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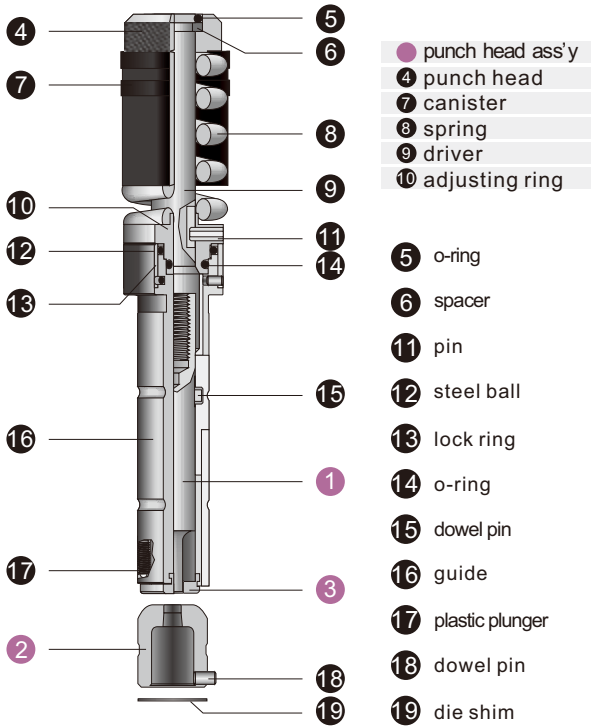


2024

Ultra Series Catalog

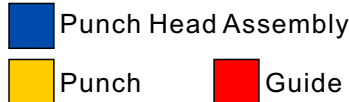
Ultra Series

A/B Station



DESCRIPTION

- | | |
|----------------------|-------------------|
| 1 Punch | 15 Guide |
| 2 Die | 16 Spring Support |
| 3 Stripper | 17 Punch Holder |
| 4 Punch Head | 18 Lock Washer |
| 5 Retainer Ring | 19 Screw |
| 6 Adjust Push Button | 20 Screw |
| 7 Canister | 21 Screw |
| 8 Disc Spring | 22 Stripper Clip |
| 9 10 11 Screw | 23 Ejector |
| 12 Adjusting Shaft | 24 Die Shim |
| 13 Driver | |
| 14 Key | |



A Station: ØD 1-12.7mm (1/2" ~ 1/2")

B Station: ØD 12.71-31.7mm (1/2" ~ 1-1/4")

PRODUCT OVERVIEW

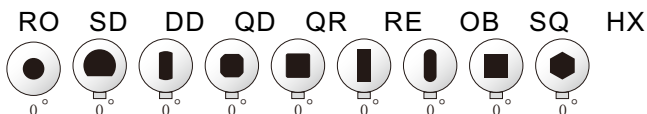
The KU series is one of our's best-selling product lines, prized for its ease of use, reliability, and popularity. All categories are available in stations A, B, C, D and E, offering other mainstream tooling manufacturers.

- Tool-free punch length adjustment is achieved by pushing the click release button and rotating the punch head clockwise or counterclockwise.
- Max grind life for A & B station is 6.3mm.
- Using HRC 63 High-Speed Steel for exceptional durability in high-stress environments.
 - Guides treated with Nitriding process to enhance compressive, wear, and corrosion resistance.
- TiCN coating available upon request for additional protection.
- Interchangeable with other mainstream tooling manufacturers.

KU Series Parts Comparison Chart

Parts	Punch Assembly	Punch Head Assembly	Punch	Die	Open Guide	Stripper Plate
Series						
KU	●	●	●	●	●	●

Standard Shapes



DESCRIPTION

Mate offers a wide range of C, D and E Station tooling systems to fit virtually any punching application.



ULTRA

- 0.212(5.38) more punch grind life than Original Style
- Quick change strippers
- Quick length adjustment
- Internal lubrication within punch guide
- External lubrication between guide and turret bore ensures uniform distribution of oil within the turret bore
- Hardened guides to reduce turret bore wear
- Slug Free dies eliminate slug pulling

ORIGINAL STYLE PUNCHES

Mate Original Style punches are fully OEM compatible. Made from premium high speed tool steel for optimal wear resistance, the punches include a 1/4 degree back taper and near polished flanks to reduce friction and eliminate galling.

C STATION



D STATION



E STATION



STANDARD STRIPPER PLATE OPTIONS

Fully OEM compatible with close tolerance openings for superior piece part quality.

C STATION



D STATION



E STATION



C Station: ØD 31.71-50.80mm (1-¼"~2")

D Station: ØD 50.81-88.90mm (2"~3-½")

E Station: ØD 88.91-114.30mm (3-½"~4-½")

PRODUCT OVERVIEW

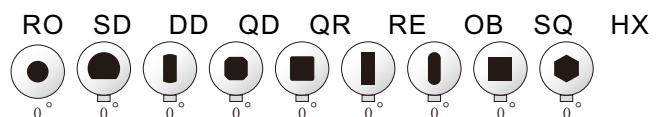
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KU Series Parts Comparison Chart

Series	Parts	Punch Assembly	Punch Head Assembly	Punch	Die	Guide	Guide Assembly	Stripper Plate
KU		●	●	●	●	●	●	●

- Tool-free punch length adjustment is achieved by pressing the quick adjust button and rotating the punch head clockwise or counterclockwise.
- Max grind life for C, D, E station is about 8mm
- Using HRC 63 High-Speed Steel for exceptional durability in high-stress environments.
- TiCN coating available upon request for additional protection.
- Rooftop shear available upon request.
- Comes in 3 standard guiding pin angles of 0, 90, 225.
- Interchangeable with other mainstream tooling manufacturers.

Standard Shapes



Deal Tech

SOLUTIONS

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