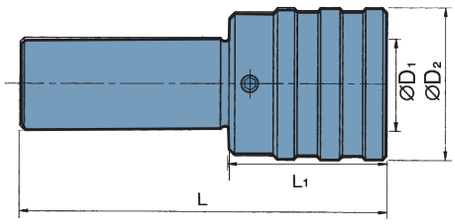
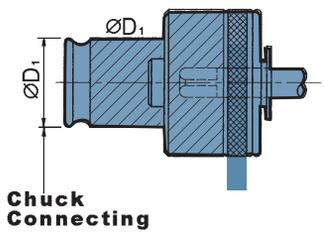
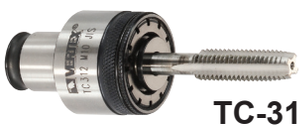
# Quick Change Tapping Chucks

## QUICK CHANGE TAPPING CHUCKS (with length compensation)
## STRAIGHT SHANK



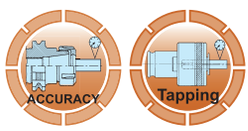




WITH OVERLOAD SAFETY COLLET




**TC-312**

- Tension and compression feature allows taps to follow their own thread lead.
- With extreme light compensation compression and tension operated by ball cage.




TAPPING CHUCKS

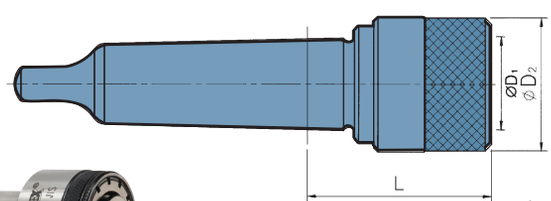
## WF-ST LENGTH COMPENSATION TYPE

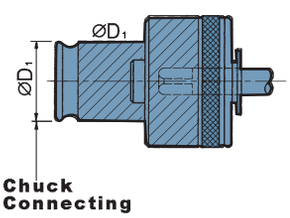
| ORDER NO. | Thread Size | L | L1 | ØD1 Chuck Connecting DIA. | ØD2 | Length Compensation | | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Compression | Tension | | | |
| ST20-WF12 | M2-M14 | 105 | 40 | Ø19 | 36 | 7.5 | 7.5 | TC-312 | 0.4 | 3404-087 |
| ST32-WF12 | | | | | | | | | 0.6 | 3404-088 |
| ST20-WF20 | M5-M24 | 120 | 65 | Ø31 | 53 | 12.5 | 12.5 | TC-820 | 1 | 3404-089 |

※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

# Quick Change Tapping Chucks

**Solid Type**

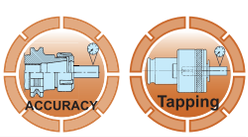



WITH OVERLOAD SAFETY COLLET

**TC-312**

- Tension and compression feature allows taps to follow their own thread lead.
- With extreme light compensation compression and tension operated by ball cage.




## WF-MT LENGTH COMPENSATION TYPE

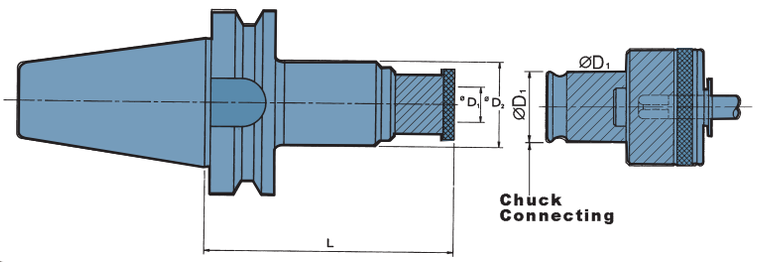
| ORDER NO. | Thread Size | Morse.Taper MT | L | ØD1 Chuck Connecting DIA. | ØD2 | Lenght Compensation | | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Compression | Tension | | | |
| MT2-WF12 | M2-M14 | MT2 | 47.5 | Ø19 | 36 | 7.5 | 7.5 | TC-312 | 0.4 | 3404-123 |
| MT3-WF12 | | MT3 | | | | | | | 0.56 | 3404-123A |
| MT4-WF12 | | MT4 | 49 | | | | | | 0.86 | 3404-123B |
| MT2-WF20 | M5-M24 | MT2 | 70 | Ø31 | 53 | 12.5 | 12.5 | TC-820 | 0.8 | 3404-124 |
| MT3-WF20 | | MT3 | | | | | | | 0.96 | 3404-124A |
| MT4-WF20 | | MT4 | | | | | | | 1.5 | 3404-124B |
| MT3-WF33 | M14-M36 | MT3 | 103 | Ø48 | 78 | 20 | 15 | TC-1433 | 2.2 | 3404-125A |
| MT4-WF33 | | MT4 | | | | | | | 2.76 | 3404-125 |

※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

# Quick Change Tapping Chucks

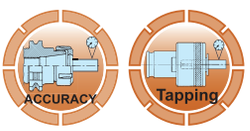
## QUICK CHANGE TAPPING CHUCKS (with length compensation)
## MAS-BT SHANK / DIN69871A SHANK

- Tension and compression feature allows taps to follow their own thread lead.




WITH OVERLOAD SAFETY COLLET

TC-312




### WFE-BT40 LENGTH COMPENSATION TYPE

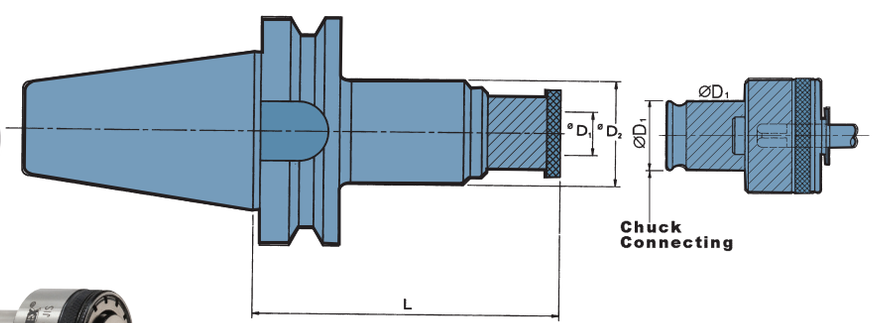
| ORDER NO. | Thread Size | L | ØD1 Chuck Connecting DIA. | ØD2 | Length Compensation | | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Compression | Tension | | | |
| BT40-WFE12-135 | M2-M14 | 135 | Ø19 | 46 | 15 | 20 | TC-312 | 1.5 | 3404-070 |
| BT40-WFE12-165 | | 165 | | | | | | 2.4 | 3404-072 |

※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

# Quick Change Tapping Chucks

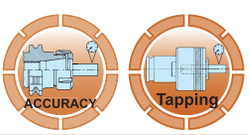
## QUICK CHANGE TAPPING CHUCKS (with length compensation)
## MAS-BT SHANK / DIN69871A SHANK

- Tension and compression feature allows taps to follow their own thread lead.




WITH OVERLOAD SAFETY COLLET

TC-312




### WFE-BT50 LENGTH COMPENSATION TYPE

| ORDER NO. | Thread Size | L | ØD1 Chuck Connecting DIA. | ØD2 | Length Compensation | | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Compression | Tension | | | |
| BT50-WFE12-135 | M2-M14 | 135 | Ø19 | 46 | 15 | 20 | TC-312 | 4.54 | 3404-080 |
| BT50-WFE12-165 | | 165 | | | | | | 4.94 | 3404-082 |
| BT50-WFE20-165 | M5-M24 | 165 | Ø31 | 58 | 15 | 15 | TC-820 | 7 | 3404-084 |

※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

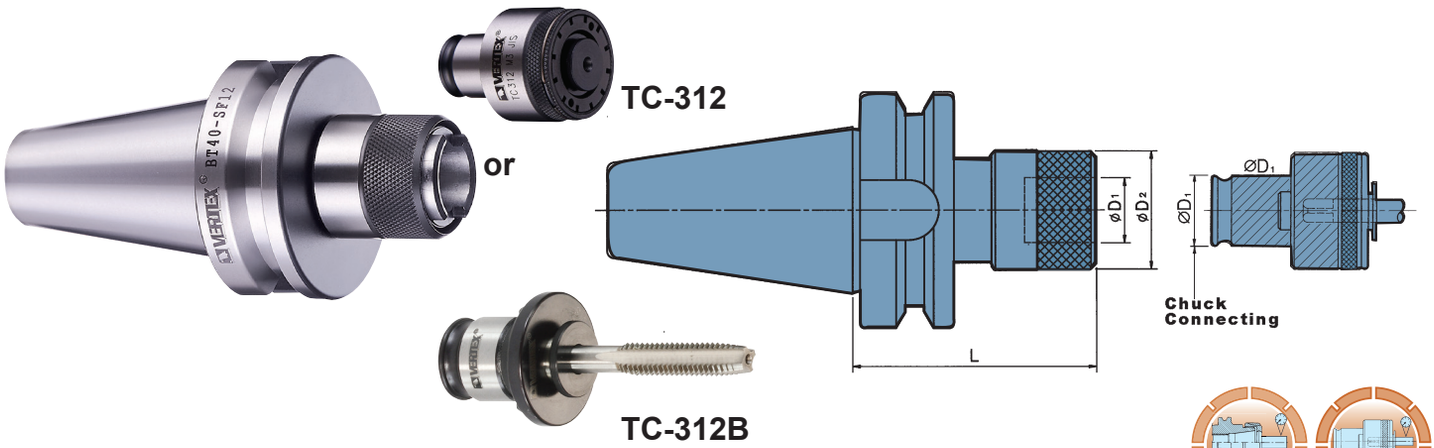
# Quick Change Tapping Chucks

VERTEX®

## MSA-BT SHANK & DIN 69871A SHANK

Solid Type

- No tension or compensation stroke for use in synchronous tapping(rigid tapping) cycle.






### BT40-SF- RIGID TAPPING TYPE , NO LENGTH COMPENSATION

| ORDER NO. | Thread Size | L | ØD1 Chuck Connecting DIA. | ØD2 | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|
| BT40-SF12 | M2-M14 | 72 | Ø19 | 34 | TC-312<br>TC-312B | 1 | 3404-100 |
| BT40-SF20 | M5-M24 | 91 | Ø31 | 50 | TC-820<br>TC-820B | 1.4 | 3404-102 |
| BT40-SF33 | M14-M36 | 130 | Ø48 | 74 | TC-1433<br>TC-1433B | 3.5 | 3404-104 |

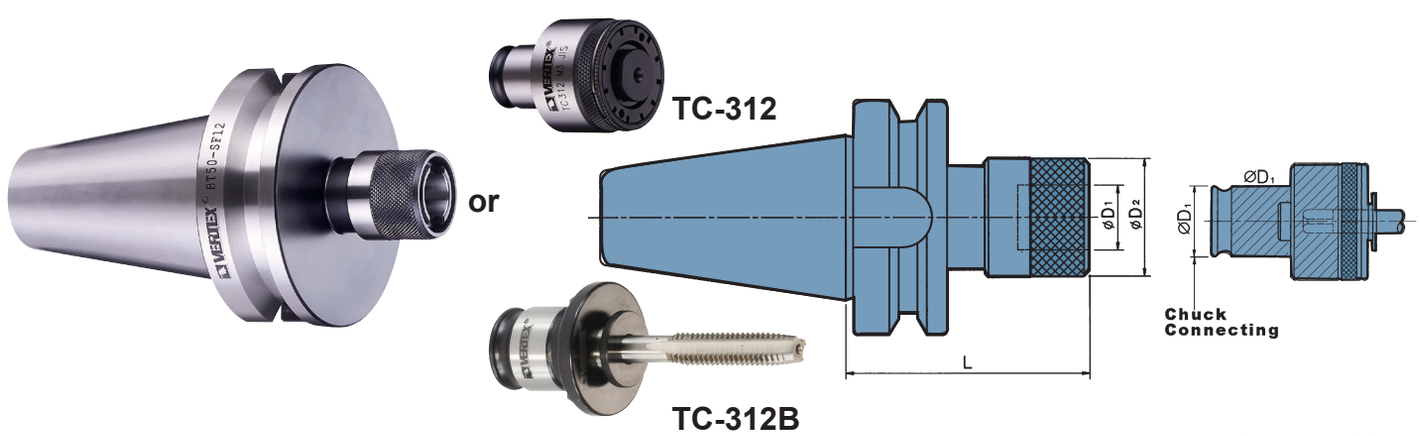
※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

# Quick Change Tapping Chucks

## MSA-BT SHANK & DIN 69871A SHANK

Solid Type

- No tension or compensation stroke for use in synchronous tapping(rigid tapping) cycle.




### BT50-SF- RIGID TAPPING TYPE, NO LENGTH COMPENSATION

| ORDER NO. | Thread Size | L | ØD1 Chuck Connecting DIA. | ØD2 | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|
| BT50-SF12 | M2-M14 | 78 | Ø19 | 34 | TC-312<br>TC-312B | 3.6 | 3404-110 |
| BT50-SF20 | M5-M24 | 95 | Ø31 | 50 | TC-820<br>TC-820B | 4 | 3404-112 |
| BT50-SF33 | M14-M36 | 142 | Ø48 | 74 | TC-1433<br>TC-1433B | 5.6 | 3404-116 |

※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

# Quick Change Tapping Chucks

VERTEX®

## QUICK CHANGE TAPPING CHUCKS

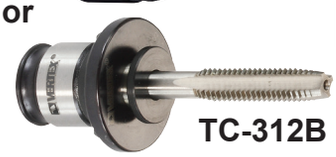
Solid Type

**MORSE TAPER SHANK**

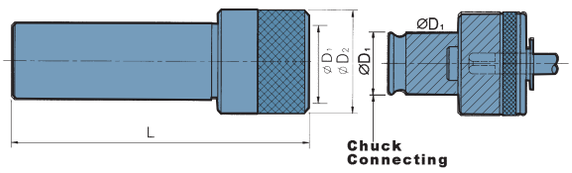
- Tension and compression feature allows taps to follow their own thread lead.
- With extreme light compensation compression and tension operated by ball cage.

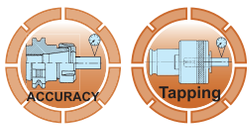
TC-312

or




TC-312B



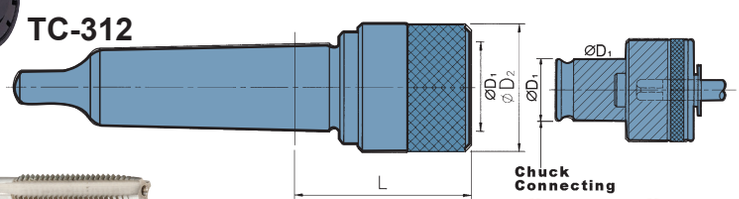

## ST-SF- TYPE SOLID RIGID TAPPING TYPE

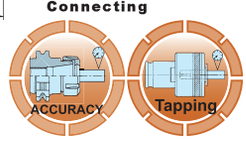
| ORDER NO. | Thread Size | L | $L_1$ | $ØD_1$ Chuck Connecting DIA. | $ØD_2$ | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|
| ST20-SF12 | M2-M14 | 104 | 70 | Ø19 | 34 | TC-312 TC-312B | 0.3 | 3404-140 |
| ST32-SF12 | | 106 | | Ø19 | | | 0.66 | 3404-140A |
| ST20-SF20 | M5-M24 | 105 | | Ø31 | 50 | TC-820 TC-820B | 0.74 | 3404-141 |
| ST32-SF20 | | | | Ø31 | | | 1.02 | 3404-141A |
| ST32-SF33 | M14-M36 | 169 | | Ø48 | 76 | TC-1433 TC-1433B | 2.86 | 3404-142A |

TC-312

or

TC-312B



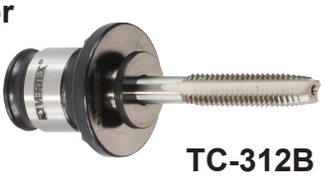




## MT-SF- TYPE SOLID RIGID TAPPING TYPE, NO LENGTH COMPENSATION

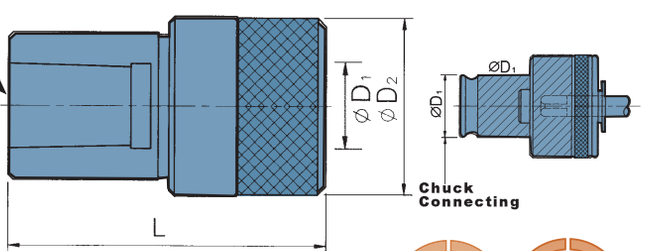
| ORDER NO. | Thread Size | Morse. Taper MT | L | $ØD_1$ Chuck Connecting DIA. | $ØD_2$ | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|
| MT2-SF12 | M2-M14 | MT2 | 45 | Ø19 | 34 | TC-312 TC-312B | 0.3 | 3404-120 |
| MT3-SF12 | | MT3 | | | | | 0.8 | 3404-120A |
| MT4-SF12 | | MT4 | 46 | | | | 0.8 | 3404-120B |
| MT2-SF20 | M5-M24 | MT2 | 70 | Ø31 | 50 | TC-820 TC-820B | 0.6 | 3404-121A |
| MT3-SF20 | | MT3 | | | | | 0.8 | 3404-121 |
| MT4-SF20 | | MT4 | 75 | | | | 1.18 | 3404-121B |
| MT3-SF33 | M14-M36 | MT3 | 99 | Ø48 | 74 | TC-1433 TC-1433B | 0.84 | 3404-122A |
| MT4-SF33 | | MT4 | 99 | | | | 2.2 | 3404-122 |

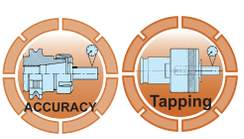
TC-312

or




TC-312B




## JTA -SF- B16-SF RIGID TAPPING TYPE

| ORDER NO. | Thread Size | L | $ØD_1$ Chuck Connecting DIA. | $ØD_2$ | d | Collets | WEIGHT (kg) | CODE NO. |
|---|---|---|---|---|---|---|---|---|
| JTA6-SF12 | M2-M14 | 66 | Ø19 | 32 | JT6 | TC-312 TC-312B | 0.3 | 3404-130 |
| B16-SF12 | | | | | B16 | | 0.22 | 3404-130A |
| B12-SF12 | | 61 | | | B12 | | 0.2 | 3404-130B |

※Tapping Collet Reducer Adapter : TC820 / TC312-AD TC1433 / TC820-AD

# Quick Change Tapping Chucks Set

VERTEX®

## Shank with length compensation

## European Type

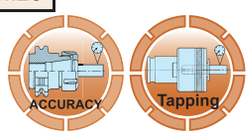
- Tension and compression feature allows taps to follow their own thread lead.
- With extreme light compensation compression and tension operated by ball cage.

NEW

SET TYPE BT-WF
SHANK WITH 7 PCS/SET OVERLOAD CLUTCH
TAPPING COLLET DIN, ISO & JIS SYSTEMS:
PLEASE SEE PAGE 121.

| Collets Size | |
|---|---|
| **TC-312** | M3, M4, M5, M6, M8, M10, M12 |
| **TC-820** | M8, M10, M12, M14, M16, M18, M20 |

Please inform the collet size when ordering.
Please use following page as reference for collet size.






### SETS

| ORDER NO. | Shank Size | Thread Size | L | ØD1 | ØD2 | Length Compensation | | Collets | PCS/ SET | CODE NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Compression | Tension | | | |
| **VQT-312** | BT-30-WF12 | M3-M12 | 70 | 19 | 36 | 7.5 | 7.5 | TC-312 | 7PCS | 3404-190 |
| **VQT-320** | BT-30-WF20 | M8-M20 | 105 | 31 | 53 | 12.5 | 12.5 | TC-820 | 7PCS | 3404-191 |
| **VQT-412** | BT-40-WF12 | M3-M12 | 75 | 19 | 36 | 7.5 | 7.5 | TC-312 | 7PCS | 3404-192 |
| **VQT-420** | BT-40-WF20 | M8-M20 | 95 | 31 | 53 | 12.5 | 12.5 | TC-820 | 7PCS | 3404-193 |
| **VQT-512** | BT-50-WF12 | M3-M12 | 85 | 19 | 36 | 7.5 | 7.5 | TC-312 | 7PCS | 3404-194 |
| **VQT-520** | BT-50-WF20 | M8-M20 | 105 | 31 | 53 | 12.5 | 12.5 | TC-820 | 7PCS | 3404-195 |

# Quick Change MT Tapping Chuck Set

## With Overload Clutch

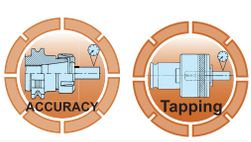
NEW

- Tension and compression feature allows taps to follow their own thread lead.
- With extreme light compensation compression and tension operated by ball cage.

SET TYPE MT-SF
SHANK WITH 7 PCS/SET OVERLOAD CLUTCH
TAPPING COLLET DIN, ISO & JIS SYSTEMS:
PLEASE SEE PAGE 121.

| Collets Size | |
|---|---|
| **TC-312** | M3, M4, M5, M6, M8, M10, M12 |
| **TC-820** | M8, M10, M12, M14, M16, M18, M20 |

Please inform the collet size when ordering.
Please use following page as reference for collet size.




### SETS

| ORDER NO. | Shank Size | Thread Size | L | ØD2 | Collets | PCS/ SET | CODE NO. |
|---|---|---|---|---|---|---|---|
| **VQT-712** | MT3-SF12 | M3-M12 | 39 | 32 | TC-312 | 7PCS | 3404-196 |
| **VQT-812** | MT4-SF12 | M3-M12 | 34 | 32 | TC-312 | 7PCS | 3404-197 |
| **VQT-720** | MT3-SF20 | M8-M20 | 59 | 50 | TC-820 | 7PCS | 3404-198 |
| **VQT-820** | MT4-SF20 | M8-M20 | 55 | 50 | TC-820 | 7PCS | 3404-199 |