



Price INR  
2013

## KTA SPINDLE TOOLINGS

“ SILVER ” SERIES PRECISION TOOL HOLDERS FOR CNC MACHINES

BT30, BT40, BT50 MAS (403)

- Features :
- ❑ Concertricity Within 0.005 mm
  - ❑ External Taper AT3 Class
  - ❑ Core Strength 800 N / mm<sup>2</sup>
  - ❑ Surface Hardness 58 /62 HRC
  - ❑ Balanced To 6.3 G 15000 RPM
  - ❑ Complete Silver Look



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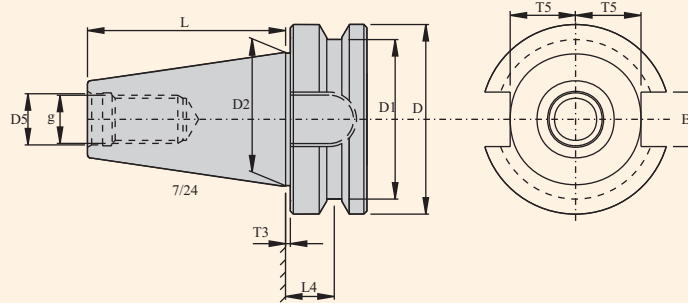
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## BT MAS 403

### BT MAS 403 FORM A

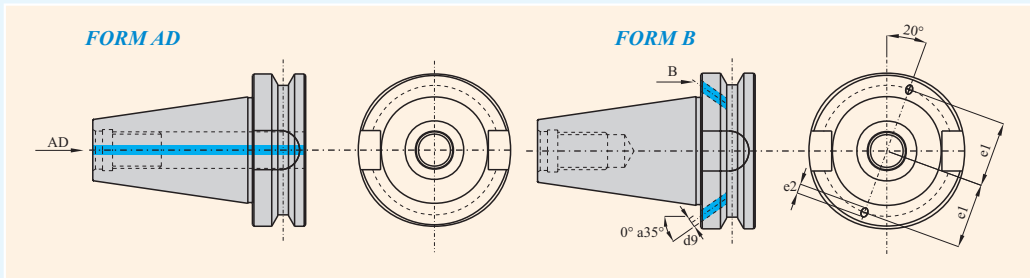
#### BT MAS 403



| TAPER | D   | D1 | D2    | L     | D5   | g    | T5   | B    | T3 | L4   |
|-------|-----|----|-------|-------|------|------|------|------|----|------|
| 30    | 46  | 38 | 31.75 | 48.4  | 12.5 | M 12 | 16.3 | 16.1 | 2  | 13.6 |
| 40    | 63  | 53 | 44.45 | 65.4  | 17   | M 16 | 22.5 | 16.1 | 2  | 16.6 |
| 50    | 100 | 85 | 69.85 | 101.8 | 25   | M 24 | 35.4 | 25.7 | 3  | 23.2 |

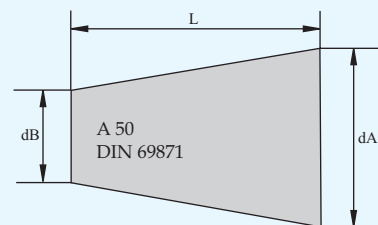
### WITH COOLANT THROUGH CENTRE (FORM AD) AND

### WITH COOLANT THROUGH FLANGE (FORM B) (Only for Taper 40 & 50 AD+B)



### KTA TOOL HOLDERS : TECHNICAL INFORMATION

| ISO | L  | dA-dB  | AT 3  |
|-----|----|--------|-------|
| 30  | 42 | 12,250 | 0,002 |
| 40  | 59 | 17,208 | 0,003 |
| 50  | 92 | 26,833 | 0,004 |



Material : Case Hardened Steel, tensile strength in the core min. 800 N/mm<sup>2</sup>  
Surface Hardness HRC 60 ± 2; C.D. 0.80mm

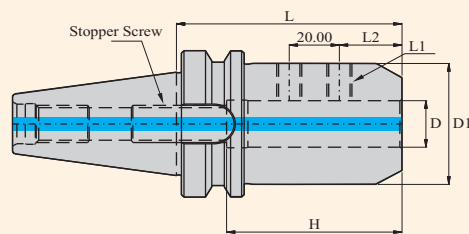
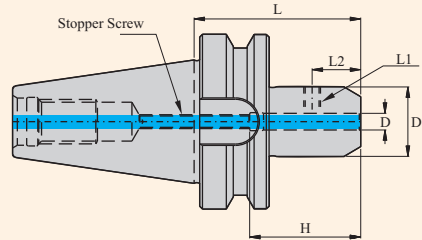
Accuracy : External Taper Angle [Cone] AT3 DIN 7178 and DIN 2080.  
Runout between Cone and holding Area 0.005mm.

## BT MAS 403 - ' SILVER ' SERIES



### SIDE LOCK ADAPTOR FOR STRAIGHT SHANK TOOLS (SLA) AD

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm

| Item Name      | Item Code       | BT | D  | L   | D1 | L2   | H  | Stopper Screw | L1   | Quantity | INR  |
|----------------|-----------------|----|----|-----|----|------|----|---------------|------|----------|------|
| BT30SLA06050AD | K10101101111110 | 30 | 6  | 50  | 25 | 17.5 | 32 | -             | M 6  | 1        | 2100 |
| BT30SLA08050AD | K10101102111110 | 30 | 8  | 50  | 28 | 17.5 | 33 | -             | M 8  | 1        | 2100 |
| BT30SLA10050AD | K10101103111110 | 30 | 10 | 50  | 35 | 19.5 | 35 | -             | M 10 | 1        | 1960 |
| BT30SLA12055AD | K10101104115110 | 30 | 12 | 55  | 42 | 22.0 | 42 | -             | M 12 | 1        | 1960 |
| BT30SLA16063AD | K10101105119110 | 30 | 16 | 63  | 48 | 23.5 | 47 | -             | M 14 | 1        | 2100 |
| BT30SLA20090AD | K10101106140110 | 30 | 20 | 90  | 50 | 25   | 70 | M 16          | M 10 | 2        | 2100 |
| BT30SLA25090AD | K10101107140110 | 30 | 25 | 90  | 50 | 25   | 70 | M 16          | M 10 | 2        | 2520 |
| BT40SLA06050AD | K10102101111110 | 40 | 6  | 50  | 25 | 17.5 | 32 | -             | M 6  | 1        | 2795 |
| BT40SLA08050AD | K10102102111110 | 40 | 8  | 50  | 28 | 17.5 | 33 | -             | M 8  | 1        | 2795 |
| BT40SLA10063AD | K10102103119110 | 40 | 10 | 63  | 35 | 19.5 | 35 | -             | M 10 | 1        | 2245 |
| BT40SLA12063AD | K10102104119110 | 40 | 12 | 63  | 42 | 22.0 | 42 | -             | M 12 | 1        | 2245 |
| BT40SLA16063AD | K10102105119110 | 40 | 16 | 63  | 48 | 23.5 | 47 | -             | M 14 | 1        | 2245 |
| BT40SLA20090AD | K10102106140110 | 40 | 20 | 90  | 50 | 25   | 70 | M 16          | M 10 | 2        | 2520 |
| BT40SLA25090AD | K10102107140110 | 40 | 25 | 90  | 50 | 25   | 70 | M 16          | M 10 | 2        | 2650 |
| BT40SLA32090AD | K10102108140110 | 40 | 32 | 90  | 60 | 30   | 70 | M 16          | M 10 | 2        | 2795 |
| BT40SLA40090AD | K10102109140110 | 40 | 40 | 90  | 60 | 30   | 70 | M 16          | M 10 | 2        | 2950 |
| BT50SLA06063AD | K10103101119110 | 50 | 6  | 63  | 25 | 17.5 | 32 | -             | M 6  | 1        | 4675 |
| BT50SLA08063AD | K10103102119110 | 50 | 8  | 63  | 28 | 17.5 | 33 | -             | M 8  | 1        | 4675 |
| BT50SLA10070AD | K10103103125110 | 50 | 10 | 70  | 35 | 19.5 | 35 | -             | M 10 | 1        | 4520 |
| BT50SLA12080AD | K10103104131110 | 50 | 12 | 80  | 42 | 22.0 | 42 | -             | M 12 | 1        | 4520 |
| BT50SLA16080AD | K10103105131110 | 50 | 16 | 80  | 48 | 23.5 | 47 | -             | M 14 | 1        | 4520 |
| BT50SLA20105AD | K10103106152110 | 50 | 20 | 105 | 50 | 25   | 70 | M 16          | M 10 | 2        | 4520 |
| BT50SLA25105AD | K10103107152110 | 50 | 25 | 105 | 50 | 25   | 70 | M 16          | M 10 | 2        | 4520 |
| BT50SLA32105AD | K10103108152110 | 50 | 32 | 105 | 60 | 30   | 70 | M 16          | M 10 | 2        | 4950 |
| BT50SLA40105AD | K10103109152110 | 50 | 40 | 105 | 60 | 30   | 70 | M 16          | M 10 | 2        | 4950 |
| BT50SLA50105AD | K10103110152110 | 50 | 50 | 105 | 82 | 30   | 85 | M 16          | M 12 | 2        | 6005 |

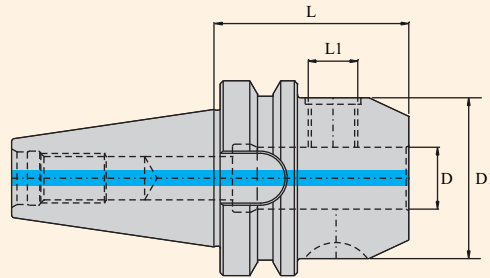
Ordering Example :- BT30SLA06050AD = 2 Nos.



## BT MAS 403 - ' SILVER ' SERIES

### END MILL HOLDER DIN6359 FOR WELDON TYPE END MILLS DIN 1835B(WN) AD

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm

| Item Name     | Item Code       | ISO | D  | L   | D1 | L1  | Quantity | INR  |
|---------------|-----------------|-----|----|-----|----|-----|----------|------|
| BT30WN06050AD | K10101111111110 | 30  | 6  | 50  | 25 | M6  | 1        | 2100 |
| BT30WN08050AD | K10101112111110 | 30  | 8  | 50  | 28 | M8  | 1        | 2100 |
| BT30WN10050AD | K10101113111110 | 30  | 10 | 50  | 35 | M10 | 1        | 1950 |
| BT30WN12055AD | K10101114115110 | 30  | 12 | 55  | 42 | M12 | 1        | 1950 |
| BT30WN14055AD | K10101258115110 | 30  | 14 | 55  | 44 | M12 | 1        | 1950 |
| BT30WN16063AD | K10101115119110 | 30  | 16 | 63  | 48 | M14 | 1        | 2100 |
| BT30WN18063AD | K10101259119110 | 30  | 18 | 63  | 50 | M14 | 1        | 1950 |
| BT30WN20070AD | K10101116125110 | 30  | 20 | 70  | 52 | M16 | 1        | 2100 |
| BT40WN06050AD | K10102111111110 | 40  | 6  | 50  | 25 | M6  | 1        | 2240 |
| BT40WN06100AD | K10102111148110 | 40  | 6  | 100 | 25 | M6  | 1        | 2660 |
| BT40WN06130AD | K10102111165110 | 40  | 6  | 130 | 25 | M6  | 1        | 4180 |
| BT40WN06160AD | K10102111175110 | 40  | 6  | 160 | 25 | M6  | 1        | 4180 |
| BT40WN06200AD | K10102111239110 | 40  | 6  | 200 | 25 | M6  | 1        | 8600 |
| BT40WN08050AD | K10102112111110 | 40  | 8  | 50  | 28 | M8  | 1        | 2100 |
| BT40WN08100AD | K10102112148110 | 40  | 8  | 100 | 28 | M8  | 1        | 2450 |
| BT40WN08130AD | K10102112165110 | 40  | 8  | 130 | 28 | M8  | 1        | 4180 |
| BT40WN08160AD | K10102112175110 | 40  | 8  | 160 | 28 | M8  | 1        | 4180 |
| BT40WN08200AD | K10102112239110 | 40  | 8  | 200 | 28 | M8  | 1        | 8180 |
| BT40WN10063AD | K10102113119110 | 40  | 10 | 63  | 35 | M10 | 1        | 2100 |
| BT40WN10100AD | K10102113148110 | 40  | 10 | 100 | 35 | M10 | 1        | 2450 |
| BT40WN10130AD | K10102113165110 | 40  | 10 | 130 | 35 | M10 | 1        | 3960 |
| BT40WN10160AD | K10102113175110 | 40  | 10 | 160 | 35 | M10 | 1        | 3960 |
| BT40WN10200AD | K10102113239110 | 40  | 10 | 200 | 35 | M10 | 1        | 8180 |
| BT40WN12063AD | K10102114119110 | 40  | 12 | 63  | 42 | M12 | 1        | 2100 |
| BT40WN12100AD | K10102114148110 | 40  | 12 | 100 | 42 | M12 | 1        | 2450 |
| BT40WN12130AD | K10102114165110 | 40  | 12 | 130 | 42 | M12 | 1        | 3960 |
| BT40WN12160AD | K10102114175110 | 40  | 12 | 160 | 42 | M12 | 1        | 3960 |
| BT40WN12200AD | K10102114239110 | 40  | 12 | 200 | 42 | M12 | 1        | 8180 |
| BT40WN14063AD | K10102258119110 | 40  | 14 | 63  | 44 | M12 | 1        | 2100 |
| BT40WN14100AD | K10102258148110 | 40  | 14 | 100 | 44 | M12 | 1        | 2450 |
| BT40WN14130AD | K10102258165110 | 40  | 14 | 130 | 44 | M12 | 1        | 3960 |
| BT40WN14160AD | K10102258175110 | 40  | 14 | 160 | 44 | M12 | 1        | 3960 |
| BT40WN14200AD | K10102258239110 | 40  | 14 | 200 | 44 | M12 | 1        | 8180 |
| BT40WN16063AD | K10102115119110 | 40  | 16 | 63  | 48 | M14 | 1        | 2100 |
| BT40WN16100AD | K10102115148110 | 40  | 16 | 100 | 48 | M14 | 1        | 2450 |
| BT40WN16130AD | K10102115165110 | 40  | 16 | 130 | 48 | M14 | 1        | 3960 |
| BT40WN16160AD | K10102115175110 | 40  | 16 | 160 | 48 | M14 | 1        | 3960 |
| BT40WN16200AD | K10102115239110 | 40  | 16 | 200 | 48 | M14 | 1        | 8180 |
| BT40WN18063AD | K10102259119110 | 40  | 18 | 63  | 50 | M14 | 1        | 2100 |

Ordering Example :- BT30WN06050AD = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



| Item Name     | Item Code       | ISO | D  | L   | D1 | L1      | Quantity | INR   |
|---------------|-----------------|-----|----|-----|----|---------|----------|-------|
| BT40WN18100AD | K10102259175110 | 40  | 18 | 100 | 50 | M14     | 1        | 2450  |
| BT40WN18130AD | K10102259165110 | 40  | 18 | 130 | 50 | M14     | 1        | 3960  |
| BT40WN18160AD | K10102259175110 | 40  | 18 | 160 | 50 | M14     | 1        | 3960  |
| BT40WN18200AD | K10102259239110 | 40  | 18 | 200 | 50 | M14     | 1        | 8180  |
| BT40WN20063AD | K10102116119110 | 40  | 20 | 63  | 52 | M16     | 1        | 2100  |
| BT40WN20100AD | K10102116148110 | 40  | 20 | 100 | 52 | M16     | 1        | 2450  |
| BT40WN20130AD | K10102116165110 | 40  | 20 | 130 | 52 | M16     | 1        | 4180  |
| BT40WN20160AD | K10102116175110 | 40  | 20 | 160 | 52 | M16     | 1        | 4180  |
| BT40WN20200AD | K10102116239110 | 40  | 20 | 200 | 52 | M16     | 1        | 8180  |
| BT40WN25090AD | K10102117140110 | 40  | 25 | 90  | 65 | M18 X 2 | 2        | 2310  |
| BT40WN25130AD | K10102117165110 | 40  | 25 | 130 | 65 | M18 X 2 | 2        | 4180  |
| BT40WN25160AD | K10102117175110 | 40  | 25 | 160 | 65 | M18 X 2 | 2        | 4180  |
| BT40WN25200AD | K10102117239110 | 40  | 25 | 200 | 65 | M18 X 2 | 2        | 8950  |
| BT40WN32100AD | K10102118148110 | 40  | 32 | 100 | 72 | M20 X 2 | 2        | 2590  |
| BT40WN32130AD | K10102118165110 | 40  | 32 | 130 | 72 | M20 X 2 | 2        | 4290  |
| BT40WN32160AD | K10102118175110 | 40  | 32 | 160 | 72 | M20 X 2 | 2        | 4290  |
| BT40WN32200AD | K10102118239110 | 40  | 32 | 200 | 72 | M20 X 2 | 2        | 10000 |
| BT40WN40105AD | K10102119152110 | 40  | 40 | 105 | 80 | M20 X 2 | 2        | 3355  |
| BT40WN40130AD | K10102119165110 | 40  | 40 | 130 | 80 | M20 X 2 | 2        | 3220  |
| BT40WN40160AD | K10102119175110 | 40  | 40 | 160 | 80 | M20 X 2 | 2        | 4400  |
| BT50WN06063AD | K10103111119110 | 50  | 6  | 63  | 25 | M6      | 1        | 4675  |
| BT50WN06100AD | K10103111148110 | 50  | 6  | 100 | 25 | M6      | 1        | 5610  |
| BT50WN06130AD | K10103111165110 | 50  | 6  | 130 | 25 | M6      | 1        | 6930  |
| BT50WN06160AD | K10103111175110 | 50  | 6  | 160 | 25 | M6      | 1        | 6930  |
| BT50WN06200AD | K10103111239110 | 50  | 6  | 200 | 25 | M6      | 1        | 9653  |
| BT50WN08063AD | K10103112119110 | 50  | 8  | 63  | 28 | M8      | 1        | 4675  |
| BT50WN08100AD | K10103112148110 | 50  | 8  | 100 | 28 | M8      | 1        | 5610  |
| BT50WN08130AD | K10103112165110 | 50  | 8  | 130 | 28 | M8      | 1        | 6930  |
| BT50WN08160AD | K10103112175110 | 50  | 8  | 160 | 28 | M8      | 1        | 6930  |
| BT50WN08200AD | K10103112239110 | 50  | 8  | 200 | 28 | M8      | 1        | 9510  |
| BT50WN10070AD | K10103113125110 | 50  | 10 | 70  | 35 | M10     | 1        | 4520  |
| BT50WN10100AD | K10103113148110 | 50  | 10 | 100 | 35 | M10     | 1        | 5500  |
| BT50WN10130AD | K10103113165110 | 50  | 10 | 130 | 35 | M10     | 1        | 6710  |
| BT50WN10160AD | K10103113175110 | 50  | 10 | 160 | 35 | M10     | 1        | 6710  |
| BT50WN10200AD | K10103113239110 | 50  | 10 | 200 | 35 | M10     | 1        | 6510  |
| BT50WN12080AD | K10103114131110 | 50  | 12 | 80  | 42 | M12     | 1        | 4520  |
| BT50WN12100AD | K10103114148110 | 50  | 12 | 100 | 42 | M12     | 1        | 5500  |
| BT50WN12130AD | K10103114165110 | 50  | 12 | 130 | 42 | M12     | 1        | 6710  |
| BT50WN12160AD | K10103114175110 | 50  | 12 | 160 | 42 | M12     | 1        | 6710  |
| BT50WN12200AD | K10103114239110 | 50  | 12 | 200 | 42 | M12     | 1        | 9510  |
| BT50WN14080AD | K10103258131110 | 50  | 14 | 80  | 44 | M12     | 1        | 4520  |
| BT50WN14100AD | K10103258148110 | 50  | 14 | 100 | 44 | M12     | 1        | 5500  |
| BT50WN14130AD | K10103258165110 | 50  | 14 | 130 | 44 | M12     | 1        | 6710  |
| BT50WN14160AD | K10103258175110 | 50  | 14 | 160 | 44 | M12     | 1        | 6710  |
| BT50WN14200AD | K10103258239110 | 50  | 14 | 200 | 44 | M12     | 1        | 9510  |
| BT50WN16080AD | K10103115131110 | 50  | 16 | 80  | 48 | M14     | 1        | 4520  |
| BT50WN16100AD | K10103115148110 | 50  | 16 | 100 | 48 | M14     | 1        | 5500  |
| BT50WN16130AD | K10103115165110 | 50  | 16 | 130 | 48 | M14     | 1        | 6710  |
| BT50WN16160AD | K10103115175110 | 50  | 16 | 160 | 48 | M14     | 1        | 6710  |
| BT50WN16200AD | K10103115239110 | 50  | 16 | 200 | 48 | M14     | 1        | 9510  |

Ordering Example :-BT40WN18100AD = 2 Nos.



## BT MAS 403 - ' SILVER ' SERIES

| Item Name     | Item Code       | ISO | D  | L   | D1  | L1      | Quantity | INR  |
|---------------|-----------------|-----|----|-----|-----|---------|----------|------|
| BT50WN18080AD | K10103259131110 | 50  | 18 | 80  | 50  | M14     | 1        | 4520 |
| BT50WN18100AD | K10103259148110 | 50  | 18 | 100 | 50  | M14     | 1        | 5500 |
| BT50WN18130AD | K10103259165110 | 50  | 18 | 130 | 50  | M14     | 1        | 6710 |
| BT50WN18160AD | K10103259175110 | 50  | 18 | 160 | 50  | M14     | 1        | 6710 |
| BT50WN18200AD | K10103259239110 | 50  | 18 | 200 | 50  | M14     | 1        | 9510 |
| BT50WN20080AD | K10103116131110 | 50  | 20 | 80  | 52  | M16     | 1        | 4520 |
| BT50WN20100AD | K10103116148110 | 50  | 20 | 100 | 52  | M16     | 1        | 5500 |
| BT50WN20130AD | K10103116165110 | 50  | 20 | 130 | 52  | M16     | 1        | 6710 |
| BT50WN20160AD | K10103116175110 | 50  | 20 | 160 | 52  | M16     | 1        | 6710 |
| BT50WN20200AD | K10103116239110 | 50  | 20 | 200 | 52  | M16     | 1        | 9510 |
| BT50WN25100AD | K10103117148110 | 50  | 25 | 100 | 65  | M18 X 2 | 2        | 4730 |
| BT50WN25130AD | K10103117165110 | 50  | 25 | 130 | 65  | M18 X 2 | 2        | 6930 |
| BT50WN25160AD | K10103117175110 | 50  | 25 | 160 | 65  | M18 X 2 | 2        | 6930 |
| BT50WN32105AD | K10103118152110 | 50  | 32 | 105 | 72  | M20 X 2 | 2        | 4950 |
| BT50WN32130AD | K10103118165110 | 50  | 32 | 130 | 72  | M20 X 2 | 2        | 7040 |
| BT50WN32160AD | K10103118175110 | 50  | 32 | 160 | 72  | M20 X 2 | 2        | 7040 |
| BT50WN40115AD | K10103119159110 | 50  | 40 | 115 | 80  | M20 X 2 | 2        | 4950 |
| BT50WN40160AD | K10103119175110 | 50  | 40 | 160 | 80  | M20 X 2 | 2        | 7865 |
| BT50WN50125AD | K10103120164110 | 50  | 50 | 125 | 100 | M24 X 2 | 2        | 5940 |

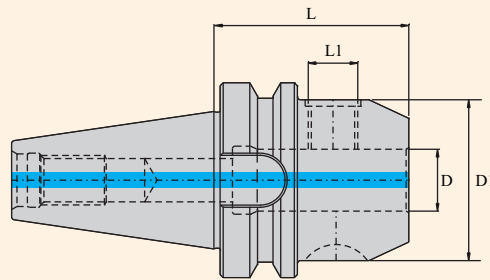
Ordering Example :-BT50WN18080AD = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



### END MILL HOLDER DIN6359 FOR WELDON TYPE END MILLS DIN 1835B(WN) AD+B

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm

| Item Name       | Item Code       | ISO | D  | L   | D1 | L1  | Quantity | INR  |
|-----------------|-----------------|-----|----|-----|----|-----|----------|------|
| BT30WN06050AD+B | K10101111111110 | 30  | 6  | 50  | 25 | M6  | 1        | 2100 |
| BT30WN08050AD+B | K10101112111110 | 30  | 8  | 50  | 28 | M8  | 1        | 2100 |
| BT30WN10050AD+B | K10101113111110 | 30  | 10 | 50  | 35 | M10 | 1        | 1950 |
| BT30WN12055AD+B | K10101114115110 | 30  | 12 | 55  | 42 | M12 | 1        | 1950 |
| BT30WN14055AD+B | K10101258115110 | 30  | 12 | 55  | 42 | M12 | 1        | 1950 |
| BT30WN16063AD+B | K10101115119110 | 30  | 16 | 63  | 48 | M14 | 1        | 2100 |
| BT30WN18063AD+B | K10101259119110 | 30  | 12 | 63  | 42 | M12 | 1        | 1950 |
| BT30WN20070AD+B | K10101116125110 | 30  | 20 | 70  | 52 | M16 | 1        | 2100 |
| BT40WN06050AD+B | K10102111111112 | 40  | 6  | 50  | 25 | M6  | 1        | 2450 |
| BT40WN06100AD+B | K10102111148112 | 40  | 6  | 100 | 25 | M6  | 1        | 2940 |
| BT40WN06130AD+B | K10102111165112 | 40  | 6  | 130 | 25 | M6  | 1        | 5390 |
| BT40WN06160AD+B | K10102111175112 | 40  | 6  | 160 | 25 | M6  | 1        | 5390 |
| BT40WN06200AD+B | K10102111239112 | 40  | 6  | 200 | 25 | M6  | 1        | 9100 |
| BT40WN08050AD+B | K10102112111112 | 40  | 8  | 50  | 28 | M8  | 1        | 2310 |
| BT40WN08100AD+B | K10102112148112 | 40  | 8  | 100 | 28 | M8  | 1        | 2730 |
| BT40WN08130AD+B | K10102112165112 | 40  | 8  | 130 | 28 | M8  | 1        | 5180 |
| BT40WN08160AD+B | K10102112175112 | 40  | 8  | 160 | 28 | M8  | 1        | 5180 |
| BT40WN08200AD+B | K10102112239112 | 40  | 8  | 200 | 28 | M8  | 1        | 8680 |
| BT40WN10063AD+B | K10102113119112 | 40  | 10 | 63  | 35 | M10 | 1        | 2310 |
| BT40WN10100AD+B | K10102113148112 | 40  | 10 | 100 | 35 | M10 | 1        | 2730 |
| BT40WN10130AD+B | K10102113165112 | 40  | 10 | 130 | 35 | M10 | 1        | 5180 |
| BT40WN10160AD+B | K10102113175112 | 40  | 10 | 160 | 35 | M10 | 1        | 5180 |
| BT40WN10200AD+B | K10102113239112 | 40  | 10 | 200 | 35 | M10 | 1        | 8680 |
| BT40WN12063AD+B | K10102114119112 | 40  | 12 | 63  | 42 | M12 | 1        | 2310 |
| BT40WN12100AD+B | K10102114148112 | 40  | 12 | 100 | 42 | M12 | 1        | 2730 |
| BT40WN12130AD+B | K10102114165112 | 40  | 12 | 130 | 42 | M12 | 1        | 5180 |
| BT40WN12160AD+B | K10102114175112 | 40  | 12 | 160 | 42 | M12 | 1        | 5180 |
| BT40WN12200AD+B | K10102114239112 | 40  | 12 | 200 | 42 | M12 | 1        | 8680 |
| BT40WN14063AD+B | K10102258119112 | 40  | 14 | 63  | 44 | M12 | 1        | 2310 |
| BT40WN14100AD+B | K10102258148112 | 40  | 14 | 100 | 44 | M12 | 1        | 2730 |
| BT40WN14130AD+B | K10102258165112 | 40  | 14 | 130 | 44 | M12 | 1        | 5180 |
| BT40WN14160AD+B | K10102258175112 | 40  | 14 | 160 | 44 | M12 | 1        | 5180 |
| BT40WN14200AD+B | K10102258239112 | 40  | 14 | 200 | 44 | M12 | 1        | 8680 |
| BT40WN16063AD+B | K10102115119112 | 40  | 16 | 63  | 48 | M14 | 1        | 2310 |
| BT40WN16100AD+B | K10102115148112 | 40  | 16 | 100 | 48 | M14 | 1        | 5180 |
| BT40WN16130AD+B | K10102115165112 | 40  | 16 | 130 | 48 | M14 | 1        | 5180 |
| BT40WN16160AD+B | K10102115175112 | 40  | 16 | 160 | 48 | M14 | 1        | 5180 |
| BT40WN16200AD+B | K10102115239112 | 40  | 16 | 200 | 48 | M14 | 1        | 8680 |
| BT40WN18063AD+B | K10102259119112 | 40  | 18 | 63  | 50 | M14 | 1        | 2310 |

Ordering Example :- BT30WN06050AD = 2 Nos.





## BT MAS 403 - ' SILVER ' SERIES

| Item Name       | Item Code       | ISO | D  | L   | D1 | L1      | Quantity | INR   |
|-----------------|-----------------|-----|----|-----|----|---------|----------|-------|
| BT40WN18100AD+B | K10102259148112 | 40  | 18 | 100 | 50 | M14     | 1        | 2730  |
| BT40WN18130AD+B | K10102259165112 | 40  | 18 | 130 | 50 | M14     | 1        | 5180  |
| BT40WN18160AD+B | K10102259175112 | 40  | 18 | 160 | 50 | M14     | 1        | 5180  |
| BT40WN18200AD+B | K10102259239112 | 40  | 18 | 200 | 50 | M14     | 1        | 8680  |
| BT40WN20063AD+B | K10102116119112 | 40  | 20 | 63  | 52 | M16     | 1        | 2310  |
| BT40WN20100AD+B | K10102116148112 | 40  | 20 | 100 | 52 | M16     | 1        | 2730  |
| BT40WN20130AD+B | K10102116165112 | 40  | 20 | 130 | 52 | M16     | 1        | 5180  |
| BT40WN20160AD+B | K10102116175112 | 40  | 20 | 160 | 52 | M16     | 1        | 5180  |
| BT40WN20200AD+B | K10102116239112 | 40  | 20 | 200 | 52 | M16     | 1        | 8680  |
| BT40WN25090AD+B | K10102117140112 | 40  | 25 | 90  | 65 | M18 X 2 | 2        | 2590  |
| BT40WN25130AD+B | K10102117165112 | 40  | 25 | 130 | 65 | M18 X 2 | 2        | 5600  |
| BT40WN25160AD+B | K10102117175112 | 40  | 25 | 160 | 65 | M18 X 2 | 2        | 6230  |
| BT40WN25200AD+B | K10102117239112 | 40  | 25 | 200 | 65 | M18 X 2 | 2        | 9450  |
| BT40WN32100AD+B | K10102118148112 | 40  | 32 | 100 | 72 | M20 X 2 | 2        | 2870  |
| BT40WN32130AD+B | K10102118165112 | 40  | 32 | 130 | 72 | M20 X 2 | 2        | 6090  |
| BT40WN32160AD+B | K10102118175112 | 40  | 32 | 160 | 72 | M20 X 2 | 2        | 6090  |
| BT40WN32200AD+B | K10102118239112 | 40  | 32 | 200 | 72 | M20 X 2 | 2        | 10500 |
| BT40WN40105AD+B | K10102119152112 | 40  | 40 | 105 | 80 | M20 X 2 | 2        | 3355  |
| BT40WN40130AD+B | K10102119165112 | 40  | 40 | 130 | 80 | M20 X 2 | 2        | 6300  |
| BT40WN40160AD+B | K10102119175112 | 40  | 40 | 160 | 80 | M20 X 2 | 2        | 6300  |
| BT50WN06063AD+B | K10103111119112 | 50  | 6  | 63  | 25 | M6      | 1        | 5175  |
| BT50WN06100AD+B | K10103111148112 | 50  | 6  | 100 | 25 | M6      | 1        | 6110  |
| BT50WN06130AD+B | K10103111165112 | 50  | 6  | 130 | 25 | M6      | 1        | 7430  |
| BT50WN06160AD+B | K10103111175112 | 50  | 6  | 160 | 25 | M6      | 1        | 7430  |
| BT50WN06200AD+B | K10103111239112 | 50  | 6  | 200 | 25 | M6      | 1        | 10153 |
| BT50WN08063AD+B | K10103112119112 | 50  | 8  | 63  | 28 | M8      | 1        | 5175  |
| BT50WN08100AD+B | K10103112148112 | 50  | 8  | 100 | 28 | M8      | 1        | 6110  |
| BT50WN08130AD+B | K10103112165112 | 50  | 8  | 130 | 28 | M8      | 1        | 7430  |
| BT50WN08160AD+B | K10103112175112 | 50  | 8  | 160 | 28 | M8      | 1        | 7430  |
| BT50WN08200AD+B | K10103112239112 | 50  | 8  | 200 | 28 | M8      | 1        | 10010 |
| BT50WN10070AD+B | K10103113125112 | 50  | 10 | 70  | 35 | M10     | 1        | 5020  |
| BT50WN10100AD+B | K10103113148112 | 50  | 10 | 100 | 35 | M10     | 1        | 6000  |
| BT50WN10130AD+B | K10103113165112 | 50  | 10 | 130 | 35 | M10     | 1        | 7210  |
| BT50WN10160AD+B | K10103113175112 | 50  | 10 | 160 | 35 | M10     | 1        | 7210  |
| BT50WN10200AD+B | K10103113239112 | 50  | 10 | 200 | 35 | M10     | 1        | 10010 |
| BT50WN12080AD+B | K10103114131112 | 50  | 12 | 80  | 42 | M12     | 1        | 4750  |
| BT50WN12100AD+B | K10103114148112 | 50  | 12 | 100 | 42 | M12     | 1        | 6000  |
| BT50WN12130AD+B | K10103114165112 | 50  | 12 | 130 | 42 | M12     | 1        | 7210  |
| BT50WN12160AD+B | K10103114175112 | 50  | 12 | 160 | 42 | M12     | 1        | 7210  |
| BT50WN12200AD+B | K10103114239112 | 50  | 12 | 200 | 42 | M12     | 1        | 10010 |
| BT50WN14080AD+B | K10103258131112 | 50  | 14 | 80  | 44 | M12     | 1        | 5020  |
| BT50WN14100AD+B | K10103258148112 | 50  | 14 | 100 | 44 | M12     | 1        | 6000  |
| BT50WN14130AD+B | K10103258165112 | 50  | 14 | 130 | 44 | M12     | 1        | 7210  |
| BT50WN14160AD+B | K10103258175112 | 50  | 14 | 160 | 44 | M12     | 1        | 7210  |
| BT50WN14200AD+B | K10103258239112 | 50  | 14 | 200 | 44 | M12     | 1        | 10010 |
| BT50WN16080AD+B | K10103115131112 | 50  | 16 | 80  | 48 | M14     | 1        | 5020  |
| BT50WN16100AD+B | K10103115148112 | 50  | 16 | 100 | 48 | M14     | 1        | 6000  |
| BT50WN16130AD+B | K10103115165112 | 50  | 16 | 130 | 48 | M14     | 1        | 7210  |
| BT50WN16160AD+B | K10103115175112 | 50  | 16 | 160 | 48 | M14     | 1        | 7210  |
| BT50WN16200AD+B | K10103115239112 | 50  | 16 | 200 | 48 | M14     | 1        | 10010 |
| BT50WN18080AD+B | K10103259131112 | 50  | 18 | 80  | 50 | M14     | 1        | 5020  |
| BT50WN18100AD+B | K10103259148112 | 50  | 18 | 100 | 50 | M14     | 1        | 6000  |
| BT50WN18130AD+B | K10103259165112 | 50  | 18 | 130 | 50 | M14     | 1        | 7210  |

Ordering Example :-BT40WN18100AD+B = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES

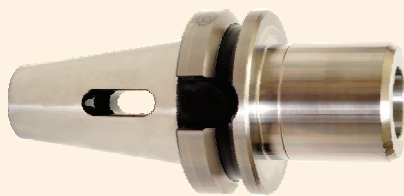


| Item Name       | Item Code       | ISO | D  | L   | D1  | L1      | Quantity | INR   |
|-----------------|-----------------|-----|----|-----|-----|---------|----------|-------|
| BT50WN18160AD+B | K10103259175112 | 50  | 18 | 160 | 50  | M14     | 1        | 7210  |
| BT50WN18200AD+B | K10103259239112 | 50  | 18 | 200 | 50  | M14     | 1        | 10010 |
| BT50WN20080AD+B | K10103116131112 | 50  | 20 | 80  | 52  | M16     | 1        | 5020  |
| BT50WN20100AD+B | K10103116148112 | 50  | 20 | 100 | 52  | M16     | 1        | 6000  |
| BT50WN20130AD+B | K10103116165112 | 50  | 20 | 130 | 52  | M16     | 1        | 7210  |
| BT50WN20160AD+B | K10103116175112 | 50  | 20 | 160 | 52  | M16     | 1        | 7210  |
| BT50WN20200AD+B | K10103116239112 | 50  | 20 | 200 | 52  | M16     | 1        | 10010 |
| BT50WN25100AD+B | K10103117148112 | 50  | 25 | 100 | 65  | M18 X 2 | 2        | 5230  |
| BT50WN25130AD+B | K10103117165112 | 50  | 25 | 130 | 65  | M18 X 2 | 2        | 7430  |
| BT50WN25160AD+B | K10103117175112 | 50  | 25 | 160 | 65  | M18 X 2 | 2        | 7430  |
| BT50WN32105AD+B | K10103118152112 | 50  | 32 | 105 | 72  | M20 X 2 | 2        | 5450  |
| BT50WN32130AD+B | K10103118165112 | 50  | 32 | 130 | 72  | M20 X 2 | 2        | 7540  |
| BT50WN32160AD+B | K10103118175112 | 50  | 32 | 160 | 72  | M20 X 2 | 2        | 7540  |
| BT50WN40115AD+B | K10103119159112 | 50  | 40 | 115 | 80  | M20 X 2 | 2        | 5450  |
| BT50WN40160AD+B | K10103119175112 | 50  | 40 | 160 | 80  | M20 X 2 | 2        | 8365  |
| BT50WN50125AD+B | K10103120164112 | 50  | 50 | 125 | 100 | M24 X 2 | 2        | 6440  |

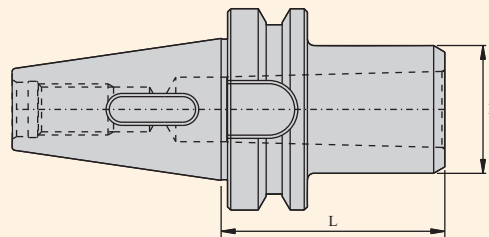
Ordering Example :-BT50WN18080AD+B = 2 Nos.

### MORSE TAPER ADAPTORS DIN 6383 (MT)

Taper Angle Class AT3 Maximum runout of the internal taper in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm



| Item Name   | Item Code       | ISO | MORSE | D  | L   | INR  |
|-------------|-----------------|-----|-------|----|-----|------|
| BT30MT01050 | K10101447111122 | 30  | 1     | 25 | 50  | 2375 |
| BT30MT02060 | K10101448117122 | 30  | 2     | 32 | 60  | 2375 |
| BT30MT03075 | K10101449127122 | 30  | 3     | 40 | 75  | 2375 |
| BT40MT01050 | K10102447111122 | 40  | 1     | 25 | 50  | 2375 |
| BT40MT01115 | K10102447159122 | 40  | 1     | 25 | 115 | 2790 |
| BT40MT02050 | K10102448111122 | 40  | 2     | 32 | 50  | 2375 |
| BT40MT02125 | K10102448164122 | 40  | 2     | 32 | 125 | 2650 |
| BT40MT03070 | K10102449125122 | 40  | 3     | 40 | 70  | 2375 |
| BT40MT03140 | K10102449169122 | 40  | 3     | 40 | 140 | 2650 |
| BT40MT04095 | K10102451145122 | 40  | 4     | 48 | 95  | 2795 |
| BT50MT01050 | K10103447111122 | 50  | 1     | 25 | 50  | 4520 |
| BT50MT01120 | K10103447162122 | 50  | 1     | 25 | 120 | 4950 |
| BT50MT02060 | K10103448117122 | 50  | 2     | 32 | 60  | 4520 |
| BT50MT02140 | K10103448169122 | 50  | 2     | 32 | 140 | 5115 |
| BT50MT03065 | K10103449123122 | 50  | 3     | 40 | 65  | 4520 |
| BT50MT04095 | K10103451145122 | 50  | 4     | 48 | 95  | 4805 |
| BT50MT04180 | K10103451178122 | 50  | 4     | 48 | 180 | 5410 |
| BT50MT05105 | K10103450152122 | 50  | 5     | 63 | 105 | 5410 |
| BT50MT05220 | K10103450180122 | 50  | 5     | 63 | 220 | 6610 |

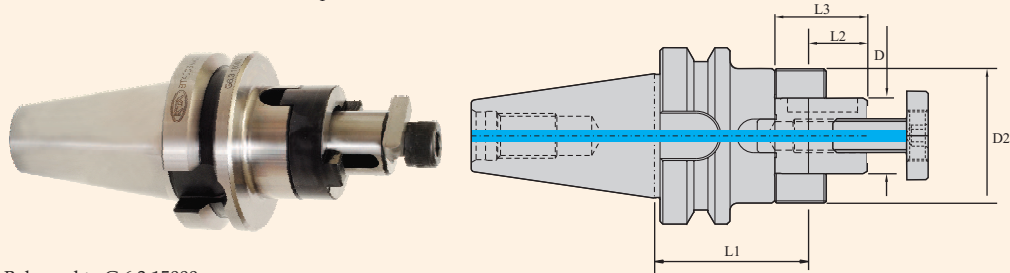
Ordering Example :- BT30MT01050 = 2 Nos.



## BT MAS 403 - ' SILVER ' SERIES

### COMBI SHELL MILL ADAPTOR DIN 6358 (CSMA) AD

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm

| Item Name       | Item Code       | ISO | D  | L1  | L2 | L3 | D2 | INR  |
|-----------------|-----------------|-----|----|-----|----|----|----|------|
| BT30CSMA16050AD | K10101121111110 | 30  | 16 | 50  | 17 | 27 | 32 | 2245 |
| BT30CSMA22050AD | K10101122111110 | 30  | 22 | 50  | 19 | 31 | 40 | 2245 |
| BT30CSMA27055AD | K10101123115110 | 30  | 27 | 55  | 21 | 33 | 48 | 2375 |
| BT40CSMA16055AD | K10102121115110 | 40  | 16 | 55  | 17 | 27 | 32 | 2520 |
| BT40CSMA16100AD | K10102121148110 | 40  | 16 | 100 | 17 | 27 | 32 | 2950 |
| BT40CSMA16160AD | K10102121175110 | 40  | 16 | 160 | 17 | 27 | 32 | 3640 |
| BT40CSMA22055AD | K10102122115110 | 40  | 22 | 55  | 19 | 31 | 40 | 2520 |
| BT40CSMA22100AD | K10102122148110 | 40  | 22 | 100 | 19 | 31 | 40 | 2950 |
| BT40CSMA22160AD | K10102122175110 | 40  | 22 | 160 | 19 | 31 | 40 | 3640 |
| BT40CSMA27055AD | K10102123115110 | 40  | 27 | 55  | 21 | 33 | 48 | 2650 |
| BT40CSMA27100AD | K10102123148110 | 40  | 27 | 100 | 21 | 33 | 48 | 3080 |
| BT40CSMA27160AD | K10102123175110 | 40  | 27 | 160 | 21 | 33 | 48 | 3740 |
| BT40CSMA32060AD | K10102124117110 | 40  | 32 | 60  | 24 | 38 | 58 | 2795 |
| BT40CSMA32100AD | K10102124148110 | 40  | 32 | 100 | 24 | 38 | 58 | 3225 |
| BT40CSMA32160AD | K10102124175110 | 40  | 32 | 160 | 24 | 38 | 58 | 3930 |
| BT40CSMA40060AD | K10102125117110 | 40  | 40 | 60  | 27 | 41 | 70 | 2950 |
| BT40CSMA40100AD | K10102125148110 | 40  | 40 | 100 | 27 | 41 | 70 | 3365 |
| BT40CSMA40160AD | K10102125175110 | 40  | 40 | 160 | 27 | 41 | 70 | 4060 |
| BT50CSMA16070AD | K10103121125110 | 50  | 16 | 70  | 17 | 27 | 32 | 5415 |
| BT50CSMA16100AD | K10103121148110 | 50  | 16 | 100 | 17 | 27 | 32 | 5415 |
| BT50CSMA16160AD | K10103121175110 | 50  | 16 | 160 | 17 | 27 | 32 | 6085 |
| BT50CSMA22070AD | K10103122125110 | 50  | 22 | 70  | 19 | 31 | 40 | 5415 |
| BT50CSMA22100AD | K10103122148110 | 50  | 22 | 100 | 19 | 31 | 40 | 5415 |
| BT50CSMA22160AD | K10103122175110 | 50  | 22 | 160 | 19 | 31 | 40 | 6085 |
| BT50CSMA27070AD | K10103123125110 | 50  | 27 | 70  | 21 | 33 | 48 | 5415 |
| BT50CSMA27100AD | K10103123148110 | 50  | 27 | 100 | 21 | 33 | 48 | 5415 |
| BT50CSMA27160AD | K10103123175110 | 50  | 27 | 160 | 21 | 33 | 48 | 6085 |
| BT50CSMA32070AD | K10103124125110 | 50  | 32 | 70  | 24 | 38 | 58 | 5415 |
| BT50CSMA32100AD | K10103124148110 | 50  | 32 | 100 | 24 | 38 | 58 | 5415 |
| BT50CSMA32160AD | K10103124175110 | 50  | 32 | 160 | 24 | 38 | 58 | 6085 |
| BT50CSMA40070AD | K10103125125110 | 50  | 40 | 70  | 27 | 41 | 70 | 5415 |
| BT50CSMA40100AD | K10103125148110 | 50  | 40 | 100 | 27 | 41 | 70 | 5415 |
| BT50CSMA40160AD | K10103125175110 | 50  | 40 | 160 | 27 | 41 | 70 | 6085 |

| Driver Ring | Screw | Key | D  | Driver Ring | Screw | Key W X L   |
|-------------|-------|-----|----|-------------|-------|-------------|
|             |       |     | 16 | DR16 X 10   | M8    | KEY 4 X 20  |
|             |       |     | 22 | DR22 X 12   | M10   | KEY 6 X 25  |
|             |       |     | 27 | DR27 X 12   | M12   | KEY 7 X 25  |
|             |       |     | 32 | DR32 X 14   | M16   | KEY 8 X 30  |
|             |       |     | 40 | DR40 X 14   | M20   | KEY 10 X 30 |

Ordering Example :-BT30CSMA16050AD = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES

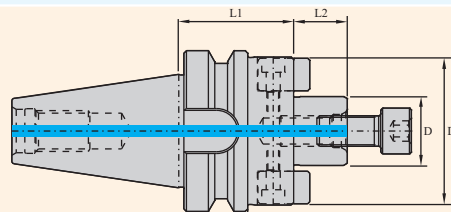


### FACE MILL HOLDER (FMH) AD

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm



| Item Name                    | Item Code       | ISO | D  | L1  | L2 | D2  | INR   |
|------------------------------|-----------------|-----|----|-----|----|-----|-------|
| BT30FMH16035AD               | K10101131104110 | 30  | 16 | 35  | 17 | 38  | 2160  |
| BT30FMH22040AD               | K10101132106110 | 30  | 22 | 40  | 19 | 48  | 2160  |
| BT30FMH27040AD               | K10101133106110 | 30  | 27 | 40  | 21 | 58  | 2300  |
| BT40FMH16040AD               | K10102126106110 | 40  | 16 | 40  | 17 | 38  | 2420  |
| BT40FMH16100AD               | K10102126148110 | 40  | 16 | 100 | 17 | 38  | 2830  |
| BT40FMH16160AD               | K10102126175110 | 40  | 16 | 160 | 17 | 38  | 3640  |
| BT40FMH16200AD               | K10102126239110 | 40  | 16 | 200 | 17 | 38  | 5660  |
| BT40FMH22040AD               | K10102127106110 | 40  | 22 | 40  | 19 | 48  | 2420  |
| BT40FMH22100AD               | K10102127148110 | 40  | 22 | 100 | 19 | 48  | 2830  |
| BT40FMH22160AD               | K10102127175110 | 40  | 22 | 160 | 19 | 48  | 3640  |
| BT40FMH22200AD               | K10102127239110 | 40  | 22 | 200 | 19 | 48  | 5660  |
| BT40FMH27045AD               | K10102128108110 | 40  | 27 | 45  | 21 | 58  | 2565  |
| BT40FMH27100AD               | K10102128148110 | 40  | 27 | 100 | 21 | 58  | 2970  |
| BT40FMH27160AD               | K10102128175110 | 40  | 27 | 160 | 21 | 58  | 3740  |
| BT40FMH27200AD               | K10102128239110 | 40  | 27 | 200 | 21 | 58  | 5940  |
| BT40FMH32050AD               | K10102129111110 | 40  | 32 | 50  | 24 | 78  | 2705  |
| BT40FMH32100AD               | K10102129148110 | 40  | 32 | 100 | 24 | 78  | 3335  |
| BT40FMH32160AD               | K10102129175110 | 40  | 32 | 160 | 24 | 78  | 3930  |
| BT40FMH32200AD               | K10102129239110 | 40  | 32 | 200 | 24 | 78  | 6670  |
| BT40FMH40050AD WITH PCD HOLE | K10102130111110 | 40  | 40 | 50  | 27 | 88  | 5510  |
| BT40FMH40100AD WITH PCD HOLE | K10102130148110 | 40  | 40 | 100 | 27 | 88  | 7185  |
| BT40FMH40160AD WITH PCD HOLE | K10102130175110 | 40  | 40 | 160 | 27 | 88  | 8580  |
| BT40FMH40200AD WITH PCD HOLE | K10102130239110 | 40  | 40 | 200 | 27 | 88  | 11180 |
| BT50FMH16055AD               | K10103126115110 | 50  | 16 | 55  | 17 | 38  | 5225  |
| BT50FMH16100AD               | K10103126148110 | 50  | 16 | 100 | 17 | 38  | 5830  |
| BT50FMH16160AD               | K10103126175110 | 50  | 16 | 160 | 17 | 38  | 6490  |
| BT50FMH22055AD               | K10103127115110 | 50  | 22 | 55  | 19 | 48  | 5225  |
| BT50FMH22060AD               | K10103127117110 | 50  | 22 | 100 | 19 | 48  | 5225  |
| BT50FMH22100AD               | K10103127148110 | 50  | 22 | 160 | 19 | 48  | 5830  |
| BT50FMH27160AD               | K10103127175110 | 50  | 27 | 55  | 21 | 58  | 6490  |
| BT50FMH27055AD               | K10103128115110 | 50  | 27 | 55  | 21 | 58  | 5225  |
| BT50FMH27100AD               | K10103128148110 | 50  | 27 | 100 | 21 | 58  | 5830  |
| BT50FMH27160AD               | K10103128175110 | 50  | 27 | 160 | 21 | 58  | 6490  |
| BT50FMH32060AD               | K10103129117110 | 50  | 32 | 60  | 24 | 78  | 5225  |
| BT50FMH32100AD               | K10103129148110 | 50  | 32 | 100 | 24 | 78  | 5830  |
| BT50FMH32160AD               | K10103129175110 | 50  | 32 | 160 | 24 | 78  | 6490  |
| BT50FMH40060AD WITH PCD HOLE | K10103130117110 | 50  | 40 | 60  | 27 | 88  | 6985  |
| BT50FMH40100AD WITH PCD HOLE | K10103130148110 | 50  | 40 | 100 | 27 | 88  | 9130  |
| BT50FMH40160AD WITH PCD HOLE | K10103130175110 | 50  | 40 | 160 | 27 | 88  | 10450 |
| BT50FMH60075AD WITH PCD HOLE | K10103260127110 | 50  | 60 | 75  | 30 | 130 | 13200 |

| Screw | Tenon | Allen Cap Screw | D  | Screw | Tenon | Allen Cap Screw for Tenon |
|-------|-------|-----------------|----|-------|-------|---------------------------|
|       |       |                 | 16 | M 8   | 8     | M3                        |
|       |       |                 | 22 | M10   | 10    | M4                        |
|       |       |                 | 27 | M12   | 12    | M5                        |
|       |       |                 | 32 | M16   | 14    | M6                        |
|       |       |                 | 40 | M20   | 16    | M6                        |
|       |       |                 | 60 | -     | 25    | M8                        |

Ordering Example :- BT30FMH16035AD = 2 Nos.



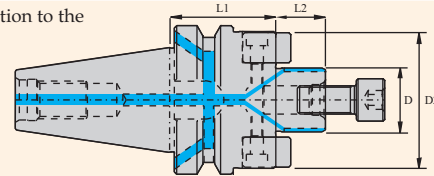
## BT MAS 403 - ' SILVER ' SERIES

### FACE MILL HOLDER TENNON DRIVER (THROUGH COOLANT) DIN 6357 (FMH-K) AD+B

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm



| Item Name                        | Item Code        | ISO | D  | L1  | L2 | D2  | INR   |
|----------------------------------|------------------|-----|----|-----|----|-----|-------|
| BT40FMH-K16040AD+B               | K10102131106112  | 40  | 16 | 40  | 17 | 38  | 2970  |
| BT40FMH-K16045AD+B               | K10102131108112  | 40  | 16 | 45  | 17 | 38  | 2970  |
| BT40FMH-K16060AD+B               | K10102131117112  | 40  | 16 | 60  | 17 | 38  | 2970  |
| BT40FMH-K16100AD+B               | K10102131148112  | 40  | 16 | 100 | 17 | 38  | 3377  |
| BT40FMH-K16160AD+B               | K10102131175112  | 40  | 16 | 160 | 17 | 38  | 4191  |
| BT40FMH-K16200AD+B               | K101021321239112 | 40  | 16 | 200 | 17 | 38  | 6754  |
| BT40FMH-K22040AD+B               | K10102132106112  | 40  | 22 | 40  | 19 | 48  | 2970  |
| BT40FMH-K22045AD+B               | K10102132108112  | 40  | 22 | 45  | 19 | 48  | 2970  |
| BT40FMH-K22100AD+B               | K10102132148112  | 40  | 22 | 100 | 19 | 48  | 3377  |
| BT40FMH-K22160AD+B               | K10102132175112  | 40  | 22 | 160 | 19 | 48  | 4191  |
| BT40FMH-K22200AD+B               | K10102132239112  | 40  | 22 | 200 | 19 | 48  | 6754  |
| BT40FMH-K27045AD+B               | K10102133108112  | 40  | 27 | 45  | 21 | 58  | 3225  |
| BT40FMH-K27100AD+B               | K10102133148112  | 40  | 27 | 100 | 21 | 58  | 3630  |
| BT40FMH-K27160AD+B               | K10102133175112  | 40  | 27 | 160 | 21 | 58  | 4400  |
| BT40FMH-K27200AD+B               | K10102133239112  | 40  | 27 | 200 | 21 | 58  | 7260  |
| BT40FMH-K32050AD+B               | K10102134111112  | 40  | 32 | 50  | 24 | 78  | 3225  |
| BT40FMH-K32100AD+B               | K10102134148112  | 40  | 32 | 100 | 24 | 78  | 3630  |
| BT40FMH-K32160AD+B               | K10102134175112  | 40  | 32 | 160 | 24 | 78  | 4400  |
| BT40FMH-K32200AD+B               | K10102134239112  | 40  | 32 | 200 | 24 | 78  | 14000 |
| BT40FMH-K40050AD+B WITH PCD HOLE | K10102135111112  | 40  | 40 | 50  | 27 | 88  | 6390  |
| BT40FMH-K40100AD+B WITH PCD HOLE | K10102135148112  | 40  | 40 | 100 | 27 | 88  | 7920  |
| BT40FMH-K40160AD+B WITH PCD HOLE | K10102135175112  | 40  | 40 | 160 | 27 | 88  | 9350  |
| BT50FMH-K16055AD+B               | K10103131117112  | 50  | 16 | 55  | 17 | 38  | 5830  |
| BT50FMH-K16100AD+B               | K10103131148112  | 50  | 16 | 100 | 17 | 38  | 6380  |
| BT50FMH-K16160AD+B               | K10103131175112  | 50  | 16 | 160 | 17 | 38  | 7150  |
| BT50FMH-K22055AD+B               | K10103132117112  | 50  | 22 | 55  | 19 | 48  | 5830  |
| BT50FMH-K22100AD+B               | K10103132148112  | 50  | 22 | 100 | 19 | 48  | 6380  |
| BT50FMH-K22160AD+B               | K10103132175112  | 50  | 22 | 160 | 19 | 48  | 7150  |
| BT50FMH-K27055AD+B               | K10103133117112  | 50  | 27 | 55  | 21 | 58  | 5830  |
| BT50FMH-K27100AD+B               | K10103133148112  | 50  | 27 | 100 | 21 | 58  | 6380  |
| BT50FMH-K27160AD+B               | K10103133175112  | 50  | 27 | 160 | 21 | 58  | 7150  |
| BT50FMH-K32060AD+B               | K10103134117112  | 50  | 32 | 60  | 24 | 78  | 5830  |
| BT50FMH-K32100AD+B               | K10103134148112  | 50  | 32 | 100 | 24 | 78  | 6380  |
| BT50FMH-K32160AD+B               | K10103134175112  | 50  | 32 | 160 | 24 | 78  | 7150  |
| BT50FMH-K40060AD+B WITH PCD HOLE | K10103135117112  | 50  | 40 | 60  | 27 | 88  | 7700  |
| BT50FMH-K40100AD+B WITH PCD HOLE | K10103135148112  | 50  | 40 | 100 | 27 | 88  | 9680  |
| BT50FMH-K40160AD+B WITH PCD HOLE | K10103135175112  | 50  | 40 | 160 | 27 | 88  | 11220 |
| BT50FMH-K60075AD+B WITH PCD HOLE | K10103136127112  | 50  | 60 | 75  | 30 | 130 | 13200 |

| Screw | Tennon | Allen Cap Screw | D  | Screw | Tennon | Allen Cap Screw for Tennon |
|-------|--------|-----------------|----|-------|--------|----------------------------|
|       |        |                 | 16 | M 8   | 8      | M3                         |
|       |        |                 | 22 | M10   | 10     | M4                         |
|       |        |                 | 27 | M12   | 12     | M5                         |
|       |        |                 | 32 | M16   | 14     | M6                         |
|       |        |                 | 40 | M20   | 16     | M6                         |
|       |        |                 | 60 | -     | 25     | M8                         |

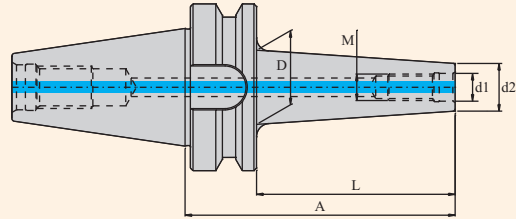
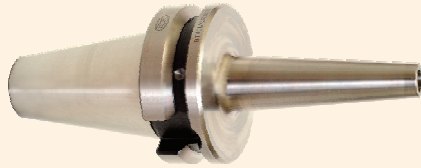
Ordering Example :-BT30FMH-K16035AD+B = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



### MILLING CUTTER ARBOR FOR SCREW -ON TYPE MILLING CUTTER (MCA)

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 2.5 20000 rpm

| Item Name      | Item Code       | M  | d1   | d2 | D  | L   | A   | INR  |
|----------------|-----------------|----|------|----|----|-----|-----|------|
| BT40MCA06025AD | K10102137101129 | 6  | 6.5  | 10 | 13 | 25  | 52  | 2530 |
| BT40MCA06050AD | K10102137111129 | 6  | 6.5  | 10 | 20 | 50  | 77  | 2860 |
| BT40MCA06075AD | K10102137127129 | 6  | 6.5  | 10 | 23 | 75  | 102 | 3190 |
| BT40MCA08025AD | K10102138101129 | 8  | 8.5  | 13 | 15 | 25  | 52  | 2530 |
| BT40MCA08050AD | K10102138111129 | 8  | 8.5  | 13 | 23 | 50  | 77  | 2860 |
| BT40MCA08075AD | K10102138127129 | 8  | 8.5  | 13 | 23 | 75  | 102 | 3190 |
| BT40MCA08100AD | K10102138148129 | 8  | 8.5  | 13 | 25 | 100 | 127 | 3630 |
| BT40MCA10025AD | K10102139101129 | 10 | 10.5 | 18 | 20 | 25  | 52  | 2530 |
| BT40MCA10050AD | K10102139111129 | 10 | 10.5 | 18 | 23 | 50  | 77  | 2860 |
| BT40MCA10075AD | K10102139127129 | 10 | 10.5 | 18 | 28 | 75  | 102 | 3190 |
| BT40MCA10100AD | K10102139148129 | 10 | 10.5 | 18 | 32 | 100 | 127 | 3740 |
| BT40MCA12025AD | K10102140101129 | 12 | 12.5 | 21 | 24 | 25  | 52  | 2530 |
| BT40MCA12075AD | K10102140127129 | 12 | 12.5 | 21 | 31 | 75  | 102 | 3190 |
| BT40MCA12125AD | K10102140164129 | 12 | 12.5 | 21 | 36 | 125 | 152 | 4180 |
| BT40MCA16025AD | K10102141101129 | 16 | 17   | 29 | 29 | 25  | 52  | 2970 |
| BT40MCA16075AD | K10102141127129 | 16 | 17   | 29 | 34 | 75  | 102 | 3190 |
| BT40MCA16125AD | K10102141164129 | 16 | 17   | 29 | 40 | 125 | 152 | 4290 |
| BT50MCA08050AD | K10103138111129 | 8  | 8.5  | 13 | 23 | 50  | 88  | 4125 |
| BT50MCA08100AD | K10103138148129 | 8  | 8.5  | 13 | 25 | 100 | 138 | 5060 |
| BT50MCA08150AD | K10103138173129 | 8  | 8.5  | 13 | 30 | 150 | 188 | 5940 |
| BT50MCA10050AD | K10103139111129 | 10 | 10.5 | 18 | 23 | 50  | 88  | 4125 |
| BT50MCA10100AD | K10103139148129 | 10 | 10.5 | 18 | 32 | 100 | 138 | 5060 |
| BT50MCA10150AD | K10103139173129 | 10 | 10.5 | 18 | 38 | 150 | 188 | 5940 |
| BT50MCA12050AD | K10103140111129 | 12 | 12.5 | 21 | 24 | 50  | 88  | 4125 |
| BT50MCA12100AD | K10103140148129 | 12 | 12.5 | 21 | 31 | 100 | 138 | 5060 |
| BT50MCA12150AD | K10103140173129 | 12 | 12.5 | 21 | 41 | 150 | 188 | 5940 |
| BT50MCA16050AD | K10103141111129 | 16 | 17   | 29 | 34 | 50  | 88  | 4125 |
| BT50MCA16100AD | K10103141148129 | 16 | 17   | 29 | 41 | 100 | 138 | 5060 |
| BT50MCA16150AD | K10103141173129 | 16 | 17   | 29 | 50 | 150 | 188 | 5940 |

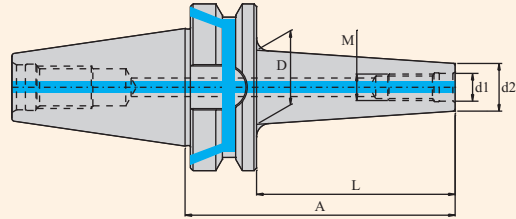
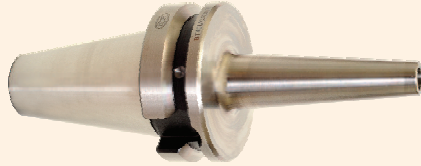
Ordering Example: BT40MCA06025AD = 2 nos.



## BT MAS 403 - ' SILVER ' SERIES

### MILLING CUTTER ARBOR FOR SCREW -ON TYPE MILLING CUTTER (MCA) AD+B

Taper Angle Class AT3 Maximum runout of the internal ID in relation to the external taper 0.005 mm



Balanced to G 2.5 20000 rpm

| Item Name           | Item Code       | M  | d1   | d2   | D  | L   | A   | INR |
|---------------------|-----------------|----|------|------|----|-----|-----|-----|
| BT40 MCA06 025 AD+B | K10102137101140 | 6  | 6.5  | 10   | 13 | 25  | 52  |     |
| BT40MCA06050AD+B    | K10102137111140 | 6  | 6.5  | 10   | 20 | 50  | 77  |     |
| BT40MCA06075AD+B    | K10102137127140 | 6  | 6.5  | 10   | 23 | 75  | 102 |     |
| BT40MCA08025AD+B    | K10102138101140 | 8  | 8.5  | 13   | 15 | 25  | 52  |     |
| BT40MCA08050AD+B    | K10102138111140 | 8  | 8.5  | 13   | 23 | 50  | 77  |     |
| BT40MCA08075AD+B    | K10102138127140 | 8  | 8.5  | 13   | 23 | 75  | 102 |     |
| BT40MCA08100AD+B    | K10102138148140 | 8  | 8.5  | 13   | 25 | 100 | 127 |     |
| BT40MCA10025AD+B    | K10102139101140 | 10 | 10.5 | 18   | 20 | 25  | 52  |     |
| BT40MCA10050AD+B    | K10102139111140 | 10 | 10.5 | 18   | 23 | 50  | 77  |     |
| BT40MCA10075AD+B    | K10102139127140 | 10 | 10.5 | 18   | 28 | 75  | 102 |     |
| BT40MCA10100AD+B    | K10102139148140 | 10 | 10.5 | 18   | 32 | 100 | 127 |     |
| BT40MCA12025AD+B    | K10102140101140 | 12 | 12.5 | 21   | 24 | 25  | 52  |     |
| BT40MCA12075AD+B    | K10102140127140 | 12 | 12   | 12.5 | 21 | 31  | 75  |     |
| BT40MCA12125AD+B    | K10102140164140 | 12 | 12.5 | 21   | 36 | 125 | 152 |     |
| BT40MCA16025AD+B    | K10102141101140 | 16 | 17   | 29   | 29 | 25  | 52  |     |
| BT40MCA16075AD+B    | K10102141127140 | 16 | 17   | 29   | 34 | 75  | 102 |     |
| BT40MCA16125AD+B    | K10102141164140 | 16 | 17   | 29   | 40 | 125 | 152 |     |
| BT50MCA08050AD+B    | K10103138111140 | 8  | 8.5  | 13   | 23 | 50  | 88  |     |
| BT50MCA08100AD+B    | K10103138148140 | 8  | 8.5  | 13   | 25 | 100 | 138 |     |
| BT50MCA08150AD+B    | K10103138173140 | 8  | 8.5  | 13   | 30 | 150 | 188 |     |
| BT50MCA10100AD+B    | K10103139148140 | 10 | 10.5 | 18   | 23 | 50  | 88  |     |
| BT50MCA10150AD+B    | K10103139173140 | 10 | 10.5 | 18   | 32 | 100 | 138 |     |
| BT50MCA10100AD+B    | K10103139148140 | 10 | 10   | 10.5 | 18 | 38  | 150 |     |
| BT50MCA12050AD+B    | K10103140111140 | 12 | 12.5 | 21   | 24 | 50  | 88  |     |
| BT50MCA12100AD+B    | K10103140148140 | 12 | 12.5 | 21   | 31 | 100 | 138 |     |
| BT50MCA12150AD+B    | K10103140173140 | 12 | 12.5 | 21   | 41 | 150 | 188 |     |
| BT50MCA16050AD+B    | K10103141111140 | 16 | 17   | 29   | 34 | 50  | 88  |     |
| BT50MCA16100AD+B    | K10103141148140 | 16 | 17   | 29   | 41 | 100 | 138 |     |
| BT50MCA16150AD+B    | K10103141173140 | 16 | 17   | 29   | 50 | 150 | 188 |     |

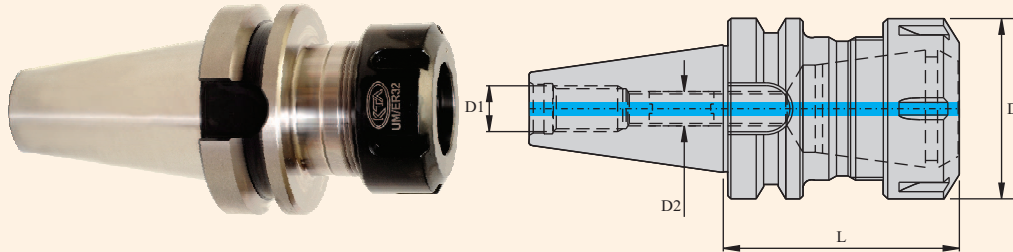
Ordering Example: BT40MCA06025AD = 2 nos.

## BT MAS 403 - ' SILVER ' SERIES



### COLLET CHUCKS FOR COLLETS DIN 6499 ER (AD)

Taper Angle Class AT3  
Maximum runout of the  
internal taper in relation  
to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm

| Item Name      | Item Code       | Suitable for Collet | Collet Clamping Capacity | L   | D1   | D2        | Nut |             | Spanner Designation | INR  |
|----------------|-----------------|---------------------|--------------------------|-----|------|-----------|-----|-------------|---------------------|------|
|                |                 |                     |                          |     |      |           | D   | Designation |                     |      |
| BT30ER16060AD  | K10101149117110 | ER 16               | 0.5 - 10                 | 60  | M 12 | M 10x1P   | 32  | UM/ER 16    | E 16                | 2290 |
| BT30ER16100AD  | K10101149148110 | ER 16               | 0.5 - 10                 | 100 | M 12 | M 10x1P   | 32  | UM/ER 16    | E 16                | 3050 |
| BT30ER20060AD  | K10101150117110 | ER 20               | 1.0 - 13                 | 60  | M 12 | M 10x1P   | 35  | UM/ER 20    | E 20                | 2290 |
| BT30ER20100AD  | K10101150148110 | ER 20               | 1.0 - 13                 | 100 | M 12 | M 10x1P   | 35  | UM/ER 20    | E 20                | 3050 |
| BT30ER25060AD  | K10101151117110 | ER 25               | 1.0 - 16                 | 60  | M 12 | M 18x1P   | 42  | UM/ER 25    | E 25                | 2290 |
| BT30ER25100AD  | K10101151148110 | ER 25               | 1.0 - 16                 | 100 | M 12 | M 18x1P   | 42  | UM/ER 25    | E 25                | 3050 |
| BT30ER32060AD  | K10101152117110 | ER 32               | 2.0 - 20                 | 60  | M 12 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 2290 |
| BT30ER32100AD  | K10101152148110 | ER 32               | 2.0 - 20                 | 100 | M 12 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 3050 |
| BT30ER40080AD  | K10101153131110 | ER 40               | 3.0 - 26                 | 80  | M 12 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 2540 |
| BT40ER16070AD  | K10102149125110 | ER 16               | 0.5 - 10                 | 70  | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 2410 |
| BT40ER16100AD  | K10102149148110 | ER 16               | 0.5 - 10                 | 100 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 3050 |
| BT40ER16130AD  | K10102149165110 | ER 16               | 0.5 - 10                 | 130 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 4190 |
| BT40ER16160AD  | K10102149175110 | ER 16               | 0.5 - 10                 | 160 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 4190 |
| BT40ER16200AD  | K10102149239110 | ER 16               | 0.5 - 10                 | 200 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 6100 |
| BT40ER 20070AD | K10102150125110 | ER 20               | 1.0 - 13                 | 70  | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 2410 |
| BT40ER 20100AD | K10102150148110 | ER 20               | 1.0 - 13                 | 100 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 3050 |
| BT40ER 20130AD | K10102150165110 | ER 20               | 1.0 - 13                 | 130 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 4190 |
| BT40ER 20160AD | K10102150175110 | ER 20               | 1.0 - 13                 | 160 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 4190 |
| BT40ER 20200AD | K10102150239110 | ER 20               | 1.0 - 13                 | 200 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 6100 |
| BT40ER 25070AD | K10102151125110 | ER 25               | 1.0 - 16                 | 70  | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 2410 |
| BT40ER 25100AD | K10102151148110 | ER 25               | 1.0 - 16                 | 100 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 3050 |
| BT40ER 25130AD | K10102151165110 | ER 25               | 1.0 - 16                 | 130 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 4200 |
| BT40ER 25160AD | K10102151175110 | ER 25               | 1.0 - 16                 | 160 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 4200 |
| BT40ER 25200AD | K10102151239110 | ER 25               | 1.0 - 16                 | 200 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 6100 |
| BT40ER 32070AD | K10102152125110 | ER 32               | 2.0 - 20                 | 70  | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 2540 |
| BT40ER 32100AD | K10102152148110 | ER 32               | 2.0 - 20                 | 100 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 3180 |
| BT40ER 32130AD | K10102152165110 | ER 32               | 2.0 - 20                 | 130 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 4320 |
| BT40ER 32160AD | K10102152175110 | ER 32               | 2.0 - 20                 | 160 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 4325 |
| BT40ER 32200AD | K10102152239110 | ER 32               | 2.0 - 20                 | 200 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 6360 |
| BT40ER 40070AD | K10102153125110 | ER 40               | 3.0 - 26                 | 70  | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 2675 |
| BT40ER 40100AD | K10102153148110 | ER 40               | 3.0 - 26                 | 100 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 3300 |
| BT40ER 40130AD | K10102153165110 | ER 40               | 3.0 - 26                 | 130 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 4440 |
| BT40ER 40160AD | K10102153175110 | ER 40               | 3.0 - 26                 | 160 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 4445 |
| BT40ER 40200AD | K10102153239110 | ER 40               | 3.0 - 26                 | 200 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 6600 |
| BT40ER 50100AD | K10102154148110 | ER 50               | 10.0 - 34                | 100 | M 16 | M 16x2P   | 78  | UM/ER 50    | E 50                | 4895 |

Ordering Example :-BT 40 ER 16070AD = 2 Nos.





## BT MAS 403 - ' SILVER ' SERIES

| Item Name      | Item Code       | Suitable for Collet | Collet Clamping Capacity | L   | D1   | D2        | Nut |             | Spanner Designation | INR   |
|----------------|-----------------|---------------------|--------------------------|-----|------|-----------|-----|-------------|---------------------|-------|
|                |                 |                     |                          |     |      |           | D   | Designation |                     |       |
| BT50ER 25080AD | K10103151131110 | ER 25               | 1.0 - 16                 | 80  | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 5410  |
| BT50ER 25100AD | K10103151148110 | ER 25               | 1.0 - 16                 | 100 | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 5410  |
| BT50ER 25160AD | K10103151175105 | ER 25               | 1.0 - 16                 | 160 | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 6765  |
| BT50ER 25200AD | K10103151239110 | ER 25               | 1.0 - 16                 | 160 | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 9785  |
| BT50ER 32080AD | K10103152131112 | ER 32               | 2.0 - 20                 | 80  | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 5410  |
| BT50ER 32100AD | K10103152148110 | ER 32               | 2.0 - 20                 | 100 | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 5410  |
| BT50ER 32160AD | K10103152175110 | ER 32               | 2.0 - 20                 | 160 | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 6765  |
| BT50ER 32200AD | K10103152239110 | ER 32               | 2.0 - 20                 | 160 | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 10296 |
| BT50ER 40080AD | K10103153131110 | ER 40               | 3.0 - 26                 | 80  | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 5600  |
| BT50ER 40100AD | K10103153148110 | ER 40               | 3.0 - 26                 | 100 | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 5600  |
| BT50ER 40160AD | K10103153175110 | ER 40               | 3.0 - 26                 | 160 | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 6765  |
| BT50ER 40200AD | K10103153239110 | ER 40               | 3.0 - 26                 | 160 | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 10720 |
| BT50ER 50100AD | K10103154148110 | ER 50               | 10.0 - 34                | 100 | M 24 | M 16x2P   | 78  | UM/ER 50    | E 50                | 6765  |
| BT50ER 50160AD | K10103154175110 | ER 50               | 10.0 - 34                | 160 | M 24 | M 16x2P   | 78  | UM/ER 50    | E 50                | 7500  |

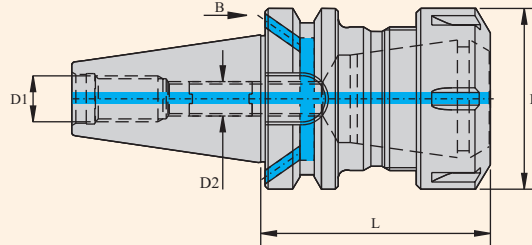
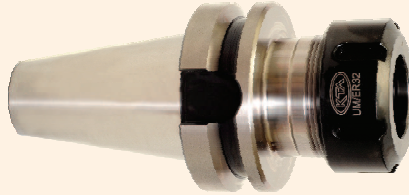
Ordering Example :-BT50ER 25080AD = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



### COLLET CHUCKS FOR COLLETS DIN 6499 ER (AD)+B

Taper Angle Class AT3 Maximum runout of the internal taper in relation to the external taper 0.005 mm



Balanced to G 6.3 15000 rpm

| Item Name        | Item Code       | Suitable for Collet | Collet Clamping Capacity | L   | D1   | D2        | Nut |             | Spanner Designation | INR   |
|------------------|-----------------|---------------------|--------------------------|-----|------|-----------|-----|-------------|---------------------|-------|
|                  |                 |                     |                          |     |      |           | D   | Designation |                     |       |
| BT40ER16070AD+B  | K10102149125112 | ER 16               | 0.5 - 10                 | 70  | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 2850  |
| BT40ER16100AD+B  | K10102149148112 | ER 16               | 0.5 - 10                 | 100 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 3490  |
| BT40ER16130AD+B  | K10102149165112 | ER 16               | 0.5 - 10                 | 130 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 4630  |
| BT40ER16160AD+B  | K10102149175112 | ER 16               | 0.5 - 10                 | 160 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 4630  |
| BT40ER16200AD+B  | K10102149239112 | ER 16               | 0.5 - 10                 | 200 | M 16 | M 10x1P   | 32  | UM/ER 16    | E 16                | 6840  |
| BT40ER 20070AD+B | K10102150125112 | ER 20               | 1.0 - 13                 | 70  | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 2850  |
| BT40ER 20100AD+B | K10102150148112 | ER 20               | 1.0 - 13                 | 100 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 3490  |
| BT40ER 20130AD+B | K10102150165112 | ER 20               | 1.0 - 13                 | 130 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 4630  |
| BT40ER 20160AD+B | K10102150175112 | ER 20               | 1.0 - 13                 | 160 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 4630  |
| BT40ER 20200AD+B | K10102150239112 | ER 20               | 1.0 - 13                 | 200 | M 16 | M 10x1P   | 35  | UM/ER 20    | E 20                | 6540  |
| BT40ER 25070AD+B | K10102151125112 | ER 25               | 1.0 - 16                 | 70  | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 2850  |
| BT40ER 25100AD+B | K10102151148112 | ER 25               | 1.0 - 16                 | 100 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 3490  |
| BT40ER 25130AD+B | K10102151165112 | ER 25               | 1.0 - 16                 | 130 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 4640  |
| BT40ER 25160AD+B | K10102151175112 | ER 25               | 1.0 - 16                 | 160 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 4640  |
| BT40ER 25200AD+B | K10102151239112 | ER 25               | 1.0 - 16                 | 200 | M 16 | M 18x1P   | 42  | UM/ER 25    | E 25                | 6540  |
| BT40ER 32070AD+B | K10102152125112 | ER 32               | 2.0 - 20                 | 70  | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 2980  |
| BT40ER 32100AD+B | K10102152148112 | ER 32               | 2.0 - 20                 | 100 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 3620  |
| BT40ER 32130AD+B | K10102152165112 | ER 32               | 2.0 - 20                 | 130 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 4760  |
| BT40ER 32160AD+B | K10102152175112 | ER 32               | 2.0 - 20                 | 160 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 4760  |
| BT40ER 32200AD+B | K10102152239112 | ER 32               | 2.0 - 20                 | 200 | M 16 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 6800  |
| BT40ER 40070AD+B | K10102153125112 | ER 40               | 3.0 - 26                 | 70  | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 3110  |
| BT40ER 40100AD+B | K10102153148112 | ER 40               | 3.0 - 26                 | 100 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 3740  |
| BT40ER 40130AD+B | K10102153165112 | ER 40               | 3.0 - 26                 | 130 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 4880  |
| BT40ER 40160AD+B | K10102153175112 | ER 40               | 3.0 - 26                 | 160 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 4885  |
| BT40ER 40200AD+B | K10102153239112 | ER 40               | 3.0 - 26                 | 200 | M 16 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 7040  |
| BT40ER 50100AD+B | K10102154148112 | ER 50               | 10.0 - 34                | 100 | M 16 | M 16x2P   | 78  | UM/ER 50    | E 50                | 5335  |
| BT50ER 25080AD+B | K10103151131112 | ER 25               | 1.0 - 16                 | 80  | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 5850  |
| BT50ER 25100AD+B | K10103151148112 | ER 25               | 1.0 - 16                 | 100 | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 5850  |
| BT50ER 25160AD+B | K10103151175112 | ER 25               | 1.0 - 16                 | 160 | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 7205  |
| BT50ER 25200AD+B | K10103151239112 | ER 25               | 1.0 - 16                 | 160 | M 24 | M 18x1P   | 42  | UM/ER 25    | E 25                | 10285 |
| BT50ER 32080AD+B | K10103152131112 | ER 32               | 2.0 - 20                 | 80  | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 5850  |
| BT50ER 32100AD+B | K10103152148112 | ER 32               | 2.0 - 20                 | 100 | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 5850  |
| BT50ER 32160AD+B | K10103152175112 | ER 32               | 2.0 - 20                 | 160 | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 7205  |
| BT50ER 32200AD+B | K10103152239112 | ER 32               | 2.0 - 20                 | 160 | M 24 | M 22x1.5P | 50  | UM/ER 32    | E 32                | 10796 |
| BT50ER 40080AD+B | K10103153131112 | ER 40               | 3.0 - 26                 | 80  | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 6040  |
| BT50ER 40100AD+B | K10103153148112 | ER 40               | 3.0 - 26                 | 100 | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 6040  |
| BT50ER 40160AD+B | K10103153175112 | ER 40               | 3.0 - 26                 | 160 | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 7205  |
| BT50ER 40200AD+B | K10103153239112 | ER 40               | 3.0 - 26                 | 160 | M 24 | M 30x1.5P | 63  | UM/ER 40    | E 40                | 11220 |
| BT50ER 50100AD+B | K10103154148112 | ER 50               | 10.0 - 34                | 100 | M 24 | M 16x2P   | 78  | UM/ER 50    | E 50                | 7205  |

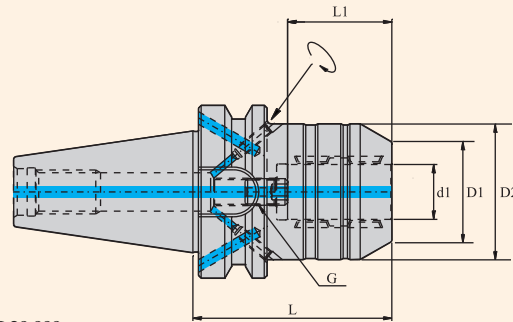
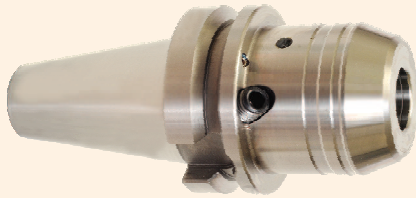
Ordering Example :-BT 40 ER 16070AD = 2 Nos.



## BT MAS 403 - ' SILVER ' SERIES

### HYDRAULIC EXPANSION CHUCK (HC)

Taper Angle Class AT3 Maximum runout of the internal taper in relation to the external taper 0.005 mm

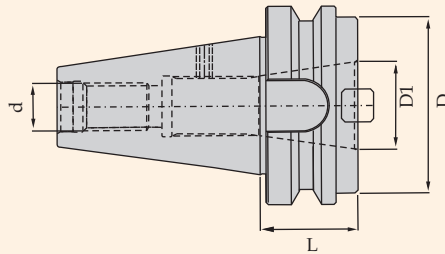
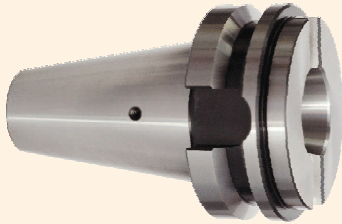


Note : Concentricity < 0.005mm on 2xd, Balanced to 2.5G 20,000 rpm

| Item Name            | Item Code       | d1 | D1 | D2   | L    | L1 | G       | INR NETT |
|----------------------|-----------------|----|----|------|------|----|---------|----------|
| BT30 HC20S 085 AD+B  | K10101168135129 | 20 | 41 | 44   | 85   | 42 | M10X1.0 | 8250     |
| BT40 HC20S 72.5 AD+B | K10102168126140 | 20 | 37 | 49.5 | 72.5 | 42 | M16X1   | 9625     |
| BT50 HC20S 090 AD+B  | K10103168140140 | 20 | 37 | 49.5 | 83.5 | 42 | M16X1.0 | 14900    |
| BT50 HC32S 090 AD+B  | K10103272140140 | 32 | 55 | 72   | 90   | 55 | M16X1.0 | 18000    |

Ordering Example :-BT40-HC20S 085 AD+B = 2 Nos.

### REDUCTION SLEEVE



| Item Name    | Item Code       | D     | D1    | L  | d   | INR  |
|--------------|-----------------|-------|-------|----|-----|------|
| RS BT50xBT40 | K10251346446127 | 88.80 | 44.45 | 49 | M24 | 7200 |

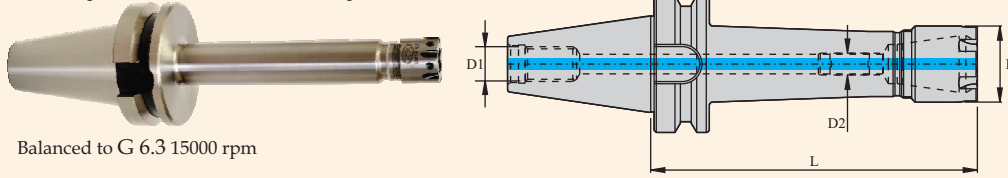
Ordering Example :-RS BT50xBT40 = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



### COLLET CHUCKS FOR COLLET DIN 6499 ER WITH 'M' NUTS (AD)

Taper Angle Class At3 Maximum runout of the internal taper in relation to the external taper 0.005 mm

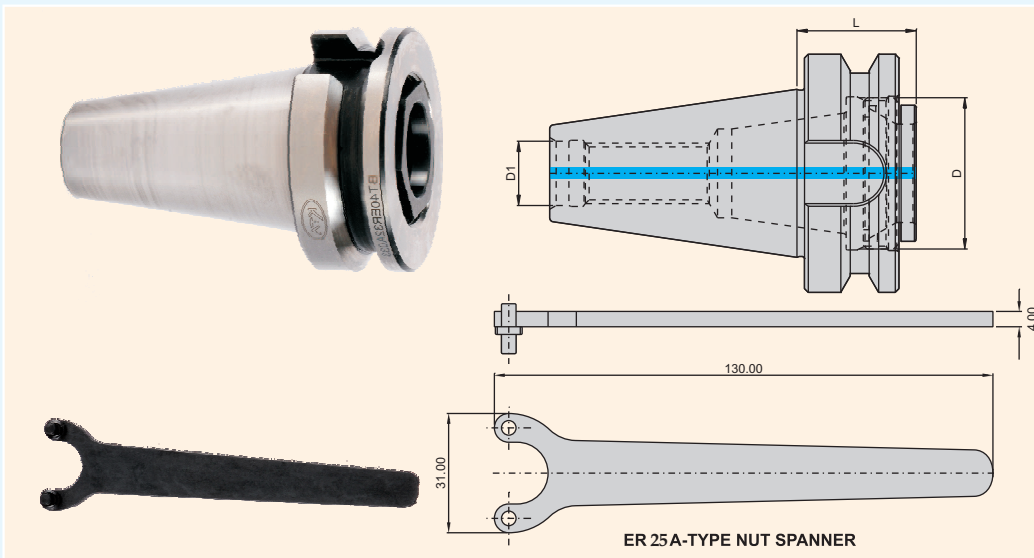


Balanced to G 6.3 15000 rpm

| Item Name        | Item Code       | Suitable for Collet | Collet Clamping Capacity | L   | D1   | D2      | Nut |             | Spanner Designation | INR  |
|------------------|-----------------|---------------------|--------------------------|-----|------|---------|-----|-------------|---------------------|------|
|                  |                 |                     |                          |     |      |         | D   | Designation |                     |      |
| BT40ER16M120AD   | K10102157162110 | ER16                | 0.5 - 10                 | 120 | M 16 | M 10x1P | 22  | ER 16 M     | E 16 M              | 3915 |
| BT40ER16M160AD   | K10102157175110 | ER16                | 0.5 - 10                 | 160 | M 16 | M 10x1P | 22  | ER 16 M     | E 16 M              | 4480 |
| BT40ER20M120AD   | K10102158162110 | ER20                | 1.0 - 13                 | 120 | M 16 | M 10x1P | 28  | ER 20 M     | E 20 M              | 3915 |
| BT40ER20M160AD   | K10102158175110 | ER20                | 1.0 - 13                 | 160 | M 16 | M 10x1P | 28  | ER 20 M     | E 20 M              | 4480 |
| BT40ER25M120AD   | K10102159162110 | ER25                | 1.0 - 16                 | 120 | M 16 | M 18x1P | 35  | ER 25 M     | E 25 M              | 3915 |
| BT40ER25M160AD   | K10102159175110 | ER25                | 1.0 - 16                 | 160 | M 16 | M 18x1P | 35  | ER 25 M     | E 25 M              | 4480 |
| BT40ER16M120AD+B | K10102157162112 | ER16                | 0.5 - 10                 | 120 | M 16 | M 10x1P | 22  | ER 16 M     | E 16 M              | 4355 |
| BT40ER16M160AD+B | K10102157175112 | ER16                | 0.5 - 10                 | 120 | M 16 | M 10x1P | 22  | ER 16 M     | E 16 M              | 4920 |
| BT40ER20M120AD+B | K10102158162112 | ER20                | 1.0 - 13                 | 120 | M 16 | M 10x1P | 28  | ER 20 M     | E 20 M              | 4355 |
| BT40ER20M160AD+B | K10102158175112 | ER20                | 1.0 - 13                 | 120 | M 16 | M 10x1P | 28  | ER 20 M     | E 20 M              | 4920 |
| BT40ER25M120AD+B | K10102159162112 | ER25                | 1.0 - 16                 | 120 | M 16 | M 18x1P | 35  | ER 25 M     | E 25 M              | 4355 |
| BT40ER25M160AD+B | K10102159175112 | ER25                | 1.0 - 16                 | 120 | M 16 | M 18x1P | 35  | ER 25 M     | E 25 M              | 4980 |

Ordering Example :-BT 40 ER 16M120 = 2 Nos.

### SHORT LENGTH ER COLLET CHUCK WITH 'A' TYPE NUT AD



| Item Name          | Item Code       | Suitable for Collet | Clamping Capacity | L    | D    | D1  | INR  |
|--------------------|-----------------|---------------------|-------------------|------|------|-----|------|
| BT30ER 25A 27.00AD | K10101243247110 | ER25                | 1-16              | 27.0 | 32.0 | M12 | 4200 |
| BT40ER 32A 32.00AD | K10102244248105 | ER32                | 2-20              | 32.0 | 40.0 | M16 | 5000 |
| BT50ER 32A 43.00AD | K10103244249110 | ER32                | 2-20              | 43.0 | 40.0 | M24 | 6700 |

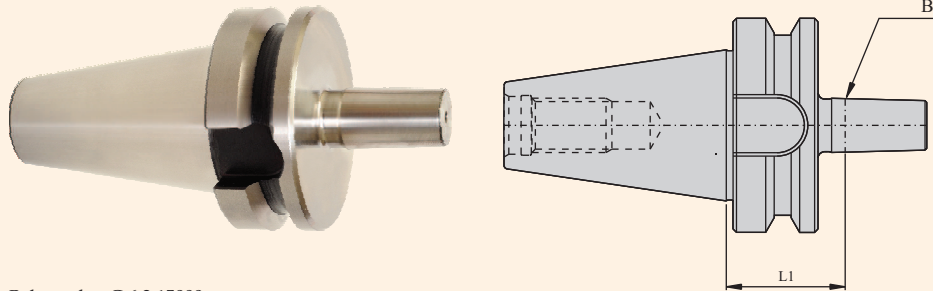
Ordering Example : BT30ER25A AD = 2 Nos . Supplied with 'A' Type Nut & Spanner.



## BT MAS 403 - ' SILVER ' SERIES

### ARBOR

Taper Angle Class AT3  
Concentricity of external tapers  
is within 0.005 mm



Balanced to G 6.3 15000 rpm

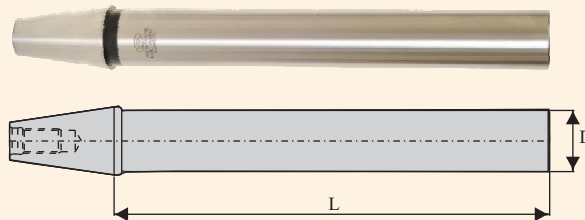
| Item Name           | Item Code       | ISO | B   | L1   | INR  |
|---------------------|-----------------|-----|-----|------|------|
| ARBOUR BT30 J6 30.5 | K10198344349122 | 30  | J6  | 30.5 | 1960 |
| ARBOUR BT30 B12025  | K10198344346122 | 30  | B12 | 25   | 1960 |
| ARBOUR BT30 B16032  | K10198344347122 | 30  | B16 | 32   | 1960 |
| ARBOUR BT40 J6 35.5 | K10198345350122 | 40  | J6  | 35.5 | 2100 |
| ARBOUR BT40 B12032  | K10198345351122 | 40  | B12 | 32   | 2100 |
| ARBOUR BT40 B16032  | K10198345347122 | 40  | B16 | 32   | 2100 |
| ARBOUR BT40 B18032  | K10198345344122 | 40  | B18 | 32   | 2100 |
| ARBOUR BT50 J6 46.5 | K10198346348122 | 50  | J6  | 46.5 | 4215 |
| ARBOUR BT50 B16043  | K10198346363122 | 50  | B16 | 43   | 4215 |
| ARBOUR BT50 B18043  | K10198346364122 | 50  | B18 | 43   | 4215 |

Ordering Example :- ARBOUR BT30 J6 30.5 = 2 Nos.

### MASTER MANDREL (ISO)

Taper Angle Class AT3

MASTER MANDRELS ACCORDING TO MAS 403 STD.  
RUNOUT MAX 0.005 TAPER w.r.t. PLANE DIA AT L  
NOTE:- TO BE VERTICALLY STORED  
SUPPLIED IN WOODEN BOX



| Item Name                        | Item Code       | D  | L   | INR   |
|----------------------------------|-----------------|----|-----|-------|
| ISO30 MASTER MANDREL DIA32 L 250 | K10192164256127 | 32 | 250 | 7710  |
| ISO40 MASTER MANDREL DIA40 L 300 | K10111165257127 | 40 | 300 | 9185  |
| ISO50 MASTER MANDREL DIA50 L 350 | K10112166258127 | 50 | 350 | 15300 |

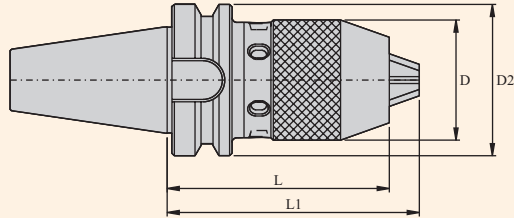
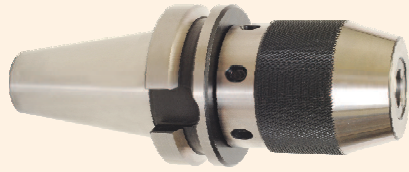
Ordering Example :- MASTER MANDREL ISO30DIA32L250 = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



### NC DRILL CHUCK (NCDC)

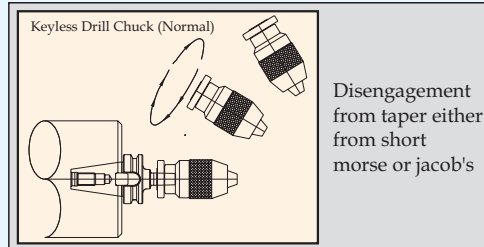
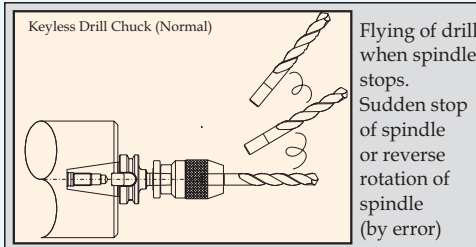
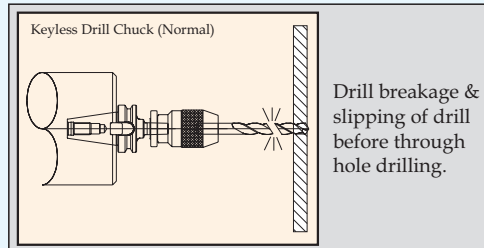
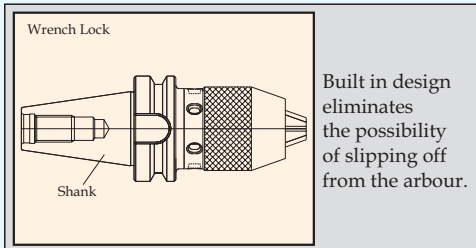
Taper Angle Class AT3 Maximum runout of the internal taper in relation to the external taper 0.005 mm



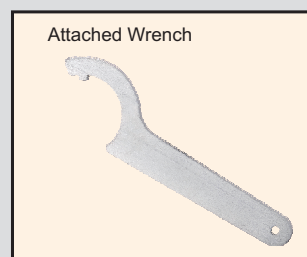
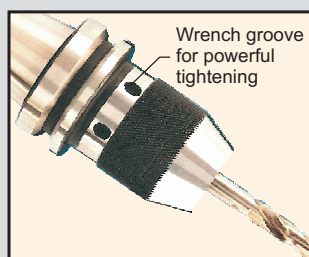
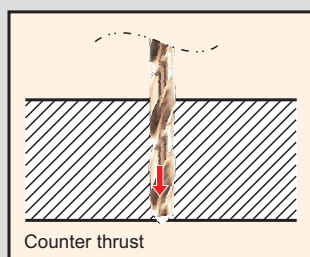
Balanced to G 6.3 15000 rpm

| Item Name           | Item Code       | D Ø | D2 Ø | L     | L1  | INR  |
|---------------------|-----------------|-----|------|-------|-----|------|
| BT30 NCDC113112.5AD | K10101167345122 | 50  | 46   | 112.5 | 125 | 7010 |
| BT40 NCDC113 92.5AD | K10102167143110 | 50  | 63   | 92.5  | 105 | 7570 |
| BT50 NCDC113107.5AD | K10103167151110 | 50  | 100  | 107.5 | 120 | 9800 |

Ordering Example :-NCDC113XBT40 = 2 Nos.



### 3 TIMES CHUCKING POWER



### Comparison data of drill chuck tightening torque

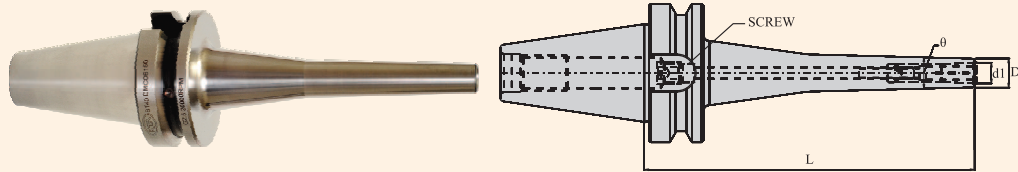
| Type of drill chuck | Method of tightening | Twisting moment | Comparison % |
|---------------------|----------------------|-----------------|--------------|
| DC 113              | By hand              | 6.9 Nm          | 100          |
| NC DC 113           | By wrench            | 21.8 Nm         | 300          |

Concentricity 0.04 T.I.R.



## BT MAS 403 - ' SILVER ' SERIES

### DIE & MOULD CHUCK (DMC) AD



Note : Concentricity < 0.005mm on 4xd, Balanced to 2.5G 20,000 rpm

| Item Name       | Item Code       | Gripping Range | L   | D  | θ In Degre | Collet | Screw | INR  |
|-----------------|-----------------|----------------|-----|----|------------|--------|-------|------|
| BT30 DMC06090AD | K10101161140114 | 3~6            | 90  | 13 | 3          | DMC 6  | M5    | 5280 |
| BT40 DMC06060AD | K10102161117129 | 3~6            | 60  | 13 | 3          | DMC 6  | M5    | 5280 |
| BT40 DMC06090AD | K10102161140129 | 3~6            | 90  | 13 | 3          | DMC 6  | M5    | 5500 |
| BT40 DMC06120AD | K10102161140129 | 3~6            | 120 | 13 | 3          | DMC 6  | M5    | 6270 |
| BT40 DMC06150AD | K10102161173129 | 3~6            | 150 | 13 | 3          | DMC 6  | M5    | 6930 |
| BT40 DMC08090AD | K10102162140129 | 3~8            | 90  | 22 | 3          | DMC 8  | M6    | 5500 |
| BT40 DMC08120AD | K10102162162129 | 3~8            | 120 | 22 | 3          | DMC 8  | M6    | 6600 |
| BT40 DMC10090AD | K10102163140129 | 3~10           | 90  | 28 | -          | DMC 10 | M8    | 5500 |
| BT40 DMC10120AD | K10102163162129 | 3~10           | 120 | 28 | -          | DMC 10 | M8    | 6600 |
| BT50 DMC10150AD | K10103163173129 | 3~10           | 150 | 28 | -          | DMC 10 | M8    | 8800 |

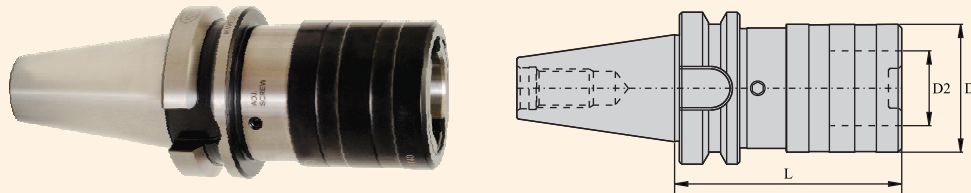
Ordering Example :-BT30 DMC06090AD = 2 Nos.

### QUICK CHANGE TAPPING CHUCK (KWFLK)

#### TYPE KWFLK SIZE :1, 2, 3 & 4

#### Quick Change Tapping Chuck Type KWFLK/BT/MAS 403

Taper Angle Class AT3



Ordering Example : KWFLK2/BT40 : 2Nos.

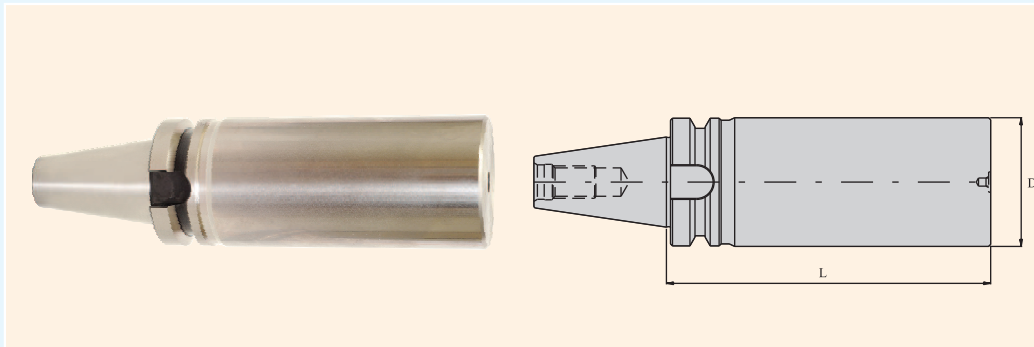
| Item Name         | Item Code       | For Taps Size | Suitable Adaptors | Length Comp. |        | D dia. | D2 dia. | L     | INR   |
|-------------------|-----------------|---------------|-------------------|--------------|--------|--------|---------|-------|-------|
|                   |                 |               |                   | Compr.       | Expan. |        |         |       |       |
| BT30 KWFLK1 64.0  | K10101169278127 | M3 - M12      | KWES1B            | 7.50         | 7.50   | 36     | 19      | 64.0  | 6240  |
| BT40 KWFLK1 67.5  | K10102169124127 | M3 - M12      | KWES1B            | 7.50         | 7.50   | 36     | 19      | 67.5  | 6925  |
| BT40 KWFLK2 94.5  | K10102170144127 | M8 - M20      | KWES2B            | 12.50        | 12.50  | 53     | 31      | 94.5  | 8315  |
| BT40 KWFLK3 164.5 | K10102171176127 | M14 - M33     | KWES3B            | 20.00        | 20.00  | 78     | 48      | 164.5 | 14555 |
| BT40 KWFLK4 180.0 | K10102172478127 | M3 - M12      | KWES1B            | 7.50         | 7.50   | 36     | 19      | 77.0  | 19000 |
| BT50 KWFLK1 77.0  | K10103169279127 | M3 - M12      | KWES1B            | 7.50         | 7.50   | 36     | 19      | 77.0  | 9145  |
| BT50 KWFLK2 102.5 | K10103170280127 | M8 - M20      | KWES2B            | 12.50        | 12.50  | 53     | 31      | 102.5 | 10390 |
| BT50 KWFLK3 142.5 | K10103171171127 | M14 - M33     | KWES3B            | 20.00        | 20.00  | 78     | 48      | 142.5 | 17545 |
| BT50 KWFLK4 164.5 | K10103172176127 | M22 - M48     | KWES4B            | 22.50        | 22.50  | 96     | 60      | 164.5 | 26460 |

Ordering Example :-BT30 KWFLK1 64.0 = 2 Nos.

## BT MAS 403 - ' SILVER ' SERIES



### BORING BAR BLANK

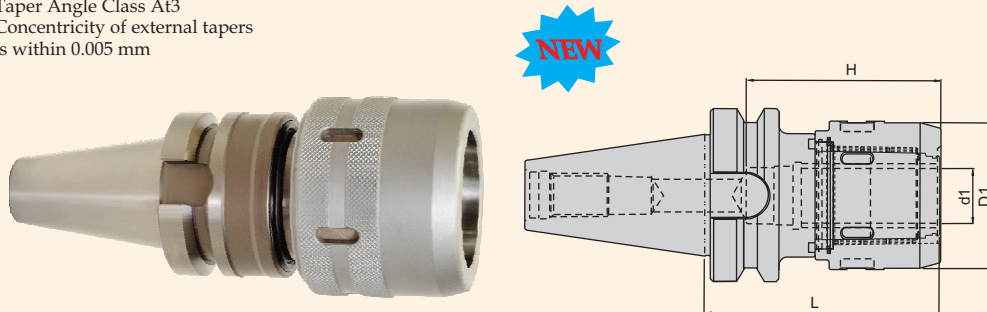


| Item Name                            | Item Code       | D    | L   | INR  |
|--------------------------------------|-----------------|------|-----|------|
| BT30 BORING BAR BLANK DIA 50.0 L 175 | K10101266328127 | 50   | 175 | 3300 |
| BT40 BORING BAR BLANK DIA 63.5 L 160 | K10102173330127 | 63.5 | 160 | 4300 |
| BT40 BORING BAR BLANK DIA 63.5 L 250 | K10102173256127 | 63.5 | 250 | 5200 |
| BT50 BORING BAR BLANK DIA 97.0 L 315 | K10103265329127 | 97   | 315 | 7500 |

Ordering Example :- BT30 BORING BAR BLANK = 2 Nos.

### NEW POWER MILLING CHUCK

Taper Angle Class At3  
Concentricity of external tapers  
is within 0.005 mm



Balanced to G 6.3 20000 rpm

| Item Name      | Item Code       | ISO | d1 | D1 | L   | H   | INR   |
|----------------|-----------------|-----|----|----|-----|-----|-------|
| BT30 C20075 AD | K10101453352129 | 30  | 20 | 54 | 75  | 70  | 7800  |
| BT40 C20080 AD | K10102453353129 | 40  | 20 | 54 | 80  | 70  | 8600  |
| BT40 C32090 AD | K10102453354129 | 40  | 32 | 72 | 90  | 100 | 9500  |
| BT50 C20105 AD | K10103453355129 | 50  | 20 | 54 | 105 | 70  | 11800 |
| BT50 C32105 AD | K10103453356129 | 50  | 32 | 72 | 105 | 100 | 12900 |

Ordering Example :- BT30 C20075 AD = 2 Nos.

**Note: Straight Collets For Above Power Milling Chucks Please Refer 'KTA' Accessories Catalog.**

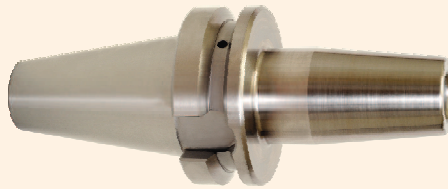




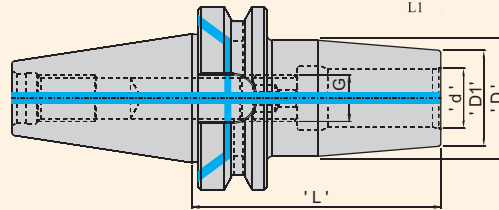
## BT MAS 403 - ' SILVER ' SERIES

### BT 40 SHRINK FIT HOLDER (SFH) MAS 403 AD+B

Taper Angle Class AT3 Maximum runout of the internal taper in relation to the external taper 0.005 mm



Taper Angle Class AT3  
Runout of Taper to I/D is within 0.003 mm



Balanced to G 6.3 15000 rpm (Higher Balancing on Request)

| Item Name        | Item Code       | d  | L   | D1 | D  | G   | INR  |
|------------------|-----------------|----|-----|----|----|-----|------|
| BT40SFH03090AD+B | K10102274140140 | 3  | 90  | 10 | 20 | -   | 6980 |
| BT40SFH03120AD+B | K10102274162140 | 3  | 120 | 10 | 20 | -   | 7820 |
| BT40SFH03160AD+B | K10102274175140 | 3  | 160 | 10 | 20 | -   | 8890 |
| BT40SFH04090AD+B | K10102275140140 | 4  | 90  | 15 | 22 | -   | 6750 |
| BT40SFH04120AD+B | K10102275162140 | 4  | 120 | 15 | 22 | -   | 7640 |
| BT40SFH04160AD+B | K10102275175140 | 4  | 160 | 15 | 22 | -   | 8720 |
| BT40SFH05090AD+B | K10102276140140 | 5  | 90  | 15 | 22 | -   | 6750 |
| BT40SFH05120AD+B | K10102276162140 | 5  | 120 | 15 | 22 | -   | 7640 |
| BT40SFH05160AD+B | K10102276175140 | 5  | 160 | 15 | 22 | -   | 8720 |
| BT40SFH06090AD+B | K10102277140140 | 6  | 90  | 20 | 27 | M5  | 5970 |
| BT40SFH06120AD+B | K10102277162140 | 6  | 120 | 20 | 27 | M5  | 6800 |
| BT40SFH06160AD+B | K10102277175140 | 6  | 160 | 20 | 27 | M5  | 7880 |
| BT40SFH08090AD+B | K10102285140140 | 8  | 90  | 20 | 27 | M6  | 5970 |
| BT40SFH08120AD+B | K10102285162140 | 8  | 120 | 20 | 27 | M6  | 6800 |
| BT40SFH08160AD+B | K10102285175140 | 8  | 160 | 20 | 27 | M6  | 7880 |
| BT40SFH10090AD+B | K10102279140140 | 10 | 90  | 24 | 31 | M8  | 5970 |
| BT40SFH10120AD+B | K10102279162140 | 10 | 120 | 24 | 31 | M8  | 6800 |
| BT40SFH10160AD+B | K10102279175140 | 10 | 160 | 24 | 31 | M8  | 7880 |
| BT40SFH12090AD+B | K10102280140140 | 12 | 90  | 24 | 31 | M10 | 5970 |
| BT40SFH12120AD+B | K10102280162140 | 12 | 120 | 24 | 31 | M10 | 6800 |
| BT40SFH12160AD+B | K10102280175140 | 12 | 160 | 24 | 31 | M10 | 7880 |
| BT40SFH14090AD+B | K10102284140140 | 14 | 90  | 27 | 34 | M10 | 5970 |
| BT40SFH14120AD+B | K10102284162140 | 14 | 120 | 27 | 34 | M10 | 6800 |
| BT40SFH14160AD+B | K10102284175140 | 4  | 160 | 27 | 34 | M10 | 7880 |
| BT40SFH16090AD+B | K10102281140140 | 16 | 90  | 27 | 34 | M12 | 5970 |
| BT40SFH16120AD+B | K10102281162140 | 16 | 120 | 27 | 34 | M12 | 6800 |
| BT40SFH16160AD+B | K10102281175140 | 16 | 160 | 27 | 34 | M12 | 7880 |
| BT40SFH18090AD+B | K10102282140140 | 18 | 90  | 33 | 40 | M12 | 5970 |
| BT40SFH18120AD+B | K10102282162140 | 18 | 120 | 33 | 40 | M12 | 6800 |
| BT40SFH18160AD+B | K10102282175140 | 18 | 160 | 33 | 40 | M12 | 7880 |
| BT40SFH20090AD+B | K10102283140140 | 20 | 90  | 33 | 40 | M16 | 5970 |
| BT40SFH20120AD+B | K10102283162140 | 20 | 120 | 33 | 40 | M16 | 6800 |
| BT40SFH20160AD+B | K10102283175140 | 20 | 160 | 33 | 40 | M16 | 7880 |
| BT40SFH25100AD+B | K10102287148140 | 25 | 100 | 44 | 53 | M16 | 5970 |
| BT40SFH25120AD+B | K10102287162140 | 25 | 120 | 44 | 53 | M16 | 6800 |
| BT40SFH25160AD+B | K10102287175140 | 25 | 160 | 44 | 53 | M16 | 7880 |
| BT40SFH32100AD+B | K10102288148140 | 32 | 100 | 44 | 53 | M16 | 5970 |
| BT40SFH32120AD+B | K10102288162140 | 32 | 120 | 44 | 53 | M16 | 6800 |
| BT40SFH32160AD+B | K10102288175140 | 32 | 160 | 44 | 53 | M16 | 7880 |

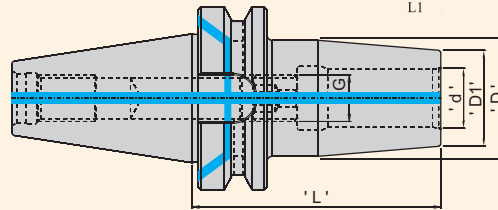
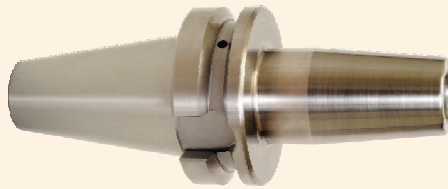
Ordering Example : BT40SFH12090AD+B = 2Nos.

## BT MAS 403 - ' SILVER ' SERIES



### BT 50 SHRINK FIT HOLDER (SFH) MAS 403 AD+B

Taper Angle Class AT3 Maximum runout of the internal taper in relation to the external taper 0.005 mm

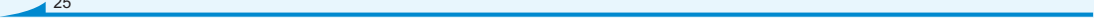


Taper Angle Class AT3  
Runout of Taper to I/D is within 0.003 mm

Balanced to G 6.3 15000 rpm (Higher Balancing on Request)

| Item Name        | Item Code       | d  | L   | D1 | D  | G   | INR   |
|------------------|-----------------|----|-----|----|----|-----|-------|
| BT50SFH03100AD+B | K10103274148140 | 3  | 90  | 10 | 20 | -   | 10920 |
| BT50SFH03120AD+B | K10103274162140 | 3  | 120 | 10 | 20 | -   | 11900 |
| BT50SFH03160AD+B | K10103274175140 | 3  | 160 | 10 | 20 | -   | 13160 |
| BT50SFH04100AD+B | K10103275148140 | 4  | 90  | 15 | 22 | -   | 10640 |
| BT50SFH04120AD+B | K10103275162140 | 4  | 120 | 15 | 22 | -   | 11690 |
| BT50SFH04160AD+B | K10103275175140 | 4  | 160 | 15 | 22 | -   | 12950 |
| BT50SFH05100AD+B | K10103276148140 | 5  | 90  | 15 | 22 | -   | 10640 |
| BT50SFH05120AD+B | K10103276162140 | 5  | 120 | 15 | 22 | -   | 11690 |
| BT50SFH05160AD+B | K10103276175140 | 5  | 160 | 15 | 22 | -   | 12950 |
| BT50SFH06100AD+B | K10103277148140 | 6  | 90  | 20 | 27 | M5  | 9730  |
| BT50SFH06120AD+B | K10103277162140 | 6  | 120 | 20 | 27 | M5  | 10710 |
| BT50SFH06160AD+B | K10103277175140 | 6  | 160 | 20 | 27 | M5  | 11970 |
| BT50SFH08100AD+B | K10103285148140 | 8  | 90  | 20 | 27 | M6  | 9730  |
| BT50SFH08120AD+B | K10103285162140 | 8  | 120 | 20 | 27 | M6  | 10710 |
| BT50SFH08160AD+B | K10103285175140 | 8  | 160 | 20 | 27 | M6  | 11970 |
| BT50SFH10100AD+B | K10103279148140 | 10 | 90  | 24 | 31 | M8  | 9730  |
| BT50SFH10120AD+B | K10103279162140 | 10 | 120 | 24 | 31 | M8  | 10710 |
| BT50SFH10160AD+B | K10103279175140 | 10 | 160 | 24 | 31 | M8  | 11970 |
| BT50SFH12100AD+B | K10103280148140 | 12 | 90  | 24 | 31 | M10 | 9730  |
| BT50SFH12120AD+B | K10103280162140 | 12 | 120 | 24 | 31 | M10 | 10710 |
| BT50SFH12160AD+B | K10103280175140 | 12 | 160 | 24 | 31 | M10 | 11970 |
| BT50SFH14100AD+B | K10103284148140 | 14 | 90  | 27 | 34 | M10 | 9730  |
| BT50SFH14120AD+B | K10103284162140 | 14 | 120 | 27 | 34 | M10 | 10710 |
| BT50SFH14160AD+B | K10103284175140 | 14 | 160 | 27 | 34 | M10 | 11970 |
| BT50SFH16100AD+B | K10103281148140 | 16 | 90  | 27 | 34 | M12 | 9730  |
| BT50SFH16120AD+B | K10103281162140 | 16 | 120 | 27 | 34 | M12 | 10710 |
| BT50SFH16160AD+B | K10103281175140 | 16 | 160 | 27 | 34 | M12 | 11970 |
| BT50SFH18100AD+B | K10103282148140 | 18 | 90  | 33 | 40 | M12 | 9730  |
| BT50SFH18120AD+B | K10103282162140 | 18 | 120 | 33 | 40 | M12 | 10710 |
| BT50SFH18160AD+B | K10103282175140 | 18 | 160 | 33 | 40 | M12 | 11970 |
| BT50SFH20100AD+B | K10103283148140 | 20 | 90  | 33 | 40 | M16 | 9730  |
| BT50SFH20120AD+B | K10103283162140 | 20 | 120 | 33 | 40 | M16 | 10710 |
| BT50SFH20160AD+B | K10103283175140 | 20 | 160 | 33 | 40 | M16 | 11970 |
| BT50SFH25110AD+B | K10103287156140 | 25 | 100 | 44 | 53 | M16 | 9730  |
| BT50SFH25120AD+B | K10103287162140 | 25 | 120 | 44 | 53 | M16 | 10710 |
| BT50SFH25160AD+B | K10103287175140 | 25 | 160 | 44 | 53 | M16 | 11970 |
| BT50SFH32110AD+B | K10103288156140 | 32 | 100 | 44 | 53 | M16 | 9730  |
| BT50SFH32120AD+B | K10103288162140 | 32 | 120 | 44 | 53 | M16 | 10710 |
| BT50SFH32160AD+B | K10103288175140 | 32 | 160 | 44 | 53 | M16 | 11970 |

Ordering Example : BT50SFH03100AD+B = 2Nos.





KTA Spindle Toolings  
Corporate Office &  
Works : Pune

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