

The Jelly Process Manufacturing



Highlights

BPT JELLY filled Hydraulic Chuck

- Because of SOLID JELLY totally LEAKAGE
 Free
- No SLIPPAGE Of Cutting tool hold in Chuck due to HIGH Transmittable Torque achieved because of SOLID JELLY
- PERFECT VIBRATION DAMPING due to PATENTED SILICON JELLY
- Repeatability of 3 micron TIR over 50000 Clamping & De-clamping Cycles of JELLY FILLED HYD Chucks
- . More Than 10-Years life so lowest CPC:

Competitor OIL filled Hydraulic Chuck

- Because of LIQUID OIL frequently LEAKAGE problems
- Frequently Tool SLIPPAGE Problem due to viscosity of EIQUID OIL
- No Guarantee of VIBRATION DAMPING due to Local Hydraulic LIQUID OIL
- No Guarantee of REPEATABILITY due to Local Hydraulic LIQUID OIL LEAKAGES
- Less Than 5-Years life so highest CPC:





Advantages of BPTs JELLY Filled Hydraulic Chucks Over Competitors OIL Filled Hydraulic Chucks

BPT JELLY filled Hydraulic Chuck

Competitor OIL filled Hydraulic Chuck

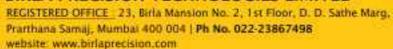
- Patented SILICON JELLY as a PRESSURING medium.
- ZERO Down and set up time due to NO LEACKAGE
- Hence NIL cost due to Zero Down and Set up Time
- Based on Bore Diameter HIGH Transmittable Torque more than 800NM
- Transmittable TORQUE is 1.5 Times HIGHER than OIL FILLED
- IMPROVED SURFACE FINISH because of SOLID RUBBERISED patented SILICON JELLY
- HIGHER cutting, tools cutting EDGE LIFE, 50% longer because of JELLY
- LOWEST cutting tool COST PER PIECE
- Peacefully HIGHER Work, piece ACCURACY
- Guaranteed TIR within 3 Micron at nose and 5 Micron at 4 times of the cutting tool shank Diameter
- Defined Piston Stroke stop guarantees against specified clamping force due to solid jelly
- Cutting Performance is far less susceptible to heat generated due to cutting during operation
- BPTs, ALL JELLY FILLED Hydraulic Chucks are PERFECTLY Balanced to 6.3 @ 15K with Authenticate Balancing Certificate
- JELLY FILLED Hydraulic Chucks are EASY TO REPAIR and REUSE again after 10 Years, if perfectly preserved after use

- Local General HYDRAULIC OIL as a PRESSURING medium
- Down and Set up time is HIGH due to FREQUENT OIL LEACKAGE
- Non-Value Added (NVAs) High due to HIGH Down and Set up time
- Based on Bore Diameter LOW Transmittable Torque
- Transmittable TORQUE is 1.5 Times LOWER than JELLY FILLED
- Rough SURFACE FINISH comparatively patented SILICON JELLY Hydraulic Chucks
- LOWER Cutting, Tools Cutting EDGE LIFE
- . HIGH Cutting Tool Cost Per pcs
- Frequently HEAD ACE, INACCURATE Work Piece due to OIL LEAKAGE / Set up Change / Tool Changes etc.
- No Guarantee, frequent losses in the TIR due to Viscosity of oil in Summer and Cold climate
- No Piston Stroke stop guarantee against specified clamping force due to LIQUID OIL
- Liquid Hydraulic Oil SEAL FAILS during Cutting Operation due to HEAT Generation during operation
- Stays balanced, but no Guarantee whether it's balanced or not
- Due to Frequent Oil Leakages, very Hard to repair and Replace the Seals Can not Repair





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