



PROTO

**WE'RE OUT TO MAKE WORK, LESS WORK. ONE TURN
OF THE WRENCH AT A TIME.**

That begins with a comprehensive product line that puts the right wrench for the task in your hand.

Ours includes standard, extra long, flex-head, angle-head, box, deep offset box, ratcheting box,

obstruction, adjustable, flare nut, striking, slugging, spanner and ... you get the point. Most of these

incorporate time (and knuckle) saving features like Anti-Slip Design™ technology on open ends and

TorquePlus™ drive configurations on box ends. And all wrenches are forged, polished and finished to last.

ENGINEERED FOR INDUSTRY

Proto® offers a wide range of sizes for many types of ends, with innovations like ratcheting splines and flex-head sockets. We also offer a wide range of angled and bent offsets to meet specific job applications.

Chrome plating to aerospace standards where applicable.

Precision broached for tight tolerances.

Premium alloy steel for strength.

Anti-Slip Design locks the fastener into place.

ASD increases the applied force to the flat of the fastener and away from corners.

FINISHES AVAILABLE



Polish Chrome Satin Chrome Black Oxide Black Chrome

DIFFERENT KINDS OF OFFSETS

- › **Angled Offsets:** The end lies flat with the handle, and the end turns either left or right.
- › **Bent Offsets:** The end is centered with the handle, but bent. The end does not lie flat.
- › **Deep Offsets:** Two bends offset the handle away from the end for better clearance.

DIFFERENT KINDS OF ENDS



RATCHETING SPLINE

RATCHETING

OPEN END

BOX END

FLARE NUT

FLEX-HEAD

WRENCH GUIDE

COMBINATION WRENCHES

Same sizes of two different types.



DOUBLE BOX AND OPEN END WRENCHES

Two different sizes of the same type.



RATCHETING WRENCHES

Reversables have an offset. Non-Reversables are flat.



CROWFOOT WRENCHES

With locking extensions to reach around obstacles.



PIPE WRENCHES

Available in Aluminum and Cast Iron.



STRIKING WRENCHES

Hit them with a hammer. Available with flat or offset ends.



ADJUSTABLE WRENCHES

Featuring Klik-Stop®. The wrench clicks at different sizings so you can feel your adjustments without looking.



INSULATED WRENCHES

Insulated to 1000V AC or 1500V DC.

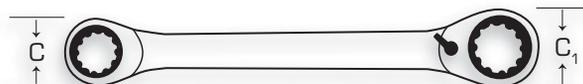


X-LARGE WRENCHES

For work on oversized equipment.

BLACK CHROME DOUBLE BOX REVERSIBLE RATCHETING WRENCHES - SPLINE

- › Black chrome finish is corrosion resistant and visually distinctive.
- › Ratcheting spline box end is countersunk for easy application to the fastener.
- › Spline design was created for use with specialty spline bolts which are used when weight and size of bolt heads must be minimized.
- › Spline design enables the wrench to contact conventional fasteners away from the corners, which help apply force over a large area helping to reduce risk of fastener rounding.
- › Spline design also helps prevent rounding of corners and other fastener damage that could lead to Foreign Object Damage (FOD).
- › The fractional spline wrenches can be used on fractional 4, 6, 12 point and spline fasteners.
- › The high contact surface area which is away from fastener points enables turning of highly rounded fasteners.



Product #	Size (in)	Outside Head Width (in) (C)	Head Thickness (in) (D)	Head Thickness (in) (D1)	Overall Length (in)	Weight (lbs)
JSBV0709	7/32 x 9/32	11/16	1/8	1/8	4-1/2	0.08
JSBV0810	1/4 x 5/16	11/16	1/8	1/8	4-1/2	0.08
JSBV1214	3/8 x 7/16	7/8	1/8	1/8	5-15/16	0.12
JSBV1618	1/2 x 9/16	1	3/16	3/16	7-1/16	0.23
JSBV2022	5/8 x 11/16	1-3/16	3/16	3/16	7-7/8	0.35
JSBV2428	3/4 x 7/8	1-5/8	1/4	1/4	9-5/8	0.63
JSBV2630	13/16 x 15/16	1-13/16	1/4	1/4	10-1/4	0.84
JSBV3236	1 x 1-1/8	2-5/16	5/16	5/16	11-5/8	0.95

4 PIECE RATCHETING WRENCH ADAPTER SET

Product #: **JHA4S**

- › Full polish finish provides corrosion resistance and easy clean surfaces.
- › Converts ratcheting wrench into super-thin ratchets or ratcheting bit drivers.
- › Inserts into box end with a stable locking and release mechanism.
- › Converts:
 - › 3/8" Ratcheting Wrench to 1/4" Drive Bit Adapter
 - › 3/8" Ratcheting Wrench to 1/4" Drive Adapter
 - › 1/2" Ratcheting Wrench to 3/8" Drive Adapter
 - › 3/4" Ratcheting Wrench to 1/2" Drive Adapter
- › Weight (lbs): 0.21



4 PIECE METRIC RATCHETING WRENCH ADAPTER SET

METRIC

Product #: **JHAM4S**

- › Full polish finish provides corrosion resistance and easy clean surfaces.
- › Converts ratcheting wrench into super-thin ratchets or ratcheting bit drivers.
- › Inserts into box end with a stable locking and release mechanism.
- › Easy to read markings.
- › Converts:
 - › 10 mm Ratcheting Wrench to 1/4" Drive Bit Adapter
 - › 10 mm Ratcheting Wrench to 1/4" Drive Adapter
 - › 13 mm Ratcheting Wrench to 3/8" Drive Adapter
 - › 19 mm Ratcheting Wrench to 1/2" Drive Adapter
- › Weight (lbs): 0.22

