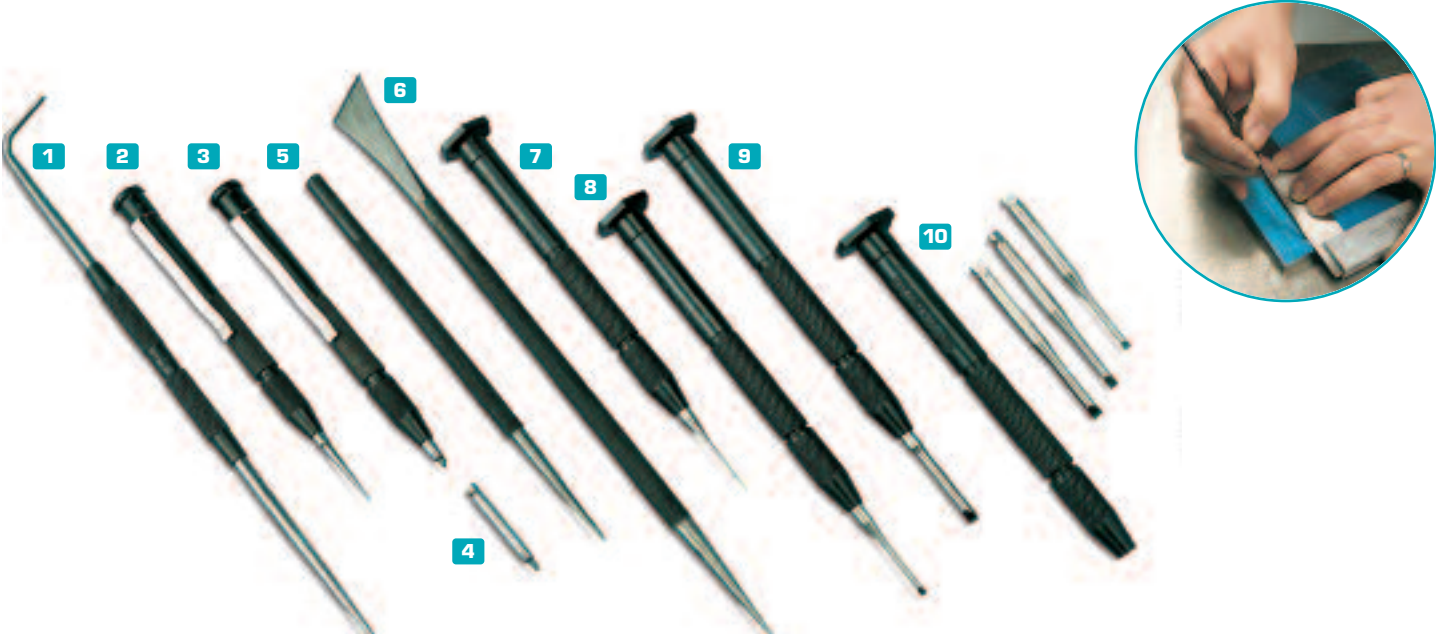


SCRIBERS/JEWELLERS SCREWDRIVERS



ENGINEERS SCRIBERS

- Double ended for marking out in confined spaces, e.g. grooves

Part No	Overall Length	Description	Pack Size
1 E222	190mm (7½")	Double Ended	10

HANDY SCRIBER

- Double ended with pointed and knife-edge ends
- Suitable for marking and scoring most materials including wood, metal, laminates and plastics

Part No	Overall Length	Pack Size
5 76-229R	175mm (7")	5

POCKET SCRIBERS

- Available with either hardened steel or tungsten carbide points
- Reversible point prevents tearing and snagging of clothing when clipped in a pocket

Part No	Size when closed	Description	Pack Size
2 E220	89mm (3½")	With hardened steel point	10
3 E225	89mm (3½")	With tungsten carbide point	10
220/05	-	Replacement hardened steel point	10
225/02	-	Replacement tungsten carbide point	10

MACHINIST'S SCRIBER

- Designed for the machinist
- For marking out in confined spaces, particularly on pre-machined workpieces

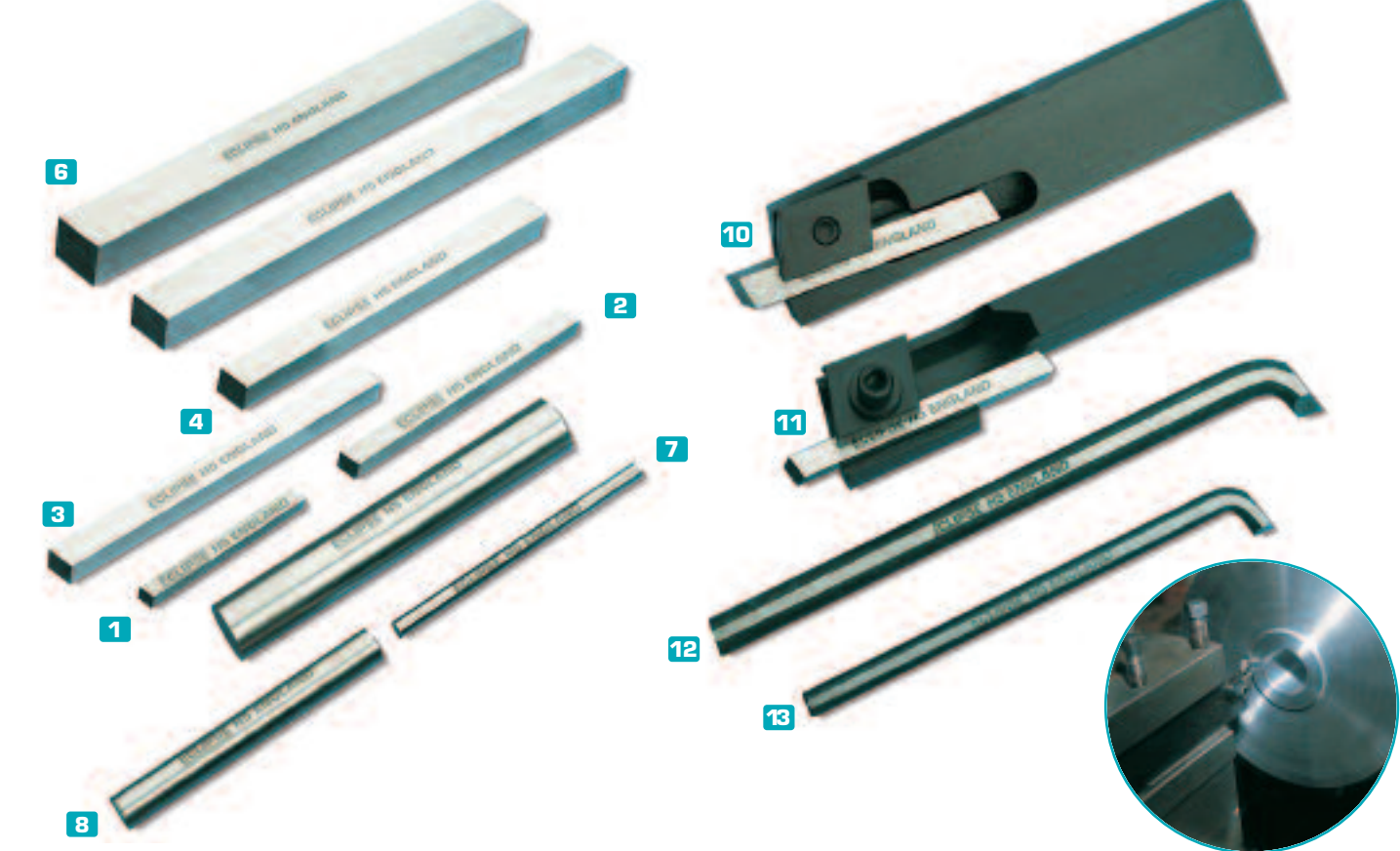
Part No	Overall Length	Description	Pack Size
5 E227	114mm (4½")	One piece single ended scriber	10

JEWELLERS SCREWDRIVERS

- Designed to carry out fine, delicate work by toolmakers, jewellers, watch makers, instrument engineers and opticians
- Blade sizes match all commonly used slotted screws
- 110mm (4½in) overall length when fitted with blade

Part No	Blade Width	Pack Size
7 777A	0.6	10
777B	1.0	10
8 777C	1.4	10
777D	1.8	10
777E	2.1	10
9 777F	2.5	10
777/1	Set of six complete screwdrivers supplied in fitters case	1 set
10 777/2	Pocket set containing one screwdriver body and six interchangeable blades with widths from 0.6mm (0.025in) to 2.5mm (0.100in)	1 set

TOOL BITS/HOLDERS/BORING BARS



TOOL BITS

- Eclipse H5 tool bits have a 5% cobalt content to give optimum hardness, grindability and cutting performance
- Square tool bits can be used in lathes and shaping machines
- Round tool bits used in internal boring bars and slotting machines
- Tool bits manufactured to ISO5421

H5 Square Part No.	H5 Round Part No.	Dimensions Section	Length	Pack Size
1 TD70W	TE70D	4.8mm (¾")	51mm (2")	10
TD74A	7 TE74B	4.8mm (¾")	76mm (3")	10
TD109R		6.4mm (¼")	76mm (3")	10
2 TD111M	TE111C	6.4mm (¼")	102mm (4")	10
TD147R		7.9mm (⅝")	64mm (2½")	10
TD149M	TE149K	7.9mm (⅝")	76mm (3")	10
TD151N	TE151D	7.9mm (⅝")	102mm (4")	10
3 TD189N	8 TE189J	9.5mm (⅜")	76mm (3")	10
TD191W		9.5mm (⅜")	102mm (4")	10
4 TD195C		9.5mm (⅜")	153mm (6")	10
TD271F	TE271E	12.7mm (½")	102mm (4")	5
TD275B		12.7mm (½")	153mm (6")	5
TD311E		15.9mm (⅝")	102mm (4")	5
TD315M		15.9mm (⅝")	153mm (6")	5
6 TD351R		19.0mm (¾")	102mm (4")	5
TD355N		19.0mm (¾")	153mm (6")	5

Diameters quoted are approximate, actual diameters being slightly more than the nominals quoted.
We recommend that tool bits be ground under a copious flow of coolant to prevent build-up of heat.

TOOL BIT HOLDERS

- Eclipse tool bit holders are designed to optimise toolbit performance
- Eclipse holders clamp the tool bit securely and rigidly
- Supplied complete with an Allen key and one Eclipse H5 tool bit

Part No.	Capacity mm	in	Shank Size mm	in	Overall Length	Pack Size
524SL	5-7	⅜ - ¼	11.1 x 25.4	⅞ x 1	130mm (5½")	1
10 534SL	8-10	⅝ - ⅜	15.9 x 31.8	⅝ x 1¼	155mm (6")	1
544SL	10-12.7	⅜ - ½	22.2 x 38	⅞ x 1½	230mm (9")	1
523S	5-7	⅜ - ¼	14.3 x 19	⅝ x ¾	125mm (5")	1
533S	8-10	⅝ - ⅜	17.5 x 25.4	⅞ x 1	155mm (6")	1

Holders with the suffix 'SL' are designed for use in American type (slotted pillar) tool posts. Holders with suffix 'S' are of more robust construction and are designed for use on English type lathes with flat tool rests, or 4 way turret tool posts.

BORING BARS

- Made from H5 cobalt high speed steel
- Shank ground on underside to provide a flat surface for ease of setting and to ensure rigidity when used in a tool post
- Ends ground ready for use

Part No	Diameter	Length	Pack Size
12 TK105B	5mm (⅝")	114mm (4½")	10
TK146C	6.5mm (⅝")	127mm (5")	10
TK188P	8mm (⅝")	153mm (6")	10
13 TK230J	9.5mm (⅝")	178mm (7")	10