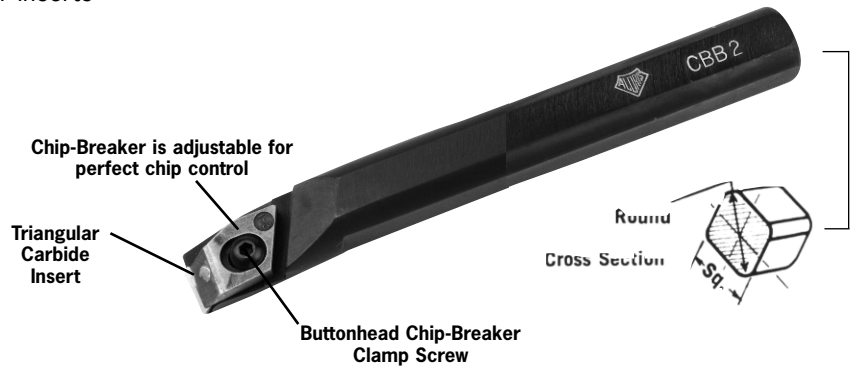


ALORIS ADJUSTABLE CHIPBREAKER BORING BARS

- Heat-treated alloy steel
- Supplied with adjustable carbide chip-breaker and carbide shim to protect the boring bar
- Accommodates standard positive rake triangular inserts
- Used for boring to square shoulder
- Can be used with open slot holders #1 and #2, as well as heavy duty holders #4, #41, #4D, #41D, #100, #104, #141



ORDERING INFORMATION								REPLACEMENT PARTS							
BORING BAR ORDER #	PRICE EA.	BORING BAR SIZE			MIN. BORE DIA.	INSERT SIZE		ADJUSTABLE CHIPBREAKER		CHIPBREAKER CLAMP SCREW		CARBIDE SHIM		CARBIDE SHIM SCREW	
		Square	Round	Length		I.C.	Thick	ORDER #	PRICE EA.	ORDER #	PRICE EA.	ORDER #	PRICE EA.	ORDER #	PRICE SET OF 5
CBB-1	\$125.00	5/8	3/4	8"	1 1/8	3/8	1/8	CB-13*	\$23.00	SCR-1*	\$4.50	SM-41*	\$7.00	SM-41SS*	\$7.00
CBB-2	\$140.00	7/8	1"	12"	1 1/4	3/8	1/8	CB-13*	\$23.00	SCR-2*	\$4.50	SM-41*	\$7.00	SM-41SS*	\$7.00
CBB-3	\$165.00	1 1/16	1 1/4	14"	1 5/16	3/8	1/8	CB-13*	\$23.00	SCR-3*	\$6.00	SM-41*	\$7.00	SM-41SS*	\$7.00
CBB-4	\$225.00	1 1/4	1 1/2	16"	1 5/8	1/2	3/16	CB-46*	\$25.00	SCR-12*	\$5.00	SM-37*	\$7.70	SM-37SS*	\$8.25

INSERTS FOR ADJUSTABLE CHIPBREAKER BORING BARS*

STYLE TPG	DIMENSIONS			INSERT ORDER #*	GRADE	
	I.C.	T	R		A2/A6	767
		3/8	1/8	1/32	TPG-322*	\$6.30
	1/2	3/16	1/32	TPG-432*	\$9.15	\$15.70

*Inserts are priced individually, however, they must be purchased in packages of 10. **100 & up call for price. See full selection of inserts on pages 49 – 54.

ALORIS REVERSIBLE BORING BARS FOR SQUARE TOOL BITS

The Aloris boring bars are designed for 45° and 90° cutting tool positions. Both ends of the boring bar are broached in the same plane, so that either end can be used after removing the bar from the holder.



NOTE: All boring bars are supplied with screw wrench and tool bits.

BORING BAR ORDER #	PRICE EA.	DIA.	LENGTH	SQUARE CUTTER
BB-1	\$ 45.00	5/8	10"	3/16
BB-2	\$ 49.00	3/4	12"	1/4
BB-3	\$ 63.00	1"	14"	5/16
BB-4	\$ 90.00	1 1/4	16"	3/8
BB-5	\$134.00	1 1/2	22"	1/2
BB-6	\$192.00	2"	24"	1/2
BB-7	\$266.00	2 1/2	30"	5/8

BORING BARS FOR SQ. TOOL BITS

DESIGNED IN TWO MODELS: ONE FOR 45°, OTHER FOR 90° CUTTING TOOL POSITION



BORING BAR ORDER #	PRICE EA.	DIA.	LENGTH	TOOL BIT	
FOR 90° CUTTING ANGLE	BB-8	\$38.00	3/4	6"	1/4
	BB-10	\$51.00	1"	9"	5/16
FOR 45° CUTTING ANGLE	BB-9	\$41.00	3/4	6"	1/4
	BB-11	\$51.00	1"	9"	5/16