



Item No.	Size name (mm)	Size (mm)					N.W. (g)
		Jaw opening	L	T	T1	T2	
MAN100	100	0~13	108	9	5.8	4.8	50
MAN150	150	0~20	158	11	7	5.6	125
MAN200	200	0~24	208	13.5	7.8	6.6	235
MAN250	250	0~29	258	15.5	8.9	7.5	405

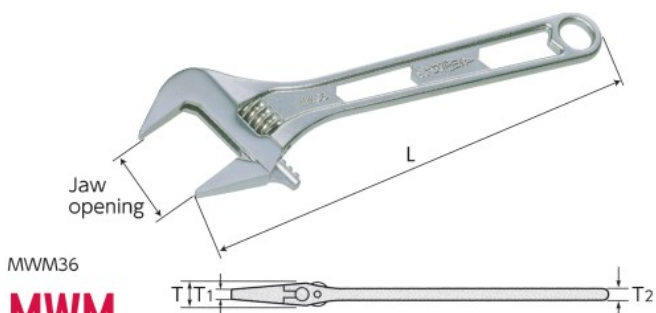
## MAN

### ADJUSTABLE ANGLE WRENCH (Heavy Duty Type) H <sup>Ⓜ</sup>

► **Feature** ● Loading capacity exceeds by far JIS H class.

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		Jaw opening	L	T	T1	T2	
MAN300	300	0~34	308	18.5	10.4	9.5	635
MAN375	375	0~44	384	20	13.4	10	1,136
MAN450	450	0~55	458	22.4	15.9	12.5	1,736

\* MAN450 is out of JIS standard.



## MWM

### WIDE ADJUSTABLE ANGLE WRENCH (Light-weight and Thin Type)

► **Features** ● Wider jaw design.  
● Efficient work with a thin and light-weighted body.  
● Light-weight and yet JIS H class strength.

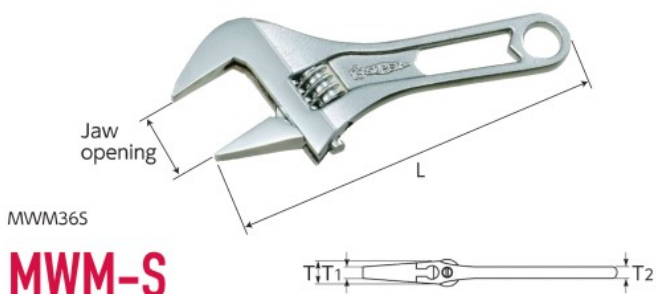
Item No.	Size name (mm)	Size (mm)					N.W. (g)
		Jaw opening	L	T	T1	T2	
MWM24	150	0~24	150	10.7	6	5	100
MWM30	200	0~30	203	12.5	6.6	5.7	185
MWM36	250	0~36	244	13.5	6.8	6.5	275

## MWM-(B·R·Y·H)

### WIDE ADJUSTABLE ANGLE WRENCH (Color Grip Type)

► **Feature** ● 4 different color grips for each MWM size.  
B: Blue R: Red Y: Yellow H: Grey

Item No.	Size name (mm)	Size (mm)					N.W. (g)
		Jaw opening	L	T	T1	T2	
MWM24(B·R·Y·H)	150	0~24	150.5	10.7	6	6	100
MWM30(B·R·Y·H)	200	0~30	203.5	12.5	6.6	6.7	185
MWM36(B·R·Y·H)	250	0~36	244.5	13.5	6.8	7.5	275



## MWM-S

### WIDE ADJUSTABLE ANGLE WRENCH (Light-weight and Short Type)

► **Features** ● Wider jaw design.  
● Efficient work with a thin and light-weighted body.  
● Light-weight and yet JIS H class strength.  
● Optimal for use in confined spaces.  
● Short, pocket size type.

Item No.	Size (mm)					N.W. (g)
	Jaw opening	L	T	T1	T2	
MWM24S	0~24	118.4	10.7	6	5	90
MWM30S	0~30	140.1	12.5	6.6	5.7	150
MWM36S	0~36	159	13.5	6.8	6.5	220

## MWM-(SB·SR·SY·SH)

### WIDE ADJUSTABLE ANGLE WRENCH (Color Grip and Short Type)

► **Feature** ● 4 different color grips for each MWM-S size.  
B: Blue R: Red Y: Yellow H: Grey

Item No.	Size (mm)					N.W. (g)
	Jaw opening	L	T	T1	T2	
MWM24(SB·SR·SY·SH)	0~24	118.9	10.7	6	6	90
MWM30(SB·SR·SY·SH)	0~30	140.6	12.5	6.6	6.7	150
MWM36(SB·SR·SY·SH)	0~36	159.5	13.5	6.8	7.5	220