

# Knockout Punches

## Knockout Punches

RUKO's knockout punch hole-cutting tool includes punch, die and draw bolt (without ball bearing). Use for sheet steel, stainless-steel sheets, non-ferrous and light metals, and plastics. Replacement bolts are offered in three of the most popular sizes.

## Features

- Cuts holes in thin materials quickly, easily, cleanly and without burrs.
- 3-point cut ensures less deformation of the punched parts, preventing damage to the draw-in bolt.
- The optional ball bearing between draw-in bolt and die plate makes handling simpler and quicker, reducing the force required by approx. 67% (replacement bolt part numbers, [103110K](#), [103112K](#), and [103116K](#)).
- The metric draw-in bolts are of the highest quality and are designed for extreme loads. If lost, they can be replaced for short periods of time by standard metric fine threaded bolts.

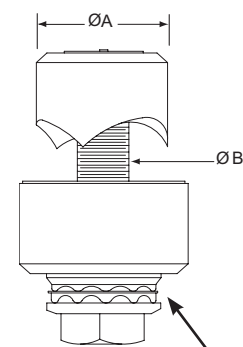


**109220**

| Knockout Punches        |         |         |                                                |                                 |                      |                                                                                                        |                                                                                                                                                                |
|-------------------------|---------|---------|------------------------------------------------|---------------------------------|----------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part #                  | Pcs/Pkg | Price   | Description                                    | Actual Hole Size (Ø A)          | Draw Bolt Size (Ø B) | Trade Hole Size                                                                                        | Works With                                                                                                                                                     |
| <a href="#">109220</a>  | 1       | \$28.50 | Knockout punch hole-cutting tool               | 22 mm                           | M10                  | 22 mm                                                                                                  | <a href="#">101703</a> , <a href="#">103110K</a>                                                                                                               |
| <a href="#">109225</a>  | 1       | \$27.00 |                                                | 22.5 mm                         | M10                  | 22.5 mm                                                                                                | <a href="#">101703</a> , <a href="#">103110K</a>                                                                                                               |
| <a href="#">109300</a>  | 1       | \$37.00 |                                                | 30 mm                           | M12                  | 30 mm                                                                                                  | <a href="#">101703</a> , <a href="#">103112K</a>                                                                                                               |
| <a href="#">109305</a>  | 1       | \$34.50 |                                                | 30.5 mm                         | M12                  | 30.5 mm                                                                                                | <a href="#">101703</a> , <a href="#">103112K</a>                                                                                                               |
| <a href="#">1097012</a> | 1       | \$28.50 |                                                | 0.875 inch                      | M10                  | 1/2 inch                                                                                               | <a href="#">101703</a> , <a href="#">103110K</a> ,<br><a href="#">RPS-16G</a> , <a href="#">RPS-16K</a> ,<br><a href="#">CUR-16G</a> , <a href="#">CUR-16K</a> |
| <a href="#">1097034</a> | 1       | \$31.50 |                                                | 1.115 inch                      | M12                  | 3/4 inch                                                                                               | <a href="#">101703</a> , <a href="#">103112K</a> ,<br><a href="#">RPS-20G</a> , <a href="#">RPS-20K</a> ,<br><a href="#">CUR-20G</a> , <a href="#">CUR-20K</a> |
| <a href="#">1097010</a> | 1       | \$39.00 |                                                | 1.362 inch                      | M12                  | 1 inch                                                                                                 | <a href="#">101703</a> , <a href="#">103112K</a> ,<br><a href="#">RPS-25G</a> , <a href="#">RPS-25K</a> ,<br><a href="#">CUR-25G</a> , <a href="#">CUR-25K</a> |
| <a href="#">1097114</a> | 1       | \$46.00 |                                                | 1.6875 inch                     | M16                  | 1-1/4 inch                                                                                             | <a href="#">101703</a> , <a href="#">103116K</a> ,<br><a href="#">RPS-32G</a> , <a href="#">RPS-32K</a> ,<br><a href="#">CUR-32G</a> , <a href="#">CUR-32K</a> |
| <a href="#">1097112</a> | 1       | \$56.00 |                                                | 1.9375 inch                     | M16                  | 1-1/2 inch                                                                                             | <a href="#">101703</a> , <a href="#">103116K</a>                                                                                                               |
| <a href="#">1097020</a> | 1       | \$59.00 |                                                | 2.375 inch                      | M16                  | 2 inch                                                                                                 | <a href="#">101703</a> , <a href="#">103116K</a>                                                                                                               |
| Replacement Draw Bolts  |         |         |                                                |                                 |                      |                                                                                                        |                                                                                                                                                                |
| <a href="#">103110K</a> | 1       | \$23.00 | M10 replacement bolt with ball-bearing bushing | 22 mm, 22.5 mm<br>1/2 inch      |                      | <a href="#">109220</a> , <a href="#">109225</a> ,<br><a href="#">1097012</a>                           |                                                                                                                                                                |
| <a href="#">103112K</a> | 1       | \$25.00 | M12 replacement bolt with ball-bearing bushing | 30 mm, 30.5 mm<br>3/4 to 1 inch |                      | <a href="#">109300</a> , <a href="#">109305</a> ,<br><a href="#">1097034</a> , <a href="#">1097010</a> |                                                                                                                                                                |

Note: Part number [109225](#) is recommended when punching holes for 22mm pilot devices.

Part number [109305](#) is recommended when punching holes for 30mm pilot devices



Ball bearing only available with replacement draw bolts P/N [103110K](#), [103112K](#)

| Hole Punch Recommendations |             |              |                        |                          |            |
|----------------------------|-------------|--------------|------------------------|--------------------------|------------|
| Draw-In Bolt               | Sheet Steel | Pilot Hole Ø | Stainless Steel Sheets | Non-Ferrous/Light Metals | Plastics   |
| <b>M8 x 1.0 mm</b>         | 14 Ga, 2 mm | 7/16"        | 18 Ga, 1 mm            | 8 Ga, 4 mm               | 8 Ga, 4 mm |
| <b>M10 x 1.0 mm</b>        | 14 Ga, 2 mm | 9/16"        | 18 Ga, 1 mm            | 8 Ga, 4 mm               | 8 Ga, 4 mm |
| <b>M12 x 1.5 mm</b>        | 11 Ga, 3 mm | 19/32"       | 14 Ga, 2 mm            | 8 Ga, 4 mm               | 8 Ga, 4 mm |
| <b>M16 x 1.5 mm</b>        | 11 Ga, 3 mm | 3/4"         | 14 Ga, 2 mm            | 8 Ga, 4 mm               | 8 Ga, 4 mm |