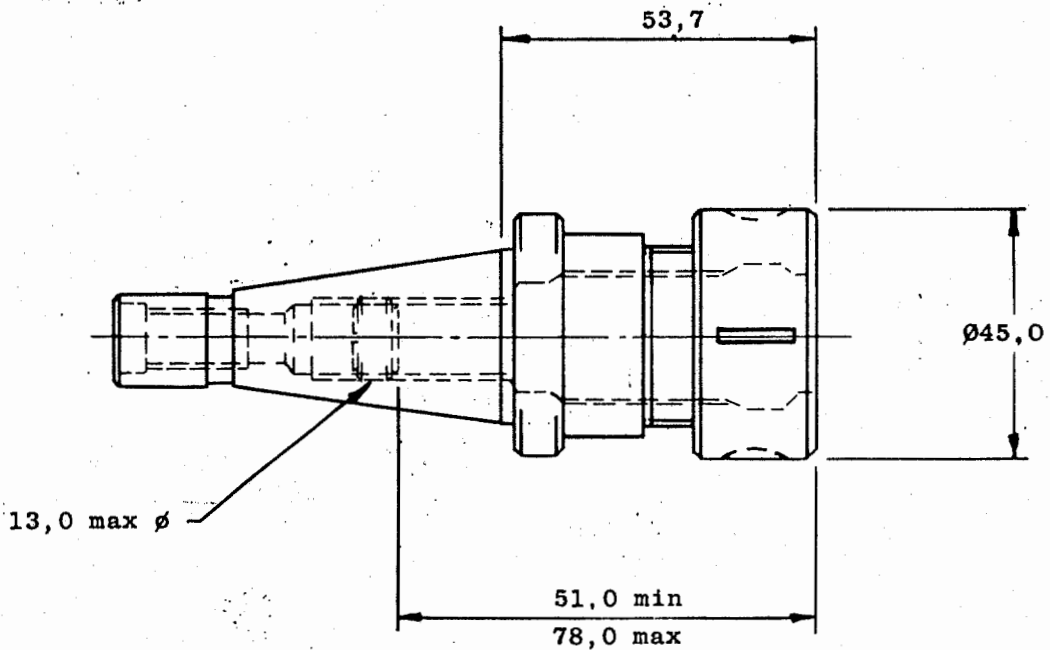
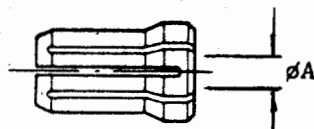


189 COLLET TYPE TOOL HOLDER
 189 SPANNZANGENFUTTER
 PORTE-OUTIL A PINCE 189
 PORTAUTENSILE TIPO 189
 PORTAHERRAMIENTAS DE PINZA 189

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
øA				
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.



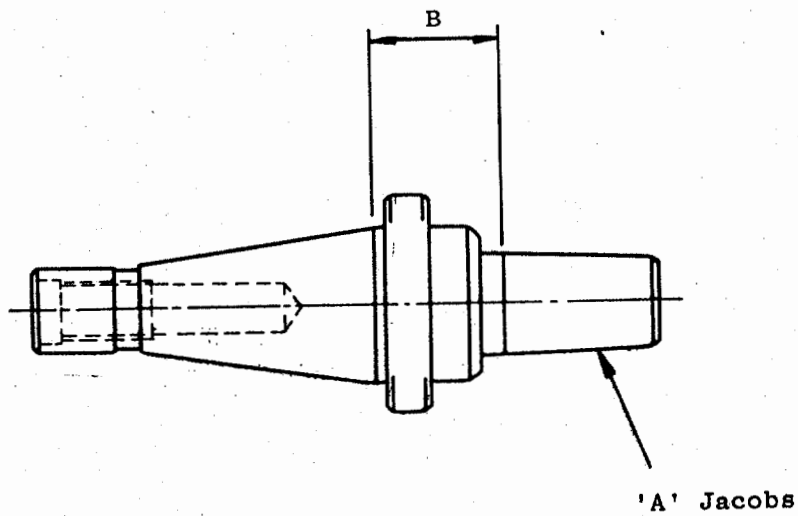
EXTERNAL TAPER ADAPTOR

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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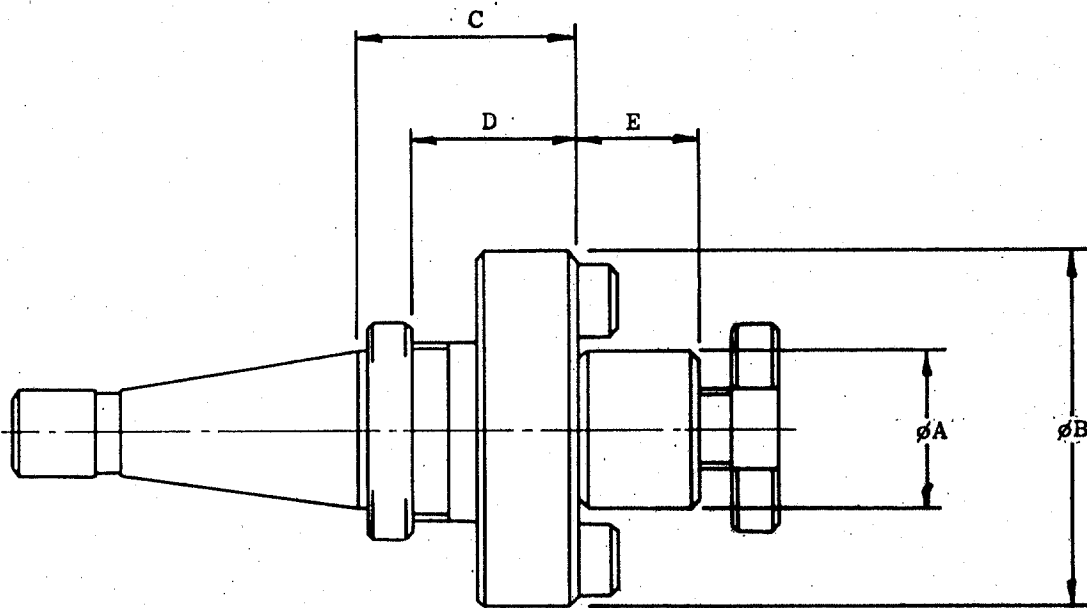
SHELL MILL ADAPTOR

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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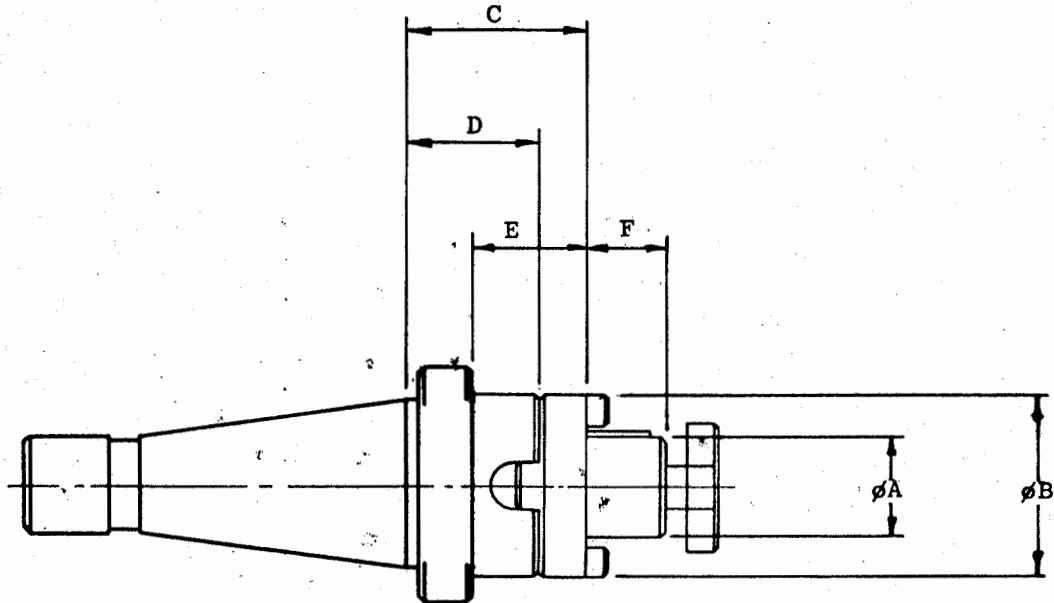
COMBINATION SHELL MILL ADAPTOR

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

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

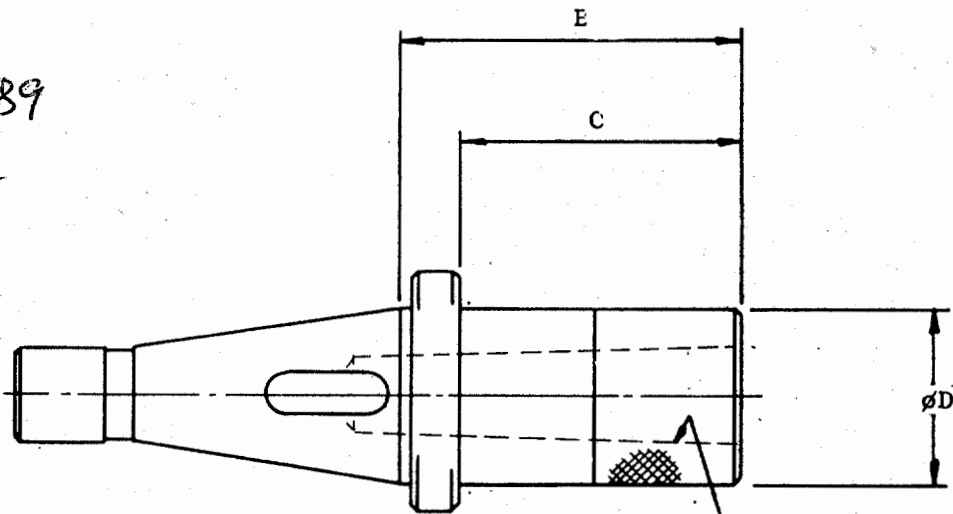


BRISTOL ERICKSON LTD., Tower Road North, Warmley, Bristol, England BS15 2XF. Tel: (0272) 677571/601181. Telex: 44715

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

'A' M.T.
 DIN 228D

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

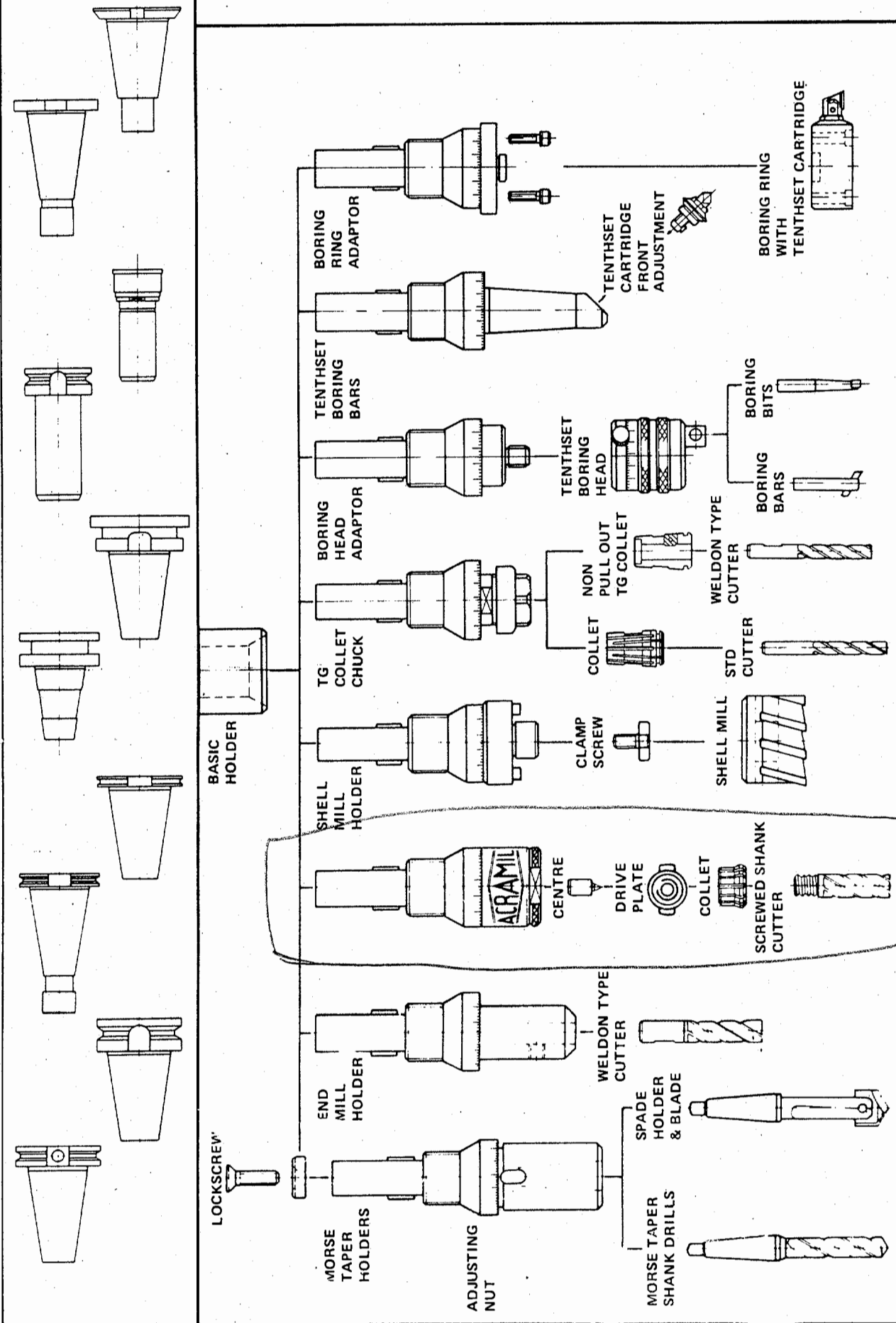
Information and specifications are correct at the date of going to press. We reserve the right to modify these at any time without notice.



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Axial Adjustment System

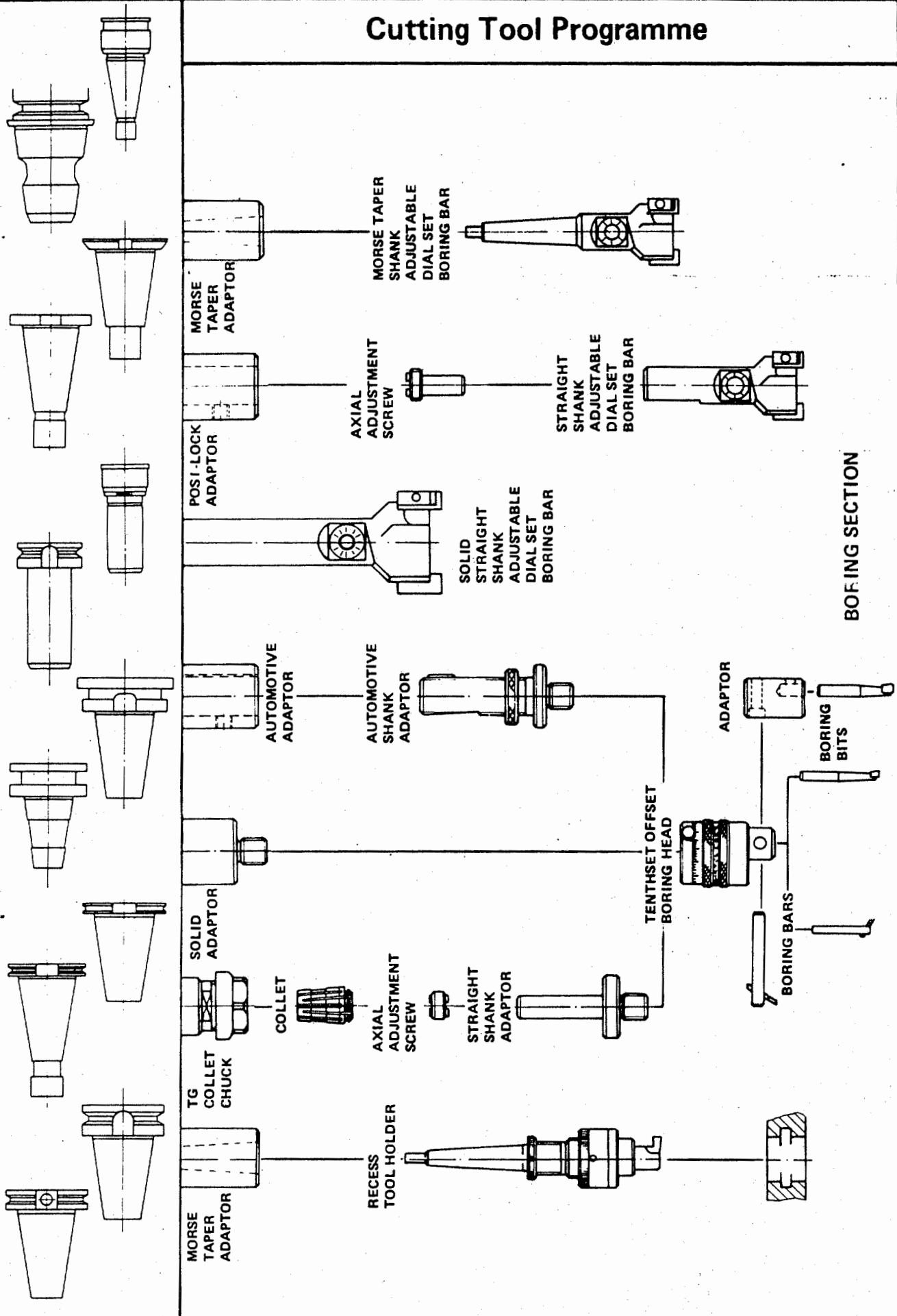
Axial Adjustment System



UTILIZATION OF THE FULL BRISTOL ERICKSON RANGE OF TOOLING IN ONE 'AXIAL ADJUSTMENT SYSTEM' PROVIDING: OPTIMUM CONCENTRICITY AND RIGIDITY

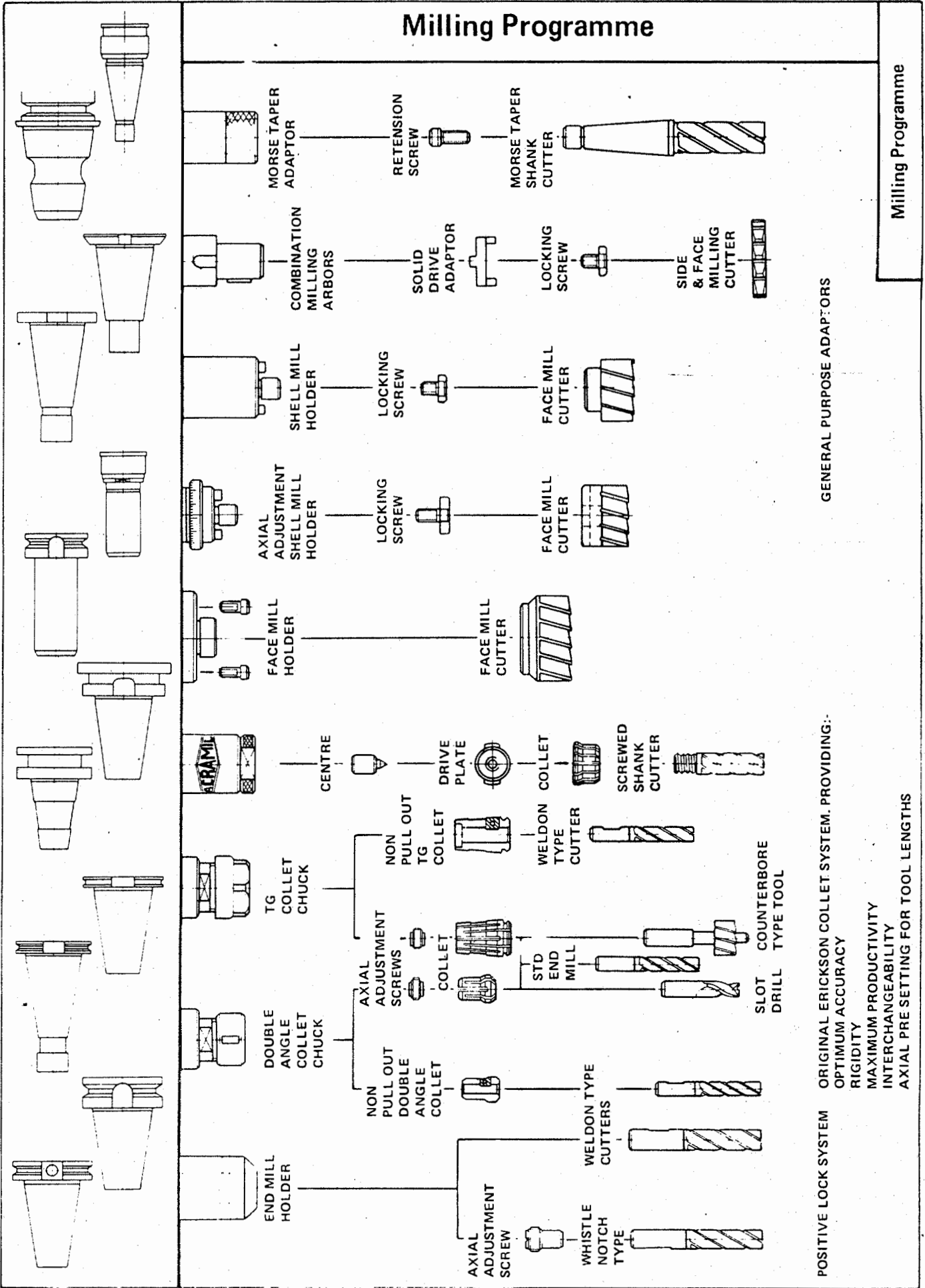
THE AXIAL ADJUSTMENT SYSTEM PROVIDES THE USER WITH A WIDE RANGE OF AXIAL ADJUSTMENT FOR INITIAL PRE SETTINGS AND ADJUSTMENT OF TOOLS AFTER REGRINDING

Cutting Tool Programme



BOFING SECTION

Milling Programme



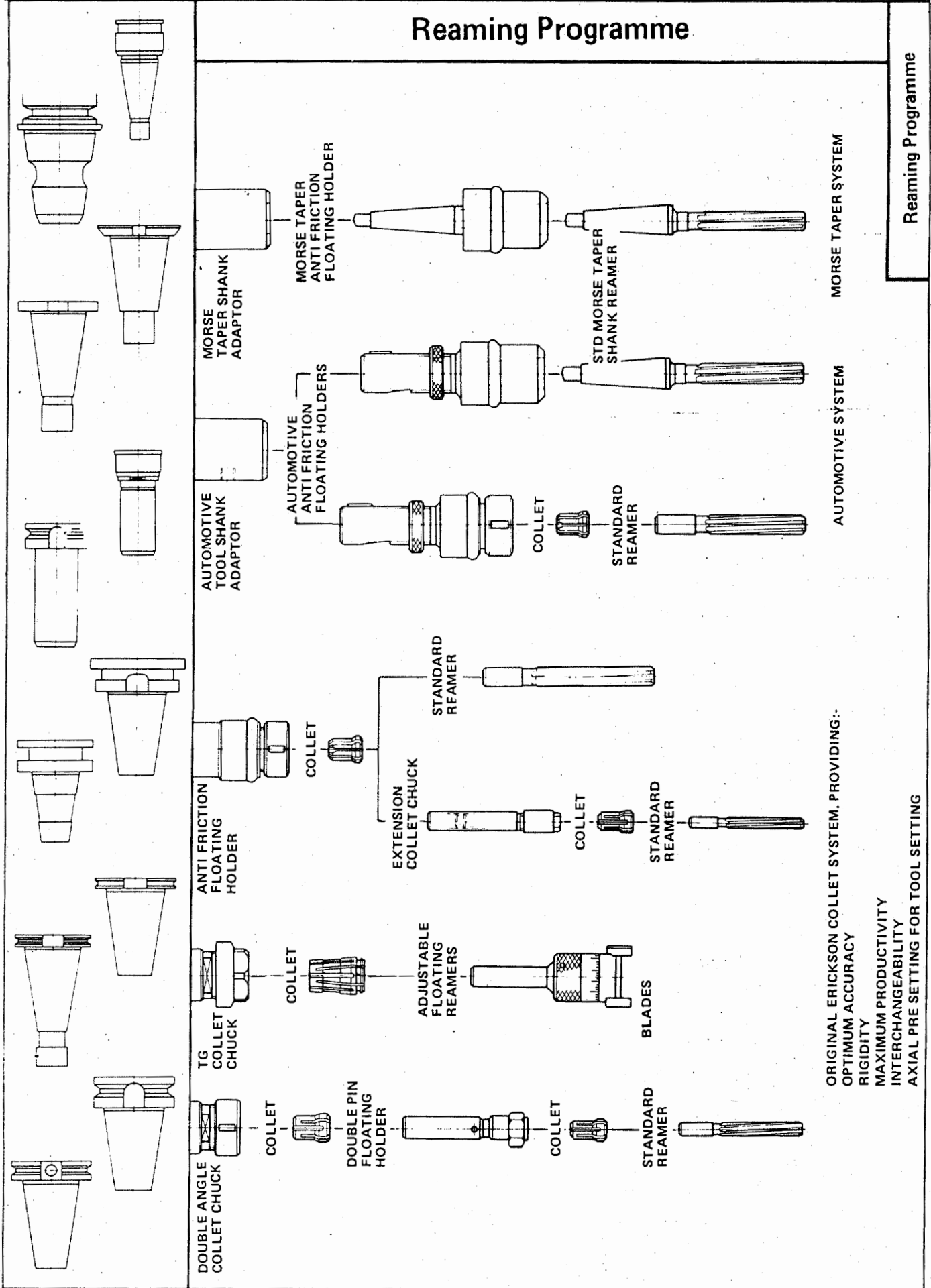
Milling Programme

GENERAL PURPOSE ADAPTORS

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

POSITIVE LOCK SYSTEM

Reaming Programme



DOUBLE ANGLE COLLET CHUCK

TG COLLET CHUCK

ANTI FRICTION FLOATING HOLDER

AUTOMOTIVE TOOL SHANK ADAPTOR

MORSE TAPER ADAPTOR

COLLET

DOUBLE PIN FLOATING HOLDER

COLLET

ADJUSTABLE FLOATING REAMERS

BLADES

EXTENSION COLLET CHUCK

COLLET

STANDARD REAMER

AUTOMOTIVE ANTI FRICTION FLOATING HOLDERS

COLLET

STANDARD REAMER

MORSE TAPER ANTI FRICTION FLOATING HOLDER

COLLET

STD MORSE TAPER SHANK REAMER

STD MORSE TAPER REAMER

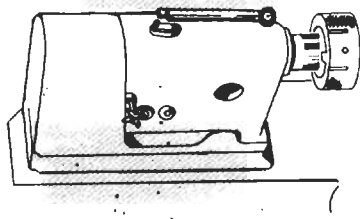
- ORIGINAL ERICKSON COLLET SYSTEM, PROVIDING:-
- OPTIMUM ACCURACY
- RIGIDITY
- MAXIMUM PRODUCTIVITY
- INTERCHANGEABILITY
- AXIAL PRE SETTING FOR TOOL SETTING

MORSE TAPER SYSTEM

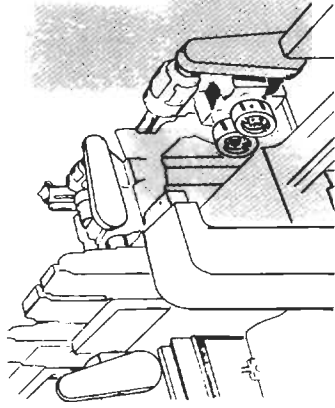
AUTOMOTIVE SYSTEM

Reaming Programme

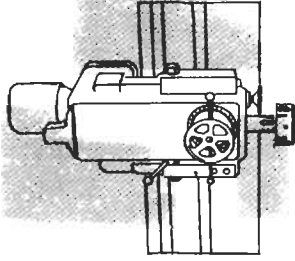
TYPICAL APPLICATIONS of Erickson Quick Change Tool Holders and Adapters



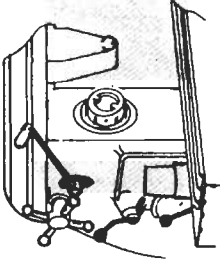
JIG BORERS



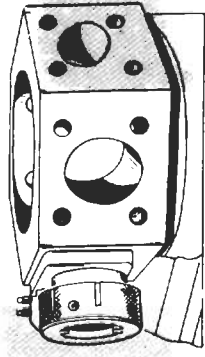
AUTOMATED TRANSFER MACHINE



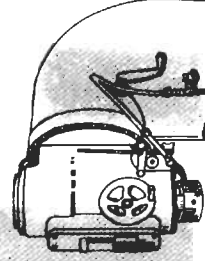
RADIAL DRILLS



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

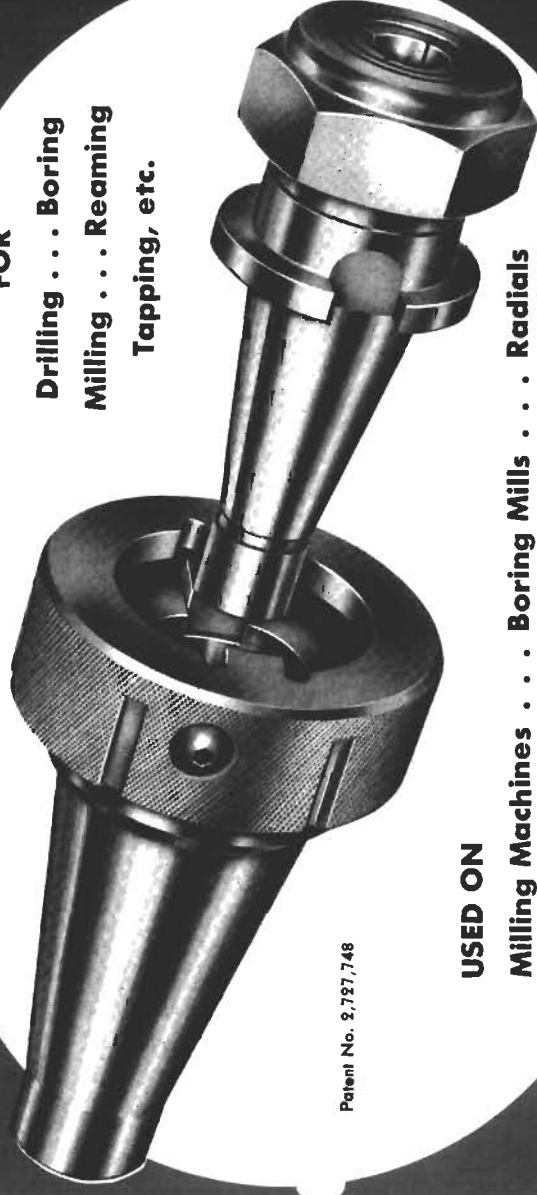
COLLET CHUCKS • EXPANDING MANDRELS • AIR-OPERATED CHUCKS • FLOATING HOLDERS • TAP CHUCKS
• AUTOMATIC INDEXING • MASTER SPACERS • DIAPHRAGM CHUCKS • PUSH-ON ARBORS • QUICK-CHANGE HOLDERS
• EXPANDING COLLETS • END-CLAMPING CHUCKS • AIR CYLINDERS (following stock to pass through)
• EXPANDING JAW MANDRELS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

ERELL ASSOCIATES
WELLINGTON
12 MAY 1971

ERICKSON HOLDERS

FOR

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



Patent No. 2,727,748

USED ON

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

REVISED

All this . . . Plus ERICKSON QUALITY