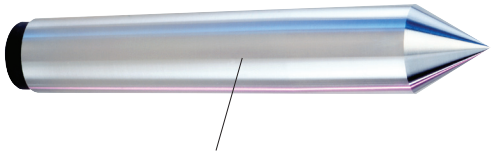
ROYAL DEAD CENTERS

- Dead centers are typically used for grinding and are also sometimes used in high-precision turning applications.
- Royal manufactures a wide range of standard dead centers to suit most applications, including: full, half, carbide-tipped, and extended-point models.
- All solid dead centers are made from ball bearing steel and are hardened to Rc 61-63 for wear resistance and durability.
- On carbide-tipped models, the carbide blank is brazed into a close-tolerance socket for maximum strength and rigidity.
- All Royal dead centers are ground to an angle of 60° $^{+15'}_{-0}$ and guaranteed to ±0.00005" TIR.



Type 1
Standard Dead Center
add "1" to part number below.

Ball bearing steel hardened and ground to Rc 61-63 for long life.

Type 2
Standard Dead Center with carbide tip
add "2" to part number below.

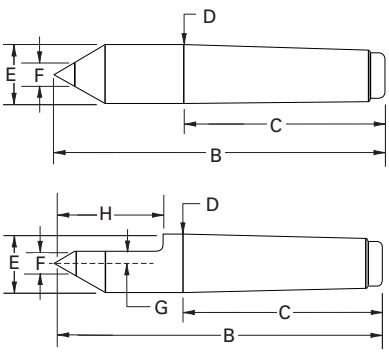
Carbide blank is brazed into a close-tolerance socket for maximum strength and rigidity.

Type 3
1/2 Dead Center
add "3" to part number below.
Note – Type 3 models are being phased out. Please call for availability.

Half centers are relieved for grinding wheel clearance.

Type 4
1/2 Dead Center with carbide tip
add "4" to part number below.

A safety groove shows the maximum allowable regrind range for carbide-tipped models.



Royal Dead Centers

Example: A 2MT dead center with a carbide tip is PART NUMBER 11012.

TAPER A	B	C	D	E	F	G	H	PART NUMBER	PRICE TYPE 1	TYPE 2	TYPE 3	TYPE 4
2 MT	4.19	2.56	.700	0.700	0.38	0.19	1.38	1101-	**$155**	**$206**	**CALL**	**$240**
3 MT	5.25	3.19	.938	0.938	0.50	0.22	1.69	1102-	**240**	**279**	**CALL**	**316**
4 MT	6.75	4.06	1.231	1.231	0.50	0.25	2.25	1103-	**345**	**368**	**CALL**	**403**
5 MT	8.50	5.19	1.748	1.748	0.63	0.38	2.75	1104-	**517**	**569**	**CALL**	**600**