

TITAN CORRUGATED CUTTERHEAD ANALYSIS

HYDRO & STRAIGHT 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 *		+ 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

**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	gk	pk
Dynamic balance (G.M. P.1)	20.5mg	23.0mg

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

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