

# SBF RADIAL ZERO ADJUSTABLE HOLDER



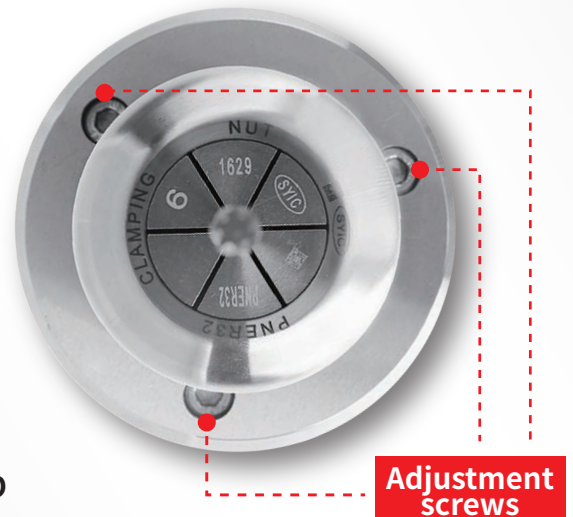
**Output options:**  
ER  
PRO-E  
PRO  
SFC  
SK3



“  
**SBF Radial Zero Adjustable Holder** is applicable for spindles with deteriorating runout accuracy caused by many years use. It can compensate for the bad runout accuracy accumulated from machine spindle, tool holder and cutter, and adjust it to be  $< 2\mu\text{m}$ .

**Runout Accuracy**  
 **$< 2\mu\text{m}$**

- ▶ Suitable for reaming and drilling.
- ▶ Improve the surface accuracy of workpiece.
- ▶ Ensure the machining stability in hole making.
- ▶ Compensate for bad runout accuracy generated from machine spindle, tool holder and cutter, adjust runout accuracy to be within  $2\mu\text{m}$  and extend tool use life.
- ▶ Simple and quick to adjust by 3 screws.
- ▶ Center coolant through is available and can be up to 70 bar.



**Taper options:**



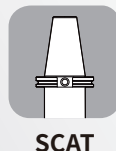
HSK



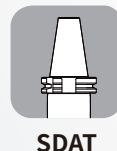
PSC



SBT



SCAT



SDAT

# REAMING TEST



Machine: NSV102AM  
Material: Aluminum  
S=800rpm  
F=286mm/min  
Ap: 45mm



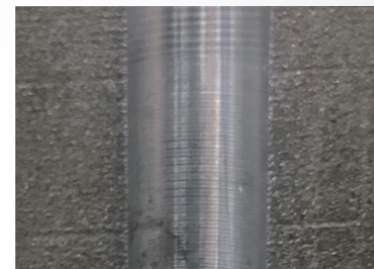
**SBT40xSBF32PN-100**

Perthometer M1	
Object	
Name	
#	
Lt	5.600 mm
Ls Standard	2.5 $\mu\text{m}$
Lc	0.800 mm
<b>Ra</b>	<b>0.800 <math>\mu\text{m}</math></b>
Rz	4.42 $\mu\text{m}$
Rmax	5.02 $\mu\text{m}$



**SBT40xPNER32-100**

Perthometer M1	
Object	
Name	
#	
Lt	5.600 mm
Ls Standard	2.5 $\mu\text{m}$
Lc	0.800 mm
<b>Ra</b>	<b>1.110 <math>\mu\text{m}</math></b>
Rz	5.33 $\mu\text{m}$
Rmax	6.28 $\mu\text{m}$



**BT40xER32-100**

Perthometer M1	
Object	
Name	
#	
Lt	5.600 mm
Ls Standard	2.5 $\mu\text{m}$
Lc	0.800 mm
<b>Ra</b>	<b>1.241 <math>\mu\text{m}</math></b>
Rz	6.06 $\mu\text{m}$
Rmax	7.17 $\mu\text{m}$

↓ Test Result ↓

**SBF Radial Zero Adjustable Holders surpass conventional tool holders in the performance of work piece surface finish!**

## COMPARISON OF WORKPIECE ROUGHNESS

