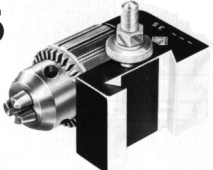
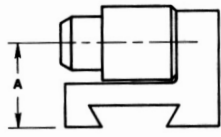

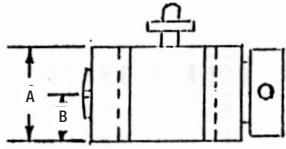
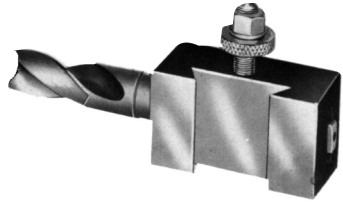
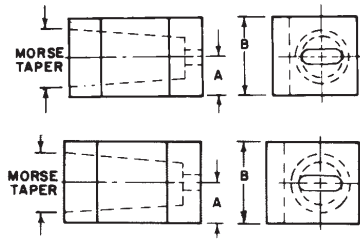

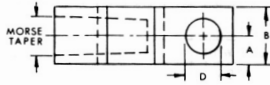



# QUICK CHANGE DRILLING HOLDERS

			<b>AXA SERIES</b>		
<b>#35</b>		<b>DOVETAIL CHUCK HOLDER</b> The uniquely designed dovetail chuck holder permits quick and accurate mounting of drills, reamers, taps, boring bars, etc., and feed by means of your lathe's carriage power drive—it eliminates tailstock mounting and tailstock drive. The Aloris chuck holder offers all of the quick-change, repeat positioning accuracy and high-rigidity features found in all Aloris precision dovetail holders. The chuck is mounted in a recessed position for minimum overhang, permitting use of the entire usable length of the tool. Available in capacities up to 3/4-in. Dovetail holder supplied complete with chuck and key.			
			<b>ORDER # AXA-35</b> PRICE EA. \$247.00		
<b>A</b>	CHUCK CAPACITY				
2	0 - 1/2				
<b>#5C</b>		<b>5C COLLET HOLDER</b> Can be used with a variety of shank tools: drills, reamers, C. bores, taps, end mills, boring bars and other tools. Collet not included.			
			<b>ORDER # AXA-5C</b> PRICE EA. \$163.00		
<b>A</b>	<b>B</b>	COLLET SIZE			
1/8	15/16	5C			
<b>#5, #53, #54, #55</b>		<b>MORSE TAPER HOLDER</b> Drills with carriage by using power feed instead of tail stock. Easily centered.			
			<b>ORDER # AXA-5</b> PRICE EA. \$94.00		
<b>A</b>	<b>B</b>	TAPER HOLE SIZE			
3/4	1 1/2	#2 M.T.			
			<b>ORDER # AXA-53</b> PRICE EA. \$117.00		
<b>A</b>	<b>B</b>	TAPER HOLE SIZE			
3/4	1 1/2	#3 M.T.			
<b>#21</b>		<b>DRILLING &amp; BORING HOLDER</b> Combines drilling and boring operations in a single unit. Used with the Aloris super precision tool post, the holder is simply switched – in seconds – from one dovetail to the other. Repeat positioning accuracy of .0001 inch is assured at all setting and adjustment points. A standard Morse Taper accommodates a wide range of drill diameters, permitting drilling by carriage and power feed instead of tailstock. The boring bar, reamer, tap or other straight shank tool can be quickly released and removed from the holder.			
			<b>ORDER # AXA-21</b> PRICE EA. <b>SPECIAL ORDER</b>		
<b>A</b>	<b>B</b>	<b>D</b>	TAPER HOLE SIZE		
7/8	1 3/4	3/4	#3 M.T.		
		<b>HEIGHT ADJUSTMENT ASSEMBLY</b>			
			<b>ORDER # AXA-HA*</b> PRICE EA. \$12.60		

## #44 BREECH-LOADING TAPER SOCKETS AND HOLDERS

...offers all of the advantages of the well known series 42 quick-change super-precision boring bar holder; with the addition of a gravity latch which allows the holder to accept the new breech-loading AMS Morse taper sockets shown below.

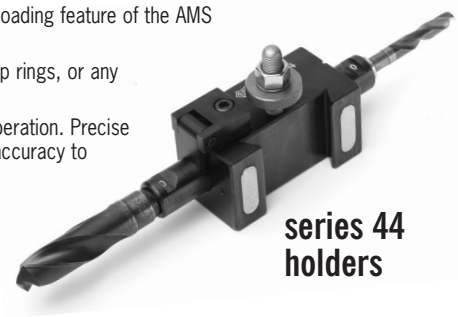
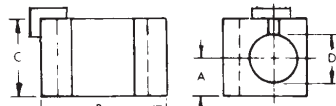
The latch provides positioning accuracy, prevents turning of the taper socket, and assures rigidity. The breech or back-end loading feature of the AMS Morse taper socket, reduces tool changeover time because the cross-slide remains fixed, eliminating re-centering.

The latch does not interfere with the holder's ability to accept Aloris series BB\_\_ boring bars, with or without keyed lock stop rings, or any round shank tools.

A flick of the Aloris tool post handle locks both the holder and taper socket (or boring bar) in working position in one fast operation. Precise height adjustment is set and locked by means of a knurled stop and lock-nut on the holder, and positive repeat positioning accuracy to within 0.0001 inches is assured. Breech-loading taper sockets and holders shown on page 9.

**NOT FOR PISTON TYPE TOOL POST**

SPECIAL ORDER # CXA-44				SPECIAL ORDER # CA-44			
A	B	C	D	A	B	C	D
1"	3 3/4"	2"	1"	1 1/8"	4 1/4"	2 1/4"	1"



**series 44 holders**



BXA SERIES				CXA SERIES				CA SERIES				DA SERIES				EA SERIES													
ORDER # BXA-35 PRICE EA. \$260.00				ORDER # CXA-35 PRICE EA. \$274.00				ORDER # CA-35 PRICE EA. \$319.00				ORDER # DA-35 PRICE EA. \$360.00																	
A		CHUCK CAPACITY		A		CHUCK CAPACITY		A		CHUCK CAPACITY		A		CHUCK CAPACITY															
2		0 – 1/2		2 9/16		0 – 1/2		2 9/16		3/16 – 3/4		2 13/16		3/16 – 3/4															
ORDER # BXA-5C PRICE EA. \$170.00				ORDER # CXA-5C PRICE EA. \$192.00				ORDER # CA-5C PRICE EA. \$217.00				ORDER # DA-5C PRICE EA. \$305.00																	
A		B		COLLET SIZE		A		B		COLLET SIZE		A		B		COLLET SIZE													
1 7/8		1 5/16		5C		2"		1"		5C		2 1/4		1 1/8		5C													
ORDER # BXA-5 PRICE EA. \$99.00				ORDER # CXA-5 PRICE EA. \$124.00				ORDER # CA-5 PRICE EA. \$145.00				ORDER # DA-5 PRICE EA. \$214.00				ORDER # EA-5 PRICE EA. \$382.00													
A		B		TAPER HOLE SIZE		A		B		TAPER HOLE SIZE		A		B		TAPER HOLE SIZE		A		B		TAPER HOLE SIZE							
7/8		1 3/4		#2 M.T.		1"		2"		#3 M.T.		1 1/4		2 1/2		#3 M.T.		1 9/16		3 3/8		#4 M.T.		1 5/8		3 1/4		#5 M.T.	
ORDER # BXA-53 PRICE EA. \$130.00				ORDER # CXA-54 PRICE EA. \$143.00				ORDER # CA-54 PRICE EA. \$168.00				ORDER # DA-55 PRICE EA. \$227.00																	
A		B		TAPER HOLE SIZE		A		B		TAPER HOLE SIZE		A		B		TAPER HOLE SIZE													
7/8		1 3/4		#3 M.T.		1 1/16		2 1/8		#4 M.T.		1 1/4		2 1/2		#4 M.T.		1 5/8		3 3/4		#5 M.T.							
ORDER # BXA-21 PRICE EA. SPECIAL ORDER				ORDER # CXA-21 PRICE EA. SPECIAL ORDER				ORDER # CA-21 PRICE EA. SPECIAL ORDER																					
A		B		D		TAPER HOLE SIZE		A		B		D		TAPER HOLE SIZE		A		B		D		TAPER HOLE SIZE							
7/8		1 3/4		3/4		#3 M.T.		1"		2"		1"		#3 M.T.		1 1/8		2 1/4		1"		#4 M.T.							
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													

## BREECH-LOADING TAPER SOCKETS AND HOLDERS

...designed to accept drills, reamers, taps, etc. with Morse taper shanks. Permits rapid interchanging of the two tools without disengaging the tapers, and without moving the cross-slide. The socket is notched at one-inch intervals so that machining depth can be repeated accurately from piece to piece. The gravity latch on the series 44 engages with the selected bar notch to assure accurate positioning and to prevent the bar from turning.

ORDER #	O.D.	MORSE TAPER	PRICE EACH
AMS-2	1"	#2	SPECIAL ORDER



series AMS  
breech-loading  
Morse taper sockets