



HYBRID ADJUSTABLE ANGLE WRENCH

Hybrid adjustable angle wrench X W-ZERO

UM30XGB / UM36XGB

Pro-quality tightening without stripping or loosening

MADE IN
JAPAN

QUESTIONNAIRE RESULT OF OUR HANDS-ON EXHIBIT*

MORE THAN 80% CAN FEEL
ITS FUNCTIONAL DIFFERENCE

REFER TO
BACK SIDE
FOR DETAILS

99% CHOSE W-ZERO

* COMPARISON TEST WITH "W-ZERO" AND OTHER MODEL (ONLY WITH B-LESS FUNCTION)

W-ZERO



ZERO looseness
in vertical direction
G-LESS mechanism


&



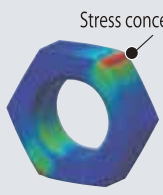
ZERO looseness
in direction parallel
B-LESS mechanism

+  X-DRIVE

X-DRIVE PAT.




Thanks to the stress relief structure by three face contact, "X-DRIVE" disperses more stress applied to the edges than the conventional models. Thus, can easily apply torque, enabling stable tightening and loosening work, without collapsing the edges.



Stress concentrated

Conventional model



Stress dispersed

X-DRIVE

G-LESS (loose grip prevention) mechanism PAT.




With the ball and spring inserted in the base of lower jaw, the looseness in vertical direction **A** will reduce. Thus, enabling stable tightening and loosening work.

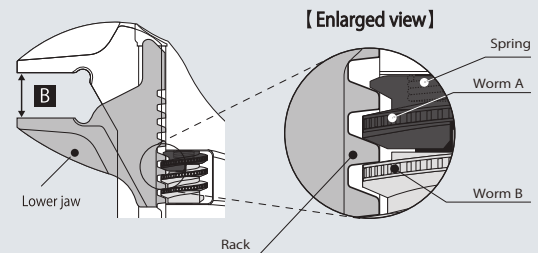
[Enlarged view]





B-less (backlash-free) mechanism



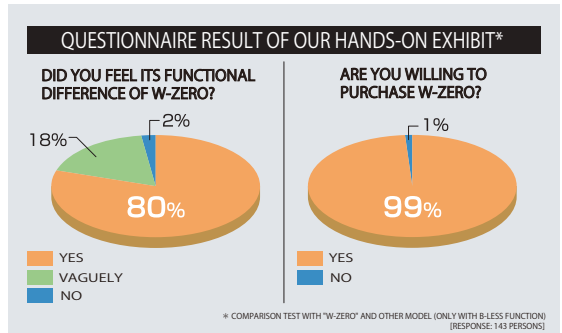
Using power of spring, the lower jaw rack is sandwiched by Worm A & Worm B to the point that there is no gapping. It prevents that the lower jaw is going to loosen in a direction parallel with the upper jaw **B** when re-gripping bolts/nuts.



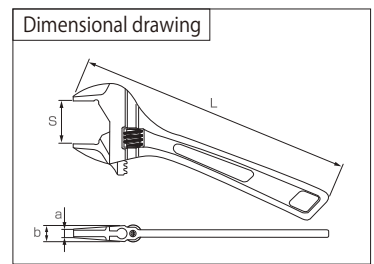
RFH (Round form handle)



Ergonomic round shape of handle



Model No.	Jaw Capacity	Bolt, nut maximum dimension	L	a	b	Weight
UM30XGB	8~30mm	M20	200mm	6mm	12mm	170g
UM36XGB	8~36mm	M24	250mm	7mm	14mm	300g



Caution for secure usage Be sure to read the instruction manual attached to the product carefully and make sure that you understand them thoroughly before using this tool.

● All dimensions are nominal and subject to tolerances. ● Specifications are subject to change without prior notice.

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