

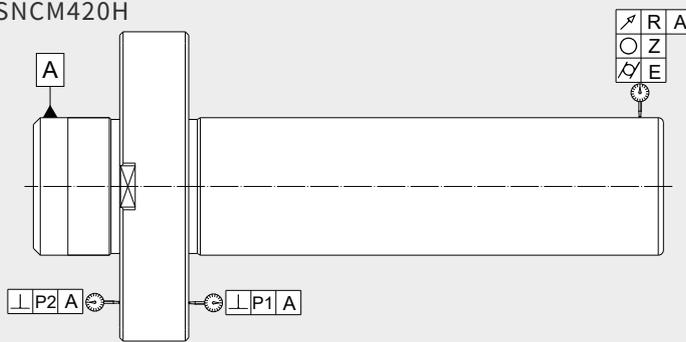
BMT TURRET MASTER BAR

PRECISION TYPE

Regular inspection of machine turret is an extremely important step to realize high precision machining!



Material : SNCM420H



ROUNDNESS	1µm
SURFACE ROUGHNESS	Ra < 0.15µm
RUNOUT ACCURACY	3µm
CYLINDRICITY	5µm

100% GUARANTEED PRECISION:

Every BMT turret master bar is inspected with high precision instrument and delivered with an inspection report. 100% quality guaranteed !

Perthometer M1	
Object Name #	
Lt	5.600 mm
Ls Standard	2.5 µm
Lc	0.800 mm
Ra	0.110 µm
Rz	1.31 µm
Rmax	2.34 µm

Inspection Report		
COMMODITY :		
TYPE :		
ITEM EXAMINED	APPROVED TOLERANCE	TEST VALUE
P1	0.002	
P2	0.002	
R	0.003	
Z	0.001	
E	0.005	
Surface roughness	Ra < 0.4 µm	
Operator:		DATE:





What are the benefits of using BMT Turret Master Bar?

- 1 Optimal for checking machine turret accuracy.
- 2 Checking turret accuracy maximizes machining performance and increases productivity.
- 3 Ensures the machining precision and prolongs the tool life.
- 4 Helps detect potential problems of turret/ equipment and saves downtime and costly repair cost.

Machining Performance ↑

Tool Life ↑

Machining Productivity ↑

Recommendation of storage:

It's recommended to store in stock vertically to prevent deformation.
Every BMT turret master bar is delivered with an aluminum box for vertical storage.





WATCH MORE

How to measure turret accuracy using BMT Turret Master Bar?

STEP 1



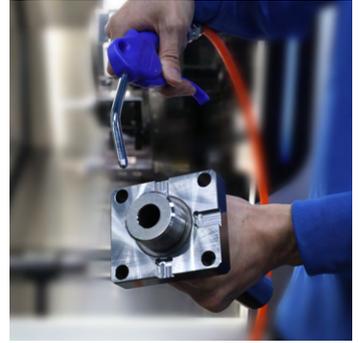
Clean the inner hole and end face of the turret with wiping paper.

STEP 2



Wipe down the interface of BMT turret master bar.

STEP 3



Use an air gun to blow the interface of the BMT turret master bar.

STEP 4



Mount the BMT turret master bar into the turret and tighten four screws with a L-shaped wrench.

STEP 5



Wipe down the straight shank.

STEP 6



Measure parallel accuracy of X-axis.

STEP 7



Measure vertical accuracy of X-axis.

STEP 8



Use the L-shaped wrench to loosen the four screws of the BMT turret master bar.

