

**Some items are subject to freight charges.**  
 All prices include GST. Plug & lead not supplied on 415 volt machines.  
 Specifications & prices are subject to change without notice.

# HAFCO TOOLMASTER CNC ACCESSORIES



## BT CNC TOOLING

### BT MULTILOCK CHUCKS

| CODE   | BT | DESCRIPTION | PRICE |
|--------|----|-------------|-------|
| (T300) | 40 | ASC32 90mm  |       |
| (T302) | 50 | ASC32 105mm |       |

### BT ER COLLET CHUCKS

| Code   | BT | Size & Extension | Price |
|--------|----|------------------|-------|
| (T332) | 30 | ER32 - 60mm      |       |
| (T203) | 40 | ER16 - 70mm      |       |
| (T204) | 40 | ER16 - 100mm     |       |
| (T208) | 40 | ER20 - 70mm      |       |
| (T209) | 40 | ER20 - 100mm     |       |
| (T214) | 40 | ER25 - 70mm      |       |
| (T215) | 40 | ER25 - 100mm     |       |
| (T220) | 40 | ER32 - 60mm      |       |
| (T224) | 40 | ER32 - 100mm     |       |
| (T226) | 40 | ER40 - 80mm      |       |
| (T228) | 40 | ER40 - 100mm     |       |
| (T448) | 50 | ER32 - 100mm     |       |
| (T450) | 50 | ER40 - 100mm     |       |

All ER40 collet chucks fitted with B/Bearing Nuts

### BT FACE MILL ARBORS

| CODE   | BT | SIZE & Extension       | PRICE |
|--------|----|------------------------|-------|
| (T150) | 40 | ø22mm - 45mm Extension |       |
| (T151) | 40 | ø22mm - 90mm Extension |       |
| (T155) | 40 | ø27mm - 60mm Extension |       |
| (T158) | 40 | ø32mm - 45mm Extension |       |
| (T162) | 40 | ø40mm - 60mm Extension |       |
| (T456) | 50 | ø27mm - 45mm Extension |       |
| (T457) | 50 | ø32mm - 45mm Extension |       |

### BT MORSE TAPER ADAPTORS

| CODE   | BT | SIZE & Extension     | PRICE |
|--------|----|----------------------|-------|
| (T175) | 40 | MT2 - 45mm Extension |       |
| (T177) | 40 | MT3 - 75mm Extension |       |
| (T179) | 40 | MT4 - 90mm Extension |       |
| (T453) | 50 | MT3 - 65mm Extension |       |
| (T454) | 50 | MT4 - 75mm Extension |       |

## TOUCH POINT SENSOR

- Accuracy within 0.005mm
- When held in a tool holding device and touched against the workpiece, the red light illuminates & also emits a sound
- A valuable setting tool for all machine shops
- 20mm shank



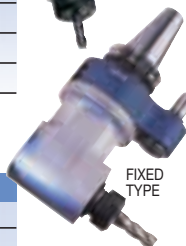
(M690)

### BT ANGLE HEADS

| CODE    | BT        | DESCRIPTION    | PRICE |
|---------|-----------|----------------|-------|
| (T527)  | BT40xER25 | UNIVERSAL TYPE |       |
| (T527A) | BT50xER32 | UNIVERSAL TYPE |       |
| (T528)  | BT40xER25 | FIXED TYPE     |       |
| (T528A) | BT50xER32 | FIXED TYPE     |       |



UNIVERSAL TYPE



FIXED TYPE

### BT SIDE LOCK HOLDERS

| CODE   | BT | SIZE & Extension | PRICE |
|--------|----|------------------|-------|
| T163)  | 40 | 10mm - 75mm      |       |
| T164)  | 40 | 12mm - 75mm      |       |
| (T165) | 40 | 16mm - 75mm      |       |
| (T167) | 40 | 20mm - 90mm      |       |
| (T169) | 40 | 25mm - 90mm      |       |
| (T171) | 40 | 32mm - 90mm      |       |
| (T464) | 50 | 16mm - 90mm      |       |
| (T465) | 50 | 20mm - 90mm      |       |
| (T466) | 50 | 25mm - 105mm     |       |
| (T467) | 50 | 32mm - 105mm     |       |
| (T468) | 50 | 40mm - 120mm     |       |



### BT DRILL CHUCK ARBOR

| CODE   | BT | TAPER & Extension    | PRICE |
|--------|----|----------------------|-------|
| (T181) | 40 | JT6 - 45mm Extension |       |



### BT APU DRILL CHUCKS

| CODE   | BT | SIZE & Extension | PRICE |
|--------|----|------------------|-------|
| (T190) | 40 | APU13 - 110mm    |       |
| (T194) | 40 | APU16 - 130mm    |       |
| (T462) | 50 | APU13 - 120mm    |       |



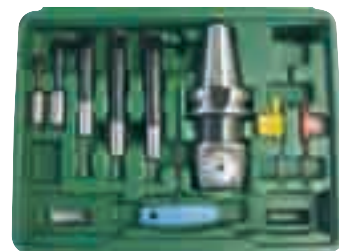
### BT PULL STUDS

| CODE   | BT | TYPE       | PRICE |
|--------|----|------------|-------|
| (T330) | 30 | 45° 12mm   |       |
| (T142) | 40 | 45° 16mm   |       |
| (T145) | 40 | DAEWOO     |       |
| (T148) | 40 | MAZAK      |       |
| (T445) | 50 | 45° 24mm   |       |
| (T144) | 40 | OTT SYSTEM |       |



## BT40 FINE BORING HEAD

- Fine boring head suitable for fine finishing with a working range of 8-35mm
- The dial is graduated into 80 divisions each of which is 0.01mm on diameter
- The high precision internal lead screw is protected from chips and swarf



(T255)

## Z-AXIS PRESET GAUGE

- Magnetic base for easy set-up
- Height can be micro-adjusted and audited with gauge block
- Red lamp illuminates when touched
- Accuracy within 0.005mm



(M691)



(M693)

Dial gauge type

(M691)

(M693)