

TB BREAK-OVER WRENCH

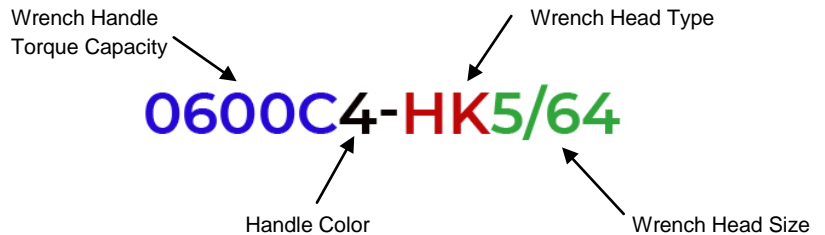
- The preset wrench ensures that the correct torque value is consistently applied to each fastener. Designed to have fixed head permanently attached.
- Breaks-over upon reaching preset torque. Improves the fastening process by reducing the risk of both over and under-tightening.
- Delivers repeatability, traceability, and precision for all tightening applications.
- Six different colored aluminum handles allow for color-coding of specific torque values in production areas.
- No external adjustment scale—must be preset using a torque analyzer
- Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO 6789: 2017 (+/- 6% of setting)



TB Wrench Configuration

These configurable wrenches are made to order. To construct the TB wrench you will need to select four elements to configure the product's part number.

Part Number Order Example:



Step 1 - Select TB Wrench Handle Torque Capacity

| Configuration Number | Torque Ranges | |
|----------------------|----------------|--------------------|
| | American | S.I. |
| 0600A | 25 - 50 ozf.in | 17.7 - 35.3 cN.m |
| 0600B | 3 - 12 lbf.in | 33.9 - 135.6 cN.m |
| 0600C | 12 - 21 lbf.in | 135.6 - 237.3 cN.m |
| 0600D | 25 - 50 lbf.in | 226 - 565 cN.m |

Step 2 - Select TB Wrench Handle Color

| TB Handle Color | Configuration Number |
|-----------------|----------------------|
| Black | 1 |
| Blue | 2 |
| Red | 3 |
| Green | 4 |
| Gold | 5 |
| Silver | 6 |

Step 3 - Select TB Wrench Head Type

| Head Type | Configuration Number |
|-----------|----------------------|
| Open End | OE |
| Box End | BE |
| Hex Key | HK |
| Flare End | FE |
| Ratchet | RH |



Step 4 - Select TB Wrench Head Size

Open End

| American Configuration Number | Metric Configuration Number |
|-------------------------------|-----------------------------|
| 5/64 | 3 mm |
| 1/8 | 4 mm |
| 9/64 | 5 mm |
| 5/32 | 5.5 mm |
| 3/16 | 6 mm |
| 13/64 | 6.5 mm |
| 7/32 | 7 mm |
| 15/64 | 8 mm |
| 1/4 | 8.5 mm |
| 9/32 | 9 mm |
| 5/16 | 10 mm |
| 11/32 | 11 mm |
| 3/8 | 12 mm |
| 13/32 | 13 mm |
| 7/16 | 14 mm |
| 1/2 | 15 mm |
| 9/16 | 17 mm |
| 5/8 | 18 mm |
| 11/16 | 19 mm |
| 3/4 | 20 mm |
| 13/16 | 21 mm |
| 7/8 | 22 mm |



Box End

| American Configuration Number | Metric Configuration Number |
|-------------------------------|-----------------------------|
| 1/8 | 5 mm |
| 5/32 | 6 mm |
| 3/16 | 7 mm |
| 7/32 | 8 mm |
| 1/4 | 9 mm |
| 9/32 | 10 mm |
| 5/16 | 11 mm |
| 11/32 | 12 mm |
| 3/8 | 13 mm |
| 7/16 | 17 mm |
| 1/2 | |
| 9/16 | |
| 5/8 | |
| 11/16 | |
| 3/4 | |



Step 4 - Select TB Wrench Head Size

Hex Key

| American Configuration Number | Metric Configuration Number |
|-------------------------------|-----------------------------|
| 0.05 | 1.5 mm |
| 1/16 | 2 mm |
| 5/64 | 2.5 mm |
| 3/32 | 3 mm |
| 7/64 | 3.5 mm |
| 1/8 | 4 mm |
| 9/64 | 5 mm |
| 5/32 | |
| 3/16 | |
| 7/32 | |
| 1/4 | |
| 3/8 | |
| 7/16 | |
| 3/4 | |



Flare End

| American Configuration Number | Metric Configuration Number |
|-------------------------------|-----------------------------|
| 1/4 | 13 mm |
| 5/16 | 15 mm |
| 3/8 | 17 mm |
| 7/16 | 19 mm |
| 1/2 | |
| 9/16 | |
| 11/16 | |
| 3/4 | |
| 13/16 | |



Ratchet Head

| American Configuration Number |
|-------------------------------|
| 1/4 F/Hex |



Note! 52 Teeth 1/4 inch Female Hex