

## **ROYAL HEAVY-DUTY SPINDLE TYPE LIVE CENTERS**

Body and point are hardened and ground for strength and durability. The thick, rigid point extends into the shank where it is supported by a large needle bearing ± 0.00005" TIR guaranteed. for increased strength and vibration dampening. Standard point angle is 60° +15°. A high capacity thrust bearing enables this center to handle extreme axial loads — one of the biggest potential causes of failure for any live center. Bearing life is significantly extended with the exclusive Royal Roto-Shield™ coolant slinger and a long-life, spring-loaded seal that is resistant to abrasion, high temperatures, A precision, double-row angular-contact bearing provides high and virtually all metalworking fluids. workpiece weight ratings for turning large, heavy parts. Smaller



 One of our most popular models — an excellent heavy-duty live center designed to handle almost all CNC and manual turning jobs.

2 & 3MT models are not typically used to support very large workpieces so they are instead equipped with a single-row bearing that turns more freely and allows for higher speeds.

- Heavy-duty precision bearings provide exceptional radial and thrust load capacities.
- ☐ The thick, rigid point extends into the shank where it is supported by a large needle bearing for increased strength and vibration dampening.
- Exclusive Roto-Shield™ coolant slinger and upgraded seal provide outstanding bearing protection for extended operating life.
- Body and point are hardened and ground for accuracy and durability.

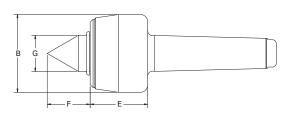


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## **Royal Heavy-Duty Spindle Type Live Centers**

TAPER	В	E	F	G	MAX. Suggested RPM*	WEIGHT OF Workpiece (lbs.)	THRUST LOAD (lbs.)	PART Number	PRICE
2 MT	1.75	1.47	1.01	0.88	6,000	725	2,360	10102	\$490
3 MT	2.33	1.75	1.22	1.00	5,000	970	3,900	10103	543
4 MT	2.68	1.98	1.48	1.25	4,500	1,720	4,050	10104	708
5 MT	3.45	2.81	1.84	1.50	3,500	3,260	5,700	10105	975
6 MT	4.00	3.15	2.31	2.00	3,500	4,080	6,000	10106	1,823

<sup>\*</sup> Maximum recommended operating limit. Operating above this speed could result in heat build-up and accelerated bearing wear.

Insist on Roto-Shield™ Technology — Only Available on Royal Live Centers

