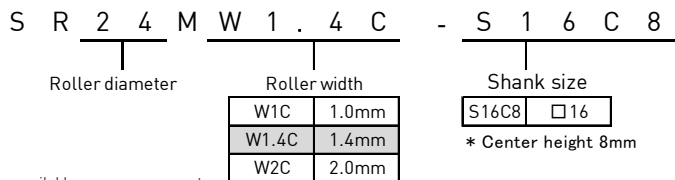


Single Roller Type

Superroll SR24MW Dimensional specification

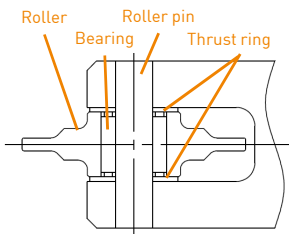
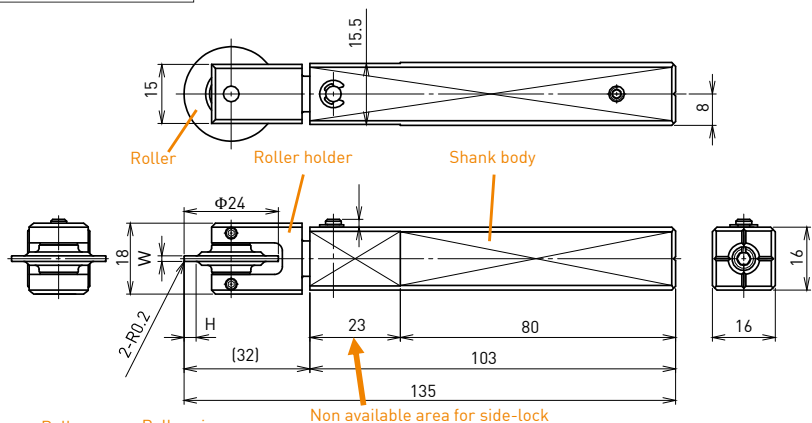
How to read Tool model



* Special shank is also available upon your request.

Dimensional drawing (mm)

SR24MW***C-S16C8



* Superroll SR24MW is specialized by using a swiss lathe.
The center height of Superroll SR24MW is not 16mm though Shank size is indicated □16.
*In case of using SR24MW by NC lathe and so on, please select the tool with Shank holder assembly. (Please refer to right page)

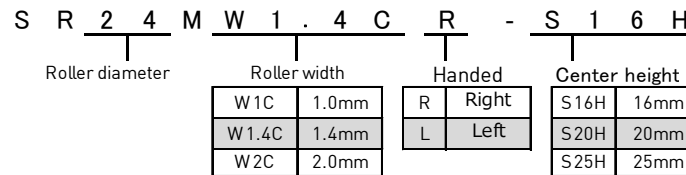
Spring specification	Max deflection value (mm)	Max load (N)
Coil spring (Brown)	7	320
Disc spring 3pcs/set in parallel x 25sets in a line	3.5	580
Disc spring 5pcs/set in parallel x 16sets in a line	2.4	1,000

Burnishing conditions for general tool specification (Reference)

Roller size		Groove size		Burnishing conditions (Reference)				
Width W (mm)	Height H (mm)	Width (mm)	Depth (mm)	Pre-load (N)		Feed rate (mm/rev)	Peripheral speed (m/min)	Compression (mm)
				Steel	Copper/Aluminum			
1	3.5	1.4 or more	3 or less	200 - 500	50 - 300	0.05 - 0.1	50 - 200	0.2 - 0.4
1.4	5	2 or more	4.5 or less	300 - 600	100 - 400			
2	5.5	2.5 or more	5 or less	400 - 800	200 - 500			

* 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.

How to read Tool model with Shank holder assembly

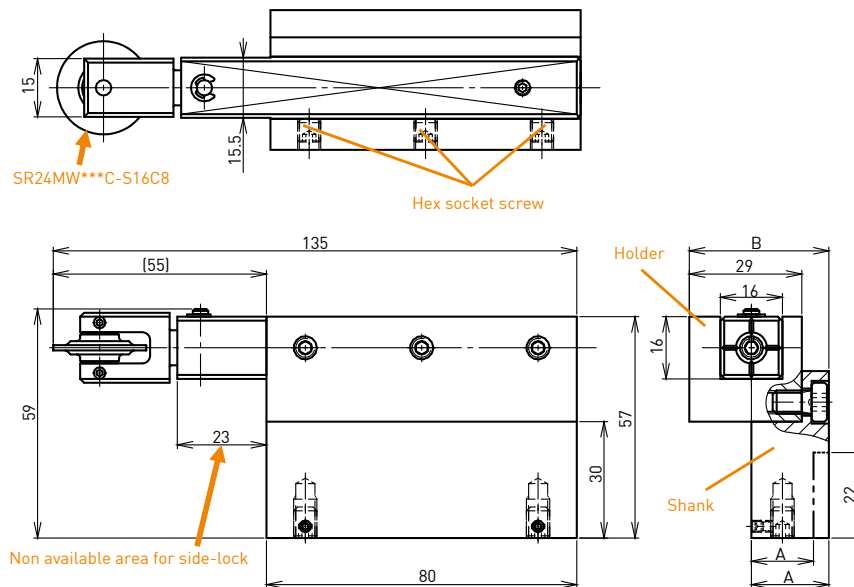


* Special roller width and/or shank are also available upon your request.
For requests to those above, contact your nearest sales office by using the catalog inquiry sheet, or use the inquiry form on the homepage.

Dimensional drawing (mm)

SR24MW***CL-S16H

* Following drawing is left handed.
It is possible to change to right-handed by attaching SR24MW***C-S16C8 opposite direction.
* Drawing of SR24MW***C-S16C8 is the same as left page.



Shank holder assembly specification

Nominal size	Center height A (mm)	Height B (mm)	Shape
S16	16	36	—
S20	20	36	—
S25	25	41	—