seconds</p> <p>Eliminates wasted time and material found with conventional punch and dies</p> <p>Incorporates a patented punch, pilot and pin system</p> <p>Ten OD sizes: 3, 4, 5, 6, 7, 8, 10, 12, 16, &amp; 20mm</p> <p>Nine ID sizes: 3, 4, 5, 6, 7, 8, 10, 12 &amp; 16mm</p> <p>Set can produce 44 different OD and ID combinations of shim sizes</p> <p>Cuts steel, brass, copper, aluminium, rubber and plastic effortlessly up to 0.635mm/0.025" thickness</p> <p>Cuts stainless and blue tempered shim up to 0.25mm/0.010" thickness</p> <p>Base and punches made from hardened and ground A-2 steel</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
77-040-300	Metric Punch Set	1077	110	50	210

Important: Initial Adjustment

If the punches are a tight fit and difficult to insert through the PLEXIGLASS® top and are unable to be moved with firm hand pressure Turn the die plate over so the PLEXIGLASS® face is underneath. Insert the punch into the appropriate hole in the steel plate and tap lightly with a hammer to size the hole in the PLEXIGLASS® plate. Repeat this process until the fit becomes workable. Always insert punches with the cutting edge first. Never strike the cutting edge of the punch. The hammer head should always strike the punch squarely on top of the bevelled end

	<p>Instructions:</p> <p>Caution: Eye protection should always be worn when using this equipment</p> <p>Punch I.D. hole first          Attach the appropriate I.D. pilot to the O.D. punch          Move the material so that the I.D. hole is beneath the O.D. guide hole on the top plate          Insert the O.D. punch so that the I.D. pilot locates into the I.D. hole which will automatically centre the material.          Make sure that the O.D. punch has been pushed through the top plate and is touching the material          Strike the punch squarely with enough force to push it through the material with one blow to produce the washer</p> <p>1 I.D Pilot          2 Punch          3 Punch with Pilot assembled          4 Die Plate Assembly</p> <p>For a Video demonstration:          Visit: <a href="http://www.Lineartools.co.uk">www.Lineartools.co.uk</a>          Select: Support then Select Videos</p> <p>Note:</p> <p>If the Punch and Die Set has been exposed to excessive hot or cold temperatures it should be allowed to adjust to room temperature before use</p>
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Precision Brand Punch Sets

Inch Punch Set: 77-040-110

	<p>Precision Brand Metric Punch Set makes perfect custom washers, shims and gaskets in seconds</p> <p>Eliminates wasted time and material found with conventional punch and dies</p> <p>Incorporates a patented punch, pilot and pin system</p> <p>Nine OD sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4"</p> <p>Eight ID sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8"</p> <p>Cuts steel, brass, copper, aluminium, rubber and plastic effortlessly up to 0.635mm/0.025" thickness</p> <p>Cuts stainless and blue tempered shim up to 0.25mm/0.010" thickness</p> <p>Base and punches made from hardened and ground A-2 steel</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
77-040-110	Inch Punch Set	1094	110	50	210

Important: Initial Adjustment

If the punches are a tight fit and difficult to insert through the PLEXIGLASS® top and are unable to be moved with firm hand pressure Turn the die plate over so the PLEXIGLASS® face is underneath. Insert the punch into the appropriate hole in the steel plate and tap lightly with a hammer to size the hole in the PLEXIGLASS® plate. Repeat this process until the fit becomes workable. Always insert punches with the cutting edge first. Never strike the cutting edge of the punch. The hammer head should always strike the punch squarely on top of the bevelled end

	<p>Instructions:</p> <p>Caution: Eye protection should always be worn when using this equipment</p> <p>Punch I.D. hole first          Attach the appropriate I.D. pilot to the O.D. punch          Move the material so that the I.D. hole is beneath the O.D. guide hole on the top plate          Insert the O.D. punch so that the I.D. pilot locates into the I.D. hole which will automatically centre the material.          Make sure that the O.D. punch has been pushed through the top plate and is touching the material          Strike the punch squarely with enough force to push it through the material with one blow to produce the washer</p> <p>1 I.D Pilot          2 Punch          3 Punch with Pilot assembled          4 Die Plate Assembly</p> <p>For a Video demonstration:          Visit: <a href="http://www.Lineartools.co.uk">www.Lineartools.co.uk</a>          Select: Support then Select Videos</p> <p>Note:          If the Punch and Die Set has been exposed to excessive hot or cold temperatures it should be allowed to adjust to room temperature before use</p>
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Precision Brand Punch Sets

Inch Punch Set: 77-040-105

	<p>Traditional style punch and die set                  Provides an economical way of producing washers, shims and gaskets                  Nine punch sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4"                  Clear plastic top plate is marked with accurate centre lines                  Mark centre lines, align punch with centre lines and hit with a hammer                  Cuts steel, brass, copper, aluminium, rubber and plastic effortlessly up to 0.025" thickness                  Cuts stainless and blue tempered shim up to 0.010" thickness                  Base and punches made from hardened and ground A-2 steel</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
77-040-105	Inch Punch Set	1099	110	50	210

Important: Initial Adjustment

If the punches are a tight fit and difficult to insert through the PLEXIGLASS® top and are unable to be moved with firm hand pressure Turn the die plate over so the PLEXIGLASS® face is underneath. Insert the punch into the appropriate hole in the steel plate and tap lightly with a hammer to size the hole in the PLEXIGLASS® plate. Repeat this process until the fit becomes workable. Always insert punches with the cutting edge first. Never strike the cutting edge of the punch. The hammer head should always strike the punch squarely on top of the bevelled end

	<p>Instructions:</p> <p>Caution: Eye protection should always be worn when using this equipment</p> <p>To Punch a Hole:</p> <p>Scribe centre lines on the material to be punched                  Position the material between the tool steel base and the PLEXIGLASS® top                  Line up scribed lines on the material with the centre lines marked on the PLEXIGLASS® top                  Push the punch through the PLEXIGLASS® top until it contacts the material                  Strike the punch squarely with enough force to penetrate the material with one blow</p> <p>To Make a Washer</p> <p>Punch the I.D hole first                  Then proceed to punch the O.D hole ensuring the centre lines are aligned correctly to ensure a concentric washer</p> <p>Note:</p> <p>If the Punch and Die Set has been exposed to excessive hot or cold temperatures it should be allowed to adjust to room temperature before use</p>
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