

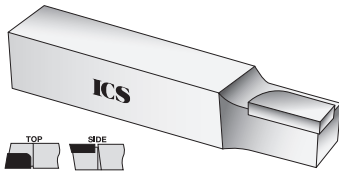
# CARBIDE TIPPED BORING BARS

ICS EUR/KOR

GENERAL PURPOSE

All Carbide Tipped Tool Bits are available with either a C-2 (cast iron) or C-5 (steel) grade carbide tip for cutting. Please specify grade when ordering.

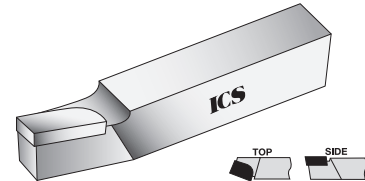
**STYLE "AR & AL"**



STRAIGHT OR NO LEAD ANGLE

All tools have size and grade of carbide stamped on side.

**STYLE "BR & BL"**

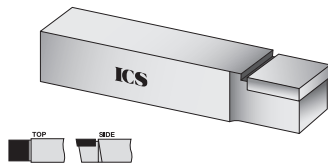


15° LEAD ANGLE

ITEM NO.		TOOL NO.		SHANK SIZE	PRICE
PREFIX - GRADE	RT. HAND	LFT. HAND			
CTTB (GRADE)	AR 04	AL 04		1/4 x 1/4 x 2	7.06
CTTB (GRADE)	AR 05	AL 05		5/16 x 5/16 x 2-1/4	7.32
CTTB (GRADE)	AR 06	AL 06		3/8 x 3/8 x 2-1/2	7.42
CTTB (GRADE)	AR 08	AL 08		1/2 x 1/2 x 3-1/2	8.00
CTTB (GRADE)	AR 10	AL 10		5/8 x 5/8 x 4	10.58
CTTB (GRADE)	AR 12	AL 12		3/4 x 3/4 x 4-1/2	14.12

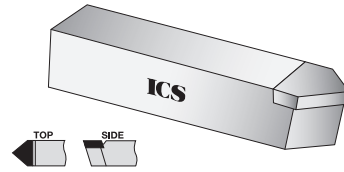
ITEM NO.		TOOL NO.		SHANK SIZE	PRICE
PREFIX - GRADE	RT. HAND	LFT. HAND			
CTTB (GRADE)	BR 04	BL 04		1/4 x 1/4 x 2	7.06
CTTB (GRADE)	BR 05	BL 05		5/16 x 5/16 x 2-1/4	7.32
CTTB (GRADE)	BR 06	BL 06		3/8 x 3/8 x 2-1/2	7.42
CTTB (GRADE)	BR 08	BL 08		1/2 x 1/2 x 3-1/2	8.00
CTTB (GRADE)	BR 10	BL 10		5/8 x 5/8 x 4	10.58
CTTB (GRADE)	BR 12	BL 12		3/4 x 3/4 x 4-1/2	14.12

**STYLE "C"**



SQUARE NOSE

**STYLE "D"**

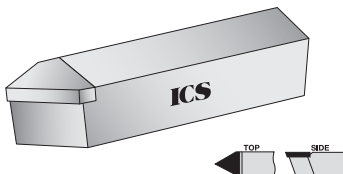


80° INCLUDED ANGLE

ITEM NO.		SHANK SIZE	PRICE
PREFIX - GRADE	TOOL NO.		
CTTB (GRADE)	C 04	1/4 x 1/4 x 2	7.06
CTTB (GRADE)	C 05	5/16 x 5/16 x 2-1/4	7.32
CTTB (GRADE)	C 06	3/8 x 3/8 x 2-1/2	7.42
CTTB (GRADE)	C 08	1/2 x 1/2 x 3-1/2	8.00
CTTB (GRADE)	C 10	5/8 x 5/8 x 4	10.58
CTTB (GRADE)	C 12	3/4 x 3/4 x 4-1/2	14.12

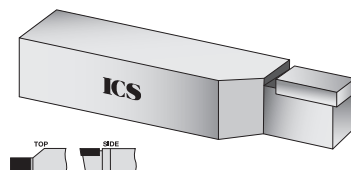
ITEM NO.		SHANK SIZE	PRICE
PREFIX - GRADE	TOOL NO.		
CTTB (GRADE)	D 04	1/4 x 1/4 x 2	7.06
CTTB (GRADE)	D 05	5/16 x 5/16 x 2-1/4	7.32
CTTB (GRADE)	D 06	3/8 x 3/8 x 2-1/2	7.42
CTTB (GRADE)	D 08	1/2 x 1/2 x 3-1/2	8.00
CTTB (GRADE)	D 10	5/8 x 5/8 x 4	10.58
CTTB (GRADE)	D 12	3/4 x 3/4 x 4-1/2	14.12

**STYLE "E"**



60° INCLUDED ANGLE

**STYLE "CTR"**



CUT-OFF RIGHT HAND

ITEM NO.		SHANK SIZE	PRICE
PREFIX - GRADE	TOOL NO.		
CTTB (GRADE)	E 04	1/4 x 1/4 x 2	7.06
CTTB (GRADE)	E 05	5/16 x 5/16 x 2-1/4	7.32
CTTB (GRADE)	E 06	3/8 x 3/8 x 2-1/2	7.42
CTTB (GRADE)	E 08	1/2 x 1/2 x 3-1/2	8.00
CTTB (GRADE)	E 10	5/8 x 5/8 x 4	10.58
CTTB (GRADE)	E 12	3/4 x 3/4 x 4-1/2	14.12

ITEM NO.		TIP	SHANK SIZE	PRICE
PREFIX - GRADE	TOOL NO.	WIDTH		
CTTB - (GRADE)	CTR 11	1/8	1/2 x 1 x 5	15.64
CTTB - (GRADE)	CTR 22	3/16	1/2 x 1 x 5	16.56
CTTB - (GRADE)	CTR 33	1/4	1/2 x 1 x 5	21.30

**PACKAGING**

No. 4 to 6 - 10 Pcs. No. 8 to 12 - 5 Pcs.