

Straight Shank and Morse TG Collet Chucks

- AT3 or better taper
- Equipped with a left-hand-threaded stop screw and chuck nut
- Ground surface for perpendicular contact
- Available in high-speed balanceable versions



TIR: < .0002 at collet face



Speed: up to 20,000 rpm



Set-up: quick and easy



Coolant-thru: thru-tool coolant



Drilling
★★★★☆



Milling
★★★★☆





Reaming
★★★★☆

Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

Features of Straight Shank Tooling

- Straight shank tooling may be used to extend tooling reach for extended length operations.
- This option is less costly than extended length integral shank tooling.
- They may be used with any size machining center or lathe.
- When loaded into larger holders, their reduced O.D. permits drilling operations within large holes or whenever tight clearances are encountered.

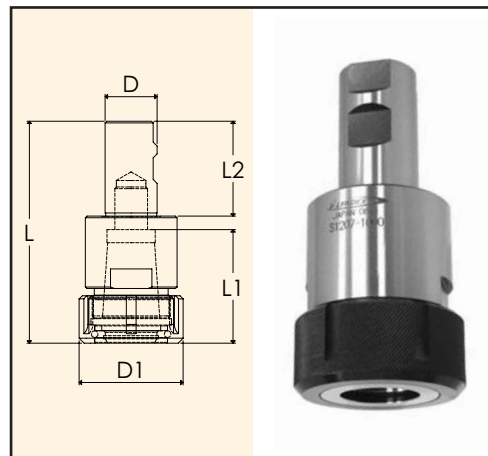
Straight Shank

Part Number	Collet Series	Collet Range 	Nut Wrench 	D	L	L1	L2	D1
S1007-0750-7.50	75TG	3/64-3/4"	75TG-SPAN	1.00"	7.50"	2.08"	5.00"	1.89"
S1207-1000-5.33	100TG	3/64-1"	100TG-SPAN	1.25"	5.33"	2.73"	2.28"	2.50"
S1507-1000-9.00	100TG	3/64-1"	100TG-SPAN	1.50"	9.00"	2.73"	6.00"	2.50"



TG Collet Chucks come with back-up screw.



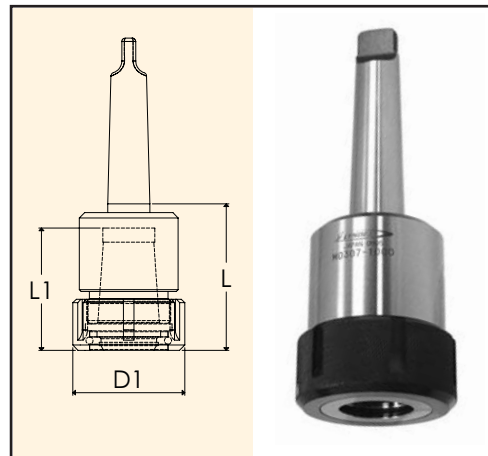
When removing the back-up screw, TG Collet Chucks have coolant-thru capabilities. No disc, special nut or wrench required!
See TG Coolant Collets on pages 62-64.



Morse

Part Number	Taper	Collet Series	Collet Range 	Nut Wrench 	L	L1	D1
M0307-1000-3.25	MT 3	100TG	3/64-1"	100TG-SPAN	3.25"	2.73"	2.50"
M0407-1000-3.25	MT 4	100TG	3/64-1"	100TG-SPAN	3.25"	2.73"	2.50"

TG Collet Chucks come with back-up screw.



To use: first insert the collet into the chuck nut by squeezing the collet and pressing its face into the chuck nut's retaining ring until the collet's collar is fully seated. Then load the assembly into the chuck, insert a cutting tool, and tighten with the appropriate nut wrench to the recommended tightening torque.

To remove: simply squeeze the collet while pulling it from the chuck nut at an angle. Our handy 100TG or 150TG Collet Squeezers ease the removal of these larger collets.

Accessories:



TG Collets
Pages 61-65



TG Torque Wrench
Page 66



TG Back Up Screw
Page 66



TG Nut
Page 66