

# TB BREAK-OVER WRENCH

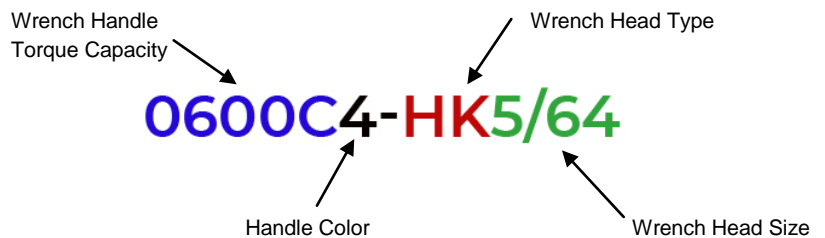
- The preset wrench ensures that the correct torque value is consistently applied to each fastener. Designed to have fixed head permanently attached.
- Breaks-over upon reaching preset torque. Improves the fastening process by reducing the risk of both over and under-tightening.
- Delivers repeatability, 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	2.6 - 21.7 lbf.in	29.4 - 245
0600C	3.5 - 30.4 lbf.in	39.3 - 343
0600D	25 - 50 lbf.in	226 - 565

### 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

## Adapters for Ratchet Heads

These adapters can be inserted into 1/4" ratchet head option.

### Hex Head Adapters



Model	Item #	Size In
CMS-3	120366	0.050"
CMS-4	120367	1/16"
CMS-5	120368	5/64"
CMS-6	120036	3/32"
CMS-7	120037	7/64"
CMS-8	120369	1/8"
CMS-9	120038	9/64"
CMS-10	120039	5/32"
CMS-12	120370	3/16"
CMS-14	120371	7/32"
CMS-16	120372	1/4"
CMS-18	120373	5/16"

Model	Item #	Size mm
CMS-40	120040	1.5
CMS-41	120041	2
CMS-42	120042	2.5
CMS-43	120043	3
CMS-44	120044	4
CMS-45	120045	5

### Reed Prince Adapter



Model	Item #	Point Size
CM-37	120377	No. 2

### Slotted Head Adapters



Model	Item #	Bit Width
CM-25	120035	3/16"
CM-26	120374	7/32"
CM-17	120031	1/4"
CM-19	120375	3/8"

### Phillips Head Adapters



Model	Item #	Point Size
CMP-20	120032	No. 1
CMP-21	120033	No. 2
CMP-33	120376	No. 3

### Square Drive Adapter



Model	Item #	Size In
CM-24	120034	1/4"