WASP CRAFT
HAND TOOLS INNOVATOR & MANUFACTURER

17 Quick Release Open-End Combination Wrench

DEMO VIDEO

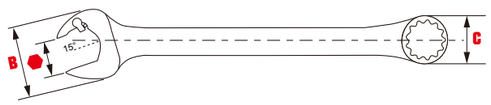
www.PEARLWAY.com

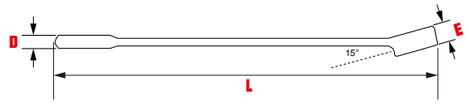
INNOVATIVE PATENT

The Quick Release Open-End Combination Wrenches (QR Series) were designed and manufacturered by New Way Tools in 2012.
It is designed to compliment regular open end wrench in speed and accuracy.

Quick Release Open-End Combination Wrench

- Open End with quick release enables users to tighten or loosen fasteners very fast without moving wrench from the top of the fastener's head repeatedly.
- It's not merely for fastening the original size fastener, also can fasten which is wore down and even one size down.
- It's also capable of being applied on the pipe fasteners rotation.
- Whole series of popular sizes from 8, 10, 12, 13, 14, 17 and 19mm.
- With endurable drop forged Chrome Vanadium Steel and good quality Chrome plated with polished.
- Torsion reach international standard.
- Public communique of patent invention announcement made.
- Easy to clean.





CR-V 6135

Part No.	SAE	METRIC	L inch	L mm	B inch	B mm	C inch	C mm	D inch	D mm	E inch	E mm	lb	g		CTN
QR08	3/8	08	5 5/8	142.5	51/64	20.1	17/32	13.6	13/64	5.2	1/4	6.4	0.08	35	12	36
QR10	7/16	10	6 23/64	161.3	15/16	24.0	41/64	16.1	1/4	6.2	9/32	7.0	0.10	46	12	36
QR12	1/2	12	6 55/64	174.0	1 3/32	27.6	3/4	19.2	17/64	6.8	21/64	8.3	0.16	73	12	36
QR13	9/16	13	7 3/32	180.1	1 11/64	29.9	25/32	20.0	9/32	7.0	21/64	8.2	0.17	77	12	36
QR14	5/8	14	7 35/64	191.7	1 17/64	32.1	55/64	21.8	9/32	7.2	11/32	8.9	0.21	97	12	36
QR17	11/16	17	8 29/32	225.9	1 1/2	38.1	1 1/16	26.9	21/64	8.4	27/64	10.7	0.35	159	12	36
QR19	3/4	19	9 13/16	249.4	1 11/16	42.7	1 9/64	29.1	3/8	9.6	15/32	12.1	0.48	219	12	36

7PCS
Quick Release Open-End Combination Wrench Set

- Supplied in Plastic Reusable Storage Rack

Part No.		Description	lb	g
584007-01	7	QR Series 08mm(3/8"); 10mm(7/16"); 12mm(1/2"); 13mm(9/16"); 14mm(5/8"); 17mm(11/16"); 19mm(3/4")	2.06	933

7PCS
Quick Release Open-End Combination Wrench Set

- Supplied in Plastic Resuable Storage/Carry Rack

Part No.		Description	lb	g
584007-02	7	QR Series 08mm(3/8"); 10mm(7/16"); 12mm(1/2"); 13mm(9/16"); 14mm(5/8"); 17mm(11/16"); 19mm(3/4")	1.84	836

Quick Release Open-End Combination Wrench

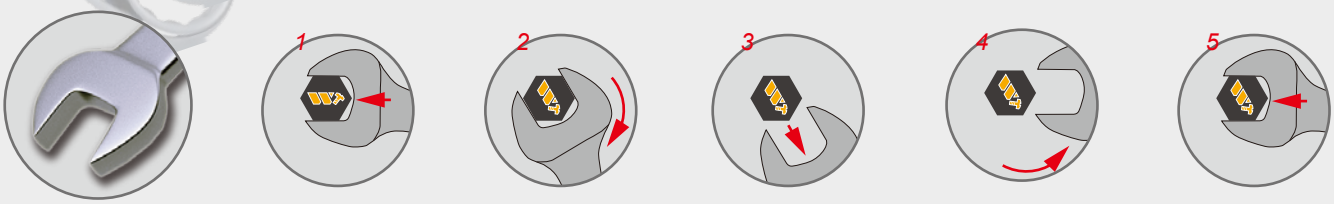
High Lights

COLOR PRINTING

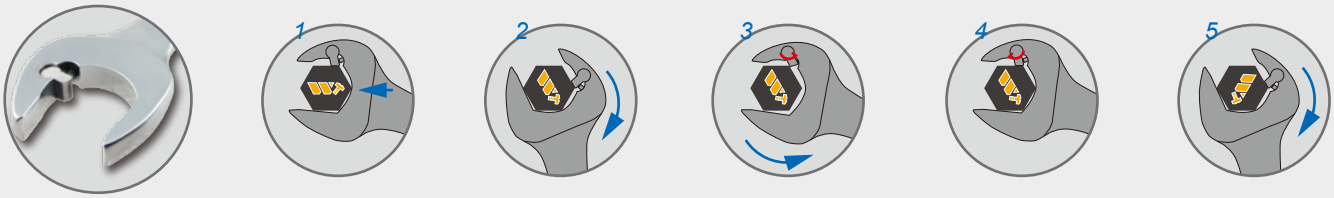
New Way tools developed new innovative technology in Color-Printing with many mono-color choices. Colors are coded by the combination of C.M.Y.K. numbers. Customers can customize the logo, trademark, icons and letters on their own with different C.M.Y.K colors in order to make their Quick Release Combination Wrench more outstanding and unique in appearance.

Operating Comparison

Traditional Open-End Wrench - Operation Instruction

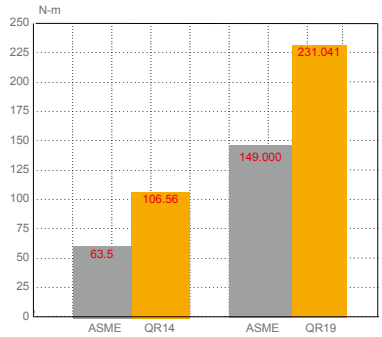


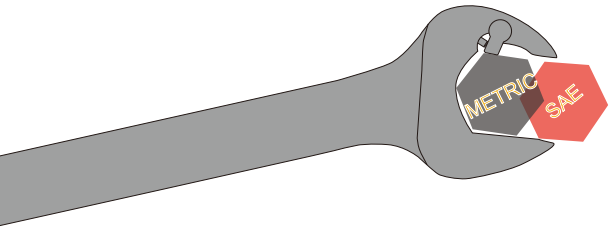
Quick Release Open-End Wrench - Operation Instruction



Specification

Material	: Hot drop forged, precision hardened and tempered CR-V 6140 Steel
Hardness	: HRC 40-48
Finish	: Durable Mirror Finished Plated.
Features	: Ring end offset from shaft at 15˚. Open end angled at 15˚.
Standard	: DIN 3113, ISO 3318
Torque	: QR19 (19mm) 231.041 N-m (55% Exceeds ASME Standard) QR14 (14mm) 106.560 N-m (67% Exceeds ASME Standard)





Dual Suitability in Metric and SAE

Each QR Series Wrench can operate not only Metric hexagon headed nuts/bolts/screws, but also SAE nuts/bolts/screws that has 20% tolerance of width shortage.

For Example:

19mm QR Wrench works on 18mm & 19mm nuts, and 3/4" nuts as well.

Worn-Out Nut Solution

Box Ratchet Wrench

When nut is severely worn out, Box Ratchet is not able to turn nut, not to mention the ratcheting function.

Open End Wrench

Normally the Open End Wrench is still able to turn the nut, but slowly due to lack of ratcheting function.

QR Series Wrench

As long as the traditional Open End Wrench can turn the nut, QR Series Wrench is definitely can.

Depending on how the nut is worn out, there is 10% tolerance of diagonal shortage that Quick Release function is still workable.

Which means, users can still enjoy the speedy and efficient performance that QR series wrench could bring in most of the situation.