

189 COLLET TYPE TOOL HOLDER

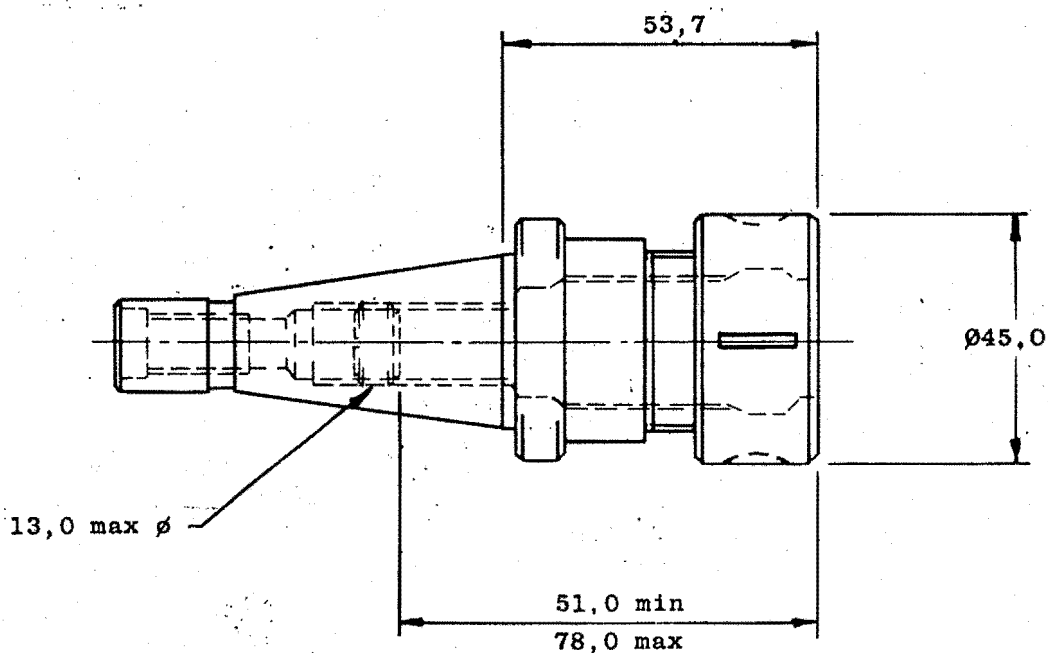
189 SPANNZANGENFUTTER

PORTE-OUTIL A PINCE 189

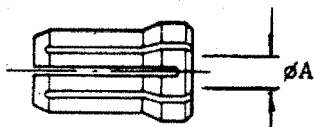
PORTAUTENSILE TIPO 189

PORTAHERRAMIENTAS DE PINZA 189

Tool Nr. 10-207-189-1



180 Series Collets
Spannzangen Serie 180
Pinces Série 180
Pinze Serie 180
Pinzas Serie 180



Collet Collapse 0,8
Spannbereich pro Spannzange 0,8
Capacité par pince 0,8
Riduzione massima della pinza 0,8
Reduccion max. de la pinza 0,8

Increments
Abstufung
Incréments
Progressione
Incrementos

ϕA	
3-20	0,5

Information and specifications are correct at the date of going to press. We reserve the right to modify these at any time without notice.

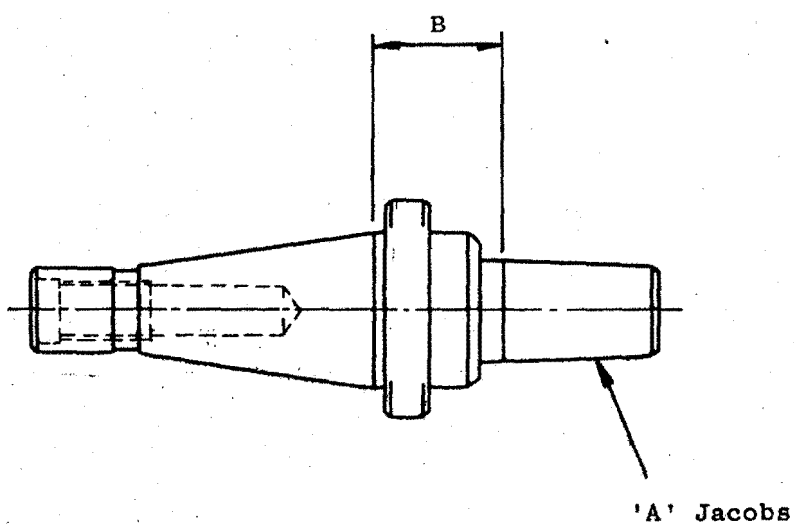
EXTERNAL TAPER ADAPTOR

BOHRFUTTERAUFNAHME

ADAPTEURS CONIQUES POUR MANDRINS

MANDRINO ADATTATORE CON CONICITA' ESTERNA

ADAPTADORES CON CONO EXTERIOR



Tool Nr.	A	B
60-207-433-1	33	20,7
60-207-403-1	3	25,0

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SHELL MILL ADAPTOR

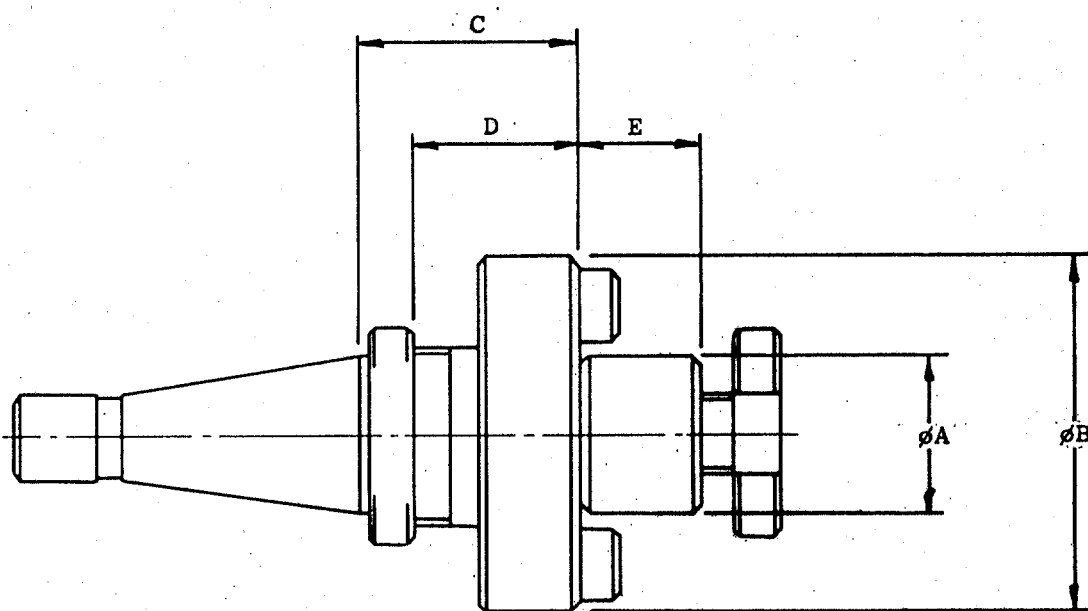
AUFSTECKFRÄSERDORN

PORTE-FRAISE

MANDRINO PORTAFRESE CON TRASCINAMENTO

FRONTALE

ADAPTADORES PARA FRESA FRONTAL SIN MANGO



Tool Nr.	A	B	C	D	E
60-207-201-1	1/2"	40,0	31,7	21,0	14,2
60-207-202-1	3/4"	46,1	33,2	—	17,5
60-207-203-1	1"	59,0	33,2	—	17,5
60-207-204-1	1 1/4"	73,2	36,3	—	17,5
60-207-205-1	1 1/2"	86,0	42,3	—	23,9
60-207-210-1	16	44,0	40,0	—	17,0
60-207-211-1	22	54,0	40,0	—	19,0
60-207-212-1	27	63,0	40,0	—	21,0
60-207-213-1	32	72,0	43,0	—	24,0

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BRISTOL ERICKSON LTD., Tower Road North, Warmley, Bristol, England BS15 2XF. Tel: (0272) 677571/601181. Telex: 44715



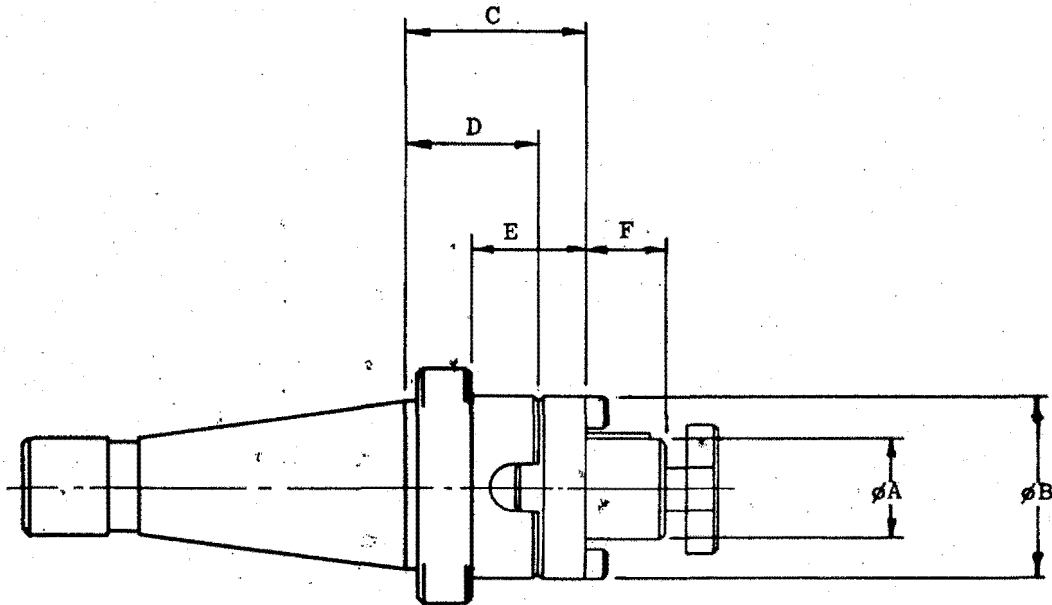
COMBINATION SHELL MILL ADAPTOR

KOMBI-AUFSTECKFRÄSERDORN

PORTE FRAISE COMBINE

MANDRINO PORTAFRESE COMBINATO

ADAPTADOR COMBINADO FRESA SIN MANGO



Tool Nr.	A	B	C	D	E	F
60-207-250-1	16	32	30	20	19,3	17
60-207-251-1 ✓	22	40	45	33	34,3	19
60-207-252-1	27	48	50	38	39,3	21
60-207-253-1	32	58	55	41	44,3	24

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MORSE TAPER ADAPTORS

MORSEKONUS-AUFNAHME

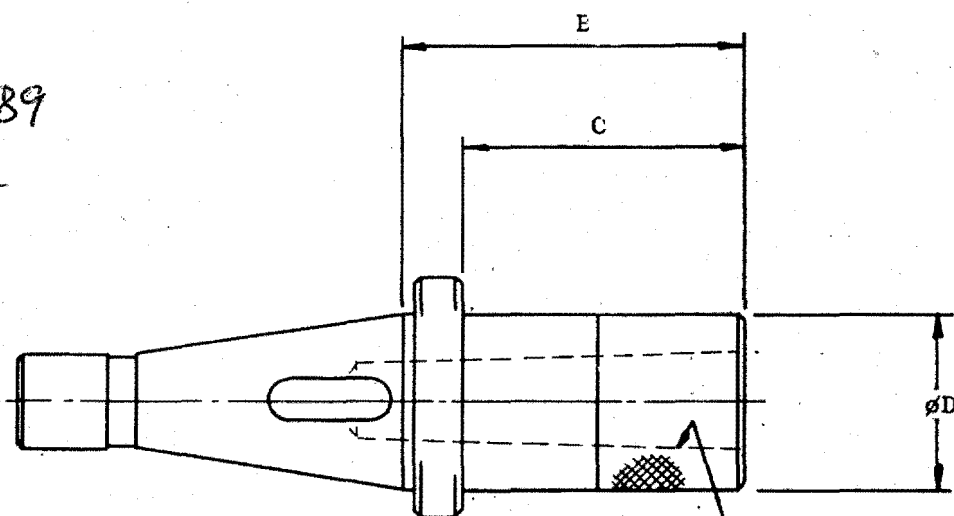
ADAPTATEURS CONE MORSE

MANDRINI DI RIDUZIONE DA CONO I.S.O.
A CONO MORSE.

ADAPTADORES CONO MORSE.



641 189
Auck



Gary Stevens

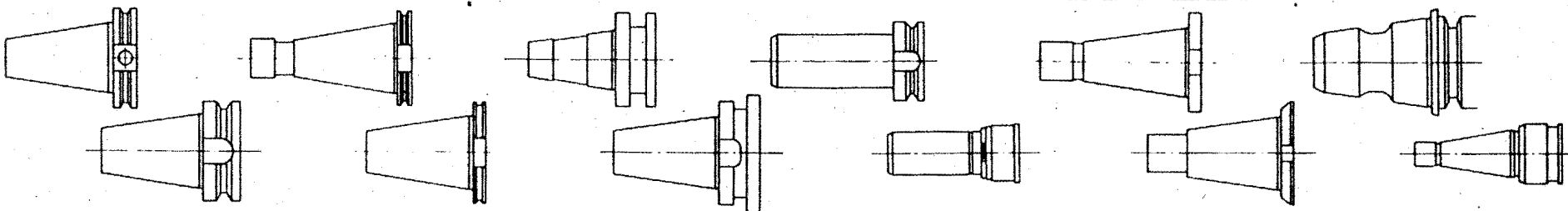
Tool Nr.	A	B	C	D
60-207-301-1 ✓	1	25,3	14,6	25,4
60-207-302-1 ✓	2	52,8	42,1	31,8
60-207-303-1 ✓	3	71,0	60,3	34,9
60-207-304-1 ✓	4	148,8	138,1	44,5

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Cutting Tool Programme



MORSE
TAPER
ADAPTOR

TG
COLLET
CHUCK

SOLID
ADAPTOR

POSI-LOCK
ADAPTOR

MORSE
TAPER
ADAPTOR

RECESS
TOOL HOLDER

COLLET

AXIAL
ADJUSTMENT
SCREW

STRAIGHT
SHANK
ADAPTOR

AUTOMOTIVE
ADAPTOR

AUTOMOTIVE
SHANK
ADAPTOR

SOLID
STRAIGHT
SHANK
ADJUSTABLE
DIAL SET
BORING BAR

AXIAL
ADJUSTMENT
SCREW

MORSE TAPER
SHANK
ADJUSTABLE
DIAL SET
BORING BAR

STRAIGHT
SHANK
ADJUSTABLE
DIAL SET
BORING BAR

TENTHSET OFFSET
BORING HEAD

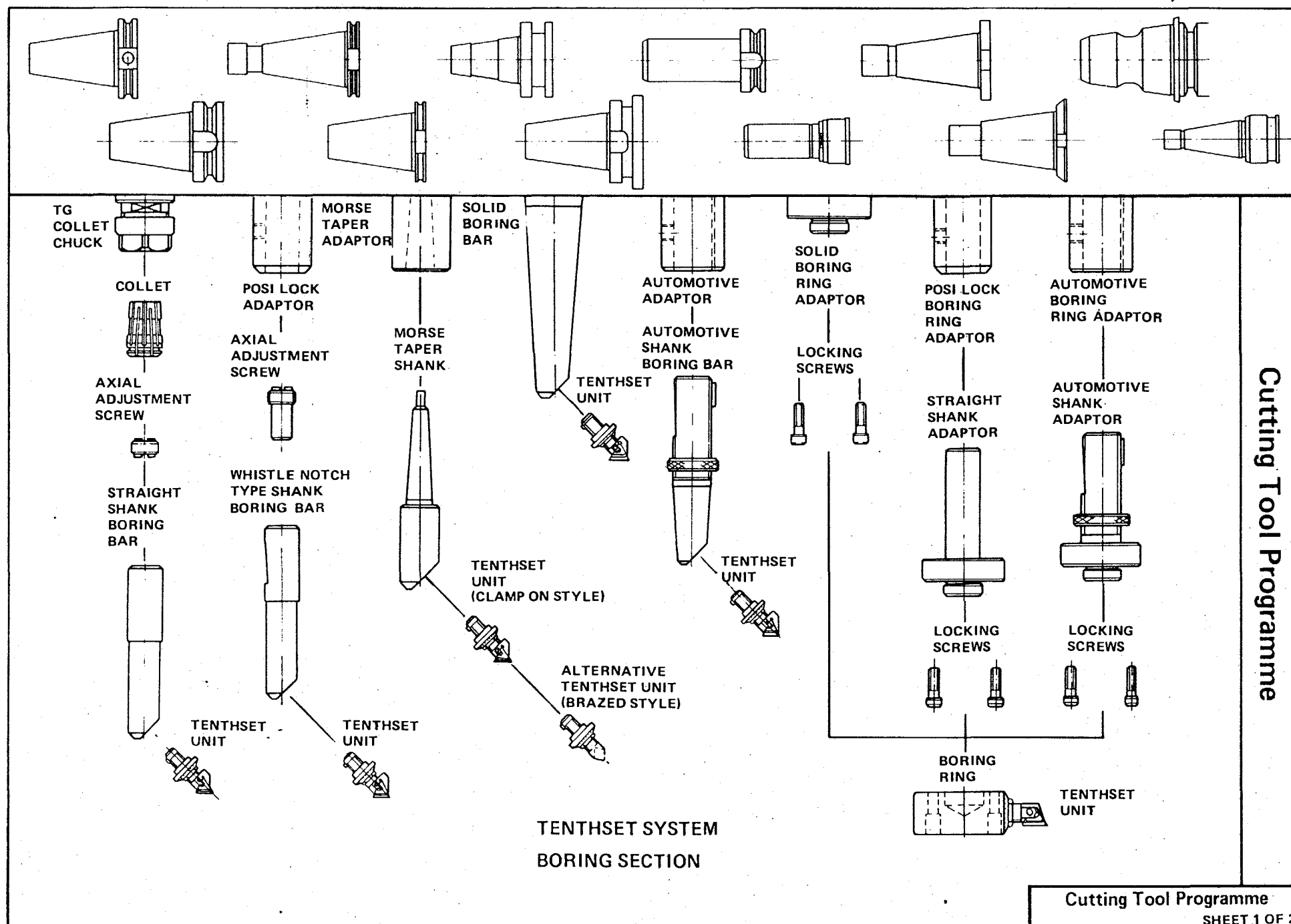
ADAPTOR

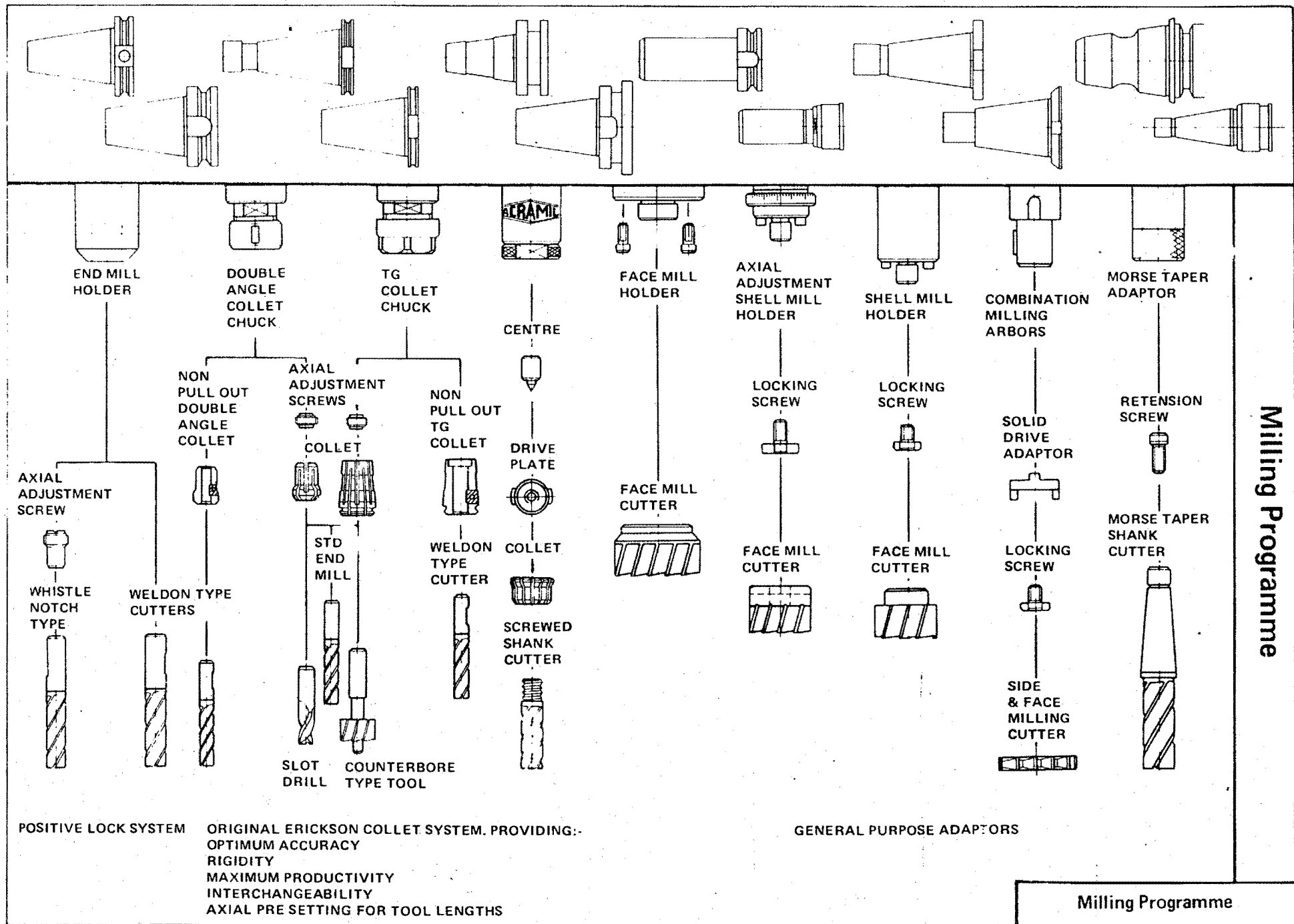
BORING BARS

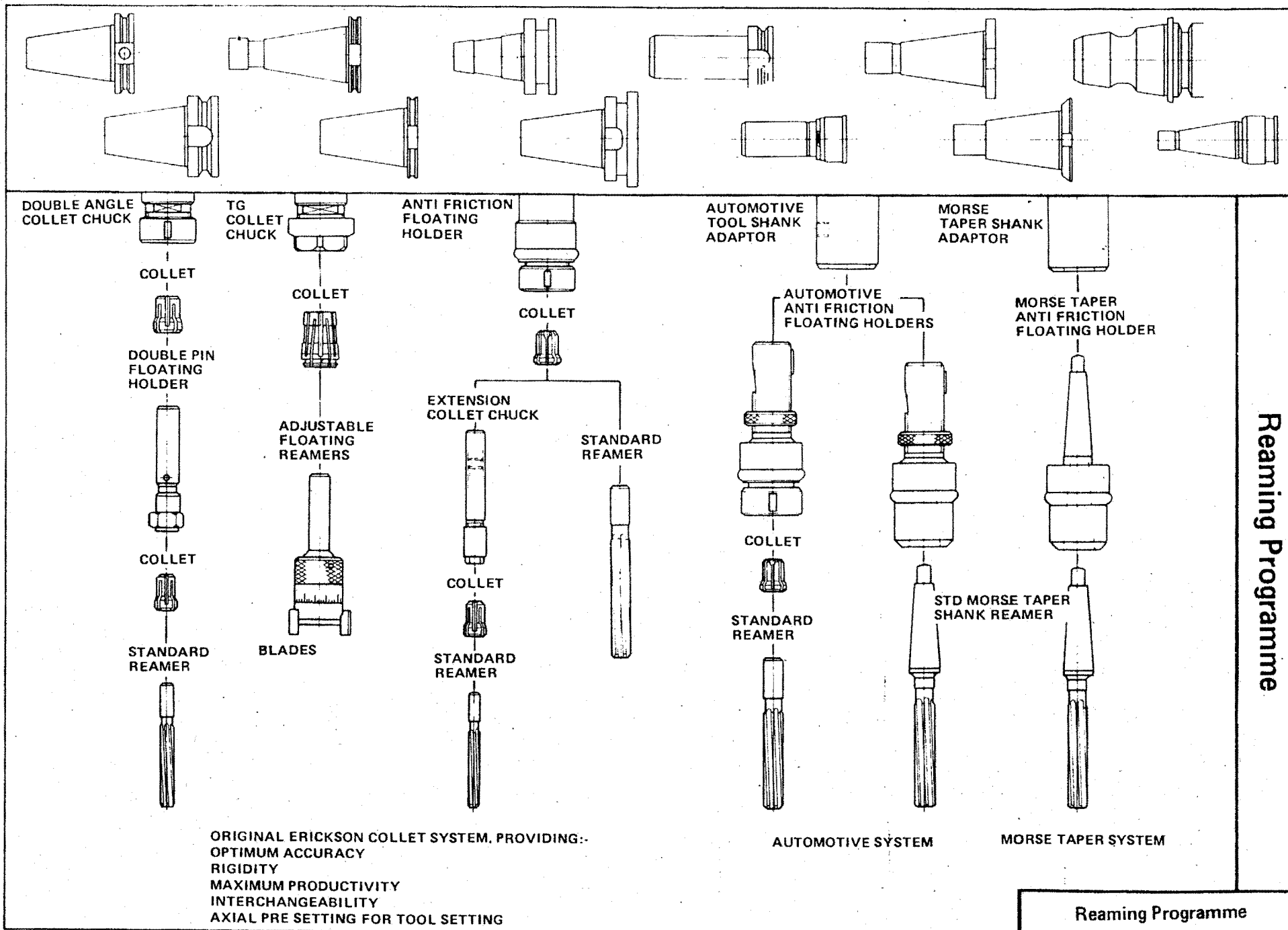
BORING
BITS

BORING SECTION

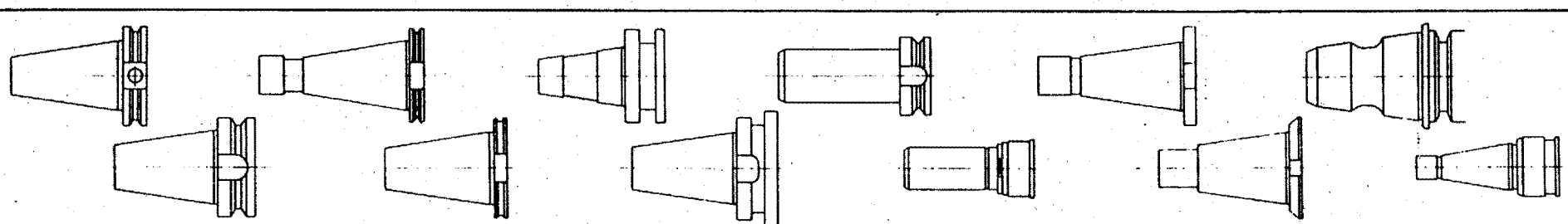
Cutting Tool Programme







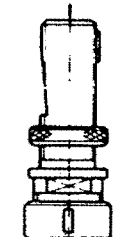
Drilling Programme



AUTOMOTIVE
TOOL SHANK
ADAPTOR

STANDARD
AUTOMOTIVE
TOOL SHANKS

DOUBLE ANGLE
COLLET CHUCK



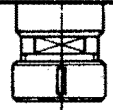
COLLET



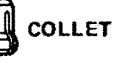
STANDARD
TWIST
DRILLS

AUTOMOTIVE SYSTEM

DOUBLE
ANGLE
COLLET
CHUCK



TG COLLET
CHUCK



COLLET

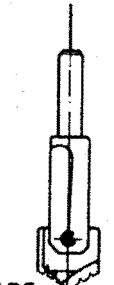
EXTENSION
COLLET CHUCK



COLLET



SPADE
BLADE
HOLDER



SPADE
BLADES

FITTED
WEARSTUDS

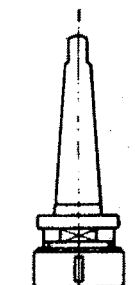
ORIGINAL ERICKSON COLLET SYSTEM. PROVIDING
OPTIMUM ACCURACY
RIGIDITY
MAXIMUM PRODUCTIVITY
INTERCHANGEABILITY
AXIAL PRE-SETTING FOR TOOL LENGTHS

MORSE
TAPER SHANK
ADAPTOR

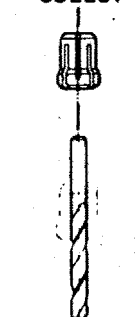


STANDARD
MORSE TAPER
TOOL SHANKS

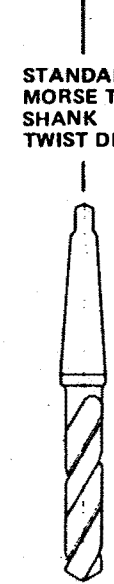
DOUBLE
ANGLE
COLLET
CHUCK



COLLET

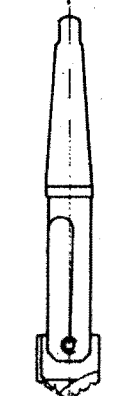


STANDARD
MORSE TAPER
SHANK
TWIST DRILL

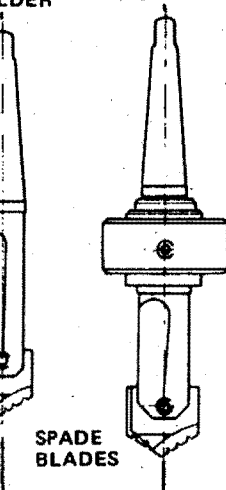


MORSE TAPER SYSTEM

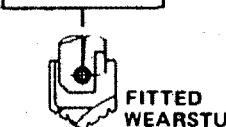
SPADE
BLADE
HOLDER



ROTARY
COOLANT
SPADE
BLADE
HOLDER



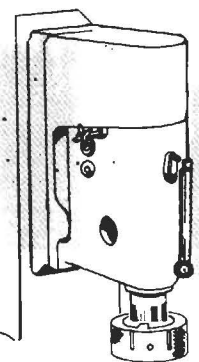
SPADE
BLADES



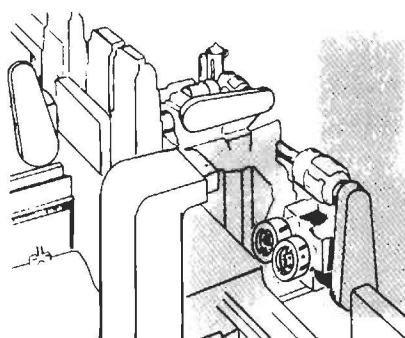
FITTED
WEARSTUDS

Drilling Programme

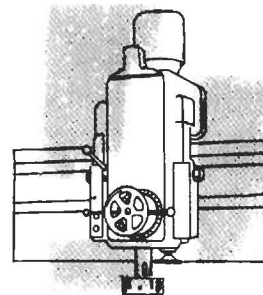
TYPICAL APPLICATIONS of Erickson Quick Change Tool Holders and Adapters



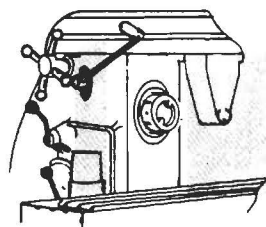
JIG BORERS



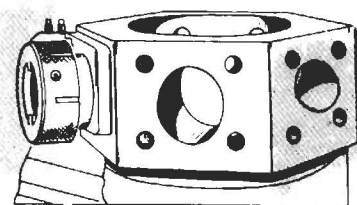
AUTOMATED TRANSFER MACHINE



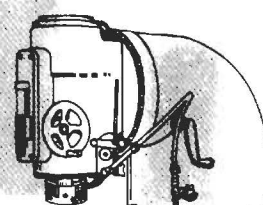
RADIAL DRILLS



PLAIN TYPE MILLS



LATHE TURRETS



UNIVERSAL TYPE MILLS

ERICKSON QUICK CHANGE
HOLDERS AVAILABLE FOR
SMALL MILLING MACHINES

Bridgeport R8, No. 9 B & S, and No. 30 MMS holders can be furnished with adapters to suit. Adapters in various styles already described will be made in appropriate sizes for this smaller series. Prices on application.

HOW TO ORDER

- On all holders with Keeper Key slots—we must have complete dimensions showing location of Keeper Key slot.
- On holders with drawbar threads—please give drawbar thread desired.
- Advise type of machine, taper if applicable, dimensions of shank, Keeper Key data, drawbar thread, and other pertinent data.

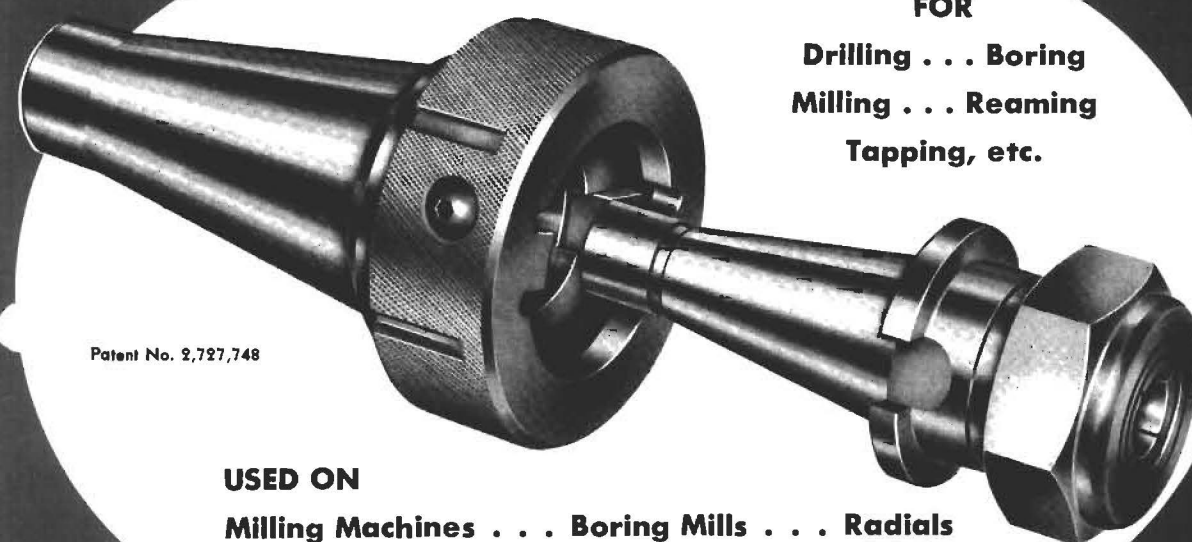
COLLET CHUCKS • FLOATING HOLDERS • TAP CHUCKS • TAP HOLDERS • AIR-OPERATED CHUCKS
EXPANDING MANDRELS • SPECIAL HOLDING FIXTURES

ERICKSON TOOL COMPANY

34350 SOLON ROAD • SOLON, OHIO (Greater Cleveland)
248-1000 Area 216

COLLET CHUCKS • EXPANDING MANDRELS • AIR-OPERATED CHUCKS • FLOATING HOLDERS • TAP CHUCKS
• AUTOMATIC INDEXING • MASTER SPACERS • DIAPHRAGM CHUCKS • PUSH-ON ARBORS • QUICK-CHANGE HOLDERS
• EXPANDING COLLETS • END-CLAMPING CHUCKS • AIR CYLINDERS (allowing stock to pass through)
• EXPANDING JAW MANDRELS • SPECIAL HOLDING FIXTURES (including gear-holding)

ERICKSON HOLDERS



Patent No. 2,727,748

FOR
Drilling . . . Boring
Milling . . . Reaming
Tapping, etc.

USED ON
Milling Machines . . . Boring Mills . . . Radials
Turret Lathes, etc.

REVISED

All this . . . *Plus* ERICKSON QUALITY

ERRELL ASSOCIATES
WELLINGTON
12 MAY 1971