



MAN

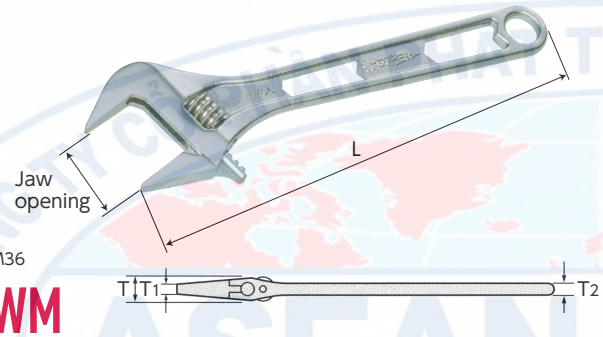
ADJUSTABLE ANGLE WRENCH (Heavy Duty Type) H JIS

▶ 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	
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

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.

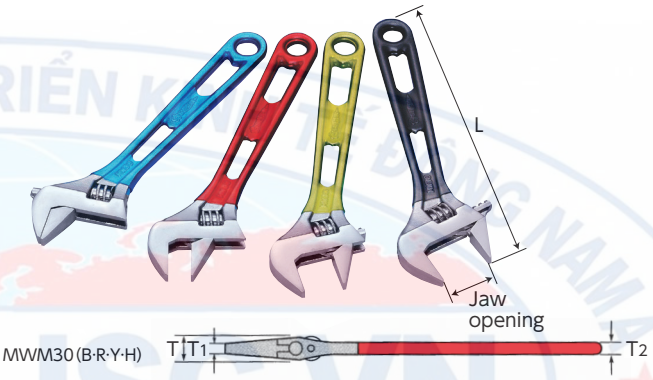


MWM

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

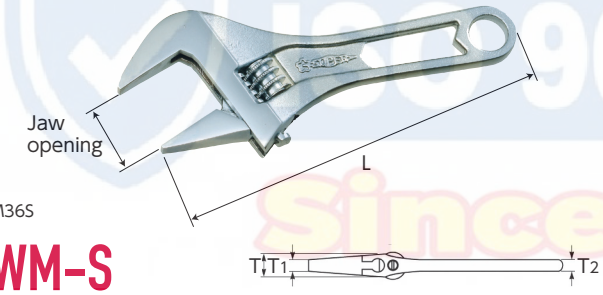


MWM-(B・R・Y・H)

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

●For all the appendix of the general hand tools & clamps, please refer to P.278~280