

ZX Facing/Contouring Heads

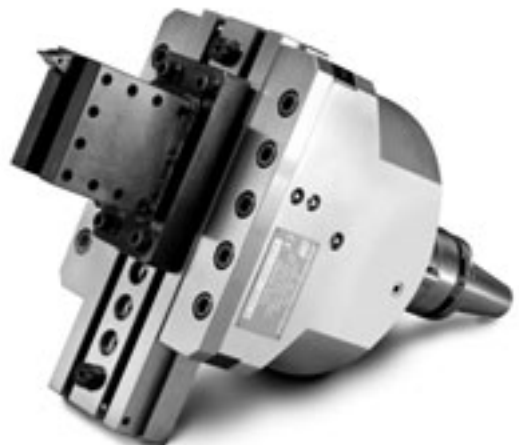
ZXTM
BORING,
FACING, &
CONTOURING
SYSTEMS

ZX Facing / Contouring heads offer the **greatest versatility** of all ZX tools. These heads have a single tool slide onto which top tooling is mounted into qualified locating holes. This provides for repeatable set-ups. With appropriate top tooling, these heads can perform boring, facing, O.D. turning, grooving, taper boring, radius forming, chamfering, recessing, and threading. Large parts can be machined in one set-up without removing the work piece from the machine tool table.

Internal coolant is optional.



ZX 420



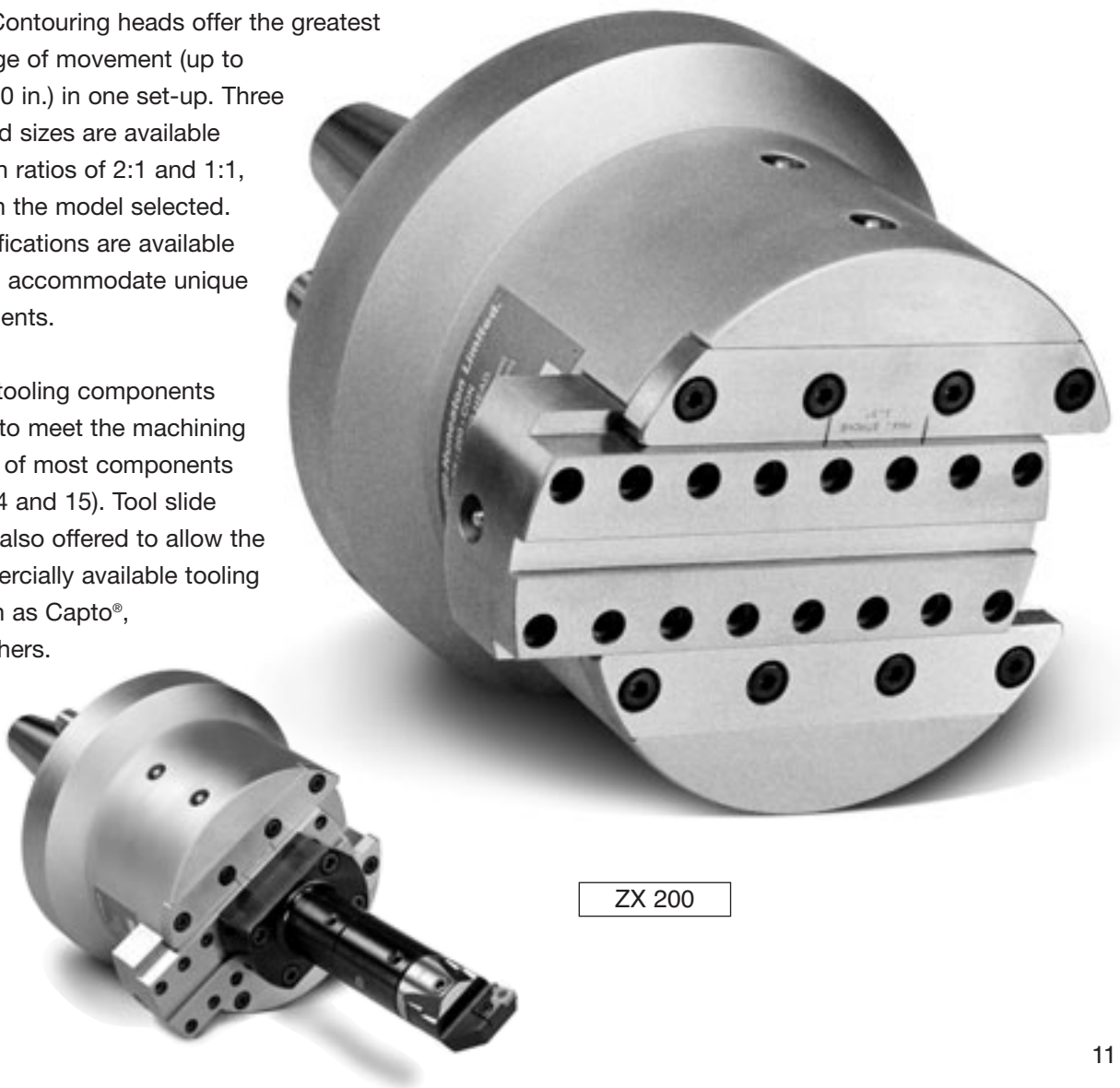
ZX™ Facing/Contouring Heads

Benefits:

- Perform lathe-type operations on horizontal boring mills.
- Maximum application flexibility – machine I.D.s, O.D.s, faces, tapers, radii, and contours.
- Large diameter range.
- Accepts industry-standard top tooling components and inserts; modular tooling packages also available.
- Qualified tool location points in tool slide for accurate and repeatable set-ups.
- Extremely rigid and durable design.
- Backlash-free operation.

ZX Facing / Contouring heads offer the greatest diameter range of movement (up to 203.2mm / 8.0 in.) in one set-up. Three standard head sizes are available with actuation ratios of 2:1 and 1:1, depending on the model selected. Special modifications are available on request to accommodate unique part requirements.

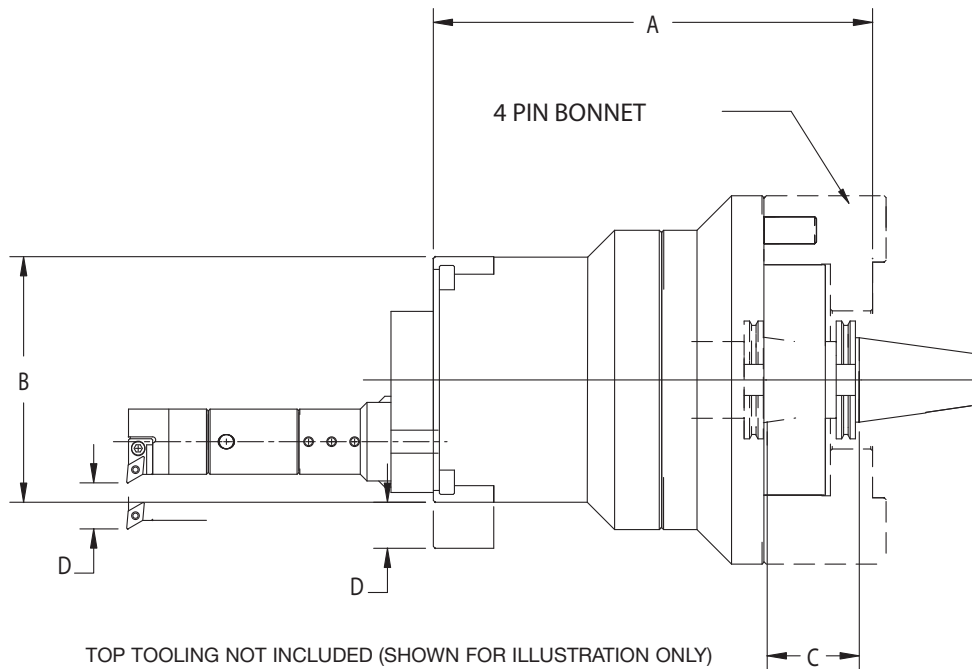
Modular top tooling components are available to meet the machining requirements of most components (see pages 14 and 15). Tool slide adapters are also offered to allow the use of commercially available tooling systems such as Capto®, ABS®, and others.



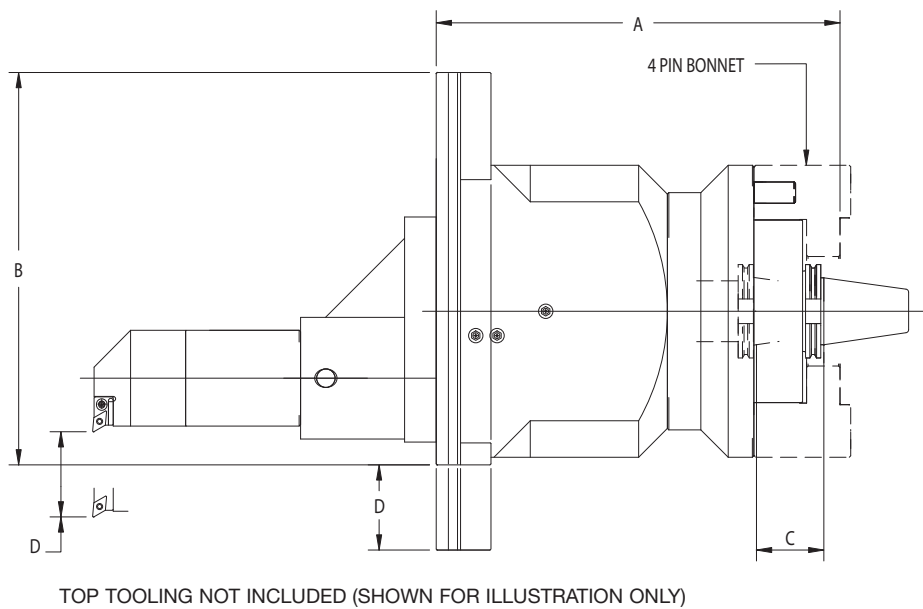
ZX 200

Tool Specifications

ZX-200

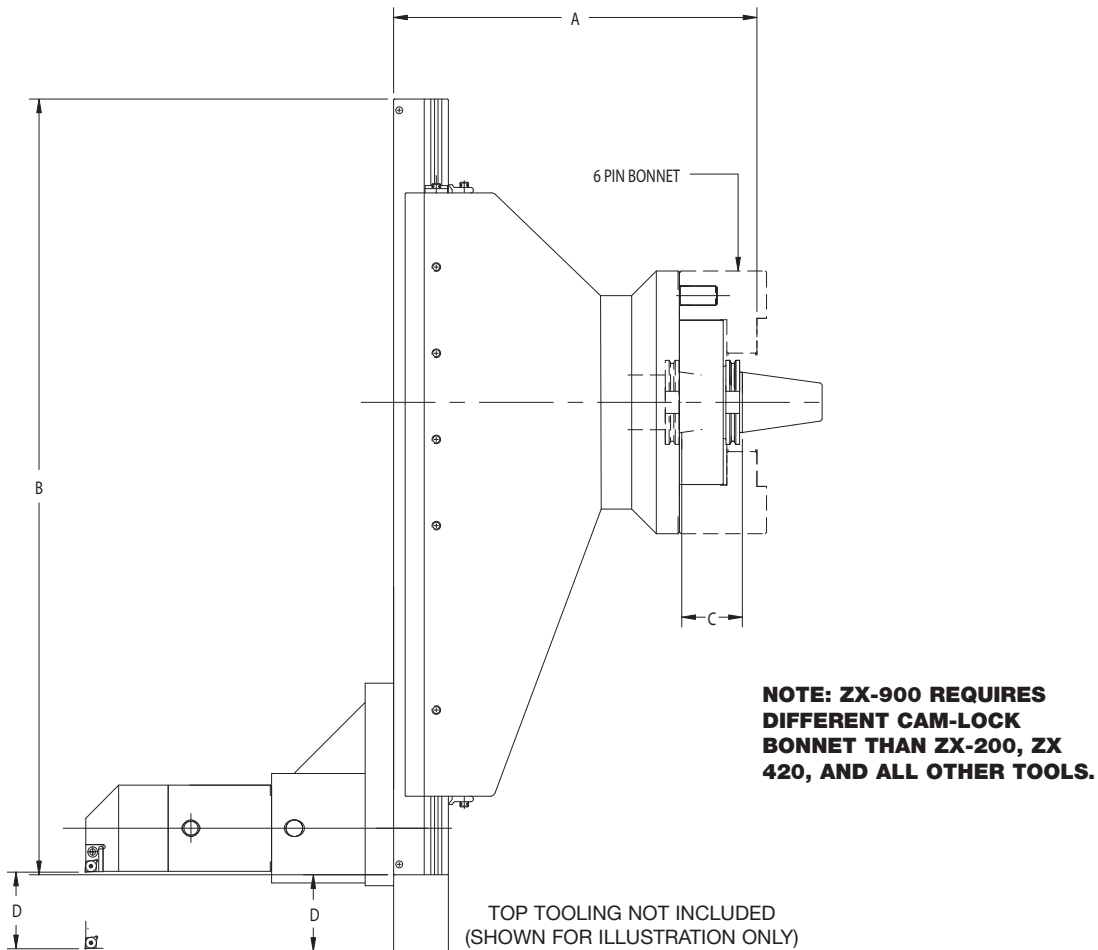


ZX-420



Tool specifications

ZX-900

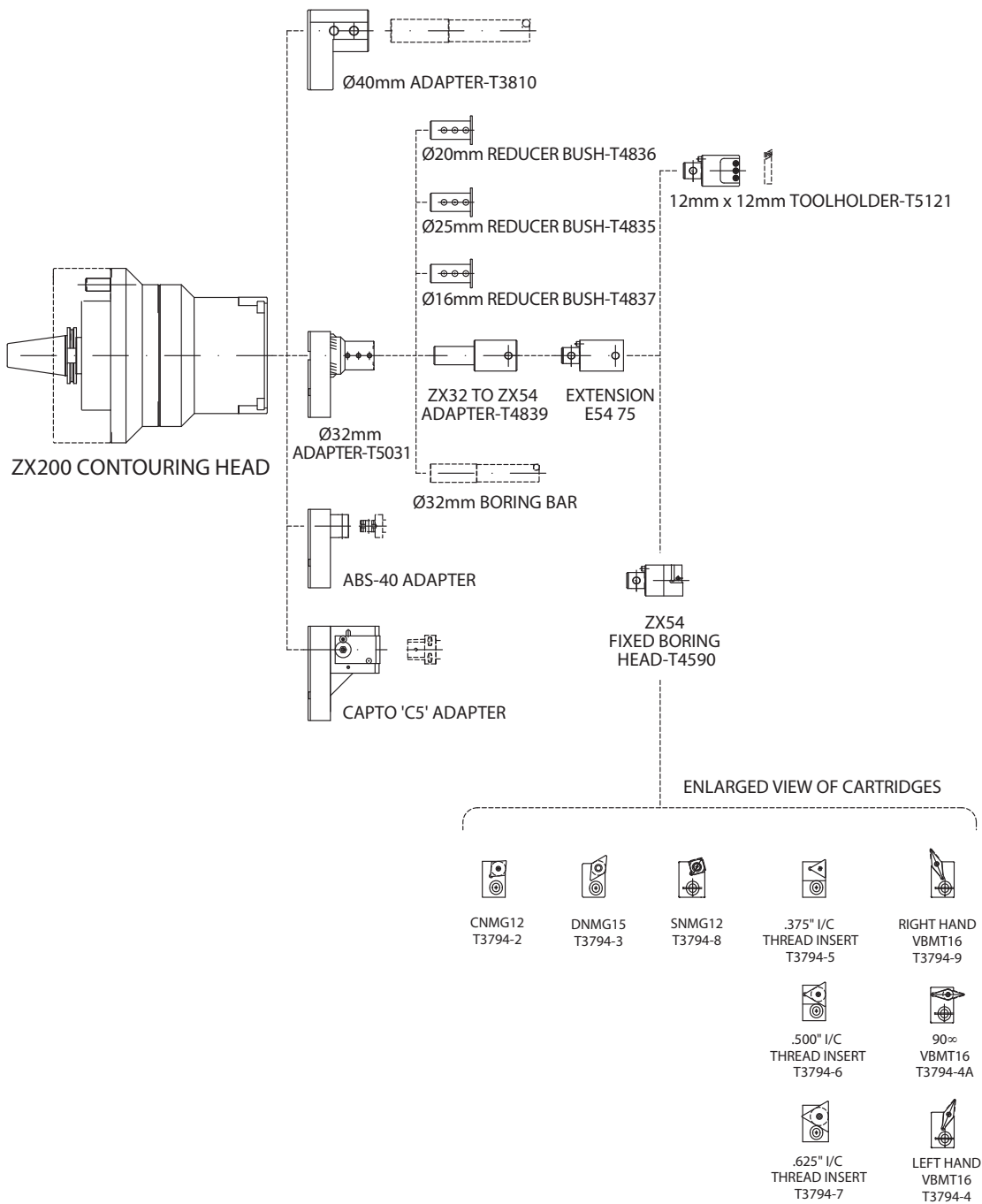


DETAILS		TOOL NUMBER					
		ZX-200-CON		ZX-420-CON		ZX-900-CON	
		Inch	mm	Inch	mm	Inch	mm
Length excluding tooling	A	14.94	380	17	432	17	432
Slide length	B	7.88	200	16.63	422	35.43	900
Machine spindle travel	C	3	76	4	102	4	102
Tool and slide travel	D	1.5	38	4	102	4	102
Diameter range		0-15	0-380	0-25	0-635	0-50	0-1270
Max. Recommended speed		800 RPM		300 RPM		150 RPM	
Weight		205 lbs	93kg	340 lbs	154 kg	500 lbs	230 kg

Internal coolant is optional. Special work lengths, tool slide strokes, tool body diameters, and other special requirements can be accommodated; contact us for a quotation.

Tool Specifications

ZX-200 CONTOURING HEAD MODULAR TOP TOOLING



Tool specifications

ZX-420 CONTOURING HEAD MODULAR TOP TOOLING

(ALSO USED ON ZX-900)

