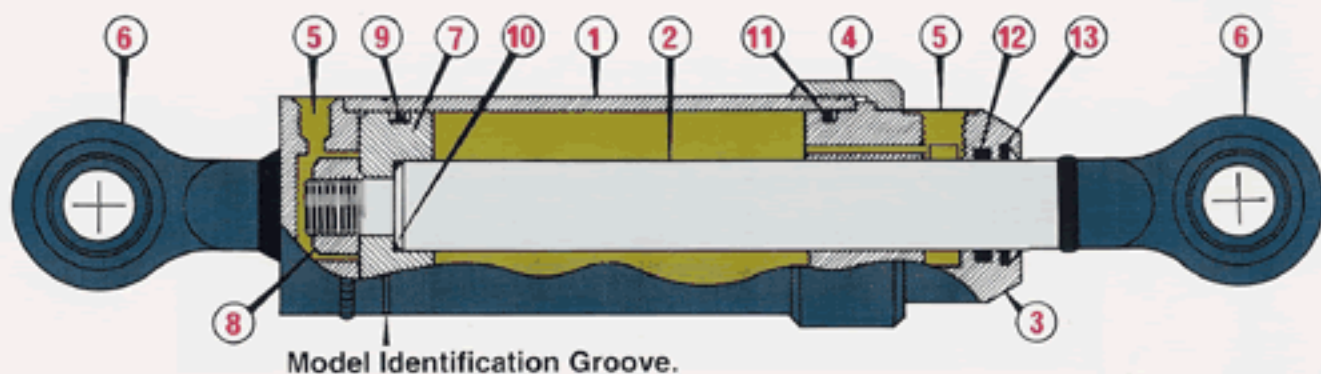


Baker Hydraulic's "Top Link" Hydraulic Cylinders have been developed from the proven "Apex II" design and come complete with standard Cat.II

self aligning bearings at both ends, specially designed to facilitate attachment to 3 point linkage equipment.



Made in Australia



Model Identification Groove.

- 1. Cylinder Barrel** - Machined from cold drawn seamless Hydraulic Tube according to ASTM A513, Grade 1026 SRA, stress relieved, precision honed and welded.
  - 2. Piston Rod** - Machined from hard chrome Steel Bar Grade 1045 (Tensile strength 52 tons - 800 MPa) cold drawn, precision ground and hard chrome plated with a minimum deposit of .025mm (.001")
  - 3. Gland** - Machined from high strength Ductile Iron Castings up to AS1831 Grade 800 (Tensile strength 52 tons - 800MPa)
  - 4. Gland Retaining Nut** - Internally threaded for easy seal access and machined from ASTM A513 Grade 1026 steel (Tensile strength 38 tons - 585 MPa).
  - 5. Ports** - Standard 3/4" UNF o'ring ports machined flush with cylinder barrel. Gland port can be rotated once cylinder is mounted, if required.
  - 6. Standard Cat.II** - Self aligning bearings each end to suit 1" diameter pins. Cat.I reducing bush (for 3/4" dia. pin) can be supplied on request.
  - 7. Piston** - machined from continuous cast pearlitic Grey Iron Grade AS1830 (Tensile strength 17 tons - 250MPa).
  - 8. Piston Nut** - Machined from High Grade Alloy Steel to AS2465 Grade 8 (Tensile strength 67 tons - 1030MPa).
  - 9. Seal-Piston to Barrel** - High performance T-ring piston seal with back up rings.
  - 10. Seal - Piston to Piston Rod** - O' ring positive seal to piston and piston rod.
  - 11. Gland Seal - Gland to Barrel** - O' ring with contour shaped back up ring.
  - 12. Gland Seal - Gland to Piston Rod** - Double lipped single acting seal.
  - 13. Rod Wiper** - Flexible wiper seal with effective scraping lip and pressure relief nibs.
- Working pressures up to 3000psi (207bar).
  - Non standard stroke Top Link Cylinders to the same exacting standards can also be manufactured on request.
  - Baker Hydraulics' Top Link Cylinders can be easily identified by a four digit number stamped into the barrel at the rear clevis end.

