
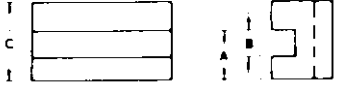

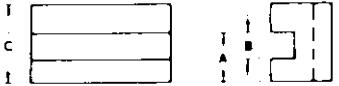



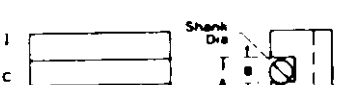

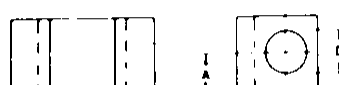

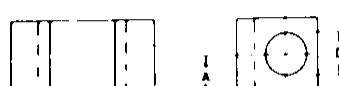






ALORIS INDEXABLE TOOL HOLDERS

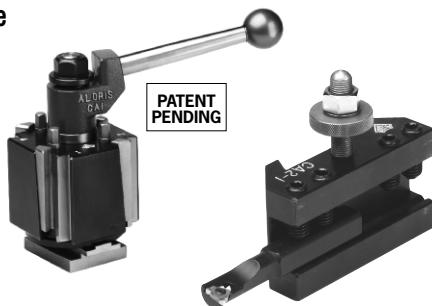
#1-I  TURNING & FACING HOLDER 	ORDER # BXA-1-I PRICE EA. \$72.00	ORDER # CA-1-I PRICE EA. \$111.00	ORDER # DA-1-I PRICE EA. \$163.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>1³/₁₆</td> <td>1¹/₁₆</td> <td>1³/₄</td> <td>5/8</td> </tr> </tbody> </table>	A	B	C	Tool Cap	1 ³ / ₁₆	1 ¹ / ₁₆	1 ³ / ₄	5/8	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>1¹³/₁₆</td> <td>1"</td> <td>2¹/₂</td> <td>1"</td> </tr> </tbody> </table>	A	B	C	Tool Cap	1 ¹³ / ₁₆	1"	2 ¹ / ₂	1"	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>2¹/₄</td> <td>1¹/₄</td> <td>3³/₈</td> <td>1¹/₄</td> </tr> </tbody> </table>	A	B	C	Tool Cap	2 ¹ / ₄	1 ¹ / ₄	3 ³ / ₈	1 ¹ / ₄
A	B	C	Tool Cap																								
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	Turning and facing accommodates a variety of turning or facing tools. Capacity listed in chart.																										
#1-IX  OVERSIZE TURNING & FACING HOLDER 	ORDER # BXA-1-IX PRICE EA. \$99.00	ORDER # CA-1-IX PRICE EA. \$154.00	ORDER # DA-1-IX PRICE EA. \$238.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>1³/₁₆</td> <td>3/4</td> <td>1³/₄</td> <td>3/4</td> </tr> </tbody> </table>	A	B	C	Tool Cap	1 ³ / ₁₆	3/4	1 ³ / ₄	3/4	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>1¹³/₁₆</td> <td>1¹/₄</td> <td>2¹/₂</td> <td>1¹/₄</td> </tr> </tbody> </table>	A	B	C	Tool Cap	1 ¹³ / ₁₆	1 ¹ / ₄	2 ¹ / ₂	1 ¹ / ₄	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>2⁵/₁₆</td> <td>1¹/₂</td> <td>3³/₈</td> <td>1¹/₂</td> </tr> </tbody> </table>	A	B	C	Tool Cap	2 ⁵ / ₁₆	1 ¹ / ₂	3 ³ / ₈	1 ¹ / ₂
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	Turning and facing accommodates a variety of turning or facing tools. Capacity listed in chart. Larger tool capacity.																										
#2-I  TURNING, FACING & BORING HOLDER 	ORDER # BXA-2-I PRICE EA. \$78.00	ORDER # CA-2-I PRICE EA. \$123.00	ORDER # DA-2-I PRICE EA. \$175.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Sq Shank</th> </tr> </thead> <tbody> <tr> <td>1³/₁₆</td> <td>1¹/₁₆</td> <td>1³/₄</td> <td>5/8 1/2</td> </tr> </tbody> </table>	A	B	C	Sq Shank	1 ³ / ₁₆	1 ¹ / ₁₆	1 ³ / ₄	5/8 1/2	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Sq Shank</th> </tr> </thead> <tbody> <tr> <td>1¹³/₁₆</td> <td>1"</td> <td>2¹/₂</td> <td>1" 1³/₁₆</td> </tr> </tbody> </table>	A	B	C	Sq Shank	1 ¹³ / ₁₆	1"	2 ¹ / ₂	1" 1 ³ / ₁₆	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Sq Shank</th> </tr> </thead> <tbody> <tr> <td>2¹/₄</td> <td>1¹/₄</td> <td>3³/₈</td> <td>1¹/₄ 1"</td> </tr> </tbody> </table>	A	B	C	Sq Shank	2 ¹ / ₄	1 ¹ / ₄	3 ³ / ₈	1 ¹ / ₄ 1"
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	Boring, turning and facing holder accommodates round shank tools in "V" groove as well as turning and facing tools as the #1 holder. Capacity listed in chart.																										
#2-IX  OVERSIZE TURNING, FACING & BORING HOLDER 	ORDER # BXA-2-IX PRICE EA. \$103.00	ORDER # CA-2-IX PRICE EA. \$168.00	ORDER # DA-2-IX PRICE EA. \$251.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Sq Shank</th> </tr> </thead> <tbody> <tr> <td>1³/₁₆</td> <td>3/4</td> <td>1³/₄</td> <td>3/4 1/2</td> </tr> </tbody> </table>	A	B	C	Sq Shank	1 ³ / ₁₆	3/4	1 ³ / ₄	3/4 1/2	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Sq Shank</th> </tr> </thead> <tbody> <tr> <td>1¹³/₁₆</td> <td>1¹/₄</td> <td>2¹/₂</td> <td>1¹/₄ 1³/₁₆</td> </tr> </tbody> </table>	A	B	C	Sq Shank	1 ¹³ / ₁₆	1 ¹ / ₄	2 ¹ / ₂	1 ¹ / ₄ 1 ³ / ₁₆	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Tool Cap</th> </tr> </thead> <tbody> <tr> <td>2⁵/₁₆</td> <td>1¹/₂</td> <td>3³/₈</td> <td>1¹/₂</td> </tr> </tbody> </table>	A	B	C	Tool Cap	2 ⁵ / ₁₆	1 ¹ / ₂	3 ³ / ₈	1 ¹ / ₂
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	Boring, turning and facing holder accommodates round shank tools in "V" groove as well as turning and facing tools as the #1 holder. Capacity listed in chart. Larger tool capacity.																										
#100-I  BORING BAR HOLDER 	ORDER # BXA-100-I PRICE EA. \$113.00	ORDER # CA-100-I PRICE EA. \$154.00	ORDER # DA-100-I PRICE EA. \$201.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>7/8</td> <td>1³/₄</td> <td>3/4</td> </tr> </tbody> </table>	A	B	D	7/8	1 ³ / ₄	3/4	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1¹/₈</td> <td>2¹/₄</td> <td>1"</td> </tr> </tbody> </table>	A	B	D	1 ¹ / ₈	2 ¹ / ₄	1"	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1¹/₈</td> <td>2³/₄</td> <td>1¹/₄</td> </tr> </tbody> </table>	A	B	D	1 ¹ / ₈	2 ³ / ₄	1 ¹ / ₄						
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	Heavy duty boring bar holder with precision ground bore and set screw clamping to provide maximum rigidity and alignment of boring bars. Capacities listed in chart. See the full line of boring bars on page 40-44.																										
#104-I  BORING BAR HOLDER 	ORDER # BXA-104-I PRICE EA. \$119.00	ORDER # CA-104-I PRICE EA. \$163.00	ORDER # DA-104-I PRICE EA. \$208.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>2"</td> <td>1"</td> </tr> </tbody> </table>	A	B	D	1"	2"	1"	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1¹/₄</td> <td>2¹/₂</td> <td>1¹/₄</td> </tr> </tbody> </table>	A	B	D	1 ¹ / ₄	2 ¹ / ₂	1 ¹ / ₄	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1⁵/₈</td> <td>3³/₄</td> <td>1¹/₂</td> </tr> </tbody> </table>	A	B	D	1 ⁵ / ₈	3 ³ / ₄	1 ¹ / ₂						
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	Heavy duty boring bar holder with precision ground bore and set screw clamping to provide maximum rigidity and alignment of boring bars. Capacities listed in chart. See the full line of boring bars on page 40-44.																										
#77-I  CUTOFF HOLDER (CARBIDE) 	ORDER # BXA-77-I PRICE EA. \$204.00	ORDER # CA-77-I PRICE EA. \$251.00	ORDER # DA-77-I PRICE EA. \$327.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>1⁵/₁₆</td> <td>1³/₄</td> </tr> </tbody> </table>	A	B	1 ⁵ / ₁₆	1 ³ / ₄	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>1¹/₄</td> <td>2¹/₂</td> </tr> </tbody> </table>	A	B	1 ¹ / ₄	2 ¹ / ₂	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>1⁹/₁₆</td> <td>3</td> </tr> </tbody> </table>	A	B	1 ⁹ / ₁₆	3												
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A	B																										
1 ¹ / ₄	2 ¹ / ₂																										
A	B																										
1 ⁹ / ₁₆	3																										
	Cut-off & Grooving Holders – Designed for extreme rigidity under heavy cutting conditions. See page 33 for blades and inserts.																										
#77-I WEDGE & LOCK SCREW	WSA-BXA-77-I Clamp & Screws \$35.00	WSA-CA-77-I Clamp & Screws \$36.00	WSA-DA-77-I Clamp & Screws \$41.00																								
#53-I #54-I #55-I  MORSE TAPER HOLDER 	ORDER # BXA-53-I PRICE EA. \$109.00	ORDER # CA-54-I PRICE EA. \$173.00	ORDER # DA-55-I PRICE EA. \$232.00																								
	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>Taper Hole Size</th> </tr> </thead> <tbody> <tr> <td>7/8</td> <td>1³/₄</td> <td>#3 MT</td> </tr> </tbody> </table>	A	B	Taper Hole Size	7/8	1 ³ / ₄	#3 MT	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>Taper Hole Size</th> </tr> </thead> <tbody> <tr> <td>1¹/₄</td> <td>2¹/₂</td> <td>#4 MT</td> </tr> </tbody> </table>	A	B	Taper Hole Size	1 ¹ / ₄	2 ¹ / ₂	#4 MT	<table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>Taper Hole Size</th> </tr> </thead> <tbody> <tr> <td>1⁵/₈</td> <td>3³/₄</td> <td>#5 MT</td> </tr> </tbody> </table>	A	B	Taper Hole Size	1 ⁵ / ₈	3 ³ / ₄	#5 MT						
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1 ⁵ / ₈	3 ³ / ₄	#5 MT																									
	Morse Taper Holder – Precision ground taper bore with tang locks. Morse Taper drills securely so operator can power feed drills with the carriage rather than manually with the conventional tailstock.																										

Spare parts available upon request. Standard Aloris holders that can be modified by mitering the corners to prevent interference when mounting onto tool post: #1, #2, #4, #4D, #100, #141, #104, #7, #35.

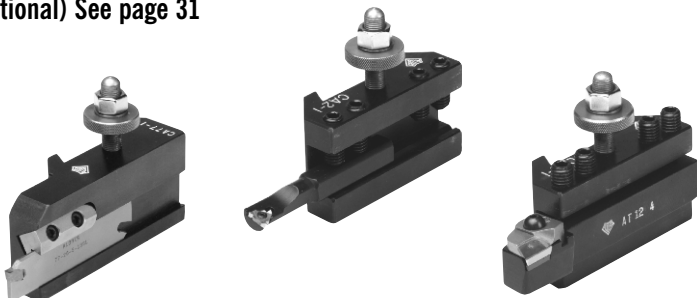
ALORIS INDEXABLE STARTER SETS

FOR MANUAL AND CNC LATHES

- Precision Engineered to Assure Repetitive Accuracy
- Accuracy Within Millionths!
- CNC Applications
- Super Rigidity
- No Shims Required
- Available with Anti-rotation Key (Optional)
- Furnished with Blank "T" Nut or Machined "T" Nut (Optional) See page 31



PATENT PENDING



This precision engineered tool post was designed by Aloris Tool Technology Co. Inc. to solve typical problems encountered by machinists. This tool post incorporates the full length Aloris wedge design for maximum rigidity, individual height adjustments—so shims are not required, and superior indexing which allows the machinist to select any of the tools which are mounted to accomplish multiple operations without removing tools from the holder absolutely reduces set-up time and cycle time, and enhances accuracy.

The basic set consists of one tool post, mounting wrench, "T" nut blank, and four holders: 1 pc. – #1-I turning and facing; 2 pcs. – #2-I facing, turning, and boring; 1 pc. – #77-I cutoff. Blades, inserts, and boring bars not included.

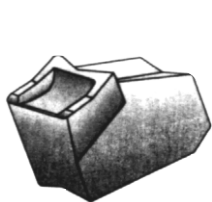
- Aloris recommends customers to order the indexable tool post with the optional Anti-rotation Key which avoids movement under extreme conditions.
- Spare parts pricing available upon request.

SERIES	BXA-I	CA-I	DA-I
ORDER #	BXA-I-SET	CA-I-SET	DA-I-SET
LIST PRICE FOR SET	\$1515.00	\$2352.00	\$2924.00
W/OVER 5% SAVINGS	\$1439.00	\$2234.00	\$2778.00

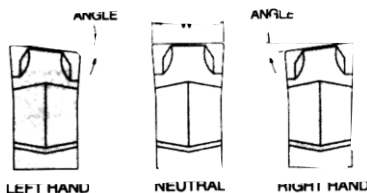
GT STYLE SELF GRIP CARBIDE CUT-OFF INSERTS

WITH POSITIVE RAKE SHARP EDGE FOR MANUAL & CNC LATHES

FOR DESCRIPTION OF CARBIDE GRADES & CUTTING EDGE GEOMETRY SEE PAGE 54



Left Hand – 8° Lead Angle Neutral – 0° Lead Angle Right Hand – 8° Lead Angle



Catalog Number	Cutting Edge Geometry	Cutting Width	Lead Angle	List Price Grade A2 or A6 Each	List Price Grade 767 Each
GTN 2*	P	.087	0	\$ 7.00	\$ 7.95
†† GT L/R 2*	P	.087	8	7.47	8.41
GTN 2.4*	P	.093	0	9.33	10.60
†† GT L/R 2.4*	P	.093	8	9.33	11.20
GTN 3*	P	.120	0	6.99	7.95
†† GT L/R 3*	P	.120	8	7.52	8.41
GTN 4*	P	.160	0	8.13	9.90
†† GT L/R 4*	P	.160	8	8.58	10.38
GTN 4.8*	P	.187	0	11.73	14.12
†† GT L/R 4.8*	P	.187	8	12.38	14.73
GTN 5*	P	.200	0	8.78	10.61
†† GT L/R 5*	P	.200	8	9.05	11.03
GTN 6*	P	.250	0	13.69	16.08
†† GT L/R 6*	P	.250	8	14.30	16.70
GTN 8*	P	.315	0	20.38	22.77
†† GT L/R 8*	P	.315	4	20.98	23.38
GTN 9*	P	.375	0	27.16	32.74
†† GT L/R 9*	P	.375	4	27.83	30.16

††Specify left or right hand. †††Call for price over 100 quantity.

Inserts are priced individually, however, they must be purchased in packages of 10.

For blades see page 46.

SELF LOCKING BLADES FOR #77-I HOLDERS



	BXA-I	CA-I	DA-I
ORDER #	SGIH 19-2*	SGIH 26-2*	SGIH 32-3*
WIDTH OF CUT x HEIGHT	.093 x .750	.093 x 1.00	.120 x 1.25
PRICE EA.	\$78.00	\$78.00	\$90.00
ORDER #	SGIH 19-3*	SGIH 26-3*	SGIH 32-5*
WIDTH OF CUT x HEIGHT	.120 x .750	.120 x 1.00	.187 x 1.25
PRICE EA.	\$78.00	\$81.00	\$91.00
ORDER #		SGIH 26-4*	SGIH 32-6*
WIDTH OF CUT x HEIGHT		.160 x 1.00	.250 x 1.25
PRICE EA.		\$81.00	\$91.00
ORDER #		SGIH 26-5*	
WIDTH OF CUT x HEIGHT		.187 x 1.00	
PRICE EA.		\$81.00	

See full selection of cutting tools on pages 49 – 54.