



REPLACEMENT TOOL

1 TT-W003-81622S	2 TT-W003-92024S	3 TT-W003-102226S	4 TT-W003-122428S	5 TT-W003-152428S	6 TT-W003-172630S	17 TT-W003-082025	20 TT-W003-M5-170
7 TT-W003-T8	8 TT-W003-T9	9 TT-W003-T10	10 TT-W003-T12	11 TT-W003-T15	12 TT-W003-T17	18 TT-W003-ST01	19 TT-W003-M5-250
1 TT-W003-81622S	2 TT-W003-92024S	13 TT-W003-102226L	14 TT-W003-122428L	15 TT-W003-152428L	16 TT-W003-172630L		

^ Spindle Fixtures (External bearing adapter / Guiding pin)
 ^ Threaded Tightening Bar
 ^ Threaded Screw

BEARING INSTALLATION (Spindle Hub System)

Step 1
Select the correct external bearing adapter and guiding pin according to bearing number

External bearing adapter
EX : Bearing number 6900
ID 10 mm - OD 22 mm

Step 2
Install threaded screw in tightening bar

Step 3 (Step1+Step2)
Install components and follow the order

Guiding pin pushed to the position

Attention directionality

BEARING INSTALLATION (NO Spindle Hub System)

Step 1
Select the correct external bearing adapter and guiding pin according to bearing number

External bearing adapter
EX : Bearing number 699
ID 9 mm - OD 20mm

Step 2
Install threaded screw in tightening bar

Step 3 (Step1+Step2)
Install components and follow the order

Guiding pin pushed to the position

Attention directionality

Step 4
Use opposite external bearing adapter into the hub and install another tightening bar

Step 5
Tighten the bars to press into bearing

Step 6
Parts removal
9 13 18
Right Side Bearing
Installation step complete

Step 4
Use opposite external bearing adapter into the hub and install another tightening bar

Step 5
Tighten the bars to press into bearing

Step 6
Parts removal
Bearing installation step complete
Use the same steps on the other side

Step 7
Install original spindle into hub and follow the order

Original parts (Hub spindle)

Step 8 (Same as Step 5)
Tighten the bars to press into bearing

Step 9
All parts removal
Left Side Bearing
Installation step complete