

## Boring Heads & Detachable Shanks



- Round style – double bar
- Detachable shank
- Delivers the optimum in precision performance
- Rugged construction and maximum bearing-surface between the sliding gib and the body
- Superior rigidity for chatter-free boring and precise hole-size accuracy
- Bar holder moves freely and smoothly and when locked in place holds firmly against the body
- Micrometer leadscrew provides 0.001" direct-reading accuracy and adjusts easily and quickly to accommodate size change or tool wear

### Boring Heads

Model	Actual Size	Overall Length (Inch)	Hole Size (Inch)	Offset (Inch)	Thread Back	Code
DBL-202	2 Rd.	2-5/16	1/2	1/2	1-1/2 - 18	254140
DBL-203	3 Rd.	3-1/4	3/4	3/4	1-1/2 - 18	254142
DBL-204	4 Rd.	3-3/4	1	1	1-1/2 - 18	254144

### Detachable Shanks

Shank Size (Inch)	Code	Shank Size (Inch)	Code	Shank Size (Inch)	Code	Shank Size (Inch)	Code
3/4	254146	MT3	254152	ISA40	254158	CAT40	302431
1	254148	R8	254154	ISA50	254159	CAT50	302432
MT2	254150	ISA30	254156				



## Boring Head Sets

#### Set includes:

- Wrenches
- Variety of boring bars
- Supplied in fitted case

Model	Shank	Capacity (Inch)	Bore Size (Inch)	Code
BHC2	3/4 SS	0 - 4	1/2	302425
BHC3	R8	0 - 6	3/4	302430

## Boring Heads

### Integral Shanks

- Boring capacity 4" diameter
- 3/4" travel (1-1/2" on diameter)

Shank	Boring Bar Diameter (Inch)	Dial Reading (Inch)	Body Diameter (Inch)	Body Length (Inch)	Code
R8	1/2	0.001	2-1/2	3-7/16	311576
3/4	1/2	0.001	2-1/2	3-7/16	311577



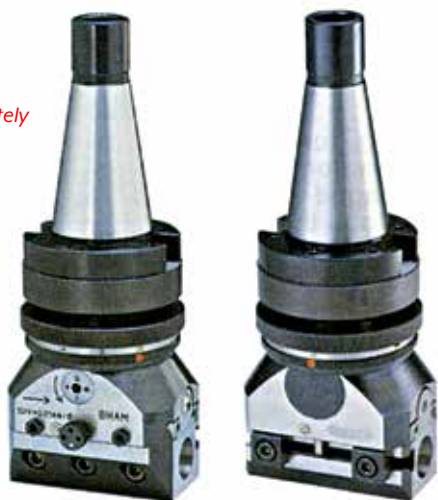
R8 Shank



3/4" Straight Shank

## Boring & Facing Head

Shanks sold separately



Code

302300

### Specifications:

Operating accuracy.....	±0.0002"
Boring & Facing range.....	0 - 9"
Maximum adjustability of slide.....	1.375"
Maximum diameter of slide.....	2.750"
Various automatic slide-feeds per revolution.....	
.....	0.0016"
.....	0.0032"
.....	0.0048"
One graduation of fine adjustment on diameter.....	0.0005"
One revolution of fine adjustment.....	0.016"
Quick return per revolution.....	0.030"
Diameter of tool holes in slide.....	5/8"
Height of head without shank.....	3.125"
Width of head.....	2.875"
Weight of head without shank.....	4 lbs

### Standard equipment supplied with the master head (in fitted case):

Boring bars.....	3/8 (2)
Boring bars.....	5/8 (2)
Extension holder.....	5/8 - 3-7/8
Set reinforcing rings.....	5/8
Carbide round toolbits.....	5/8 (4)
Reducing sleeve.....	5/8 - 3/8

### Shanks

Shank	Code	Shank	Code	Shank	Code
MT3	302312	ISA30	302314	R8	302317
MT4	302313	ISA40	302315	Straight 1"	302318