
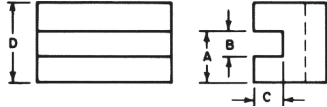

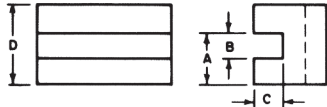

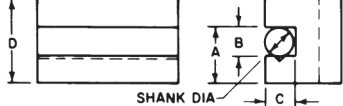

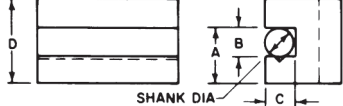

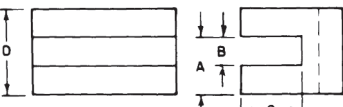

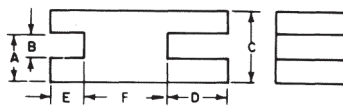

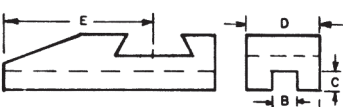



QUICK CHANGE SHANK TOOL HOLDERS

			AXA SERIES							
#1		TURNING AND FACING HOLDER Takes various sizes of bits. Turning and facing tools can be locked in together. Saves time and labor when changing operations.		ORDER # AXA-1 PRICE EA. \$58.00						
				A	B	C	D	Tool Bit		
				$1\frac{5}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$\frac{3}{16}$ – $\frac{1}{2}$		
#1S		OVERSIZE TURNING AND FACING HOLDER Takes large sizes of bits. Turning and facing tools can be locked in together. Saves time and labor when changing operations. B dimension is oversize which allows larger tools to be used.		ORDER # AXA-1S PRICE EA. \$87.00						
				A	B	C	D	Tool Bit		
				1"	$\frac{5}{8}$	$\frac{7}{16}$	$1\frac{1}{2}$	$\frac{5}{8}$ max		
#2		BORING, TURNING AND FACING HOLDER "V" groove holds round shank boring bars and tools as well as square tool bits.		ORDER # AXA-2 PRICE EA. \$63.00						
				A	B	C	D	Tool Bit	Shank	
				$1\frac{5}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$\frac{3}{16}$ – $\frac{1}{2}$	$\frac{7}{16}$	
#2S		OVERSIZE BORING, TURNING AND FACING HOLDER "V" groove holds round shank boring bars and tools as well as square tool bits. B dimension is oversize which allows larger tools to be used.		ORDER # AXA-2S PRICE EA. \$91.00						
				A	B	C	D	Tool Bit	Shank	
				1"	$\frac{5}{8}$	$\frac{7}{16}$	$1\frac{1}{2}$	$\frac{5}{8}$ max	$\frac{1}{2}$	
#6		MULTIPLE TOOL HOLDER Versatile, ideal for repetitive work: for gang set-ups or form tool.		ORDER # AXA-6 PRICE EA. \$99.00						
				A	B	C	D	Tool Bit		
				1"	$\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{3}{16}$	$\frac{1}{4}$ – $\frac{1}{2}$		
#9		MULTI-PURPOSE HOLDER Ideal for multiple operations. Left or right turning and facing, working close to tail stock, form tool gang set-ups, etc. Extremely useful for short heavy duty boring or CNC gang tooling.		ORDER # AXA-9 PRICE EA. SPECIAL ORDER						
				A	B	C	D	E	F	Tool Bit
				$1\frac{5}{16}$	$\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{7}{8}$	1"	$2\frac{1}{8}$	$\frac{3}{16}$ – $\frac{3}{8}$
#13 #13L		EXTENSION TOOL HOLDER #13 & #13L A new addition to the versatile Aloris dovetail mounted quick-change tool holder series. The #13 provides an extremely rugged extended open slot featuring maximum rigidity for deep turning or facing operation. #13L – opposite hand.		ORDER # AXA-13 PRICE EA. \$99.00		ORDER # AXA-13L PRICE EA. \$106.00				
				A	B	C	D	E	Tool Bit	
				$1\frac{5}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$\frac{3}{16}$ – $\frac{1}{2}$	
HEIGHT ADJUSTMENT ASSEMBLY					ORDER # AXA-HA* PRICE EA. \$12.60					
TOOL HOLDER SET SCREWS (SET OF 4)			ORDER # AXA-SS* PRICE \$6.60 SET							



BXA SERIES						CXA SERIES						CA SERIES						DA SERIES						EA SERIES											
ORDER # BXA-1 PRICE EA. \$68.00						ORDER # CXA-1 PRICE EA. \$85.00						ORDER # CA-1 PRICE EA. \$103.00						ORDER # DA-1 PRICE EA. \$153.00						ORDER # EA-1 PRICE EA. \$240.00											
A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit							
1 ¹ / ₈	⁵ / ₈	¹ / ₂	1 ³ / ₄	¼– ⁵ / ₈		1 ⁷ / ₁₆	³ / ₄	⁵ / ₈	2 ¹ / ₈	½– ³ / ₄		1 ¹¹ / ₁₆	1"	³ / ₄	2 ¹ / ₂	½–1"		2 ³ / ₁₆	1 ¹ / ₄	1"	3 ¹ / ₈	½–1 ¹ / ₄		2 ¹¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₄	4"	¾–1 ¹ / ₂							
ORDER # BXA-1S PRICE EA. \$97.00						ORDER # CXA-1S PRICE EA. \$127.00						ORDER # CA-1S PRICE EA. \$157.00						ORDER # DA-1S PRICE EA. \$234.00																	
A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit													
1 ³ / ₁₆	³ / ₄	¹ / ₂	1 ³ / ₄	¾ max		1 ⁹ / ₁₆	1"	⁵ / ₈	2 ¹ / ₈	1" max		2"	1 ¹ / ₄	³ / ₄	2 ¹ / ₂	1 ¹ / ₄ max		2 ⁵ / ₁₆	1 ¹ / ₂	1"	3 ¹ / ₈	1 ¹ / ₂ max													
ORDER # BXA-2 PRICE EA. \$75.00						ORDER # CXA-2 PRICE EA. \$94.00						ORDER # CA-2 PRICE EA. \$116.00						ORDER # DA-2 PRICE EA. \$166.00						ORDER # EA-2 PRICE EA. \$270.00											
A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank
1 ¹ / ₈	⁵ / ₈	¹ / ₂	1 ³ / ₄	¼– ⁵ / ₈	½	1 ⁷ / ₁₆	³ / ₄	⁵ / ₈	2 ¹ / ₈	½– ³ / ₄	¾	1 ¹¹ / ₁₆	1"	³ / ₄	2 ¹ / ₂	½–1"	¹³ / ₁₆	2 ³ / ₁₆	1 ¹ / ₄	1"	3 ¹ / ₈	½–1 ¹ / ₄	1"	2 ¹¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₄	4"	¾–1 ¹ / ₂	1 ¹ / ₄						
ORDER # BXA-2S PRICE EA. \$103.00						ORDER # CXA-2S PRICE EA. \$133.00						ORDER # CA-2S PRICE EA. \$168.00						ORDER # DA-2S PRICE EA. \$249.00																	
A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank	A	B	C	D	Tool Bit	Shank												
1 ³ / ₁₆	³ / ₄	¹ / ₂	1 ³ / ₄	¾ max	⁵ / ₈	1 ⁹ / ₁₆	1"	⁵ / ₈	2 ¹ / ₈	1" max	¾	2"	1 ¹ / ₄	³ / ₄	2 ¹ / ₂	1 ¹ / ₄ max	1"	2 ⁷ / ₁₆	1 ¹ / ₂	1"	3 ¹ / ₈	1 ¹ / ₂ max	1 ¹ / ₄												
ORDER # BXA-6 PRICE EA. \$116.00						ORDER # CXA-6 PRICE EA. \$130.00						ORDER # CA-6 PRICE EA. \$183.00						ORDER # DA-6 PRICE EA. \$220.00						ORDER # EA-6 PRICE EA. \$413.00											
A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit		A	B	C	D	Tool Bit							
1 ¹ / ₁₆	¹ / ₂	1 ⁹ / ₁₆	1 ³ / ₄	¼–½		1 ⁵ / ₁₆	⁵ / ₈	1 ⁷ / ₁₆	2 ¹ / ₈	¾– ⁵ / ₈		1 ⁹ / ₁₆	³ / ₄	1 ⁷ / ₈	2 ¹ / ₂	½– ³ / ₄		2 ¹ / ₈	1"	2 ¹ / ₈	3 ¹ / ₄	½–1"		2 ⁵ / ₈	1 ¹ / ₄	2 ⁵ / ₈	4"	¾–1 ¹ / ₂							
ORDER # BXA-9 PRICE EA. SPECIAL ORDER						ORDER # CXA-9 PRICE EA. SPECIAL ORDER						ORDER # CA-9 PRICE EA. SPECIAL ORDER						ORDER # DA-9 PRICE EA. SPECIAL ORDER																	
A	B	C	D	E	F	Tool Bit	A	B	C	D	E	F	Tool Bit	A	B	C	D	E	F	Tool Bit	A	B	C	D	E	F	Tool Bit								
1 ¹ / ₈	¹ / ₂	1 ³ / ₄	2 ¹ / ₁₆	1 ³ / ₁₆	2 ⁵ / ₈	¼–½	1 ⁵ / ₁₆	⁵ / ₈	2"	3"	1 ⁵ / ₈	3 ³ / ₈	¾– ⁵ / ₈	1 ¹ / ₂	³ / ₄	2 ¹ / ₂	3 ³ / ₈	1 ³ / ₄	3 ⁷ / ₈	¾– ³ / ₄	2"	1"	3"	4"	2 ¹ / ₈	4 ⁷ / ₈	½–1"								
ORDER # BXA-13 PRICE EA. \$112.00			ORDER # BXA-13L PRICE EA. \$118.00			ORDER # CXA-13 PRICE EA. \$125.00			ORDER # CXA-13L PRICE EA. \$131.00			ORDER # CA-13 PRICE EA. \$149.00			ORDER # CA-13L PRICE EA. \$156.00			ORDER # DA-13 PRICE EA. \$248.00			ORDER # DA-13L PRICE EA. \$284.00			ORDER # EA-13 PRICE EA. \$369.00			ORDER # EA-13L PRICE EA. \$381.00								
A	B	C	D	E	Tool Bit		A	B	C	D	E	Tool Bit		A	B	C	D	E	Tool Bit		A	B	C	D	E	Tool Bit		A	B	C	D	E	Tool Bit		
1 ¹ / ₈	⁵ / ₈	¹ / ₂	1 ³ / ₄	2 ¹ / ₄	¼– ⁵ / ₈		1 ⁷ / ₁₆	³ / ₄	⁵ / ₈	2 ¹ / ₈	3 ³ / ₈	½– ³ / ₄		1 ¹¹ / ₁₆	1"	³ / ₄	2 ¹ / ₂	3 ³ / ₄	½–1"		2 ¹ / ₈	1 ¹ / ₄	1"	3 ¹ / ₈	5"	½–1 ¹ / ₄		2 ¹¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₄	4"	6 ¹ / ₂	¾–1 ¹ / ₂		
ORDER # BXA-HA* PRICE EA. \$12.60						ORDER # CXA-HA* PRICE EA. \$13.20						ORDER # CA-HA* PRICE EA. \$15.60						ORDER # DA-HA* PRICE EA. \$19.25						ORDER # EA-HA* PRICE EA. \$22.80											
ORDER # BXA-SS* PRICE \$6.60 SET						ORDER # CXA-SS* PRICE \$6.60 SET						ORDER # CA-SS* PRICE \$7.70 SET						ORDER # DA-SS* PRICE \$7.70 SET						ORDER # EA-SS* PRICE \$12.00 SET											