



ENGLISH

Spanner Sets

12 PC Reversible Gear Spanner Set



[RS Stock no. 487-280](#)

**Material**

Drop forged chrome vanadium Steel (cr-v#6140) for spanners body
Chrome molybdenum steel (Scm-440) for ratchet gear and Pawl

Finish

Chrome plated with mirror polish spanner body Phosphate finish for ratcheting gear

Hardness

Heat treated to HRC 42~48 for wrench body
HRC 48~52 for ratcheting gear and pawl

Contents

12pc-72 teeth reversible ratcheting combination spanners (5 degrees for each ratcheting)

Black colour injection rack

Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

Remarks

Hardness of spanner body meets din 899-row ii

Torque tests of box end meet din 899-row

Open end meet Din 899-row c and go, no-go gauges of both box and open end meet din 475 part row 1 requirements

Features

Surface drive design nearly eliminates fastener rounding.

No need to remove from fastener to change direction with compact reversing lever and additional knuckle clearance provided by 15 percent off-set.

Ratcheting box end needs as little as 5 degree to move fastener vs 30-degree for standard box end wrench.

Mirror chrome finish all metal construction