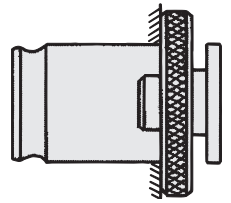


# QUICK CHANGE TAP ADAPTER

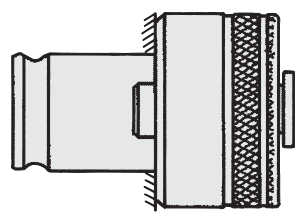
## Basic 4 Models

**WE**



**WE** Quick Change

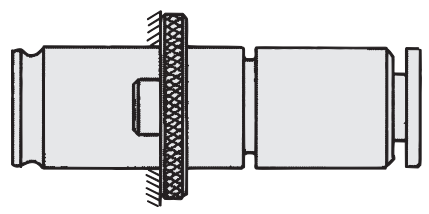
**WES · B**



**WE** Quick Change

**S** Safety Torque

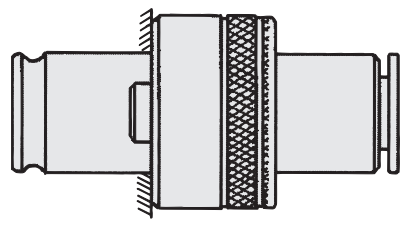
**WEN**



**WE** Quick Change

**N** Length Adjustment

**WESN · B**



**WE** Quick Change

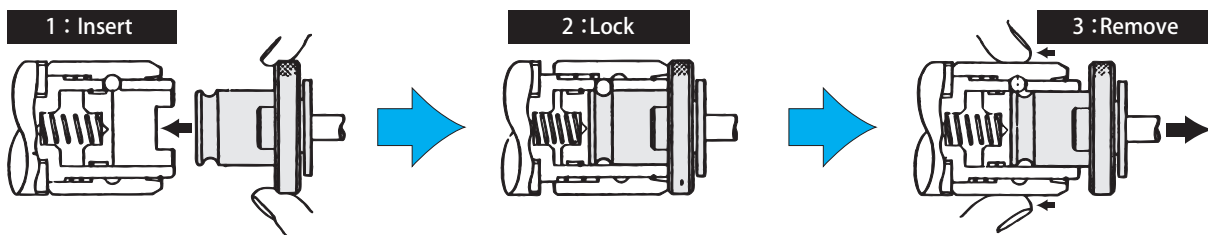
**S** Safety Torque

**N** Length Adjustment

In addition to the basic 4 models, wide variety of models (extended size, enlarged size, R type for short shank tap etc.) are available.

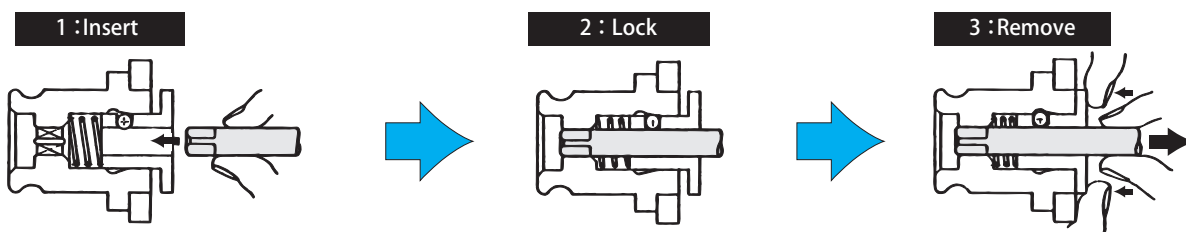
WE : Quick Change

Tapping chuck and tapping adapter



- 1 : Simply insert tap adapter into tapping chuck.
- 2 : Tapping chuck and tap adapter are connected firmly.
- 3 : Push down on operation sleeve of tapping chuck while removing tap adapter.

Tapping adapter and Tap

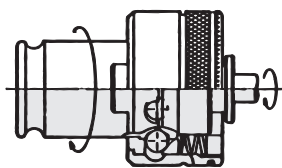


- 1 : Insert tap into bottom of tap adapter, and rotate tap manually to connect them firmly.
- 2 : Tap and adapter are connected firmly.
- 3 : Push down on ball bush while removing tap.

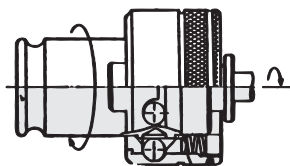
S : Safety torque

Safe torque device activates to prevent breakage tap when torque more than fixed amount is applied to tap. (Use with a tapper equipped with axial compensation mechanism.)

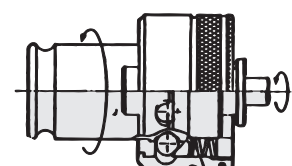
Normal operation (Normal machining)



Empty operation (Abnormal machining torque)

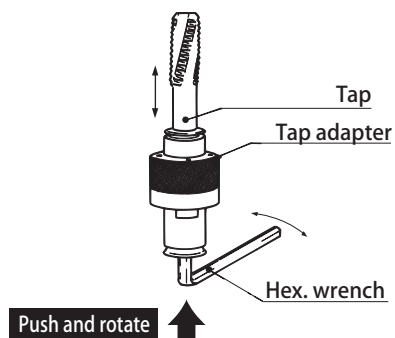


Reverse operation (Torque device doesn't move in the reverse direction)



When using left handed tap adapter, please specify.

N : Length adjustment



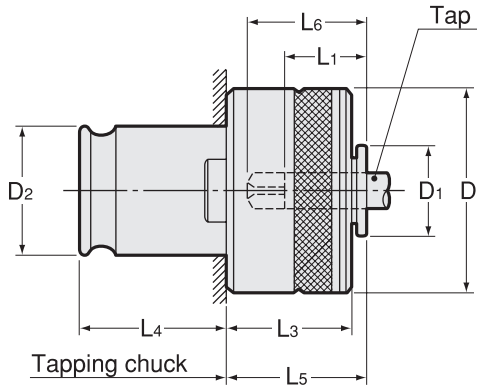
Insert hex. wrench into bottom of tap adapter and turn to adjust tool length.

Tap adapter with tool adjustment mechanism can be recommended for following conditions.

- 1. Tool adjustment with prestting gauge.
- 2. When tap length changes due to re-grinding.
- 3. When you do not want to use N/C machine tool compensation function.

# WES·B

## Quick Change Tap Adapter




### Applications

- For right-hand thread only. Through hole and blind hole.

### Feature

- Quick Change
- Safety torque clutch actuates to prevent tap breakage when an excessive torque is applied to tap. In this case, a tapping chuck with compression device should be used together.

 For capable tap sizes, please refer to P.462-464 chart.

Code	Model	Tap Size	Chuck size	D	D1	D2	L1	L3	L4	L5	kg
0210 06000 ※※※	<b>WES0B</b>	M3 ~ M8 (M10) U1/4 ~ U5/16 (U3/8)	0	23	12.5	13	15	20	19.5	21	0.06
0210 06001 ※※※	<b>WES1B</b>	M3 ~ M12 (M15) U1/4 ~ U7/16 (U9/16) Pipe(PT,PS,PF)1/8 ~ 1/4	1 32	32	19	19	17	25	21.5	25	0.15
0210 06040 ※※※	<b>WES40B</b>	M6 ~ M18 U1/4 ~ U3/4	40	40	25	26	30	27	32	30	0.3
0210 06002 ※※※	<b>WES2B</b>	M8 ~ M22 U3/8 ~ U7/8	2	50	30	31	30	31	35	33	0.6
0210 06003 ※※※	<b>WES3B</b>	M26 ~ M38 U1 ~ U1 3/8	3	72	47	48	44	41	55.5	45	1.5
—	<b>WES4B</b>	7/8 ~ 1-3/4 M22 ~ M48	4	95	60	60	71	61	63	68	

1. Tap sizes in brackets are for light tapping only.
2. Calculate tap projection length from L1 dimension.
3. Tapping chuck with compression device should be used together.
4. Specify PT, PS or PF when using a pipe tap, as each of them has various safety torque value.
5. L1 and L6 dimensions fluctuate with tap sizes. Always take into account  $\pm 1.5$ mm allowance.
6. Refer to P.462 for tap shank dia. and square dimension.

### Ordering Example

**WES1B M8J**  
Adapter size Tap size