

Technical Data

1. Deep groove
12AAE310 $\varnothing 1.6$ mm tungsten carbide
2. Flat surface
12AAE302 $\varnothing 1.6$ mm tungsten carbide
3. Standard
12AAE301 $\varnothing 1.6$ mm tungsten carbide
4. Deep hole A
12AAE306 $\varnothing 1.6$ mm tungsten carbide
5. Deep hole B
12AAE307 $\varnothing 1.6$ mm tungsten carbide
6. Notch
12AAE309 $\varnothing 3$ mm tungsten carbide
7. $\varnothing 1.6$ mm ball
12AAE303 $\varnothing 1.6$ mm tungsten carbide
8. $\varnothing 0.8$ mm ball
12AAE304 $\varnothing 0.8$ mm tungsten carbide
9. $\varnothing 0.5$ mm ball
12AAE305 $\varnothing 0.5$ mm tungsten carbide
10. Deep groove
12AAE308 $\varnothing 1.6$ mm tungsten carbide

Usage examples of various styli



Cutter mark



Corner



Small hole



Small hole



Flatness measurement

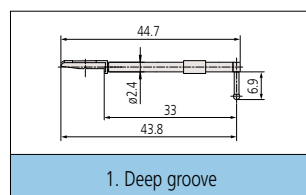


Notched workpiece measurement

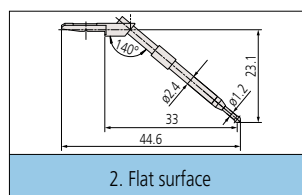


ID measurement

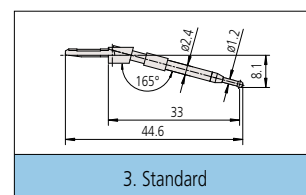
Compatible with CNC Roundness Measuring Instruments



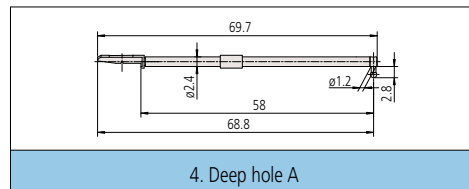
1. Deep groove



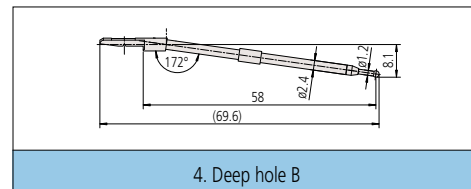
2. Flat surface



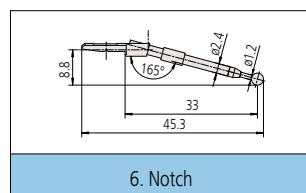
3. Standard



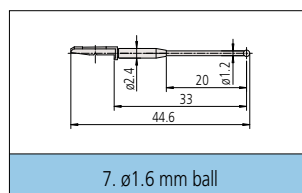
4. Deep hole A



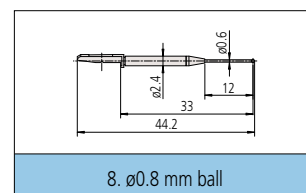
4. Deep hole B



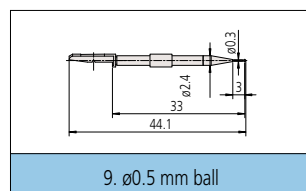
6. Notch



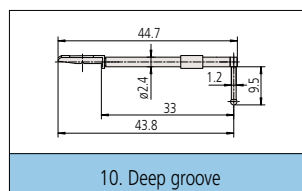
7. $\varnothing 1.6$ mm ball



8. $\varnothing 0.8$ mm ball



9. $\varnothing 0.5$ mm ball



10. Deep groove

Analyzing items	Models						
	RA-H5200CNC / RA-H5200	RA-2200CNC / RA-2200	RA-1600	RA-220	RA-120P	RA-120	RA-10
○ Roundness	●	●	●	●	●	●	●
⊘ Cylindricity	●	●	●	●	—	—	—
◎ Concentricity	●	●	●	●	●	●	●
⊙ Coaxiality	●	●	●	●	●	●	●
Axis-element	●	●	●	—	●	—	—
Axis-axis	●	●	●	—	●	—	—
▭ Flatness	●	●	●	●	●	●	●
// Parallelism	●	●	●	●	●	●	—
⊥ Perpendicularity	●	●	●	●	●	●	—
↗ Runout	●	●	●	●	●	●	●
↗ Total runout	●	●	●	—	—	—	—
— Straightness	●	●	●	—	—	—	—
∠ Inclination	●	●	●	—	—	—	—
∧ Taper	●	●	●	—	—	—	—