



**CANOPY
DESIGN
GROUP**

Innovation with Precision



**Manually Actuated Cutting
Tools for Applications
Requiring High Precision,
Enhanced Safety, & Zero
Particle Generation**



Safety & Accuracy by Design

The Soft Punch™ tool was designed as a convenient, highly accurate and safer alternative to standard hammer-driven impact punches.

The extremely sharp cutting edge stays resident inside each Soft Punch tool until the user manually deploys the blade by applying pressure against the spring loaded actuator.

Non-Particle Generating

Unlike hammer-driven impact punches, the blade is “contactless” with respect to cutting surfaces. Each Soft Punch tool uses linear motion components to precisely guide the blade along the vertical axis, through the target media and into the narrow channels of the lower guide plate. The film is held securely between the upper tool and lower tool

body. The tool faces are accurately aligned using magnets located on the tool surfaces.

The scrap generated by the cutting process is held inside the circular blade for removal at a later time. For larger tools or more rigid material, an ejector pin can be installed to release the scrap after each cut.

The Soft Punch approach simplifies and enhances hole cutting operations. “Contactless” cutting also results in longer blade life - since the blade never touches an opposing surface in the cutting process.

Soft Punch Tools & Blade Systems

Each Soft Punch Tool is designed to accommodate a range of hole sizes. Standard blades are available in 1/4” (6mm) increments up to 5” (127mm) diameter.

For more information visit our website at:

www.canopydg.com/contact



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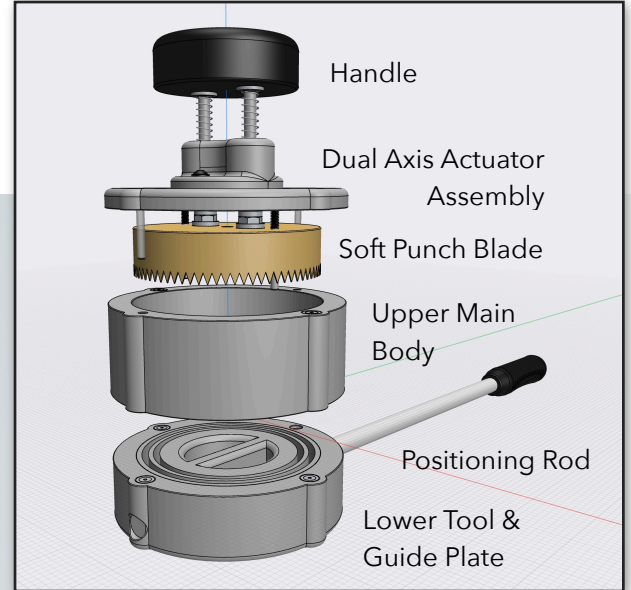


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Ordering Information

How to Order

Soft Punch Tools & Blades can be ordered as an assembly (Tool + Blade combo) or individually (just the punch or blade). To order, start with your required hole diameter and then identify the part numbers for your Soft Punch Assembly (or just the Tool or Blade) from the table below.



Hole Diameter (in/mm)	Soft Punch Assembly (Tool + Blade)	Soft Punch (Tool Only)	Soft Punch (Blade Only)
0.25 (6.4)	CDG-CMB-420-004	CDG-SP-820 Single Axis	CDG-BL1-004
0.50 (12.7)	CDG-CMB-420-008		CDG-BL1-008
0.75 (19.1)	CDG-CMB-420-012		CDG-BL1-012
1.00 (25.4)	CDG-CMB-420-016		CDG-BL1-016
1.25 (31.8)	CDG-CMB-420-020		CDG-BL1-020
1.25 (31.8)	CDG-CMB-2036-020	CDG-SP-2036 Single Axis	CDG-BL1-020
1.50 (38.1)	CDG-CMB-2036-024		CDG-BL1-024
1.75 (44.5)	CDG-CMB-2036-028		CDG-BL1-028
2.00 (50.8)	CDG-CMB-2036-032		CDG-BL1-032
2.25 (57.2)	CDG-CMB-2036-036		CDG-BL1-036
2.25 (57.2)	CDG-CMB-3652-036	CDG-SP-3652 Dual Axis	CDG-BL3-036
2.50 (63.5)	CDG-CMB-3652-040		CDG-BL3-040
2.75 (69.9)	CDG-CMB-3652-044		CDG-BL3-044
3.00 (76.2)	CDG-CMB-3652-048		CDG-BL3-048
3.25 (82.6)	CDG-CMB-3652-052		CDG-BL3-052
3.25 (82.6)	CDG-CMB-5264-052	CDG-SP-5264 Dual Axis	CDG-BL3-052
3.5 (88.9)	CDG-CMB-5264-056		CDG-BL3-056
3.75 (95.3)	CDG-CMB-5264-060		CDG-BL3-060
4.00 (101.6)	CDG-CMB-5264-064		CDG-BL3-064
4.00 (101.6)	CDG-CMB-6480-064	CDG-SP-6480 Dual Axis	CDG-BL3-064
4.25 (108.0)	CDG-CMB-6480-068		CDG-BL3-068
4.50 (114.3)	CDG-CMB-6480-072		CDG-BL3-072
4.75 (120.7)	CDG-CMB-6480-076		CDG-BL3-076
5.00 (127.0)	CDG-CMB-6480-080		CDG-BL3-080

Custom Size & Shapes:

Canopy can design a custom blade (special shape or diameter) to meet your requirements. All custom blades will function in existing Soft Punch Tools.

Technical Data & Accessories:

Soft Punch products are built from a combination of plastic and stainless components. We use both additive and subtractive manufacturing methods to produce each Soft Punch Tool.

Materials of Construction:

Housing: ABS or Delrin

Handle: Aluminum

Soft Punch Blade: Stainless Steel

Linear Shaft: Stainless Steel

Internal Bearings: Stainless Steel

Positioning Rod: Aluminum, Rubber Grip

Assorted Screws & Hardware: Stainless Steel