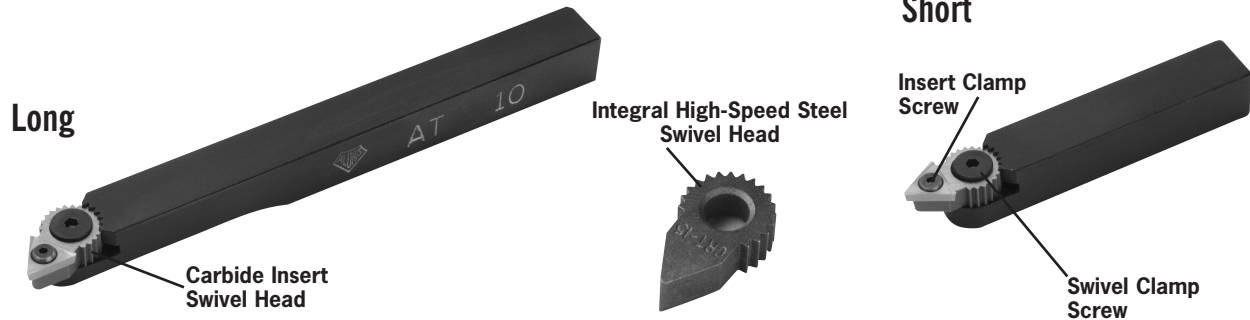


MINI SWIVEL-CARTRIDGE TOOL HOLDERS

FOR LEFT OR RIGHT HAND TURNING, BORING, FACING AND CHAMFERING.



...tool holder can be used with cartridge or high-speed steel swivel head. Indexing of every 15° permits many angular turning and boring operations. Adjustment is made by just one turn of the lock screw, and selecting desired setting — 12 positive lock positions.

The cartridge accommodates triangular carbide insert with "0" rake allowing internal and external threading. The high-speed steel swivel head has 60° included angle and can be ground to various job requirements.

...a short version with all of the desirable features of the holder described at left. Designed for mounting in boring bars, such as Aloris BB___ series for angular boring and threading. In addition, the short holder can be used in Aloris quick-change tool holders #6, #9 and #18 for multiple turning. For carbide insert and high-speed steel swivel heads, see table above.

ORDERING INFORMATION			REPLACEMENT PARTS								
TOOL HOLDER – SHORT			SAVE 20% ON SET OF 3 ORDER #	HIGH SPEED SWIVEL HEAD		SWIVEL CLAMP SCREW For Hi-Speed & Carbide Swivel Head		CARBIDE INSERT SWIVEL HEAD		INSERT CLAMP SCREW	
ORDER #	PRICE EA.	SHANK SIZE		ORDER #	PRICE EA.	ORDER #	PRICE EA.	ORDER #	PRICE EA.	ORDER #	PRICE EA.
AT-5S	\$56.10	3/8 x 3/8 x 2	ATS-SET \$154.00	CRT-5H*	\$20.40	LS-5C*	\$2.20	CRT-5*	\$25.20	LS-2L*	\$2.20
AT-10S	\$62.70	1/2 x 1/2 x 2 3/4		CRT-10H*	\$21.60	LS-10C*	\$2.48	CRT-10*	\$27.60	LS-4*	\$2.20
AT-15S	\$72.60	5/8 x 5/8 x 3 1/2		CRT-15H*	\$24.00	LS-15C*	\$2.75	CRT-15*	\$30.00	LS-6*	\$2.20

ORDERING INFORMATION				REPLACEMENT PARTS								
TOOL HOLDER – LONG				SAVE 20% ON SET OF 3 ORDER #	HIGH SPEED SWIVEL HEAD		SWIVEL CLAMP SCREW For Hi-Speed & Carbide Swivel Head		CARBIDE INSERT SWIVEL HEAD		INSERT CLAMP SCREW	
ORDER #	PRICE EA.	SHANK SIZE	MIN. BORE DIA.		ORDER #	PRICE EA.	ORDER #	PRICE EA.	ORDER #	PRICE EA.	ORDER #	PRICE EA.
AT-5	\$58.30	3/8 x 3/8 x 4	3/4	ATL-SET \$160.60	CRT-5H*	\$20.40	LS-5C*	\$2.20	CRT-5*	\$25.20	LS-2L*	\$2.20
AT-10	\$64.90	1/2 x 1/2 x 5	1"		CRT-10H*	\$21.60	LS-10C*	\$2.48	CRT-10*	\$27.60	LS-4*	\$2.20
AT-15	\$77.00	5/8 x 5/8 x 6	1 3/8		CRT-15H*	\$24.00	LS-15C*	\$2.75	CRT-15*	\$30.00	LS-6*	\$2.20

CARBIDE INSERTS FOR MINI SWIVEL-CARTRIDGE TOOL HOLDERS*

STYLE ATPG	STYLE ATPGHL	STYLE ATPGHR	HOLDER #	CARBIDE INSERT SWIVEL HEAD #	DIMENSIONS			INSERT ORDER #*	GRADE	
					I.C.	T	R		A2/A6	767
	AT-5,5S	CRT-5	5/32	1/16	1/64	ATPG-321*	\$ 7.81	\$11.14		
	AT-10, 10S	CRT-10	1/4	3/32	1/64	ATPG-431*	\$ 8.31	\$12.13		
						ATPGHL-431*	\$11.64	\$15.47		
						ATPGHR-431*	\$11.64	\$15.47		
	AT-15, 15S	CRT-15	5/16	1/8	1/64	ATPG-541*	\$ 8.31	\$12.13		
						ATPGHL-541*	\$12.07	\$15.40		
ATPGHR-541*						\$12.07	\$15.40			

*Sold in package of 10 pcs. **100 & up call for price.

See full selection of inserts on pages 49 – 54.