

## New Spindles

### Newing-Hall / Taylor Hobson Manual Machines

Type	Code	Price (£)
110/894 Taper Cutter Spindle	TCS	TBA
110/895 Collet Spindle	CS	TBA

### Newing-Hall Computerised Machines

Type	Code	Price (£)
Millgrav Spindle		TBA
Pantocut Spindle		TBA
Domiteaux / Apex 11/64" Spindle		TBA

### Gravograph Manual Machines

Type	Code	Price (£)
IM3 / ITM / ITL 1/8" Spindle	65560000	108.92
TXL / TX3 11/64" Spindle	58216000	269.43
B6 Beveller 1/4" Spindle	57641000	176.13

### Gravograph Computerised Machines

Type	Code	Price (£)
VXM 11/64" Spindle	A3605000	187.57
Unica / IS200 11/64" Spindle	B5910000	283.88
VX / IS 11/64" Spindle	A0100000	365.50
VX / IS 1/4" Collet Spindle	B2701000	742.60

## Spindle Overhauls

We offer a full overhaul service on most spindles. The spindle is stripped down, the inner spindle is then checked for concentricity and cutter wear. At this stage we would either replace just the bearings or both the bearings and inner spindle. The spindle is then rebuilt and test run. All this work is carried out in a Clean Air cabinet to avoid contamination of the bearings.

### Newing-Hall / Taylor Hobson Manual Machine

Type	Code	Price (£)
110/374 Taper Cutter Spindle	SP-OV374	160.00
110/825 Taper Cutter Spindle	SP-OV825	160.00
110/894 Taper Cutter Spindle	SP-OV894	160.00
110/895 Collet Spindle	SP-OV895	160.00
JH Collet Spindle	SP-OVJH	200.00

### Newing-Hall Computerised Machines

Type	Code	Price (£)
Millgrav Spindle	SP-OVMILL	462.50
Pantocut Spindle	SP-OVPAN	462.50
Domiteaux / Apex 11/64" Spindle	SP-OVDOM	120.00
Domiteaux / Apex 1/4" Spindle	SP-OVDOM1/4	120.00

### Alexander Engraving Machines

Type	Code	Price (£)
Alexander Engraving Spindle	SP-ALEX	160.00
Alexander Diesinker Spindle	SP-ALEX3A	180.00

### Cipher / Dahlgren Computerised Machines

Type	Code	Price (£)
Cipher 1/4" Spindle	SP-CIPHER250	120.00
Dahlgren 1/8" Spindle	SP-DAHL125	65.70
Dahlgren 1/4" Spindle	SP-DAHL250	120.00

### Gravograph Manual Machines

Type	Code	Price (£)
IM3 / ITM / ITL 1/8" Spindle	SP-OVIM3	52.00
TXL / TX3 11/64" Spindle	SP-TX	77.00
B6 Beveller 1/4" Spindle	SP-B6	88.00

### Gravograph Computerised Machines

Type	Code	Price (£)
VXM 11/64" Spindle	SP-OVVMX	85.00
Unica / IS200 11/64" Spindle	SP-OVUN	85.00
VX / IS 11/64" Spindle	SP-OVWX	85.00
VX / IS 1/4" Collet Spindle	SP-OVWXC	110.00

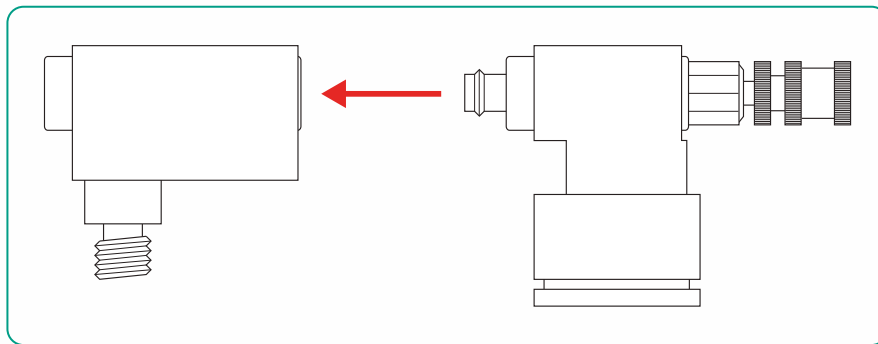
### K Kanto / Mastergave / Scripta / Suregrave

Type	Code	Price (£)
Kanto / Mastergave 3mm Spindle (Bot)	SP-OV3M	50.60
Kanto / Mastergave 3mm Spindle (Top)	SP-OV3M	50.60
Scripta / Suregrave 4mm Spindle	SP-OV4M	50.60

### Mimaki / Roland Computerised Machines

Type	Code	Price (£)
Mimaki 6mm Spindle	SP-MIMOV	95.00
Roland 1/8" Spindle	SP-ROL125	65.00
Roland 11/64" Spindle	SP-ROL1164	95.00
Roland EGX600 Collet Spindle	SP-ROLEGX	95.00

## Newing-Hall, Apex-TLC - Clippard Assembly



Type	Code	Price
Clippard	6166/50145	£30.59
Flow Valve	K05050	£27.52

## Inner Spindles

Type	Code	Price (£)
Domiteaux 11/64" Inner Spindle Imperial	04601	142.95
Domiteaux 11/64" Inner Spindle Metric	04900	142.95
VXM Inner 11/64" Spindle	3605000IN	46.84
Gravograph IM3/ITL 1/8" Inner Spindle	65561001	35.06
Spindle Inner VX 11/64" Computer Machine	A010000IN	67.83
.250" Cipher Inner Spindle short 90mm	CIPH250ISS	93.41
.250" Dahlgren Inner Spindle long	DS250ISL	93.41
.250" Dahlgren Inner Spindle short	DS250ISS	93.41
H Square 1912 11/64" Inner Spindle	HS1912IS	99.51
Meistergram 1912 11/64" Inner Spindle	MEIS1912IS	42.58