

189 COLLET TYPE TOOL HOLDER

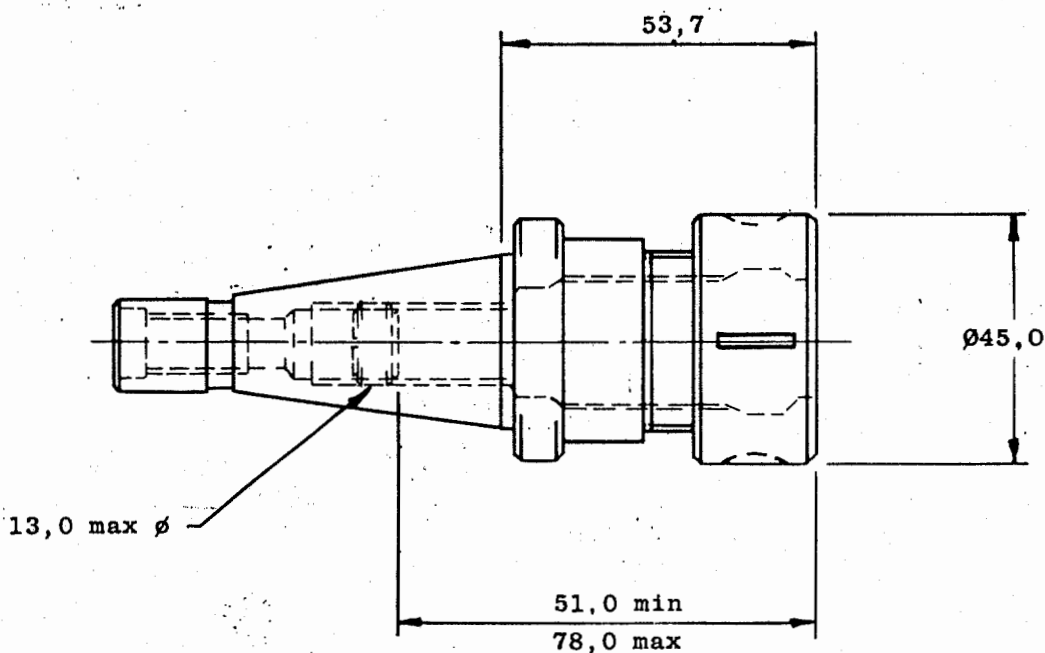
189 SPANNZANGENFUTTER

PORTE-OUTIL A PINCE 189

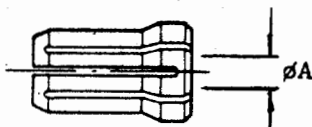
PORTAUTENSILE TIPO 189

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.

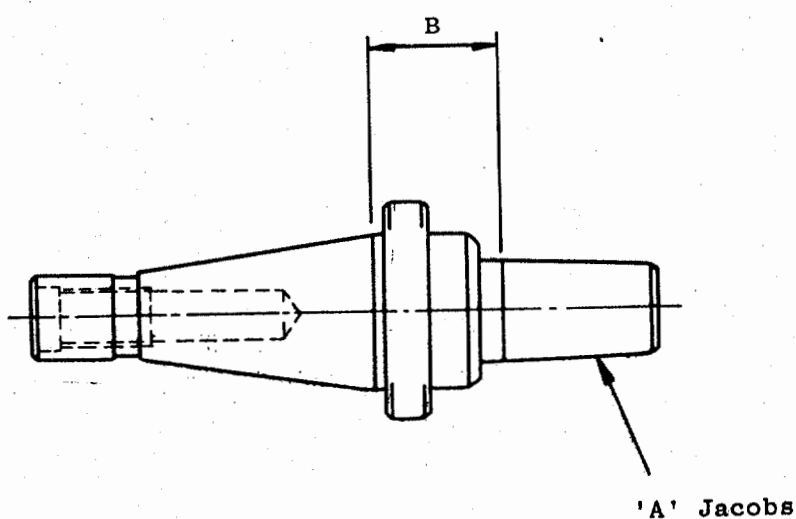
EXTERNAL TAPER ADAPTOR

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

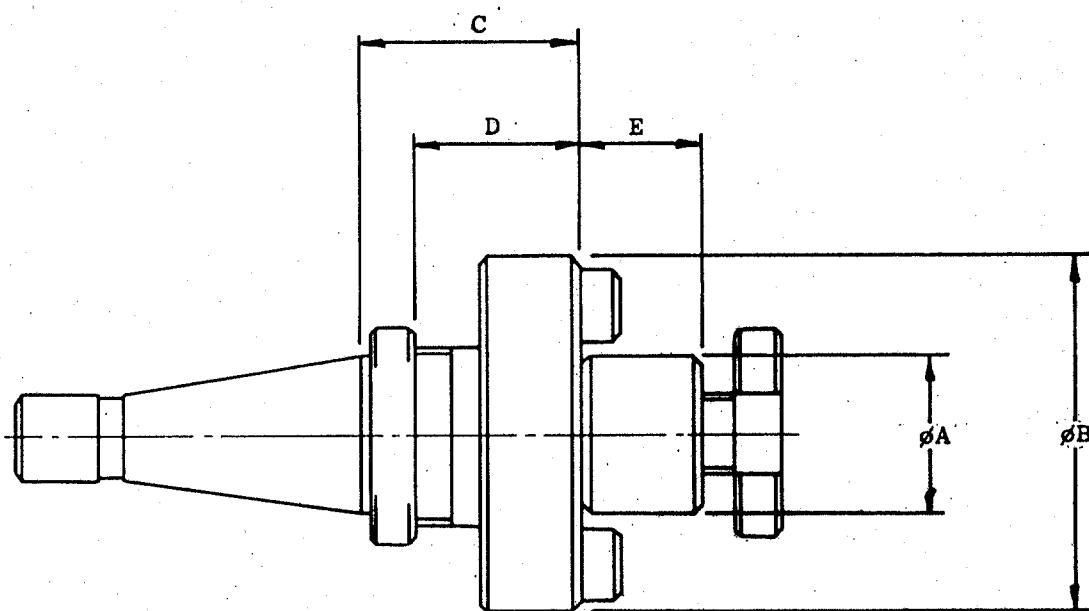
AUFSTECKFRÄSERDORN

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

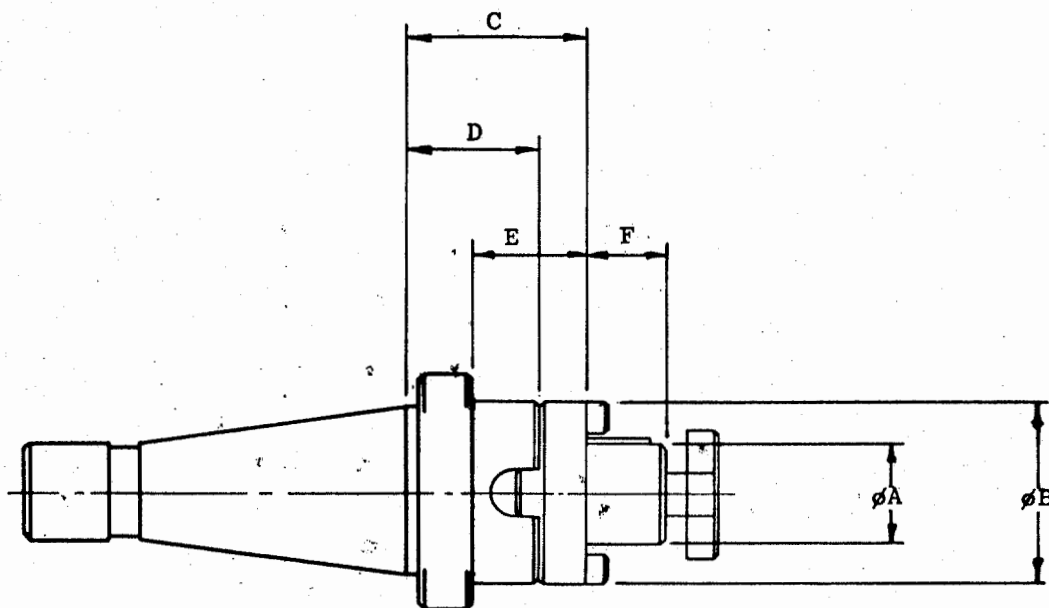
COMBINATION SHELL MILL ADAPTOR

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

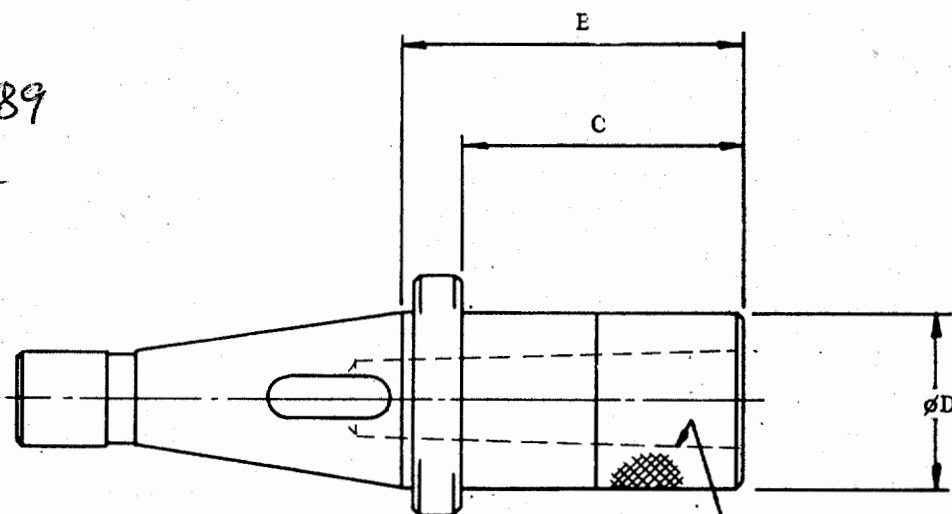
ADAPTATEURS CONE MORSE

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

ADAPTADORES CONO MORSE.



641 189
Auck



'A' M.T.
DIN 228D

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

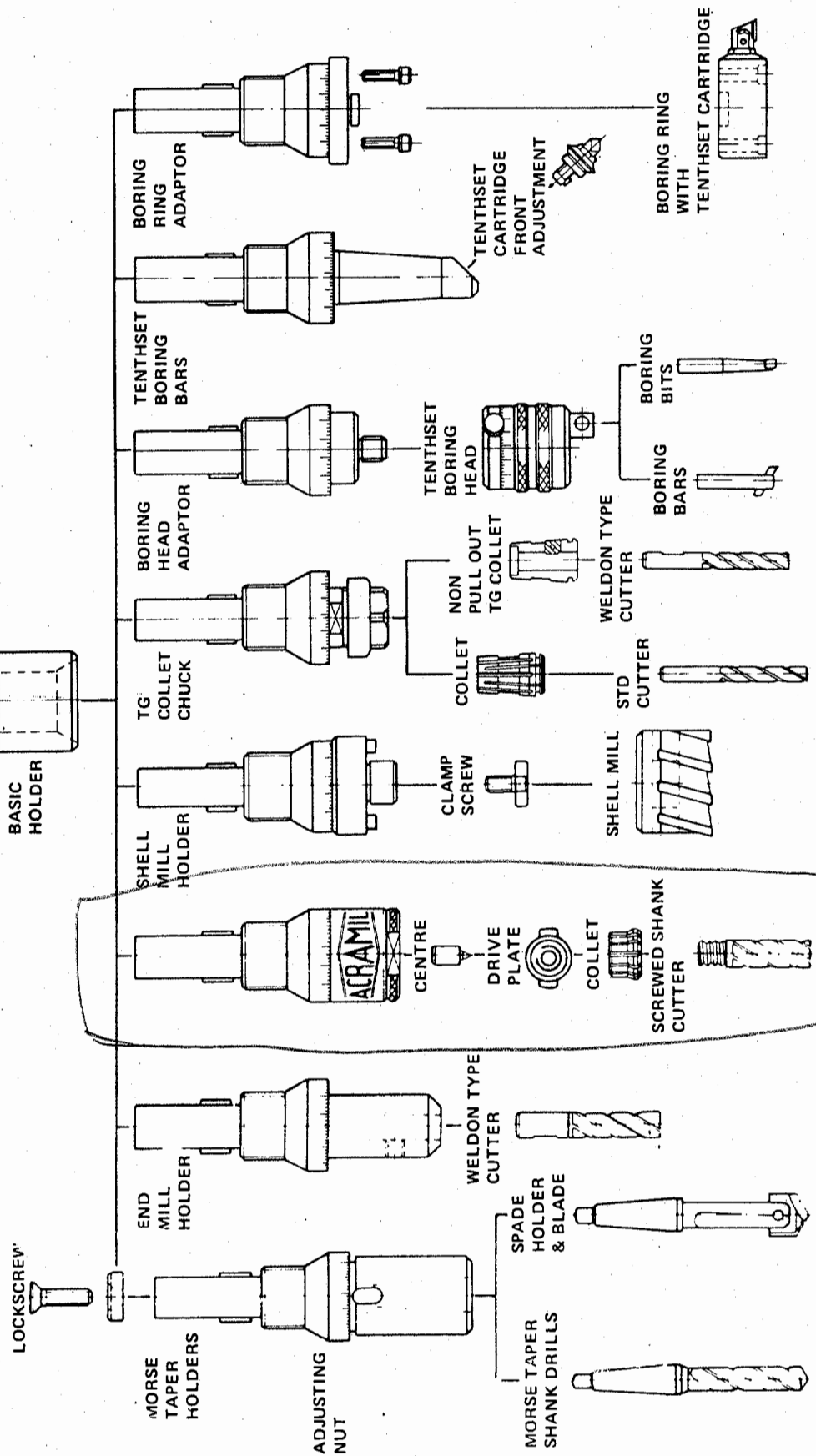
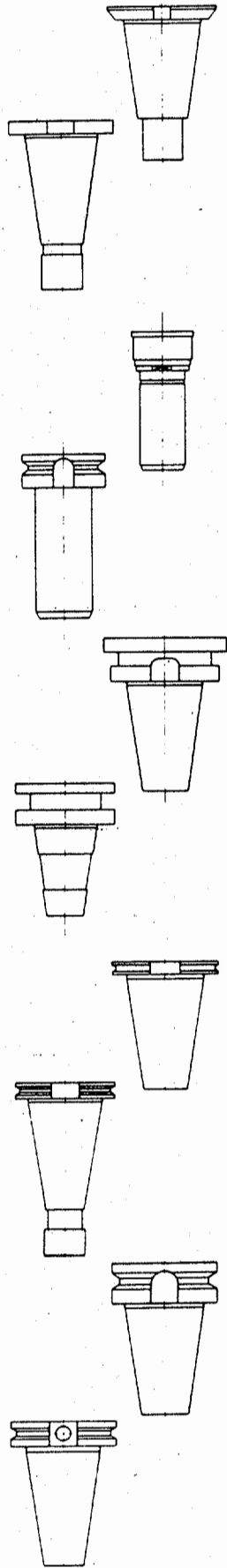
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Axial Adjustment System

Axial Adjustment System



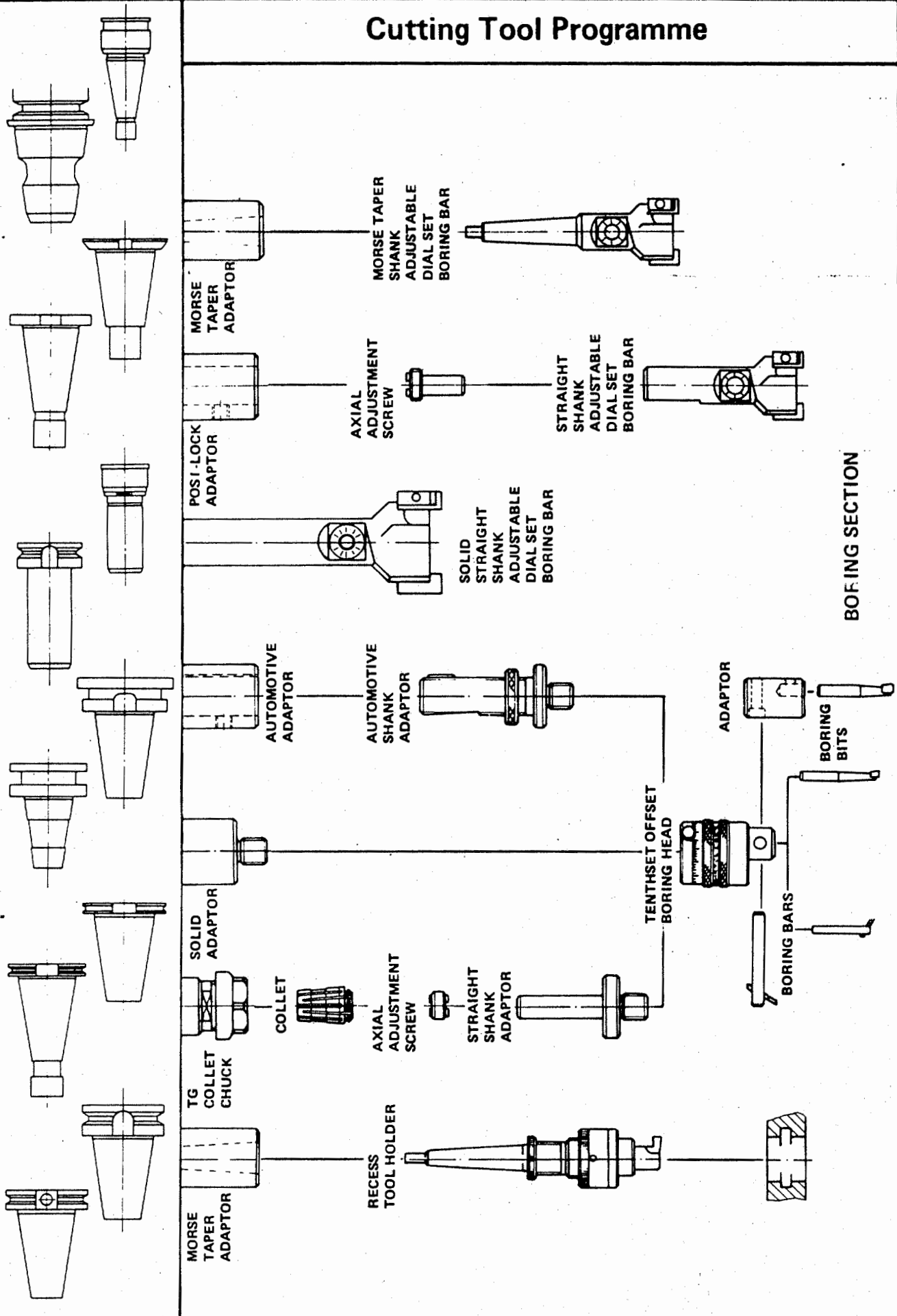
UTILIZATION OF THE FULL BRISTOL ERICKSON RANGE OF TOOLING IN ONE 'AXIAL ADJUSTMENT SYSTEM' PROVIDING: OPTIMUM CONCENTRICITY AND RIGIDITY

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

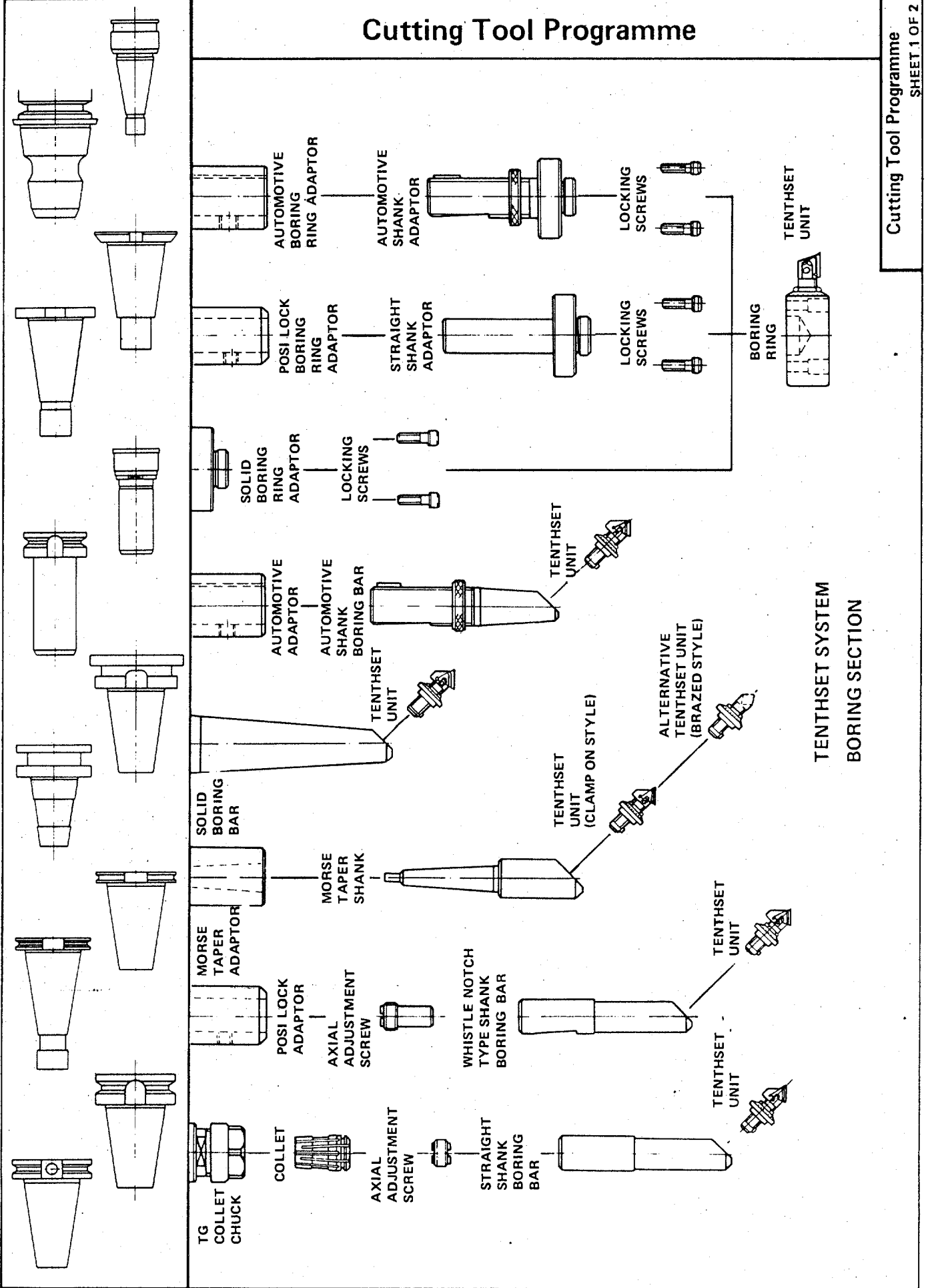
Cutting Tool Programme

Cutting Tool Programme
SHEET 2 OF 2

BOFING SECTION

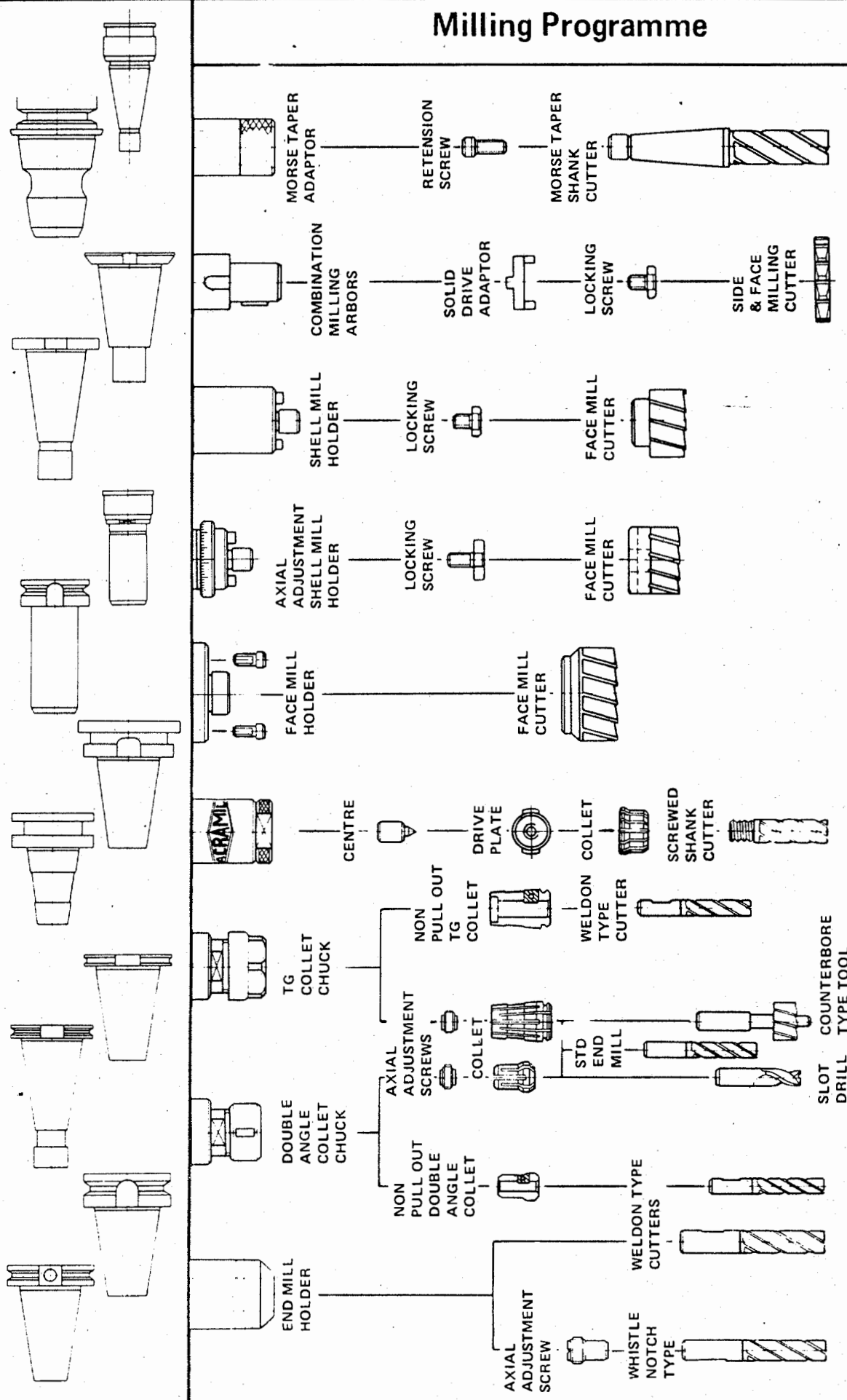


Cutting Tool Programme



Milling Programme

Milling Programme



GENERAL PURPOSE ADAPTORS

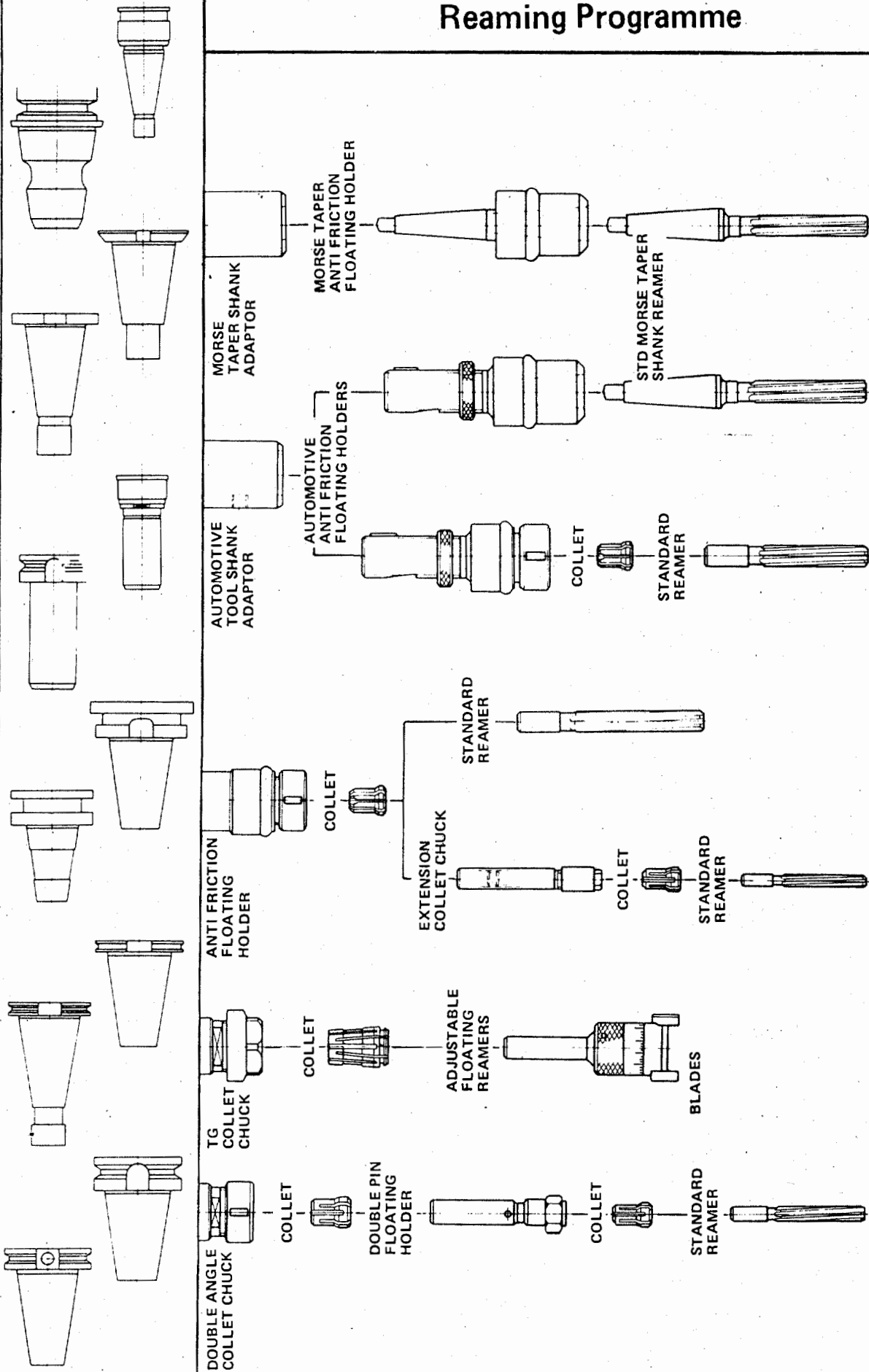
ORIGINAL ERICKSON COLLET SYSTEM, PROVIDING:

POSITIVE LOCK SYSTEM

OPTIMUM ACCURACY
RIGIDITY
MAXIMUM PRODUCTIVITY
INTERCHANGEABILITY
AXIAL PRE SETTING FOR TOOL LENGTHS

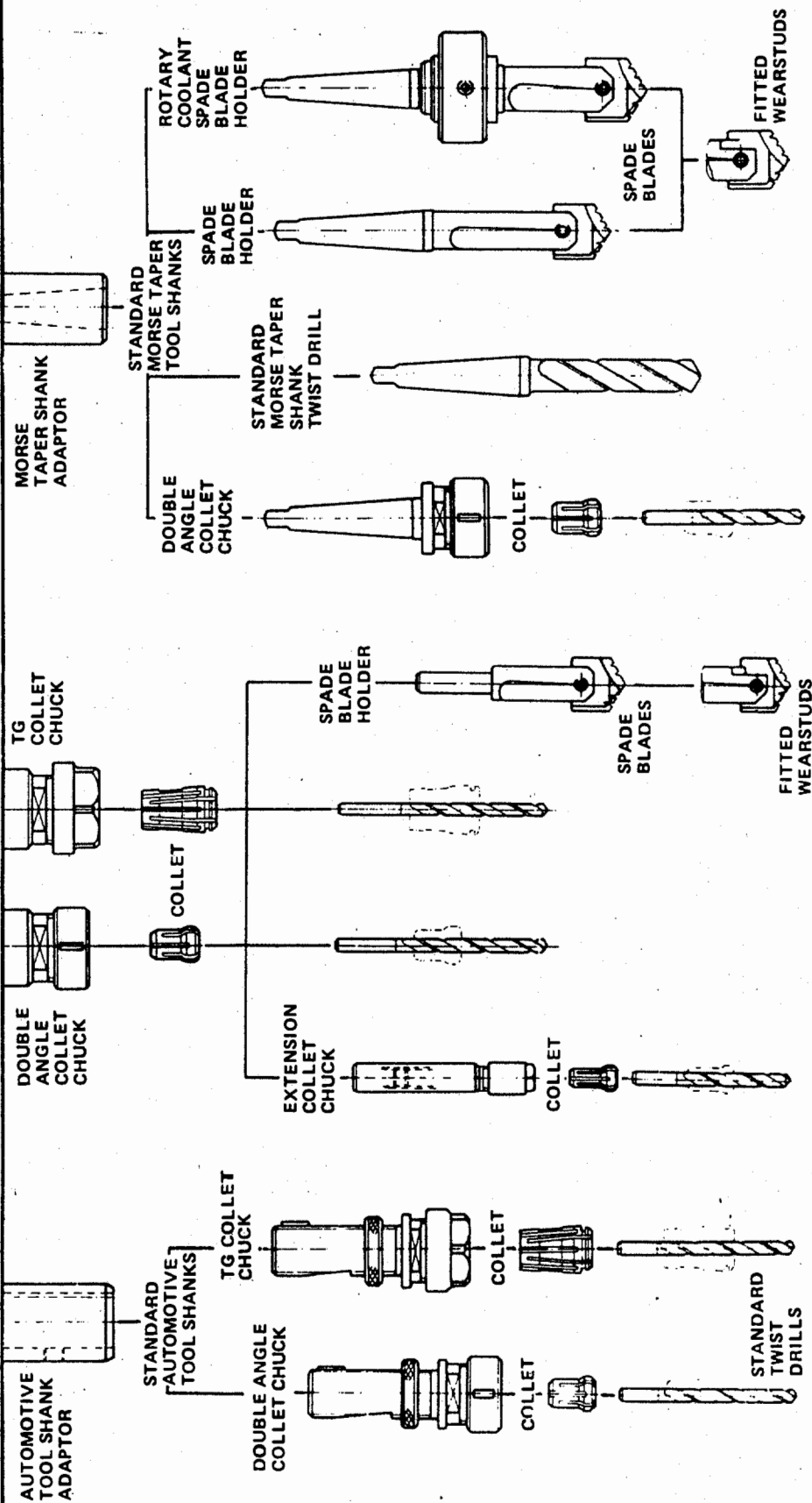
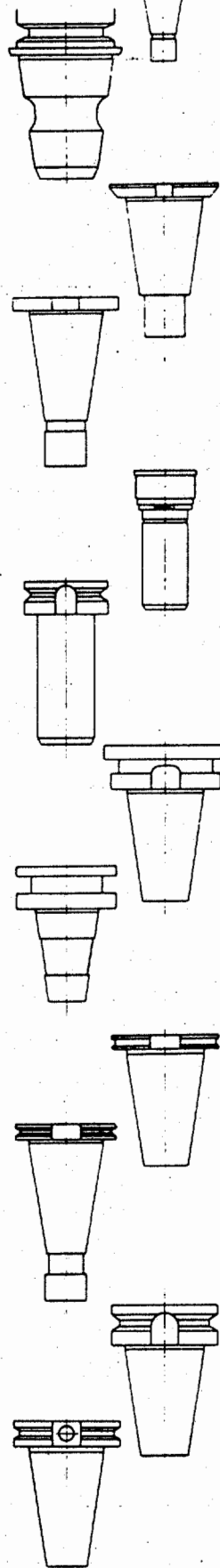
Reaming Programme

Reaming Programme



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

Drilling Programme



MORSE TAPER SYSTEM

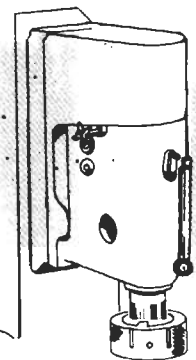
**ORIGINAL ERICKSON COLLET SYSTEM. PROVIDING
OPTIMUM ACCURACY**

AUTOMOTIVE SYSTEM

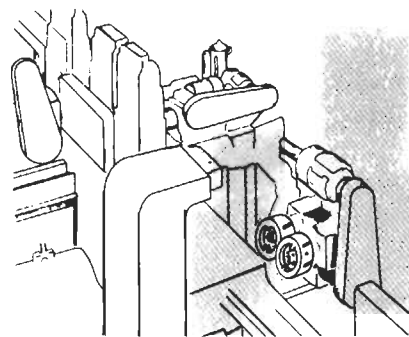
Drilling Programme

INTERCHANGEABILITY AXIAL PRE-SETTING FOR TOOL LENGTHS

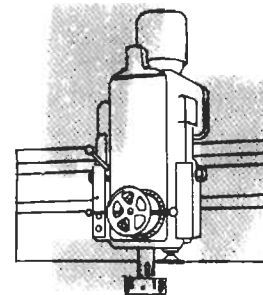
TYPICAL APPLICATIONS of Erickson Quick Change Tool Holders and Adapters



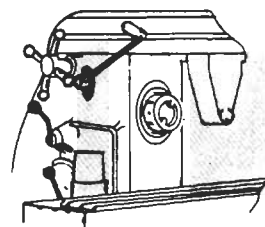
JIG BORERS



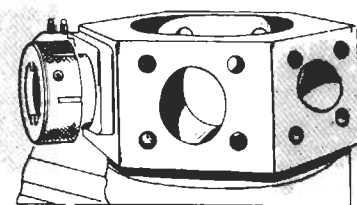
AUTOMATED TRANSFER MACHINE



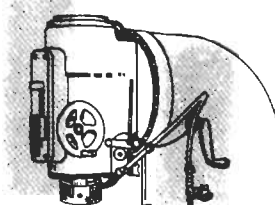
RADIAL DRILLS



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.

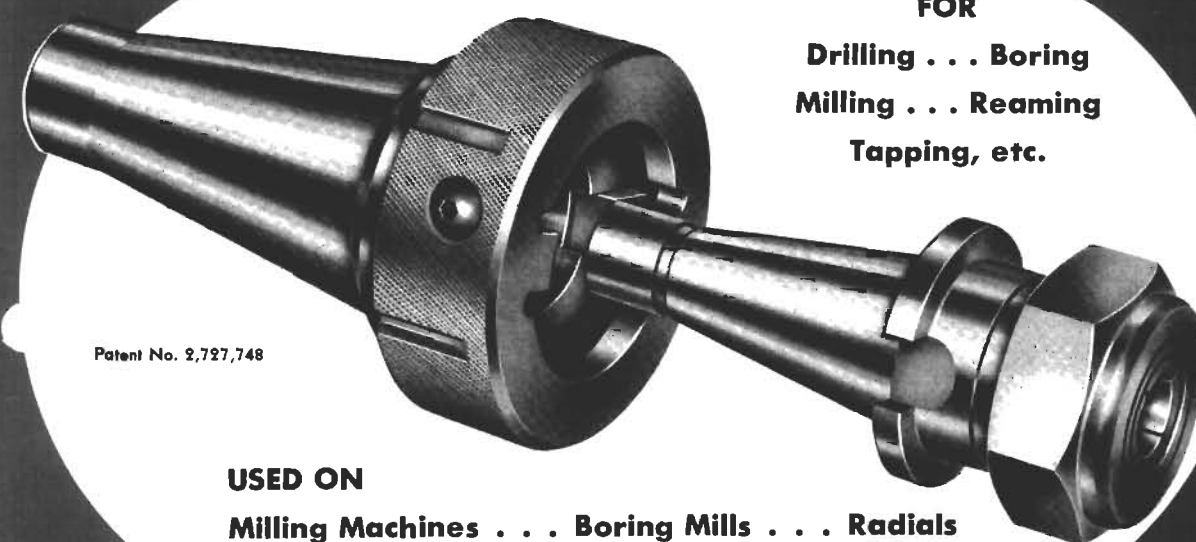
COLLET CHUCKS • FLOATING HOLDERS • TAP CHUCKS • TAP HOLDERS • AIR-OPERATED CHUCKS
EXPANDING MANDRELS • SPECIAL HOLDING FIXTURES

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.

ERELL ASSOCIATES
WELLINGTON
12 MAY 1971

REVISED

All this . . . *Plus* ERICKSON QUALITY