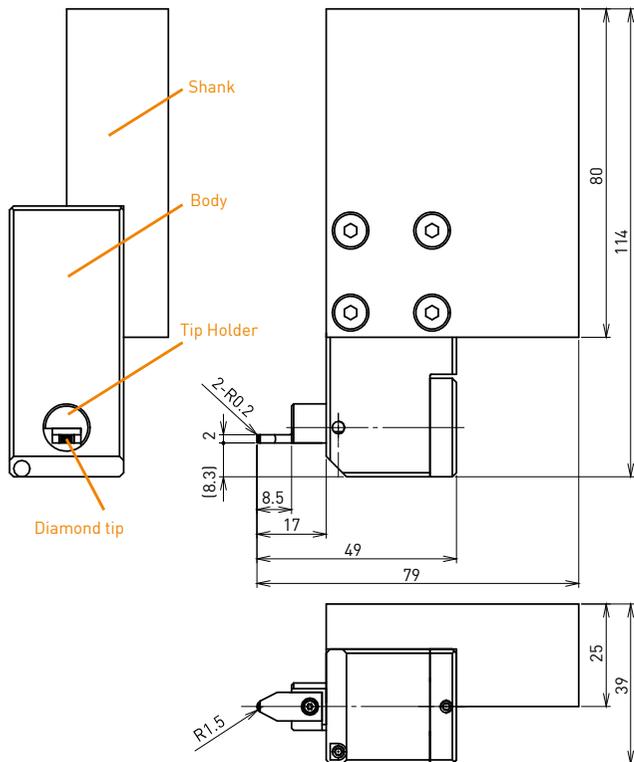


Single Roller Type

Superroll CEZF (For groove end surface)

Dimensional drawing (mm)

* Right handed model



Representative specification

Tool model	Shank size
CEZF-1D2W8HR-S25	□25
CEZF-1D2W8HL-S25	

* There is no standard type and every type is special type for Superroll CEZF as of February 2021.
 * Another specification other than above drawing are also designed and made to suit the shape of customer's workpieces.
 * Left-handed specification is the same as right-handed one other than Shank.

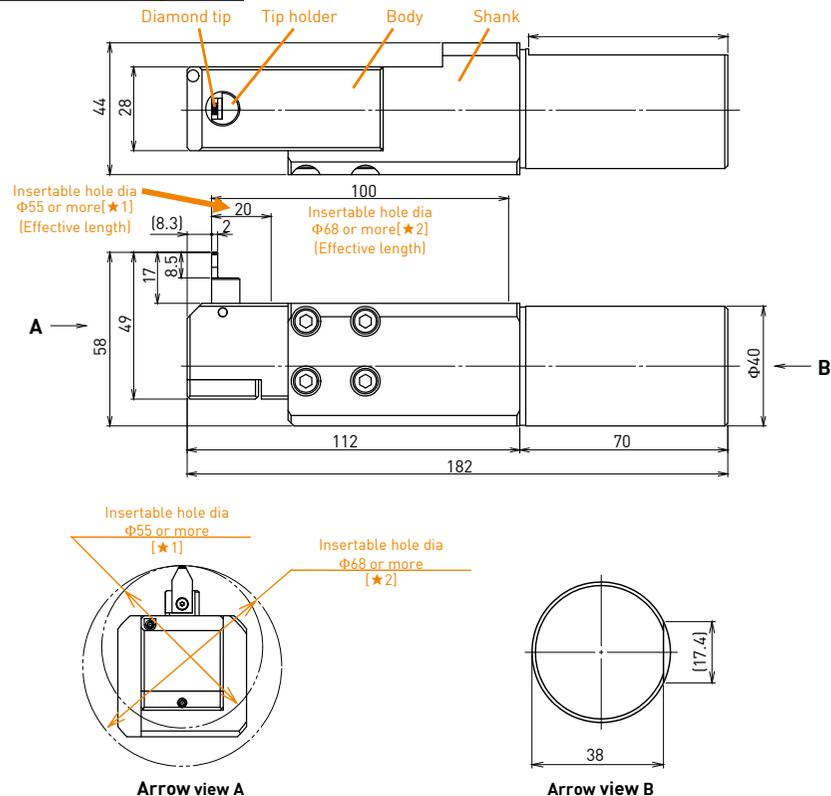
Burnishing conditions for representative specification(Reference)

Groove size			Burnishing conditions (Reference)					
Width (mm)	Depth (mm)	Outer groove size (mm)	Pre-load (N)			Feed rate (mm/rev)	Peripheral speed (m/min)	Compression (mm)
			Steel	Dicast	Copper Aluminum			
2.5 or more	2 or less	φ40 or more	160 - 320	100 - 300	80 - 240	0.05 - 0.1	20 - 100	0.2 - 0.5

* Burnishing conditions are reference only, and do not guarantee that they will achieve the customers' required values.
 * Actual burnishing conditions vary depending on the material and conditions before burnishing, so these values should be used as a reference.
 * For requests to other diamond specification shown in above drawing, contact your nearest sales office by using the catalog inquiry sheet, or use the inquiry form on our website.

Superroll CEZH (For inner groove bottom surface)

Dimensional drawing (mm)



Representative specification

Tool model	Shank size
CEZH-1D2W8H100AL-R40	φ40
CEZH-1D2W8H100AR-R40	

* There is no standard type and every type is special type for Superroll CEZH as of February 2021.
 * Another specification other than above drawing are also designed and made to suit the shape of customer's workpieces.
 * Left-handed specification is the same as right-handed one other than Shank.

Burnishing conditions for representative specification (Reference)

Groove size		Insertable hole size (mm)	Burnishing conditions (Reference)					
Width (mm)	Depth (mm)		Pre-load (N)			Feed rate (mm/rev)	Peripheral speed (m/min)	Compression (mm)
		Steel	Cast iron	Copper Aluminum				
2.5 or more	6 or less	Refer to Arrow view A	160 - 320	100 - 300	80 - 240	0.05 - 0.1	20 - 100	0.2 - 0.5

* Burnishing conditions are reference only, and do not guarantee that they will achieve the customers' required values.
 * Actual burnishing conditions vary depending on the material and conditions before burnishing, so these values should be used as a reference.
 * For requests to other diamond specification shown in above drawing, contact your nearest sales office by using the catalog inquiry sheet, or use the inquiry form on our website.