

DETa-1 Collet Holder

Pull collet type collet chuck

2mm collapsibility with just one collet !!

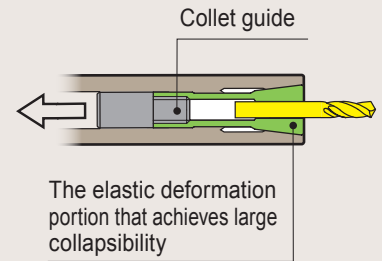
- ▷ Just 6 collets is all it takes to chuck 106 sizes of drills.
- ▷ Slim design due to no tightening nut at the tip of holder.
- ▷ Compatible with synchronized tapping. Provides simple tooling lay-out.



▶ **DETa-1**

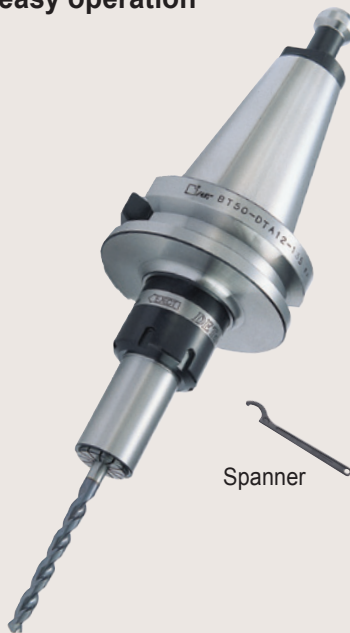


Pull collet design



DTA

Nut-tightening type of easy operation



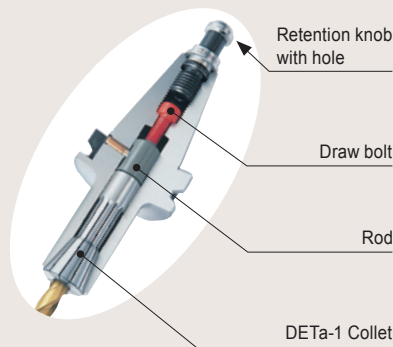
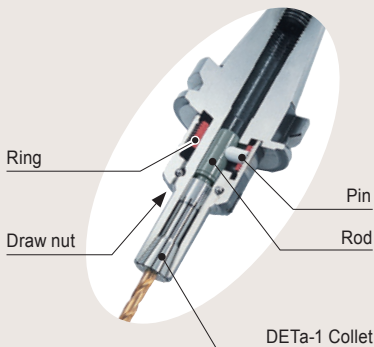
DTB

For high-speed cutting, High cost performance

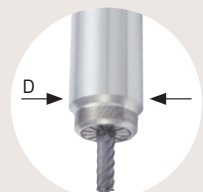


DTE

Fully applicable for coolant-through



	φD
DTE 7	29
DTE12	40



DETa-1 Collet

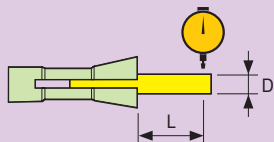
Using a high-precision collet will increase the life of your tools.
 → P. 117

Highest guaranteed accuracies throughout entire chucking range (100% inspection).

Both large collapsibility and precise chucking achieved by the pull collet design.

Collet	Run-out accuracy (μm)	
	D3	D7/D12
Precision Collet	3 (6)	5 (10)
Standard Collet	5 (10)	10 (15)

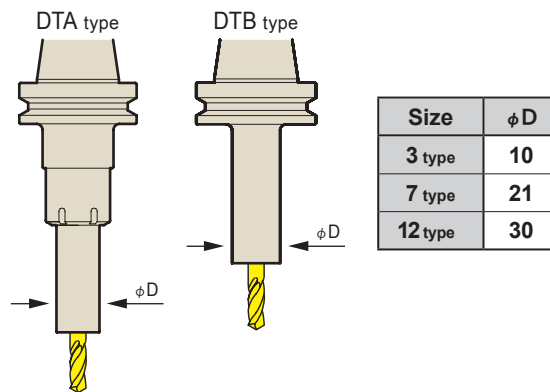
※Accuracy of collet alone, () means collapsibility usable.



D	L
~10	4×D
10~13	40

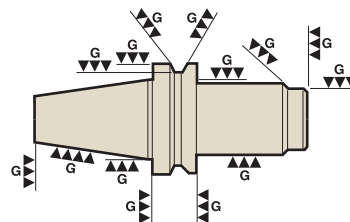


Slim and compact without the nut at the tip.

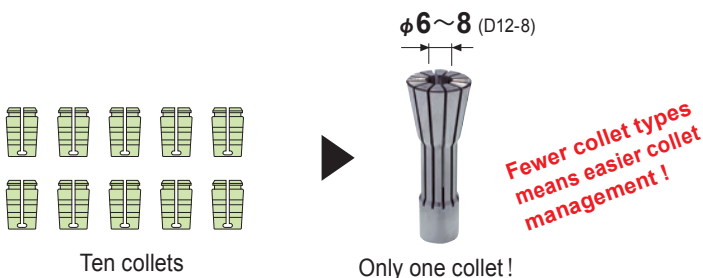


Pre-balanced design (DTE type)

The collet holder is pre-balanced by previously designing the holder to be as axisymmetrical as possible. When used with the precision collet, it enables stable machining during high-speed machining.



Reduces the number of conventional collets needed by 90% (in-house comparison)



Longer cutter life using through-spindle capability
 → P. 117

D3 Collet

DTA3
DTB3

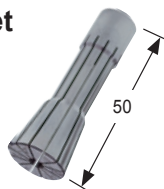
Uses a maraging steel. Initial accuracy lasts for a long period of time.



φ0.5~3.175 **8 pcs.**

D7 Collet

DTA7
DTB7
DTE7



φ1~7 **8 pcs.**

D12 Collet

DTA12
DTB12
DTE12

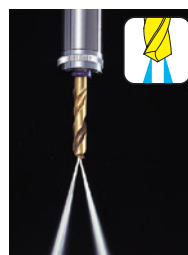


φ2.5~13 **6 pcs.**

Coolant-through system

Pressure **7 Mpa**

Multiple coolant supply systems. The best methods can be chosen from three options.



Coolant-through cutter

For a cutting tool with oil holes. The shank of the cutting tool is sealed with an O-ring, enabling reliable coolant supply. Compatible with small-diameter cutting tools starting from 3 mm.

DTE type



“SUKIMA-through” coolant-around tool

High-pressure coolant performance can be obtained even when using a cutting tool without oil holes.

DTE type



Coolant-through collet

Coolant is supplied through the slits in the collet. No dedicated optional parts are required.

DTB type
DTE type