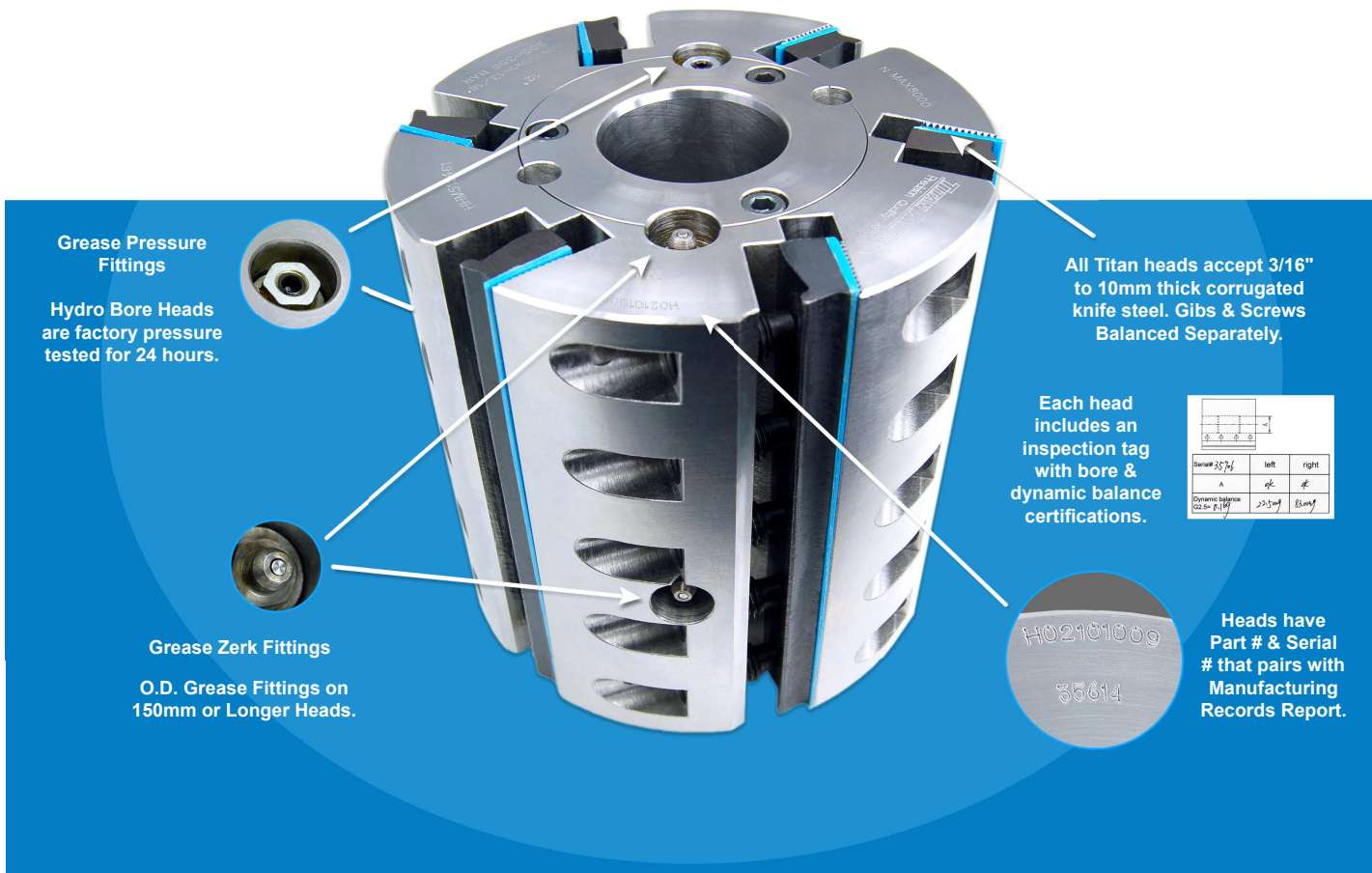


Titan Corrugated Cutterhead Analysis (Straight & Hydro Bore)

| | | TITAN | | German | Popular Brands |
|---|----------------------|---|---|------------------------|------------------------|
| Balance Tolerance | <i>Straight Bore</i> | ISO G-1.8 to G-2.5 | Multi-Plane Computer Dynamically Balanced | ISO G-2.5 | ISO G-2.5 |
| | <i>Hydro Bore</i> | ISO G-1.0 to G-1.8 | | | |
| Pocket Concentricity | <i>Straight Bore</i> | .0023" (.06 mm) | | N/A | N/A |
| | <i>Hydro Bore</i> | .0018" (.05 mm) | | | |
| Bore Tolerance | | + 5 to + 20 Microns * * Dependant on Bore Size & Hydro Bore Style | | + 5 to + 20 Microns | N/A |
| Material | <i>Head</i> | Stress relieved, heat treated, high strength, high alloy steel. (ANSI 5140HT) HB200-220 Hardness. | | Heat Stabilized Steel | Premium Hardened Steel |
| | <i>Hydro Sleeve</i> | (ANSI 4142HT) HB240-260 Hardness | | | |
| RPM Head Rating | | 9000 RPM 100, 122, & 137 mm Dia. | | 8000 RPM | N/A |
| | | 8000 RPM for 150mm Diameter | | 8000 RPM | 8000 RPM |
| | | 6000 RPM for 163mm Diameter | | N/A | N/A |
| List Price Comparison | | | | | |
| Straight Bore - 122mm Dia., 150mm Cut Length, 1-1/2" Bore, 4 Pocket, Dual Hook | | \$303.24 | | Around 79% Higher Cost | Around 40% Higher Cost |
| Hydro Bore - 150mm Dia., 150mm Cut Length, 1-13/16" Bore, 6 Pocket | | \$611.13 | | Around 96% Higher Cost | Around 41% Higher Cost |

With equal or greater quality, Titan heads are a more cost effective option.



Grease Pressure Fittings

Hydro Bore Heads are factory pressure tested for 24 hours.

Grease Zerk Fittings

O.D. Grease Fittings on 150mm or Longer Heads.

All Titan heads accept 3/16" to 10mm thick corrugated knife steel. Gibs & Screws Balanced Separately.

Each head includes an inspection tag with bore & dynamic balance certifications.

| Serial # | left | right |
|-----------------|--------|-------|
| A | pk | # |
| Dynamic Balance | 2.25mm | 8.0mm |



Heads have Part # & Serial # that pairs with Manufacturing Records Report.