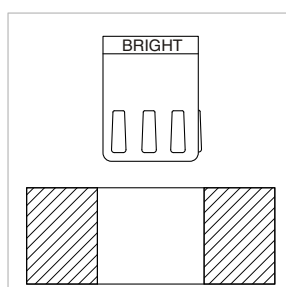


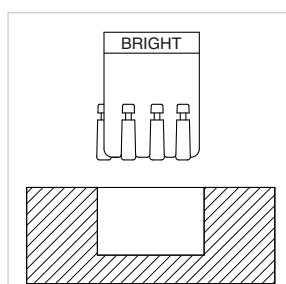
Internal Diameter Burnishing Tool

Technical Description

Bright Multi roller ID burnishing tools are available for through & blind bores. Component having ID 5mm and above can be burnished. Though the tools have standard burnishing length the same can be redesigned according to the customers requirement. On request the tools can be supplied with self-feed design.



ID Tool Through

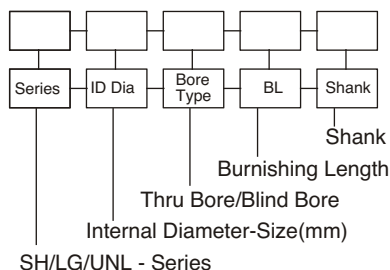


ID Blind Bore

Ordering Guide

Tools are available in three types

Series	Dia	Burnishing Length
SH	5mm-68mm	Upto 60 mm
LG	5mm-68mm	60mm & above
UNL	68mm & above	Any Length



Kindly send us a part drawing or detailed hand sketch and request a quotation.



Blind Bore ID Tool
(Small Dia)



Through Bore ID tool
(Self feed Design)



Through Bore ID Tool
(Large Dia)

- ❖ Adjustable Tool diameter within a range
- ❖ Superior dimensional consistency after burnishing
- ❖ Mirror surface finish in the bores after burnishing
- ❖ Single pass operation
- ❖ Can be used in lathes, drill machine and CNC Machines
- ❖ Quick return on investment
- ❖ High productivity

**Tools
For
Thru & Blind
Bore**

Sample Applications





Multi Roller Tools

Outer Diameter Burnishing Tool

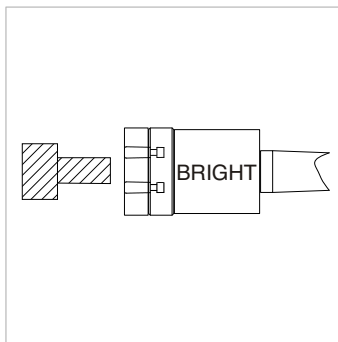
Technical Description

Bright multi roller OD burnishing tools are available for plain & stepped shafts. Tools available for component OD 2mm and above. For Plain shaft tools can be supplied with hollow shank so that shaft length greater than tool length can also be burnished.



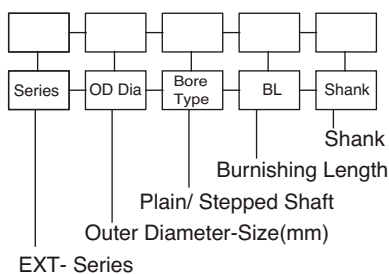
Outer Diameter
Burnishing Tool

- ❖ Available from 2mm and above
- ❖ Adjustable Tool diameter within a range
- ❖ Superior dimensional consistency after burnishing
- ❖ Mirror surface finish in the shafts after burnishing
- ❖ Single pass operation
- ❖ Can be used in lathes, drill machine and CNC Machines
- ❖ Quick return on investment
- ❖ High productivity



OD Stepped Shaft

Ordering Guide

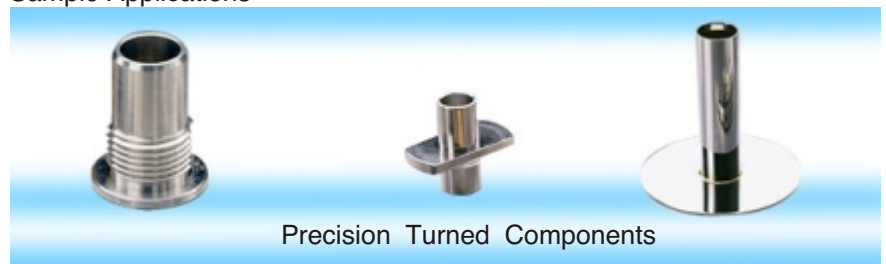


Kindly send us a part drawing or detailed hand sketch and request a quotation.



Large Outer Diameter
Burnishing Tool

Sample Applications

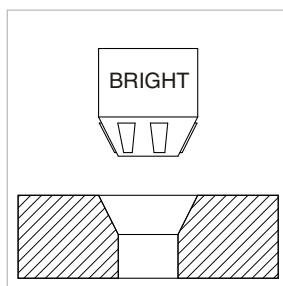


Multi Roller Tools

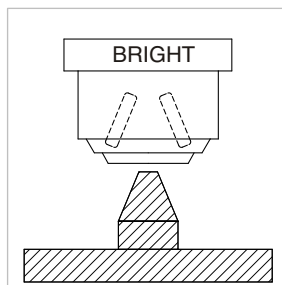
Internal and External Taper Burnishing Tool

Technical Description

Internal and External Tapers can be burnished with Bright taper burnishing tools. These tools can be supplied in any angles according to the component design. These tools are used to achieve good blue matching between mating parts.

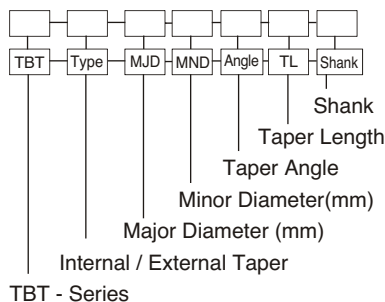


ID Taper Tool



OD Taper Tool

Ordering Guide



Kindly send us a part drawing or detailed hand sketch and request a quotation.

- ❖ Available from minor diameter 5mm and above
- ❖ Highly suitable for matching tapers
- ❖ Maximum blue matching after burnishing
- ❖ Tools available in required taper angles
- ❖ Can be used in lathes, drill machine and CNC Machines
- ❖ Highly suitable for high pressure applications



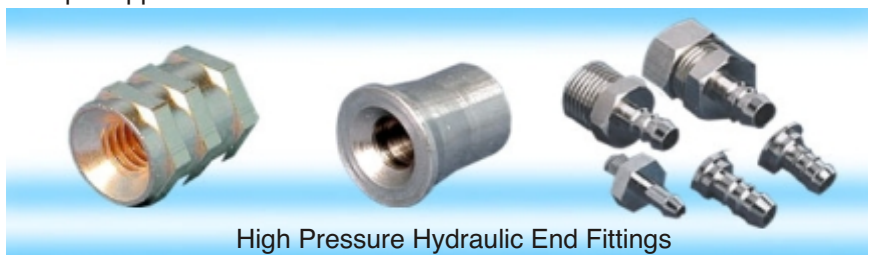
Internal Taper Tool



External Taper Tool

Tools for Internal & External Tapers

Sample Applications

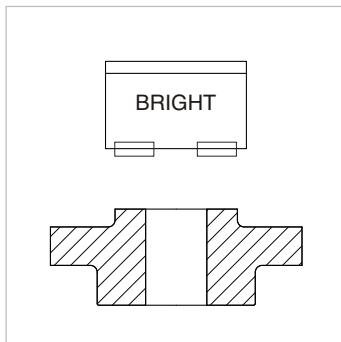


Flat Circular Face Burnishing Tool

Technical Description

Flat circular faces can be burnished with Bright face burnishing tools. A minimum relief of 5mm in the center of the component is required for effective functioning of the tool.

- ❖ Available for flat circular face with center relief greater than 5mm
- ❖ Mirror surface finish in flat circular faces
- ❖ Ideal for face matching application
- ❖ Single pass operation
- ❖ Can be used in lathes, drill machine and CNC Machines
- ❖ Quick return on investment
- ❖ High productivity



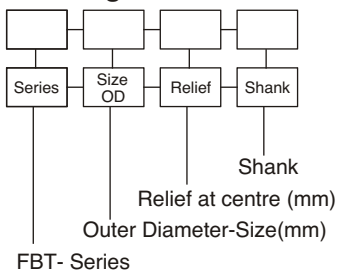
Flat Circular Face Burnishing Tool



Face Burnishing Tool



Ordering Guide



Kindly send us a part drawing or detailed hand sketch and request a quotation.

Sample Applications

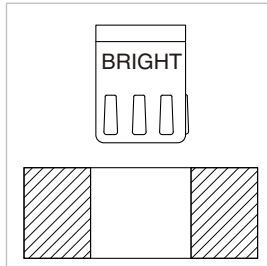


Face Burnished Components



Multi Roller Special Tools

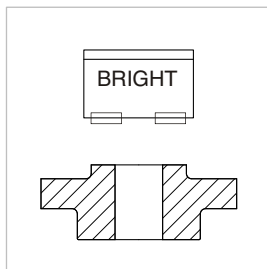
Bright special burnishing tools are made to customer specific requirements. Special profile tools can be designed according to customer specification. Some of the special tools which are designed are listed below for your reference.



ID Tool Thru Bore

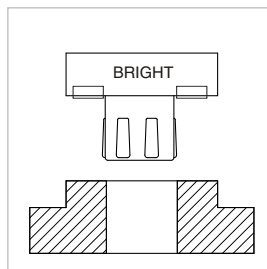


Bright Internal Diameter Burnishing Tool having Extra Burnishing Length



Face Burnishing Tool

Bright Large Face Burnishing Tool

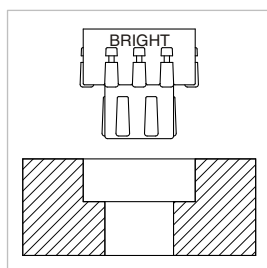


Combined ID and Face Burnishing

Bright Face and Internal Diameter Tool



Kindly send us a part drawing or detailed hand sketch and request a quotation.



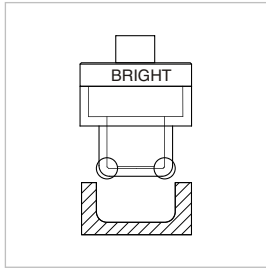
ID Tool Blind Bore

Bright Combined Bore Tool



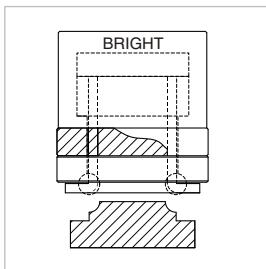


Multi Roller Special Tools



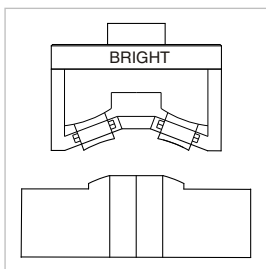
ID Taper Tool Thru Bore

Bright Internal Ball Race Tool 1



Ball Race OD Profile Burnishing

Bright External Ball Race Tool 2



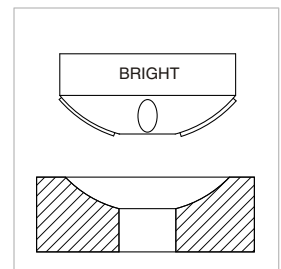
Convex Profile Burnishing

Bright Spherical Burnishing Tool

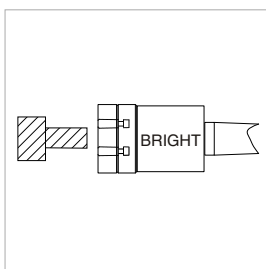
Convex Profile



Concave Profile



Concave Profile Burnishing



OD Tool Stepped Shaft

Bright Large Outer Diameter Burnishing Tool



Bright Multi-ball Special Burnishing Tool



Ordering Guide

Kindly send us a part drawing or detailed hand sketch and request a quotation.