



EDWARD ANDREWS INTERNATIONAL

"Tooling and Workholding Specialist in the Metal Cutting Industry"

STERLING HEIGHTS, MICHIGAN

BORING BAR SLEEVES

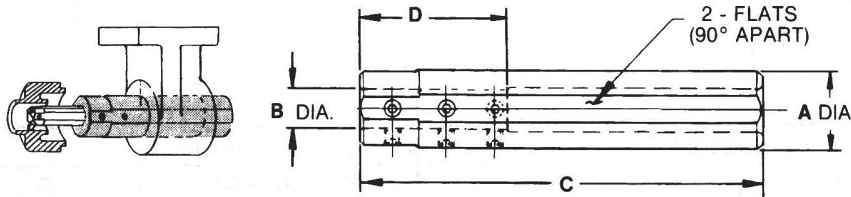
ULTRA DUTY™ SERIES

EDWARD ANDREWS Boring Bar Sleeves are used universally to adapt various boring bars to the standard bore of the tool holders on the turret of all CNC TURNING MACHINES.

These precision sleeves also give proper support to boring bars when they extend their full length from the turret or tool holder. Notice in the illustration how the 1" bar is supported for most of its length when the hole to be bored requires overhang of the bar. These sleeves greatly enhance the user set-up solutions in good CNC machining practices.



**MADE IN THE U.S.A.
OF THRU HARDENED
ALLOY AND
PRECISION GROUND.**



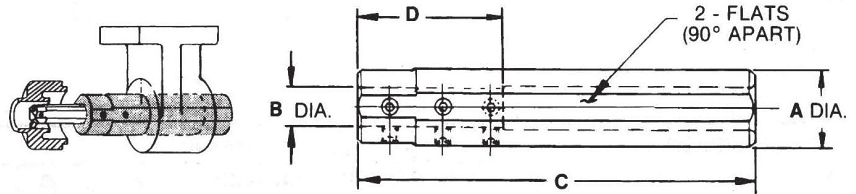
INCH OD					METRIC OD		
EA PART NUMBER	A	B	C	D	EA PART NUMBER	A	B
EA48-60-025	3/4	1/4	5	1-1/2	EA48-90-06MM	20MM	6MM
EA48-60-031	3/4	5/16	5	1-1/2	EA48-90-08MM	20MM	8MM
EA48-60-037	3/4	3/8	5	2	EA48-90-10MM	20MM	10MM
EA48-61-025	1	1/4	6	1-1/2	EA48-91-06MM	25MM	6MM
EA48-61-031	1	5/16	6	1-1/2	EA48-91-08MM	25MM	8MM
EA48-61-037	1	3/8	6	2	EA48-91-10MM	25MM	10MM
EA48-61-050	1	1/2	6	2-1/2	EA48-91-12MM	25MM	12MM
EA48-62-037	1-1/4	3/8	7	2	EA48-92-10MM	32MM	10MM
EA48-62-050	1-1/4	1/2	7	2-1/2	EA48-92-12MM	32MM	12MM
EA48-62-062	1-1/4	5/8	7	3	EA48-92-16MM	32MM	16MM
EA48-62-075	1-1/4	3/4	7	3-1/2	EA48-92-20MM	32MM	20MM
EA48-63-037	1-1/2	3/8	8	2	EA48-93-10MM	40MM	10MM
EA48-63-050	1-1/2	1/2	8	2-1/2	EA48-93-12MM	40MM	12MM
EA48-63-062	1-1/2	5/8	8	3	EA48-93-16MM	40MM	16MM
EA48-63-075	1-1/2	3/4	8	3-1/2	EA48-93-20MM	40MM	20MM
EA48-63-087	1-1/2	7/8	8	3-1/2	----	----	----
EA48-63-100	1-1/2	1	8	3-1/2	----	----	----
EA48-63-20MM	1-1/2	20MM	8	3-1/2	----	----	----
EA48-63-25MM	1-1/2	25MM	8	3-1/2	----	----	----
EA48-64-050	1-3/4	1/2	9	2-1/2	EA48-94-12MM	45MM	12MM
EA48-64-062	1-3/4	5/8	9	3	EA48-94-16MM	45MM	16MM
EA48-64-075	1-3/4	3/4	9	3-1/2	EA48-94-20MM	45MM	20MM
EA48-64-100	1-3/4	1	9	4	EA48-94-25MM	45MM	25MM

BORING BAR SLEEVES

ULTRA DUTY™ SERIES

Continued from the previous page

**MADE IN THE U.S.A. OF THRU HARDENED ALLOY
 AND PRECISION GROUND.**



INCH OD					METRIC OD		
EA PART NUMBER	A	B	C	D	EA PART NUMBER	A	B
EA48-65-050	2	1/2	10	2-1/2	EA48-95-12MM	50MM	12MM
EA48-65-062	2	5/8	10	3	EA48-95-16MM	50MM	16MM
EA48-65-075	2	3/4	10	3-1/2	EA48-95-20MM	50MM	20MM
EA48-65-100	2	1	10	4	EA48-95-25MM	50MM	25MM
EA48-65-125	2	1-1/4	10	4	EA48-95-32MM	50MM	32MM
EA48-65-20MM	2	20MM	10	3-1/2	----	----	----
EA48-65-25MM	2	25MM	10	3-1/2	----	----	----
EA48-65-32MM	2	32MM	10	4	----	----	----
EA48-66-062	2-1/2	5/8	12	3	EA48-96-16MM	60MM	16MM
EA48-66-075	2-1/2	3/4	12	3-1/2	EA48-96-20MM	60MM	20MM
EA48-66-100	2-1/2	1	12	4	EA48-96-25MM	60MM	25MM
EA48-66-125	2-1/2	1-1/4	12	4	EA48-96-32MM	60MM	32MM
EA48-66-150	2-1/2	1-1/2	12	4	EA48-96-40MM	60MM	40MM
EA48-67-100	3	1	14	4	EA48-97-25MM	80MM	25MM
EA48-67-125	3	1-1/4	14	4	EA48-97-32MM	80MM	32MM
EA48-67-150	3	1-1/2	14	4-1/2	EA48-97-40MM	80MM	40MM
EA48-67-175	3	1-3/4	14	4-1/2	EA48-97-45MM	80MM	45MM
EA48-67-200	3	2	14	5	EA48-97-50MM	80MM	50MM
EA48-68-100	3-1/2	1	14	4	----	----	----
EA48-68-125	3-1/2	1-1/4	14	4	----	----	----
EA48-68-150	3-1/2	1-1/2	14	4-1/2	----	----	----
EA48-68-200	3-1/2	2	14	5	----	----	----
EA48-69-100	4	1	14	4	----	----	----
EA48-69-150	4	1-1/2	14	4-1/2	----	----	----
EA48-69-200	4	2	14	5	----	----	----
EA48-69-250	4	2-1/2	14	6	----	----	----

METRIC/INCH Combinations Also Available Upon Request.
 Special Sizes Available.

**CALL TO CHECK AVAILABILITY ON SPECIAL SIZES.
 MANY TIMES SPECIAL SIZES ARE IN STOCK.**