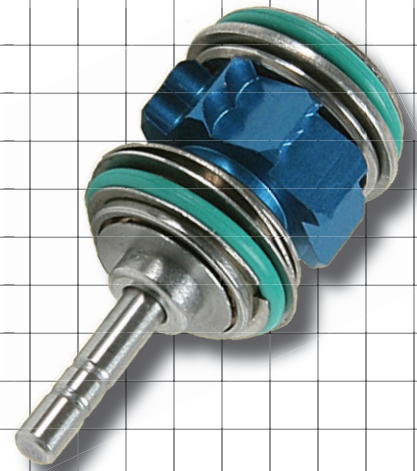
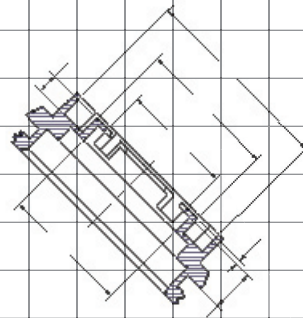
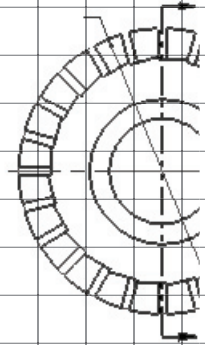
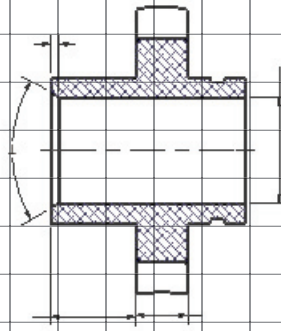
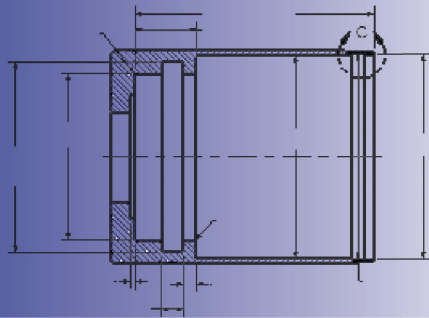
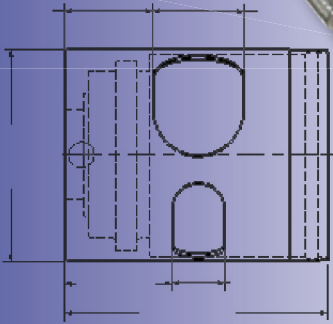


Wholesale Parts Catalog

Volume II



Handpiece Parts and Products Inc.

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www.handpieceparts.com

www.facebook.com/handpieceparts

Volume II

Welcome

We are very proud to present the latest Handpiece Parts & Products wholesale catalog to you. As always, HPP offers the best wholesale pricing in the industry. We manufacture over 95% of our inventory items. All manufactured items meet and in many cases, exceed original manufacturer specifications. We are also proud to offer you our wholesale handpiece repair service.

We are the largest, and best after-market parts manufacturer in the dental industry. We welcome the largest and smallest dental dealers and handpiece repair facilities as customers. We want to earn and keep your business and we strive everyday to do everything we can to make sure that happens. Thank you for giving us that opportunity.

Disclaimer

Midwest; Quiet Air, Tradition, XGT, 8000 Tru Torc, Shorty, RDH. Star; Vista/430, Concentrix, Futura, Ultra, Titan, Titan3, .Kavo; Contact Air, Bella Torque, Super Torque, Mira Lux, Magno, Compact. Lares; 557, 757. NSK; Phatelus, Push & Swivel, Super Grade, Pana Air. W&H/Adec; Synea. Bien Air; Ondine, Bora, Black Pearl, Prestige, Lab. Athena Champion; LittleGuy; MicroMite; are all registered trade names. No implication is made that any of these products are original factory products or that any of these companies endorse our products.

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After-market Definition

An after-market part or product is a new part or product that is manufactured by someone other than the original equipment manufacturer that either meets or exceeds the same stringent guidelines and or specifications of the OEM.

The benefit of using an after-market product is that you are able to get the same quality product at a substantially lower cost than if you had purchased an OEM product. With the savings in bottom line costs, this allows a higher return on investment without having to compromise on product quality.

Here at Handpiece Parts and Products Inc. we offer you the highest quality after-market product. When using our after-market parts, you in no way compromise the quality or durability of the product. We use the highest graded components in the assembly of our products, with all components meeting or exceeding industry requirements.

What makes HPP unique from other manufacturers is that HPP has dedicated its focus to producing the best quality after-market parts and products for over a quarter of a century.

Our professionalism and expertise is unsurpassed in the industry. We've built our reputation upon this principle. Anyone can try to produce an after-market product. Due to the unique requirements and detailed-driven demands for precision and accuracy, trust only in the HPP name when after-market quality is a must for you and your customers.



Our Mission

As the single best source of handpiece replacement parts in the dental industry, we believe that the measure of a company's reputation is not merely based on the quality of products that it delivers alone. It is a combination of the product quality as well as the dedication of the company's employees to understanding the needs and challenges of each customer and being able to offer up solutions in a quick and timely manner which merits separation from the norm.

We will build new business relationships. We will work as a team to exceed each and every expectation each customer has and will give nothing less than 100% to overcome any obstacles that we may encounter. It is every employee's responsibility and duty to offer suggestions that may improve either product quality or customer relations.

Through teamwork and commitment to the policies developed by management, we will meet and exceed our customer's expectations and thereby develop a long lasting relationship which will ensure the continued success of HPP.

By taking on industry challenges and offering solutions in a quick and efficient manner, we will strengthen our reputation of being the best in the industry. We are committed to growth and stability, by helping every customer with their growth and stability. Working together, we will remain the largest and best source for replacement parts in the industry.



Handpiece Parts and Products Inc. (800) 368-3684

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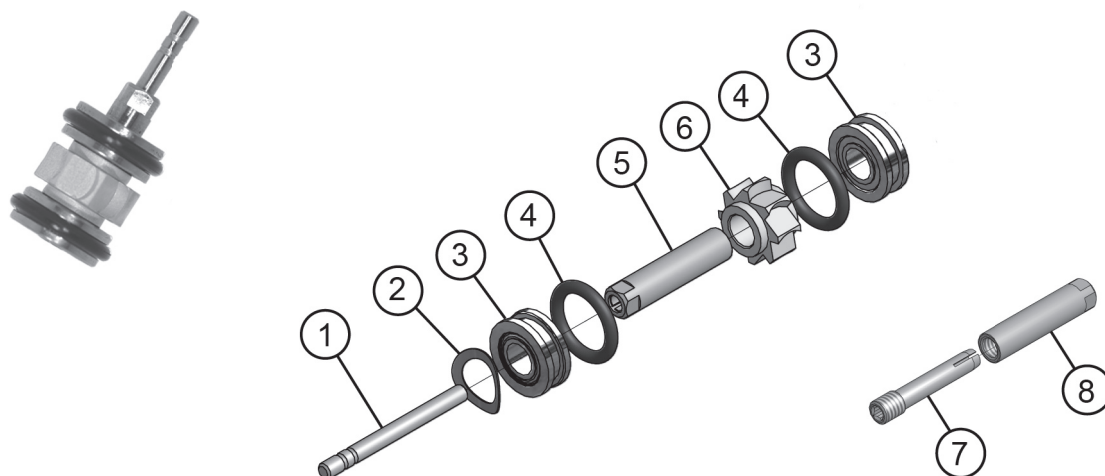
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Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMQ104	Loading Spring	\$0.040
3]	056*	Bearing (grooved)	\$8.60
4]	HHC180	O'ring (black)	\$0.65
5]	HHC109	Spindle / Collet Assembly w/o Impeller	\$8.00
6]	HHQ108	Impeller	\$4.00
7]	HHC106	Collet (chuck)	\$4.00
8]	HHC107	Spindle	\$4.00

Accessories ~ not pictured

HSV131S	Bur Wrench	\$4.00
HHC110	Cap	\$2.50
HHC230	Cap Wrench	\$3.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HAO190*	Bearing Kit	\$18.08
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Turbine Assemblies

HAO100*	Complete Turbine	\$21.00
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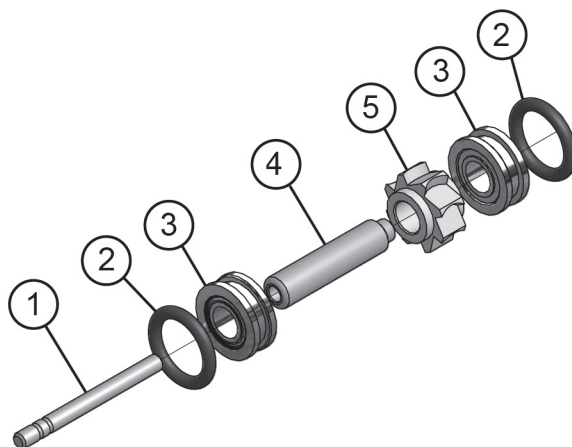
* Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

ATHENA / CHAMPION

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HHC180	O'ring (black)	\$0.65
3]	056*	Bearing (smooth)	\$8.60
4]	HAO209	Spindle Collet Assembly w/ Impeller	\$29.75
5]	HHQ108	Impeller	\$4.00

Accessories ~ not pictured

HHC230	Cap Wrench	\$3.00
HHC210	Push Button Cap	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HAO190*	Bearing Kit	\$18.08
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Turbine Assemblies

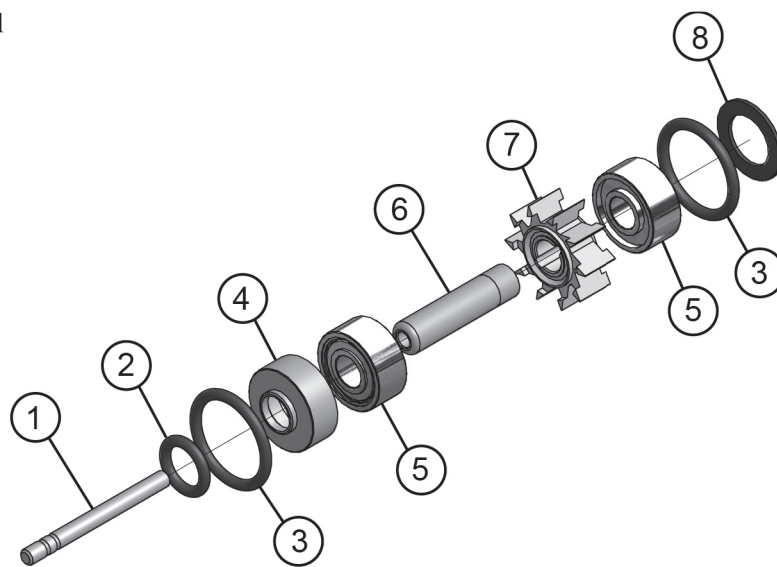
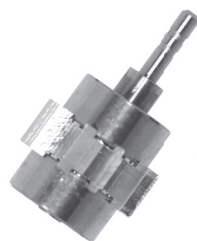
HAO200*	Complete Turbine Assembly	\$63.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Friction Grip Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBB181	O'ring - small (black)	\$0.40
3]	HBB180	O'ring - large (black)	\$0.40
4]	HBB112	Bearing Cup	\$3.17
5]	009*	Bearing	\$5.83
6]	HBB409	Spindle Collet Assembly w/ Impeller	\$25.00
7]	HBB108	Impeller	\$9.00
8]	HBB182	Head Washer	\$0.55

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HBB190*	Bearing Kit	\$14.53
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Turbine Assemblies

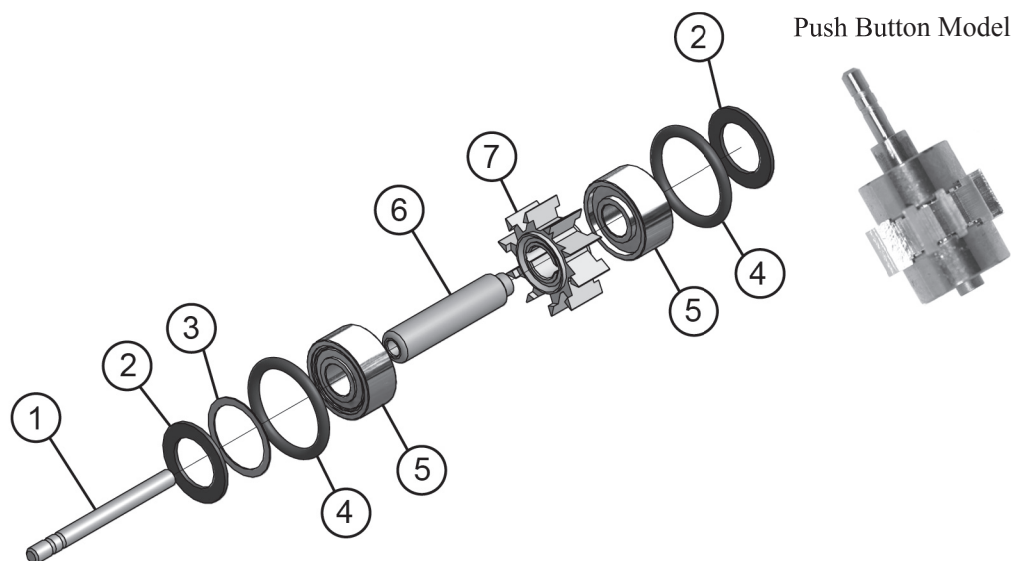
HBB400*	Complete Turbine	\$54.00
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* Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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BIEN AIR BLACK PEARL



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBB182	Head Washer	\$0.55
3]	LMX064	Washer	\$3.82
4]	HBB180	O'ring (black)	\$0.40
5]	009*	Bearing	\$5.83
6]	HBB209	Spindle Collet Assembly w/ Impeller	\$30.00
7]	HBB108	Impeller	\$9.00

Accessories ~ not pictured

HBA130	Outer Cap Wrench	\$12.00
HBA230	Inner Cap Wrench	\$24.35
HBA210.4	Inner Cap Housing	\$8.10
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HBB290*	Bearing Kit	\$14.46
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Turbine Assemblies

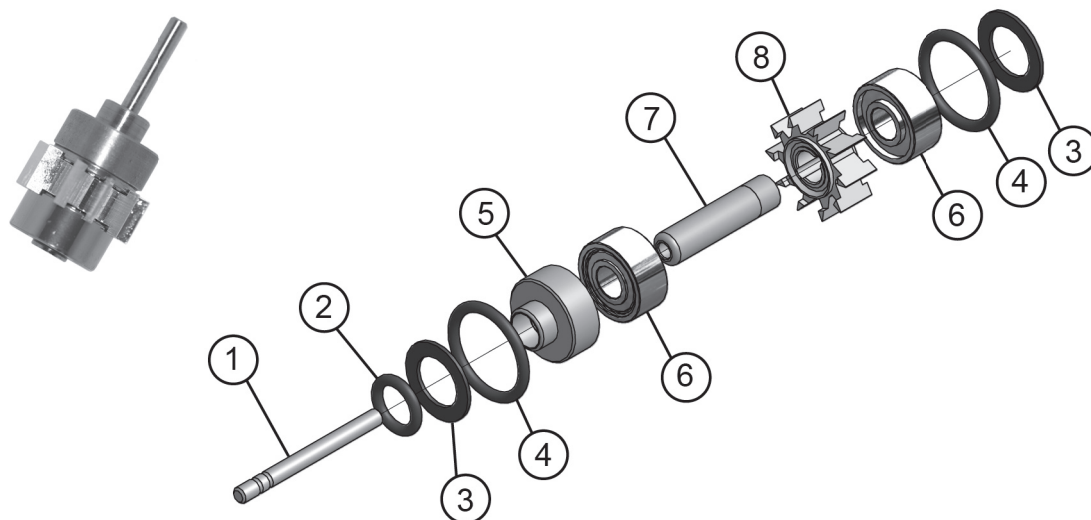
HBB200*	Complete Turbine Assembly	\$63.00
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*** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H**

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Friction Grip Model

**Components**

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBB181	O'ring - small (black)	\$0.40
3]	HBB182	Head Washer	\$0.55
4]	HBB180	O'ring - large (black)	\$0.40
5]	HBL112	Bearing Cup	\$4.50
6]	009*	Bearing	\$5.83
7]	HBL409	Spindle Collet Assembly w/ Impeller	\$25.00
8]	HBB108	Impeller	\$9.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HBL290*	Bearing Kit	\$14.52
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Turbine Assemblies

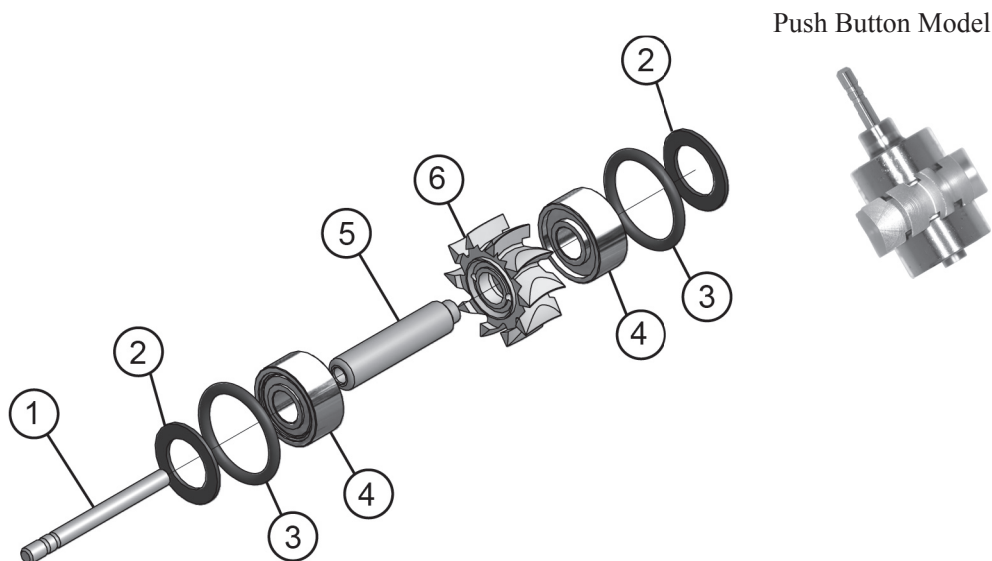
HBL400P*	Complete Turbine	\$65.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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BIEN AIR BORA S36 / S36L



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBB182	Head Washer	\$0.40
3]	HBB180	O'ring (black)	\$0.40
4]	009*	Bearing	\$5.83
5]	HBR209	Spindle Collet Assembly w/ Impeller	\$36.00
6]	HBR108	Impeller	\$12.25

Accessories ~ not pictured

HBR210.4	Inner Cap Housing	\$8.10
HBA130	Outter Cap Wrench	\$12.00
HBA230	Inner Cap Wrench	\$24.35
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HBR190*	Bearing Kit	\$12.58
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Turbine Assemblies

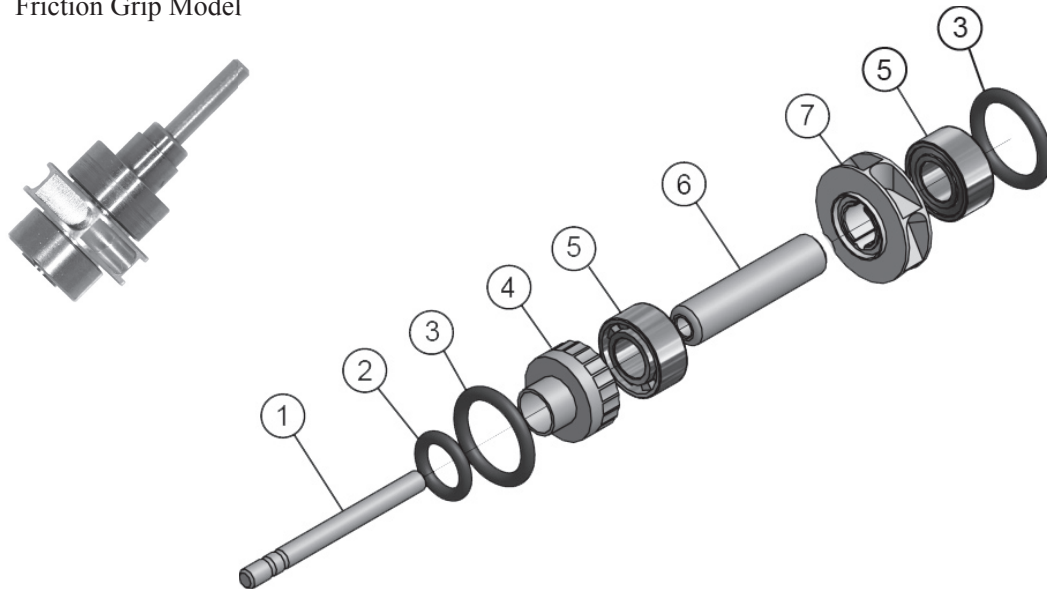
HBR200*	Complete Turbine Assembly	\$63.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Friction Grip Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBO182	O'ring - small (black)	\$0.50
3]	HKC180	O'ring - large (black)	\$0.40
4]	HBP113	Bearing Cup	\$3.25
5]	052*	Bearing	\$7.72
6]	HBO409	Spindle Collet Assembly w/ Impeller	\$25.00
7]	HBO108	Impeller	\$7.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HBO190*	Bearing Kit	\$16.87
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Turbine Assemblies

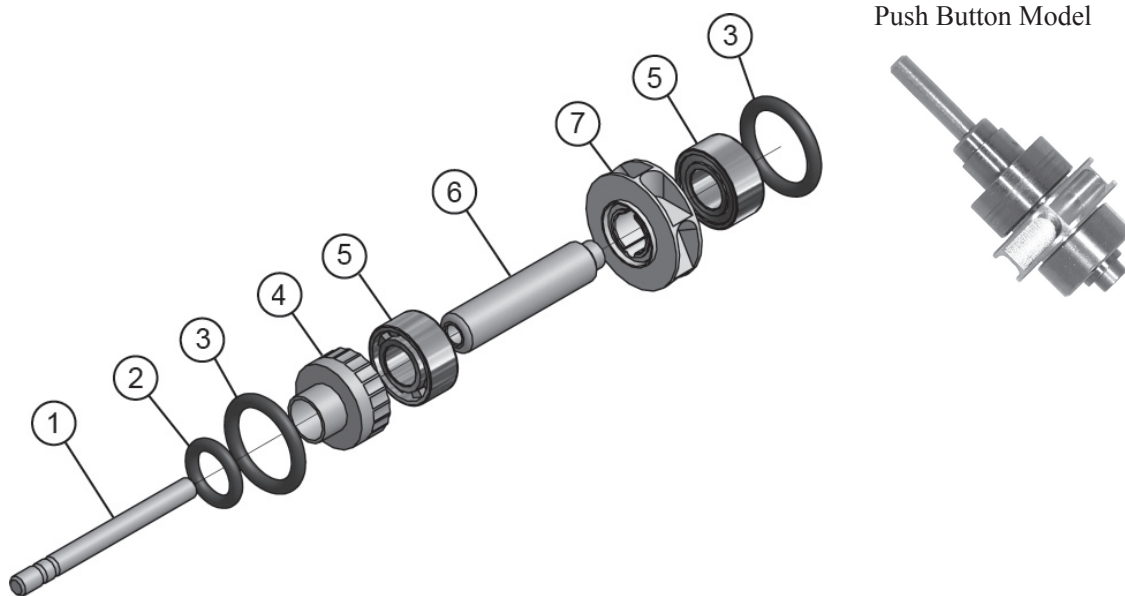
HBO400*	Complete Turbine	\$54.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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BIEN AIR O'NDINE



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBO182	O'ring - small (black)	\$0.50
3]	HKC180	O'ring - large (black)	\$0.40
4]	HBP113	Bearing Cup	\$3.25
5]	052*	Bearing	\$7.72
6]	HBO209	Spindle Collet Assembly w/ Impeller	\$30.00
7]	HBO108	Impeller	\$7.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HBO190*	Bearing Kit	\$16.87
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Turbine Assemblies

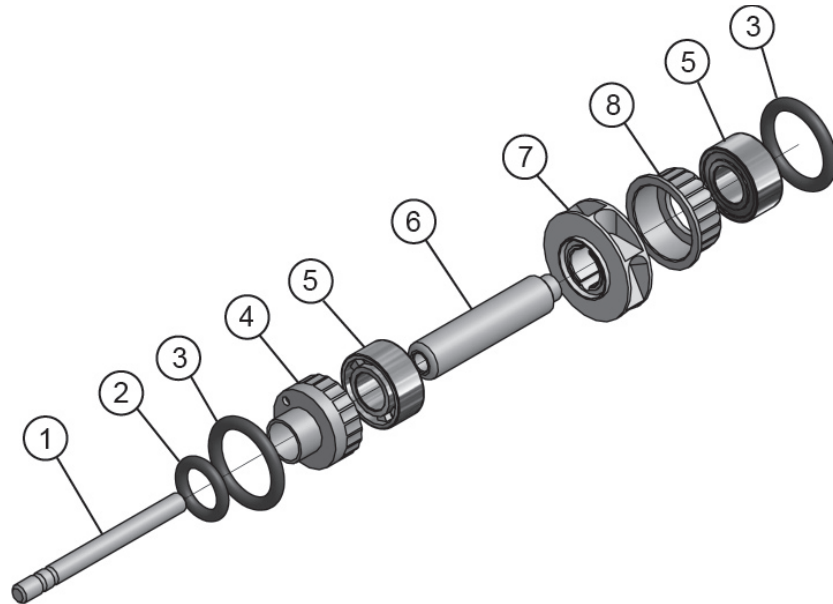
HBO200*	Complete Turbine	\$68.00
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*** Bearings, Bearing Kits, and Turbine Assemblies** can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HBO182	O'ring - small (black)	\$0.50
3]	HKC180	O'ring - large (black)	\$0.40
4]	HBP113	Bearing Cup (front)	\$3.25
5]	052-H	Bearing	\$7.72
6]	HBP209	Spindle Collet Assembly w/ Impeller	\$30.00
7]	HBO108	Impeller	\$7.00
8]	HBP112	Bearing Cup (rear)	\$3.15

Accessories ~ not pictured

HBP210.3	Outer Cap Ring Pretsige	\$29.00
HBP210.4	Inner Cap Pretsige	\$7.78
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HBP190*	Bearing Kit	\$16.87
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Turbine Assemblies

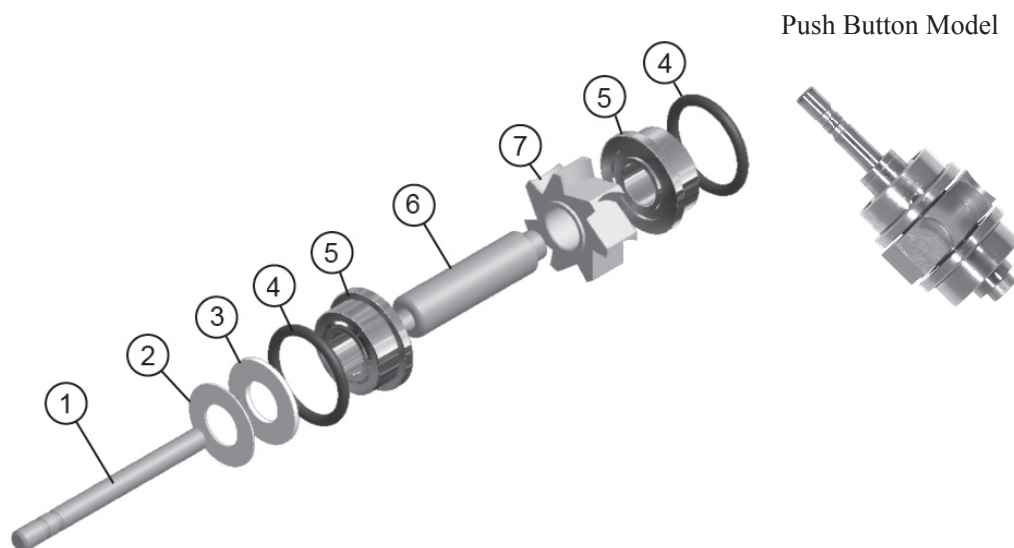
HBP200*	Complete Turbine	\$68.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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IMPACT AIR



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HIA221	Delron Washer	\$0.45
3]	HIA220	Delron Turbine Shim	\$0.40
4]	HP1180	O'Ring	\$0.40
5]	057-H*	Bearing	\$5.97
6]	HIA209	Spindle Assembly w/ Impeller	\$30.00
7]	HIA108	Impeller	\$5.00

Accessories ~ not pictured

HIA210	Push Button Cap	\$12.00
HIA230	Cap Wrench	\$4.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HIA190-H*	Bearing Kit	\$12.64
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Turbine Assemblies

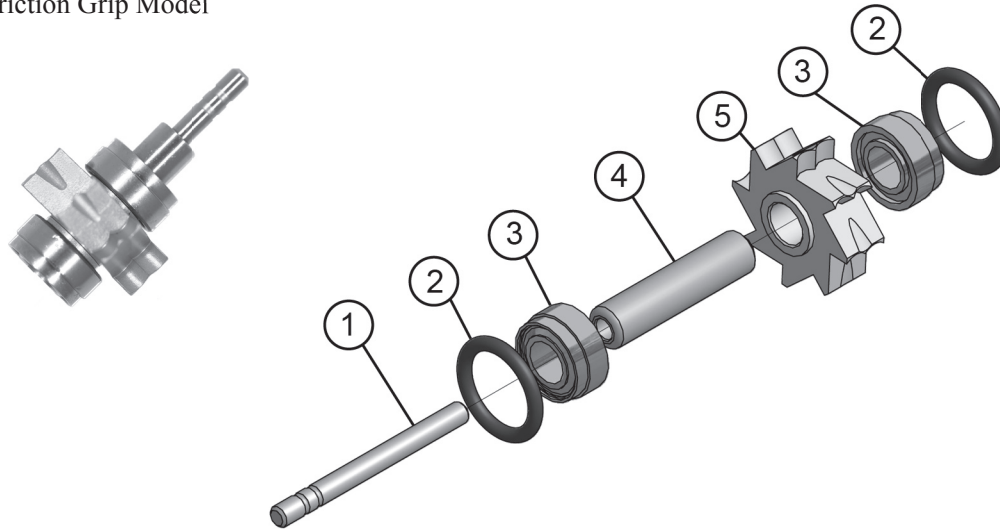
HIA200*	Complete Turbine	\$61.00
HIA201*	Complete Turbine w/ Cap	\$73.00

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Friction Grip Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HKC180	O'Ring (black)	\$0.40
3]	040A-H*	Stepped Bearing	\$8.82
4]	HKS409	Spindle Assembly w/ Impeller	\$25.00
5]	HKS108	Impeller	\$4.00

Accessories ~ not pictured

HKS210F	Back Cap	\$5.00
HKC183	Swivel Coupler O'Ring Kit (set of 5)	\$6.00
HKS240	Spray Cover Tool	\$25.50
HKS183	Spray Cover O'Ring Set	\$1.50
HKS108S	Impeller (Large I.D.)	\$5.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HKC290A-H*	Bearing Kit	\$18.26
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Turbine Assemblies

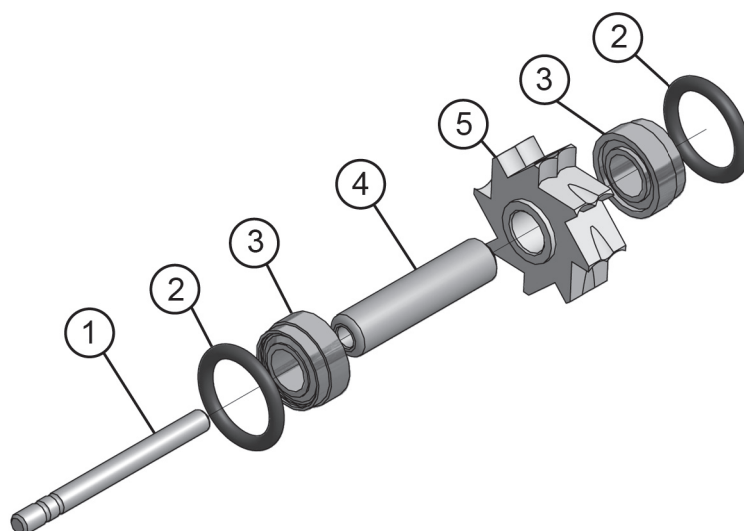
HKS400A-H*	Complete Turbine	\$55.50
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

KAVO 625/630/640 STANDARD HEAD



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HKC180	O'ring	\$0.40
3]	040A-H*	Bearing	\$8.82
4]	HKS209	Spindle Collet Assembly w/ Impeller	\$29.75
5]	HKS108	Impeller	\$4.00

Accessories ~ not pictured

HKS210	Push Button Cap	\$12.00
HKC183	Swivel Coupler O'ring Kit	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HKC290A-H*	Bearing Kit	\$18.26
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Turbine Assemblies

HKS200A-H	Complete Turbine Assembly	\$65.50
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

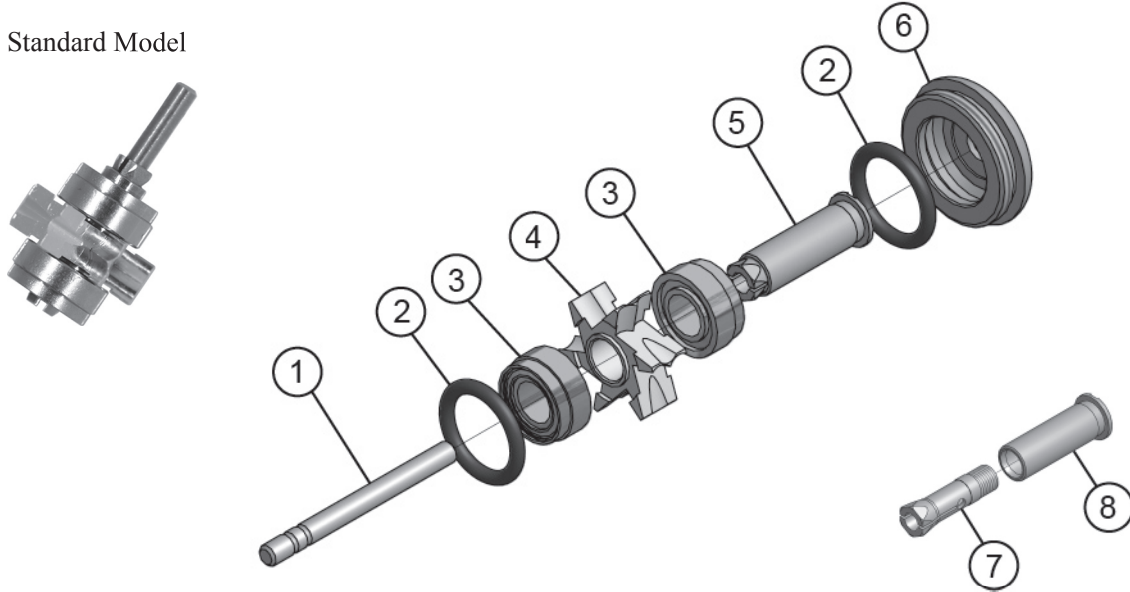
H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



KAVO 632/633 MINIATURE HEAD

Handpiece Parts and Products Inc. (800) 368-3684

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HKC180	O'ring	\$0.40
3]	N/A	This bearing currently not available	N/A
4]	HKC108	Impeller	\$4.00
5]	HKC109	Spindle / Collet Assembly w/o Impeller	\$9.00
6]	HKC110	Cap	\$4.00
7]	HKC106	Chuck	\$5.00
8]	HKC107	Spindle	\$4.00

Accessories ~ not pictured

HKC130	Cap Wrench	\$3.00
HKC183	Swivel Coupler O'ring Kit	\$6.00
HKC103	Turbine Nut	\$2.50
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

Currently Not Available	Complete Turbine	N/A
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Turbine Assemblies

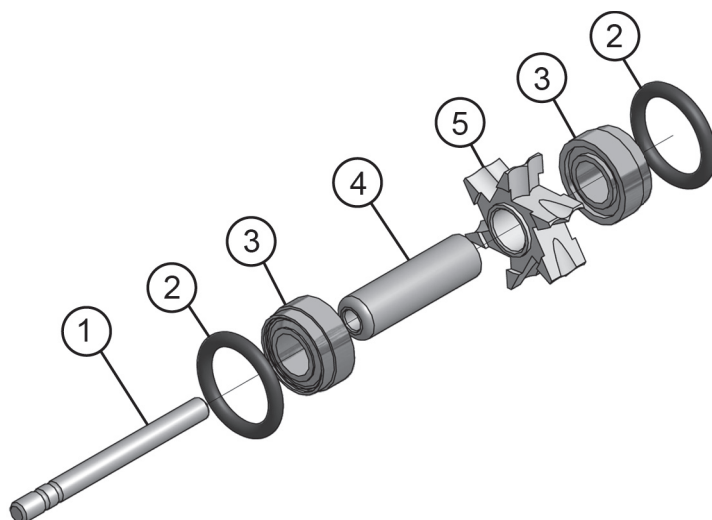
Currently Not Available	Complete Turbine	N/A
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684



Friction Grip Model



KAVO 632/633 MINIATURE HEAD

Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HKC180	O'ring	\$0.40
3]	040A-H*	Bearing	\$8.82
4]	HKC409	Spindle Collet Assembly w/ Impeller	\$25.00
5]	HKC108	Impeller	\$4.00

Accessories ~ not pictured

HKC130	Cap Wrench	\$3.00
HKC183	Swivel Coupler O'ring Kit	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HKC290A-H*	Bearing Kit	\$18.26
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Turbine Assemblies

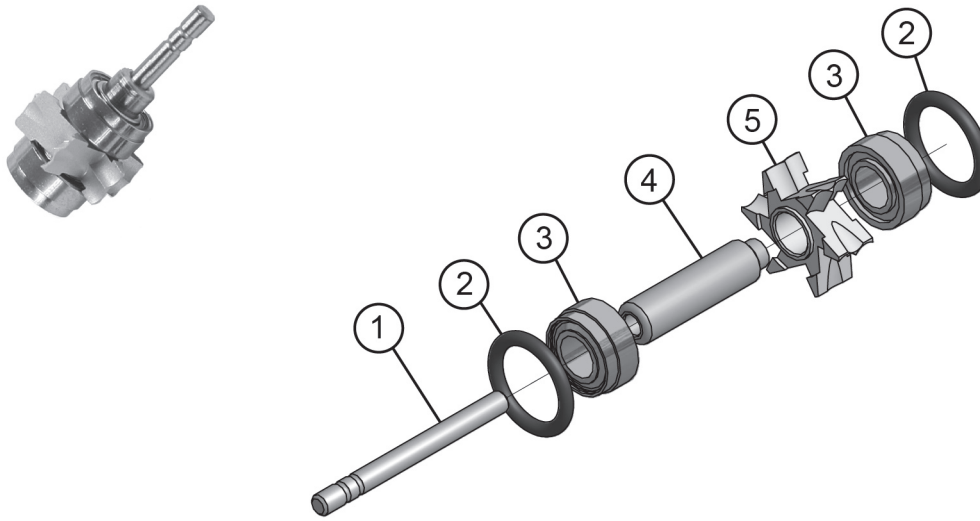
HKC400A-H*	Complete Turbine Assembly	\$55.50
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HKC180	O'ring	\$0.40
3]	040A-H*	Bearing	\$8.82
4]	HKC209	Spindle Collet Assembly w/ Impeller	\$29.75
5]	HKC108	Impeller	\$4.00

Accessories ~ not pictured

HKC210	Push Button Cap	\$12.00
HKC230	Cap Wrench	\$5.00
HKC183	Swivel Coupler O'ring Kit	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HKC290A-H*	Bearing Kit	\$18.26
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Turbine Assemblies

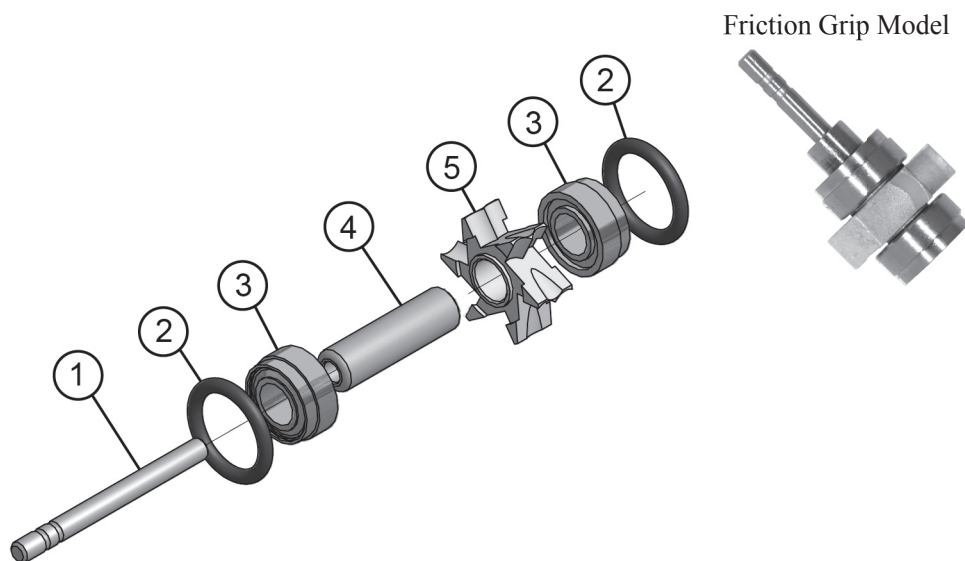
HKC200A-H*	Complete Turbine Assembly	\$66.50
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

KAVO 634 MINIATURE HEAD



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HKC180	O'Ring	\$0.40
3]	040A-H*	Stepped Bearing	\$8.82
4]	HKM209F	Spindle Assembly W/ Impeller	\$30.00
5]	HKM108	Impeller	\$4.00

Accessories ~ not pictured

HKC183	Swivel Coupler O'Ring Kit (set of 5)	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HKC290A-H*	Bearing Kit	\$18.26
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Turbine Assemblies

HKM400A-H*	Complete Turbine Assembly	\$55.50
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

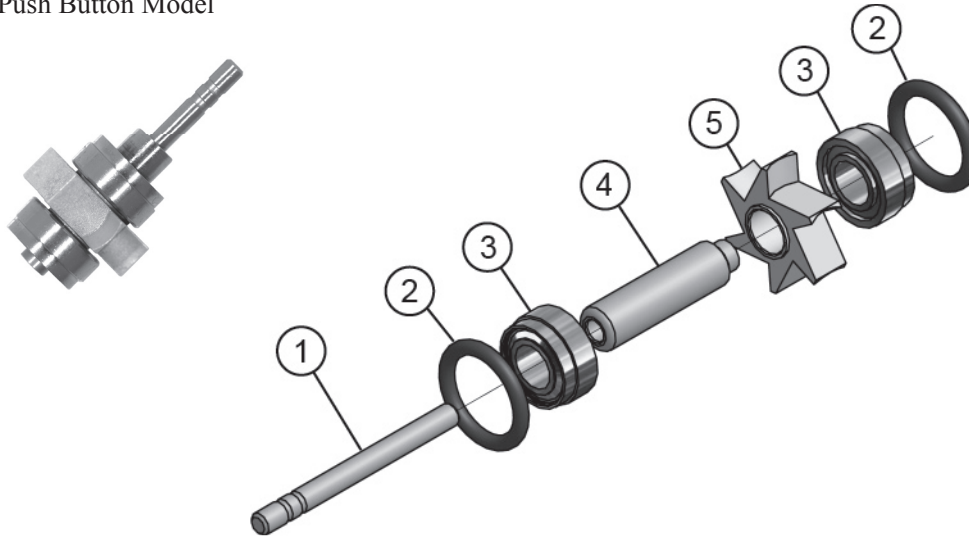
H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



KAVO 634 MINIATURE HEAD

Handpiece Parts and Products Inc. (800) 368-3684

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	TR052P	Precision Test Pin	\$0.80
2]	HKC180	O'Ring (black)	\$0.40
3]	040A-H*	Stepped Bearing	\$8.82
4]	HKM209	Spindle Assembly w/ Impeller	\$29.75
5]	HKM108	Impeller	\$4.00

Accessories ~ not pictured

HKC183	Swivel Coupler O'Ring Kit (set of 5)	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HKC290A-H*	Bearing Kit	\$18.26
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Turbine Assemblies

HKM200A-H*	Complete Turbine	\$66.50
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

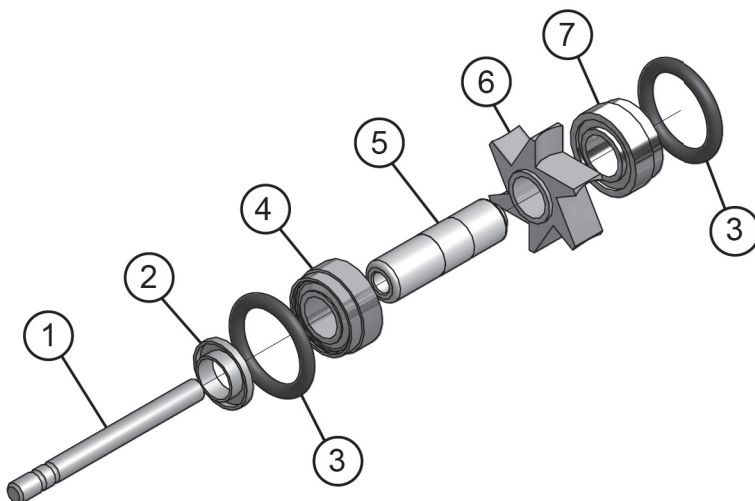
H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

KAYO 635 MIRA LUX 3

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HK5220	Slinger	\$2.50
3]	HKC180	O'ring	\$0.40
4]	040A-H*	Bearing	\$8.82
5]	HK5209	Spindle Collet Assembly w/ Impeller	\$29.75
6]	HK5108	Impeller	\$4.00
7]	041A-H	Rear Bearing	\$9.26

Accessories ~ not pictured

HK5210	Push Button Cap	\$18.00
HK5230	Cap Wrench	\$5.00
HKC183	Swivel Coupler O'ring Kit	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HK5290A-H	Bearing Kit	\$26.46
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Turbine Assemblies

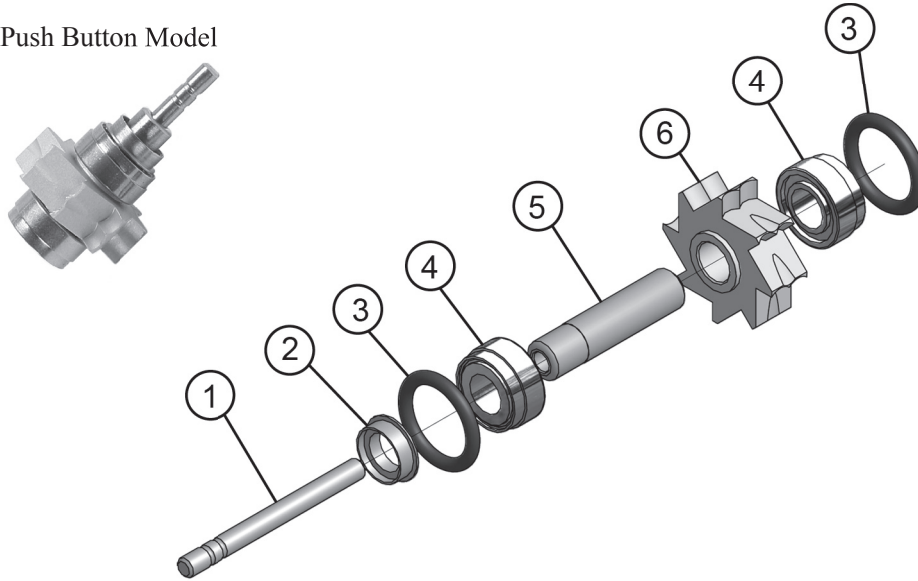
HK5200A-H	Complete Turbine Assembly	\$68.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HK7220	Slinger	\$2.50
3]	HKC180	O'ring	\$0.40
4]	040A-H*	Bearing	\$8.82
5]	HK7209	Spindle Collet Assembly w/ Impeller	\$29.75
6]	HKS108	Impeller	\$4.00

Accessories ~ not pictured

HK7210	Push Button Cap	\$15.00
HK5230	Cap Wrench	\$5.00
HKC183	Swivel Coupler O'ring Kit	\$6.00
HK7203	Spray Cover Nut (647/649)	\$6.50
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HK7290A-H	Bearing Kit	\$19.30
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Turbine Assemblies

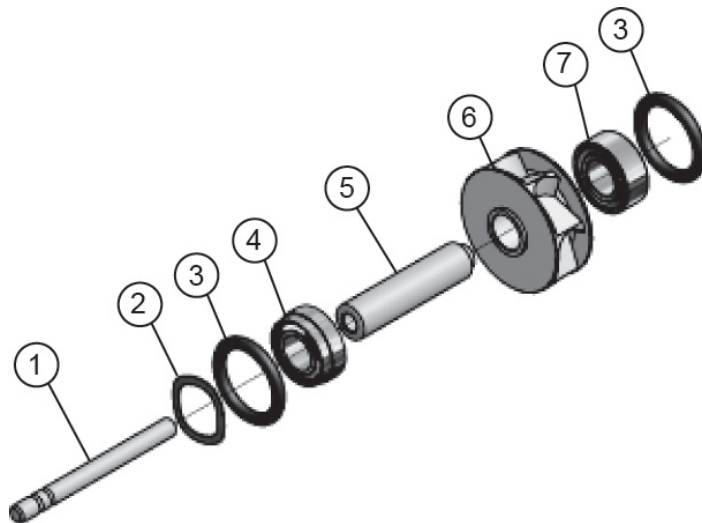
HK7200*	Complete Turbine Assembly	\$71.00
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* Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

Push Button Model



KAVO 659 COMPACT

Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HNS104	Wave Spring	\$0.28
3]	HKC180	O'ring	\$0.40
4]	021P-H	Bearing	\$9.97
5]	HK6599	Spindle Collet Assembly w/ Impeller	\$30.00
6]	HK6598	Impeller	\$4.00
5]	051P-H*	Bearing	\$5.42

Turbine Assemblies

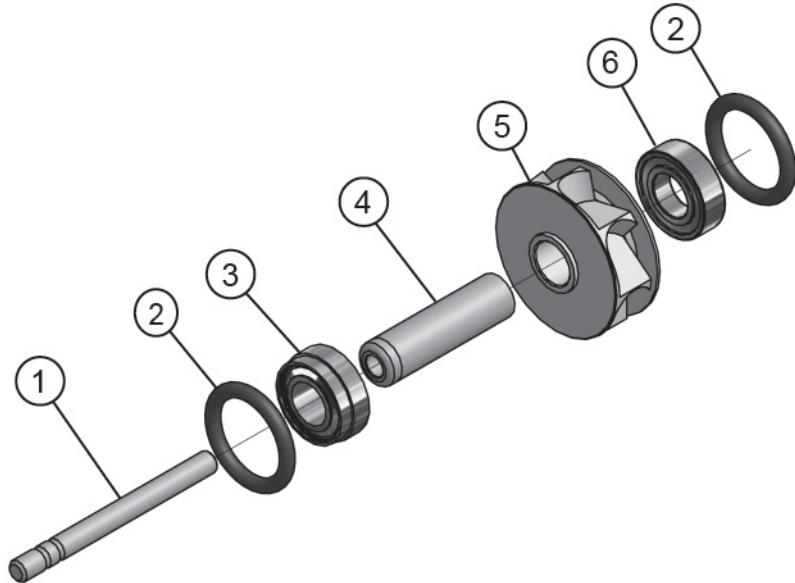
HK6590-H	Complete Turbine Assembly	\$68.87
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HK6180	O'Ring	\$0.040
3]	021P-H	Front Bearing	\$9.97
4]	HK6209	Spindle Collet Assembly w/ Impeller	\$30.00
5]	HK6108	Impeller	\$9.00
6]	073-H	Rear Bearing	\$8.40

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Turbine Assemblies

HK6200	Complete Turbine Assembly	\$68.87
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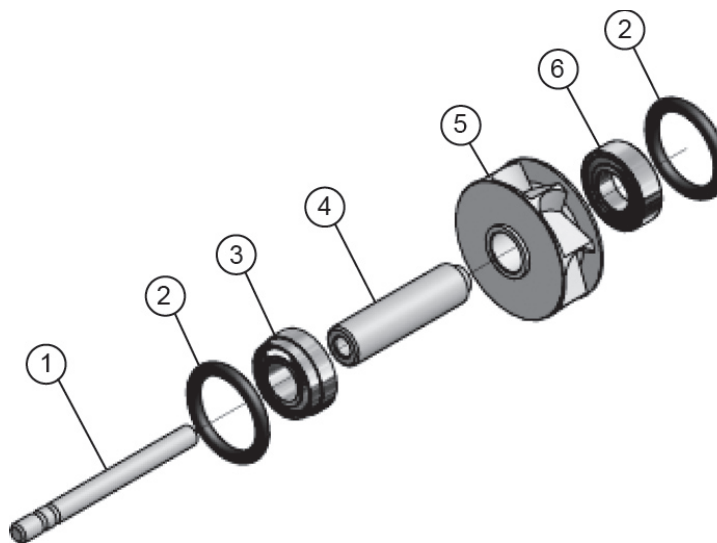
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

Kavo 6500 SERIES

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HK6180	O'Ring	\$0.40
3]	021P-H	Bearing	\$9.97
4]	HK6509	Spindle Assembly w/ Impeller	\$30.00
5]	HK6108	Impeller	\$9.00
6]	073-H	Bearing	\$8.40

Turbine Assemblies

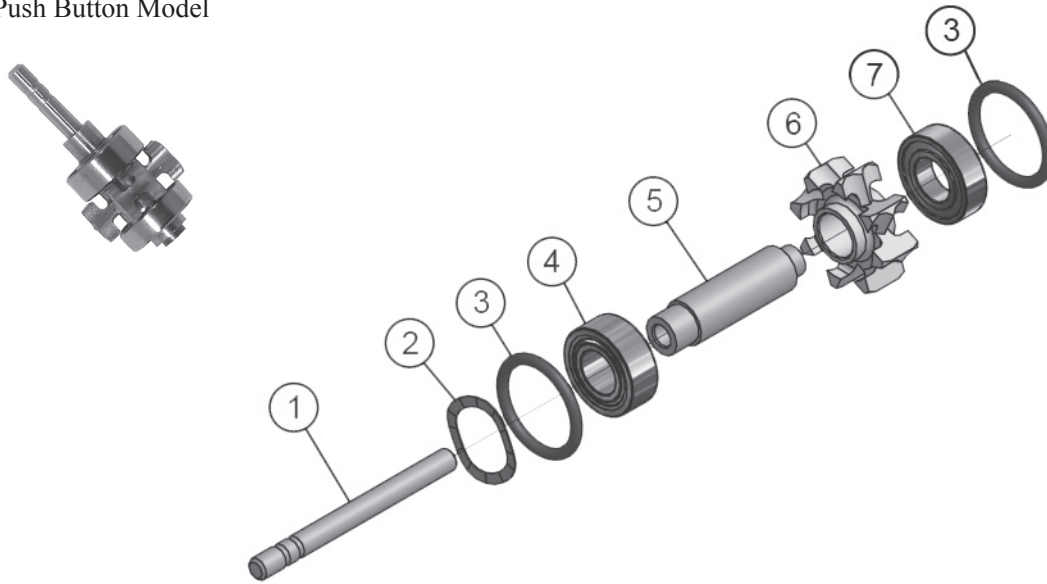
HK6500-H	Complete Turbine Assembly	\$68.87
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HNS104	Loading Spring	\$0.28
3]	HL5180	O'Ring	\$0.40
4]	073-H	Front Bearing	\$8.40
5]	HL5209	Spindle Assembly w/ Impeller	\$29.75
6]	HLR508	Impeller (1-piece)	\$4.00
7]	074*	Bearing	\$8.14

Accessories ~ not pictured

HL5210	Push Button Back Cap	\$16.00
HL5130	Back Cap Wrench	\$4.00
HL5135	Heavy Duty Dual Cap Wrench	\$4.00
HL5220	Head Washer	\$0.80
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HL5290-H	Bearing Kit	\$17.17
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Turbine Assemblies

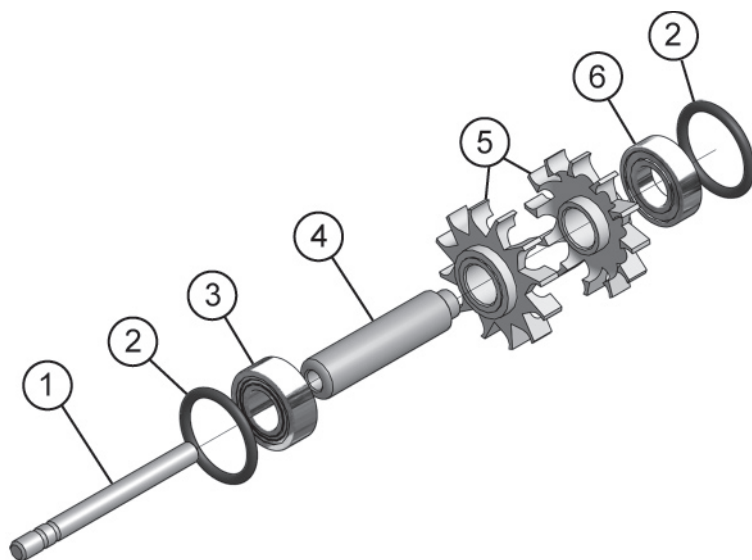
HL5200-H	Complete Turbine Assembly	\$68.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

LARES 757 LARGE HEAD



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HL5180	O'Ring	\$0.04
3]	073-H	Front Bearing	\$8.40
4]	HL7209	Spindle Assembly W/ Impeller	\$29.75
5]	HL7108	Impeller (2 Pieces)	\$5.00
6]	074-H	Rear Bearing	\$8.14

Accessories ~ not pictured

HL7210	Push Button Back Cap	\$29.80
HL5135	Heavy Duty Dual Cap Wrench	\$4.00
HL5220	Head Washer	\$0.80
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HL5290-H	Bearing Kit	\$17.17
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Turbine Assemblies

HL7200-H	Complete Turbine	\$68.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

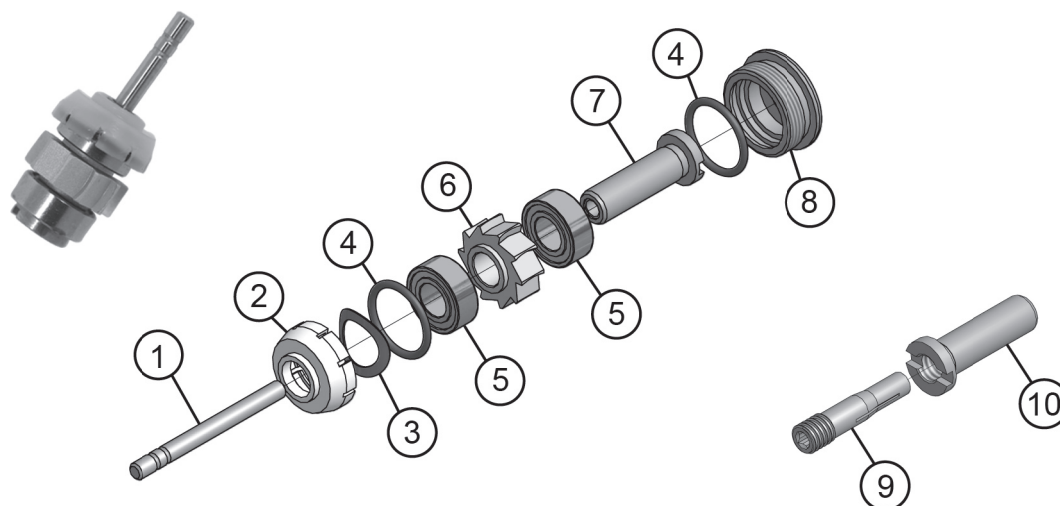
H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

MidWest 8000 / 8000I

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HM8112	Delron Bearing Cup	\$4.00
3]	HMQ104	Loading Spring	\$0.25
4]	HM8180	O'ring (black)	\$0.25
5]	051-H*	Bearing (smooth)	\$4.26
6]	HM8108	Impeller	\$5.00
7]	HM8109	Spindle / Collet Assembly w/o Impeller	\$8.00
8]	HM8110	Cap	\$4.00
9]	HM8106	Collet (chuck)	\$4.00
10]	HM8107	Spindle	\$4.00

Accessories ~ not pictured

HMT131	Bur Wrench	\$4.00
HMT230	Heavy Duty Cap Wrench	\$3.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HM8190-H*	Bearing Kit	\$8.89
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Turbine Assemblies

HM8100-H*	Complete Turbine w/ Cap	\$45.00
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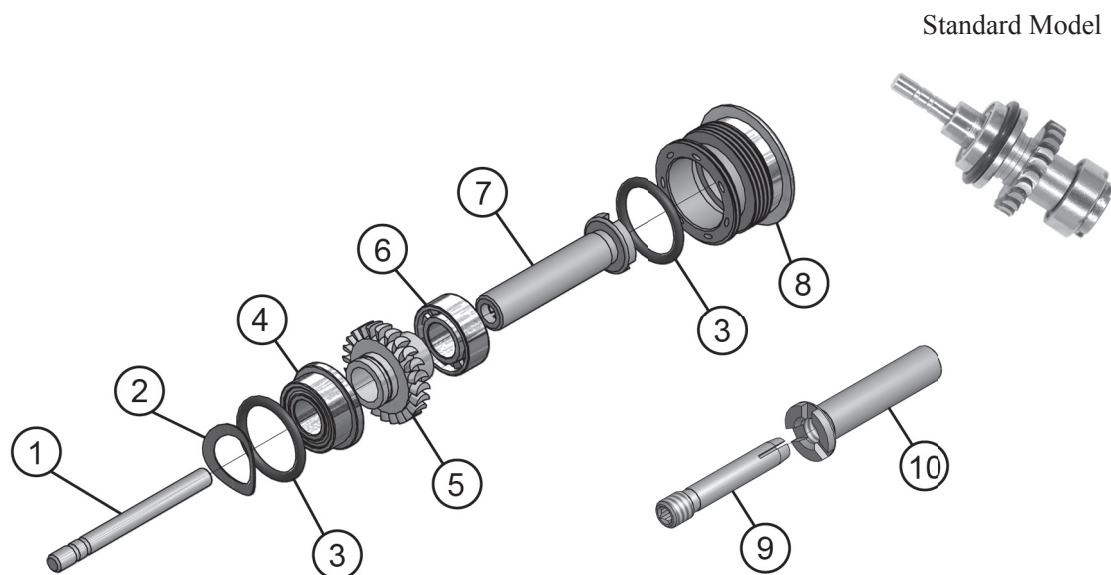
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

MIDWEST QUIET AIR



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMQ104	Loading Spring	\$0.25
3]	HMQ180	O'ring (black)	\$0.30
4]	050-H*	Bearing (flanged)	\$5.97
5]	HMQ108	Impeller	\$4.00
6]	051-H*	Bearing (smooth)	\$4.26
7]	HMQ109	Spindle / Collet Assembly w/o Impeller	\$8.00
8]	HMQ110	Cap	\$6.00
9]	HMQ106	Collet (chuck)	\$4.00
10]	HMQ107	Spindle	\$4.00

Accessories ~ not pictured

HMQ131	Bur Wrench	\$4.00
HMQ130	Cap Wrench	\$4.00
HMQ230	Heavy Duty Cap Wrench	\$4.00
HMQ103	Turbine Nut (early model)	\$1.35
HMT180	Blue Quad Ring (soft)	\$0.25
HMT181	Blue Quad Ring (stiff)	\$0.40
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HMQ190-H*	Bearing Kit	\$10.69
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Turbine Assemblies

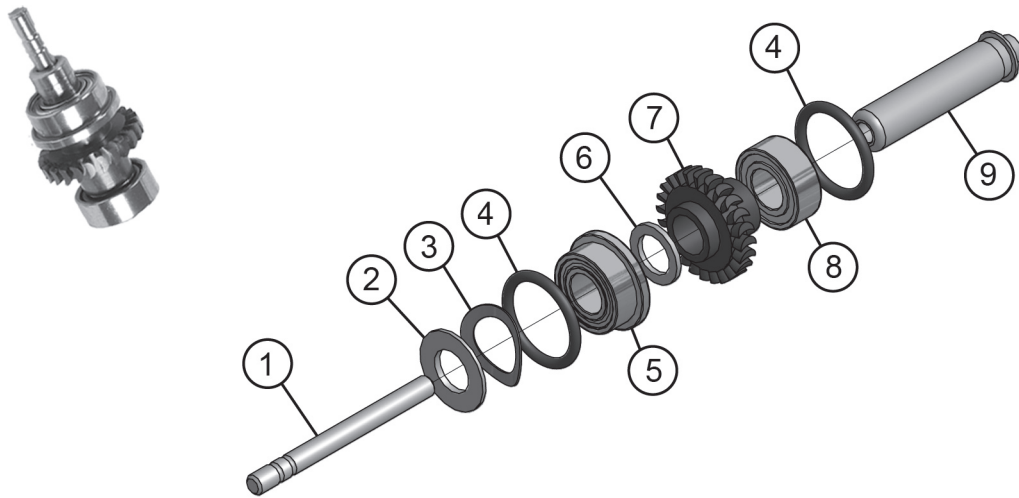
HMQ100-H*	Complete Turbine w/ Cap	\$46.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Lever and Push Button



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMQ220	Pressure Plate	\$1.50
3]	HMQ104	Loading Spring	\$0.25
4]	HMQ180	O'ring (black)	\$0.30
5]	050-H*	Bearing (flanged)	\$5.97
6]	HMQ221	Bearing Spacer	\$1.50
7]	HMQ208	Impeller	\$4.00
8]	051-H*	Bearing (smooth)	\$4.26
9]	HMQ209	Spindle Collet Assembly w/ Impeller	\$29.75

Accessories ~ not pictured

753333	Cap Wrench (lever style)	\$5.00
HMQ210	Push Button Cap	\$12.00
HMT330	Cap Wrench (XGT / lever)	\$3.00
HMT180	Blue Quad Ring (soft)	\$0.25
HMT181	Blue Quad Ring (stiff)	\$0.40
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HMQ190-H*	Bearing Kit	\$10.69
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Turbine Assemblies

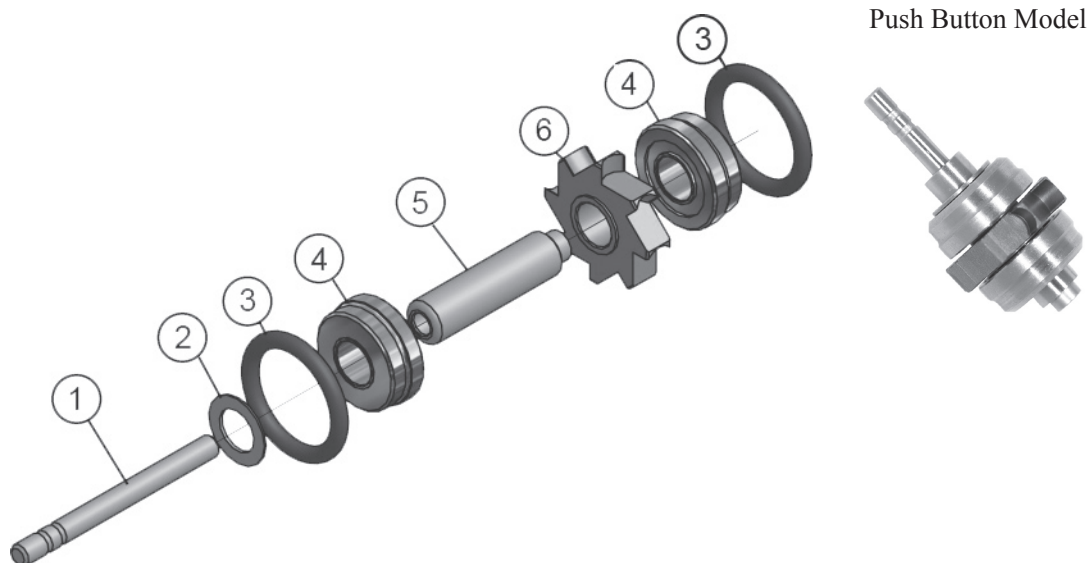
HMQ200-H*	Complete Turbine Assembly	\$62.00
HMQ201-H*	Complete Turbine Assembly w/ P.B. Cap	\$74.00

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

MIDWEST STYLUS



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMS320	Washer	\$1.45
3]	HMS180	Blue O'ring	\$0.35
4]	058-H	Bearing	\$12.46
5]	HMS209	Spindle Collet Assembly w/ Impeller	\$29.75
6]	HMS108	Impeller	\$4.00

Accessories ~ not pictured

HMT330	Cap Wrench	\$3.00
HMS210	Push Button Cap	\$18.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
051-H*	Bearing **	\$4.26
HMS112	Bearing Cap **	\$3.25
HMS220	Pressure Plate **	\$1.50

**** Alternate Bearing Assembly - uses 051 bearing with bearing cap & pressure plate**

Bearing Kits

HMS190-H	Bearing Kit	\$26.35
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Turbine Assemblies

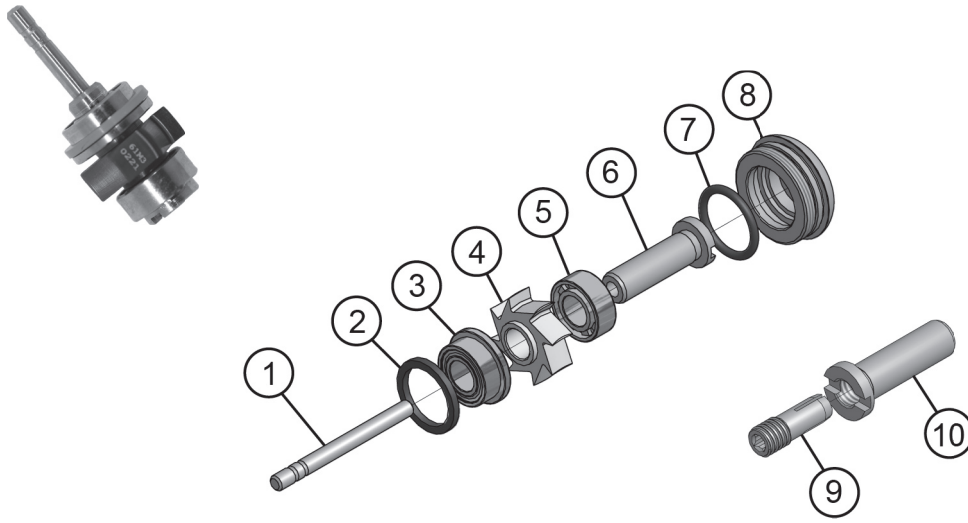
HMS200-H	Complete Turbine	\$69.50
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*** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H**

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMT181	Blue Quad Ring (stiff)	\$0.40
3]	050H-*	Bearing (flanged)	\$5.97
4]	HMT108	Impeller	\$4.00
5]	051H-*	Bearing (smooth)	\$4.26
6]	HMT109	Spindle / Collet Assembly w/o Impeller	\$8.00
7]	HMQ180	O'ring (black)	\$0.30
8]	HMT110	Cap	\$4.00
9]	HMT106	Collet (chuck)	\$4.00
10]	HMT107	Spindle	\$4.00

Accessories ~ not pictured

HMT131	Bur Wrench	\$4.00
HMT230	Heavy Duty Cap Wrench	\$3.00
HMT180	Blue Quad Ring (soft)	\$0.25
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
HMT150	Intake Screw (early model)	\$2.00
HMT152	Intake Port (early model)	\$2.00
HMT151	Intake Screw Port 1 - piece (late model)	\$4.10

Bearing Kits

HMT190-H*	Bearing Kit	\$10.99
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Turbine Assemblies

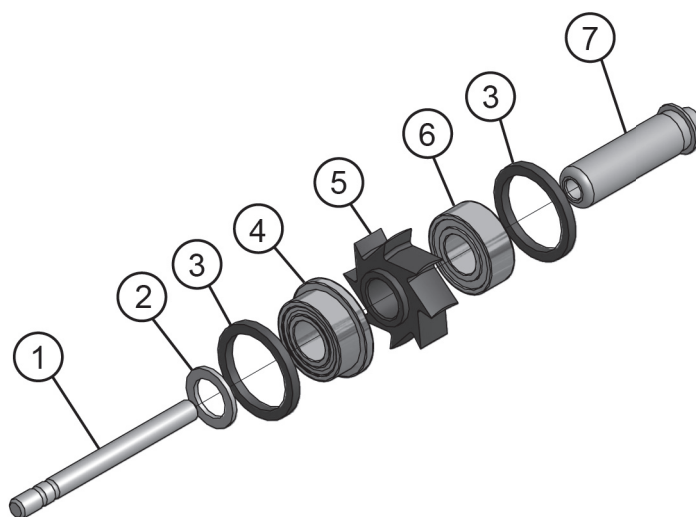
HMT100-H*	Complete Turbine Assembly w/ Cap	\$45.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

MIDWEST TRADITION



Lever Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMT220	Pressure Plate	\$1.50
3]	HMT181	Blue Quad Ring (stiff)	\$0.40
4]	050-H*	Bearing (flanged)	\$5.97
5]	HMT108	Impeller	\$4.00
6]	051-H*	Bearing (smooth)	\$4.26
7]	HMT209	Spindle Collet Assembly w/ Impeller	\$29.75

Accessories ~ not pictured

753333	Cap Wrench (lever style)	\$5.00
HMT180	Blue Quad Ring (soft)	\$0.25
HMQ180	O'ring (black)	\$0.30
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
HMT150	Intake Screw (early model)	\$2.00
HMT152	Intake Port (early model)	\$2.00
HMT151	Intake Screw Port 1 - piece (late model)	\$4.10

Bearing Kits

HMT190-H*	Bearing Kit	\$10.99
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Turbine Assemblies

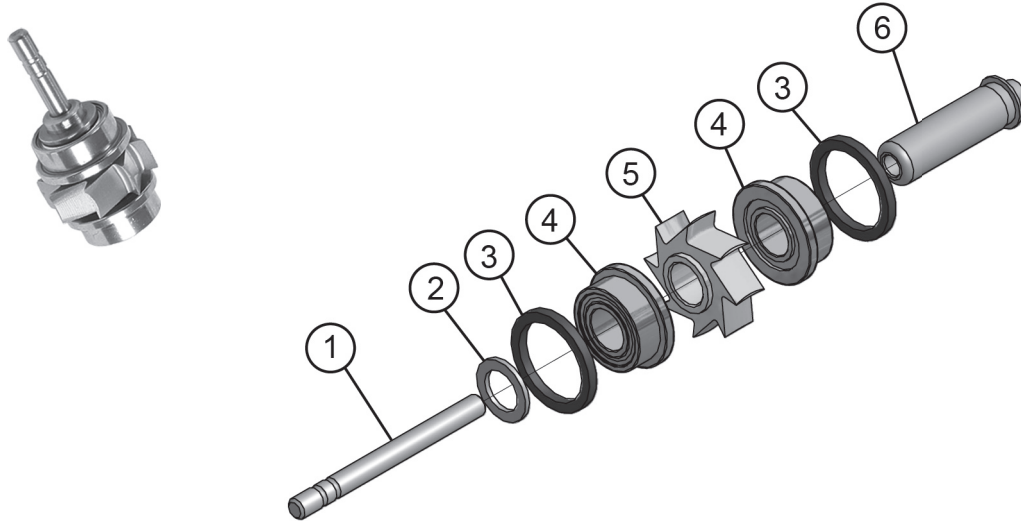
HMT200-H*	Complete Turbine	\$62.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMT220	Pressure Plate	\$1.50
3]	HMT181	Blue Quad Ring (stiff)	\$0.40
4]	050-H*	Bearing (flanged)	\$5.97
5]	HMT308	Impeller	\$4.00
6]	HMT309	Spindle Collet Assembly with Impeller	\$29.75

Accessories ~ not pictured

HMT330	Cap Wrench (XGT / lever)	\$3.00
HMT310	Push Button Cap	\$12.00
HMT180	Blue Quad Ring (soft)	\$0.25
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HMT390-H*	Bearing Kit	\$12.49
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Turbine Assemblies

HMT300-H*	Complete Turbine Assembly	\$67.50
HMT301-H*	Complete Turbine Assembly w/ P.B. Cap	\$74.00

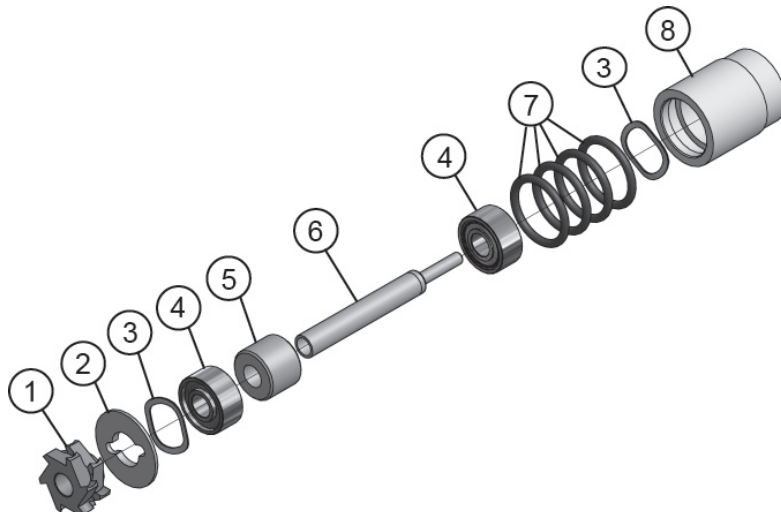
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

NEW HURRICANE

Friction Grip Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	SCM108	Impeller	\$4.50
2]	SCM170	Canister Lid	\$3.50
3]	HNY204	Loading Spring	\$0.48
4]	009PZZ	Bearing	\$6.98
5]	SCM114	Bearing Spacer	\$3.00
6]	SCM107F	Spindle Collet Assembly	\$25.00
7]	HBB180	O'Ring	\$0.40
8]	HNY160	Canister Shell	\$9.25

Accessories ~ not pictured

THR052P	Precision Test Pin	\$0.80
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HNY190	Bearing Kit	\$19.75
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Turbine Assemblies

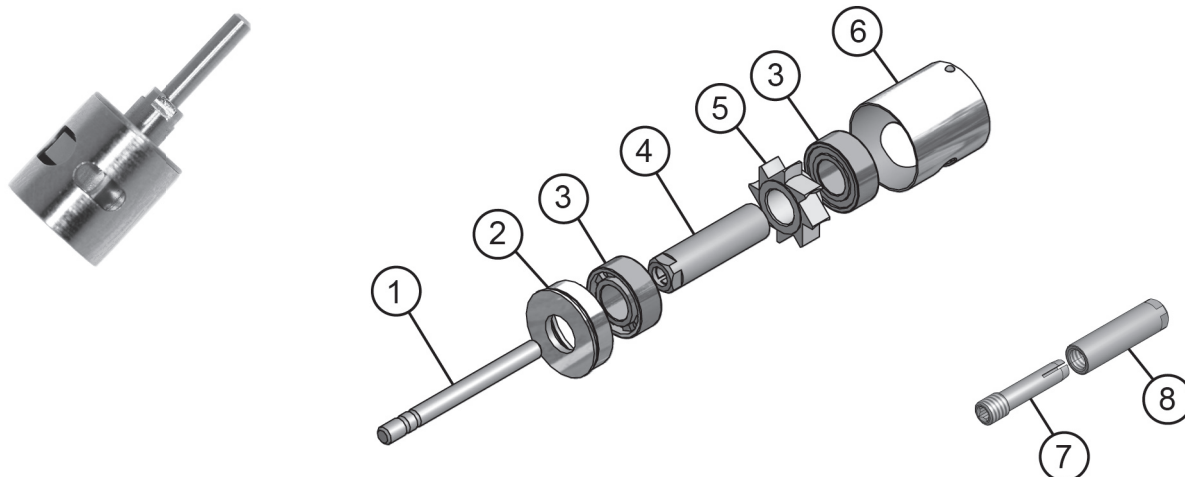
HNY200F	Complete Turbine	\$37.93
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HHE170	Canister Lid	\$3.00
3]	051-H*	Bearing	\$4.26
4]	HHE109	Spindle Collet Assembly w/o Impeller	\$8.00
5]	HHE108	Impeller	\$4.00
6]	HHE160	Canister Shell	\$5.00
7]	HHE106	Chuck	\$4.00
8]	HHE107	Spindle	\$4.00

Accessories ~ not pictured

HHE131	Bur Wrench	\$4.65
HHC230	Back Cap wrench	\$3.00
HHE110	Back Cap	\$2.50
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HHC190-H*	Bearing Kit	\$8.89
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Turbine Assemblies

HHE100-H*	Complete Turbine	\$17.00
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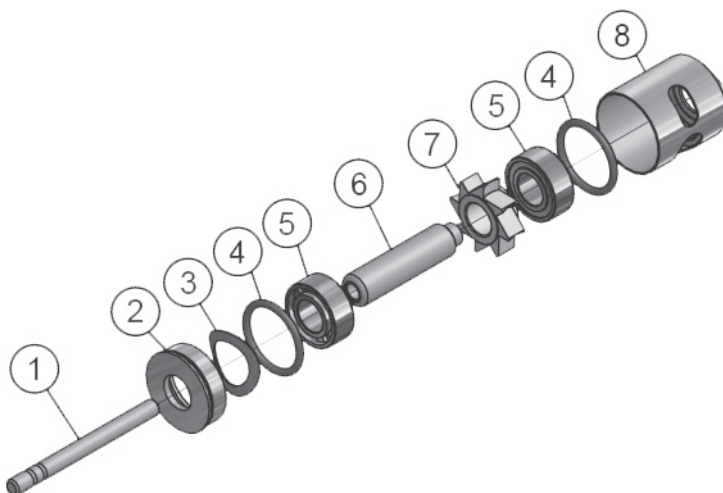
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

NSK / PANA AIR CANISTER MINI HEAD

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HHE170	Canister Lid	\$3.00
3]	HMQ104	Loading Spring	\$0.25
4]	HM8180	O'Ring	\$0.25
5]	051-H*	Bearing	\$4.26
6]	HHE209	Spindle Collet Assembly w/ Impeller	\$29.75
7]	HHE108	Impeller	\$4.00
8]	HHE160	Canister Shell	\$5.00

Accessories ~ not pictured

HHC230	Back Cap Wrench	\$3.00
HHC210	Back Cap	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HHC190-H*	Bearing Kit	\$8.89
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Turbine Assemblies

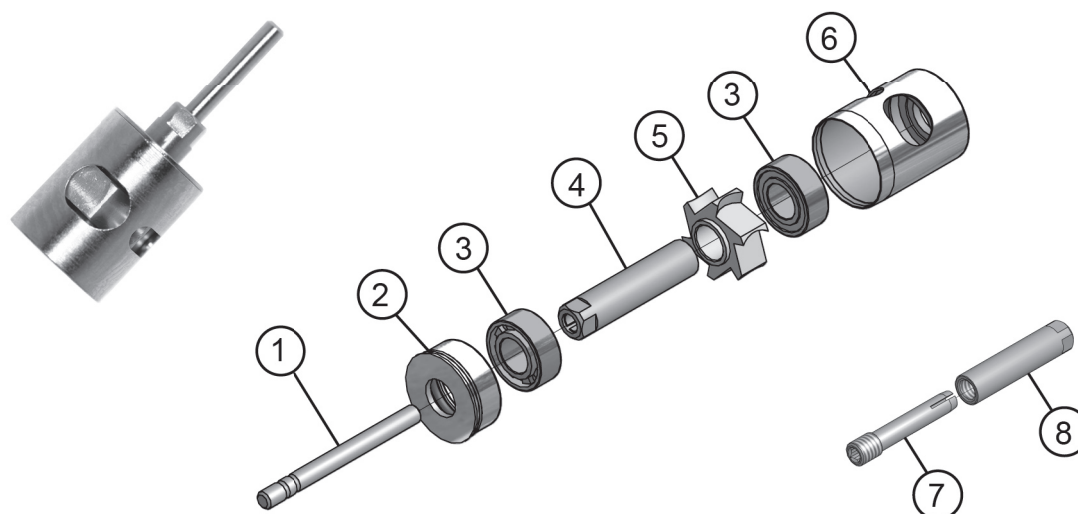
HHE200-H*	Complete Turbine	\$44.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HHQ170	Canister Lid	\$3.00
3]	051-H*	Bearing	\$4.26
4]	HHC109	Spindle Collet Assembly w/o impeller	\$8.00
5]	HHC108	Impeller	\$4.00
6]	HHC160	Canister Shell	\$4.00
7]	HTL106	Collet	\$6.50
8]	HHC107	Spindle	\$4.00

Accessories ~ not pictured

HHC131	Bur Wrench	\$4.65
HHC230	Back Cap Wrench	\$3.00
HHC110	Back Cap	\$2.50
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HHC190-H*	Bearing Kit	\$8.89
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Turbine Assemblies

HHC100-H*	Complete Turbine Assembly	\$17.00
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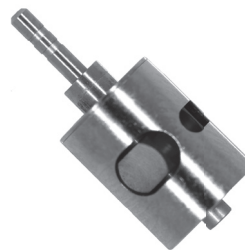
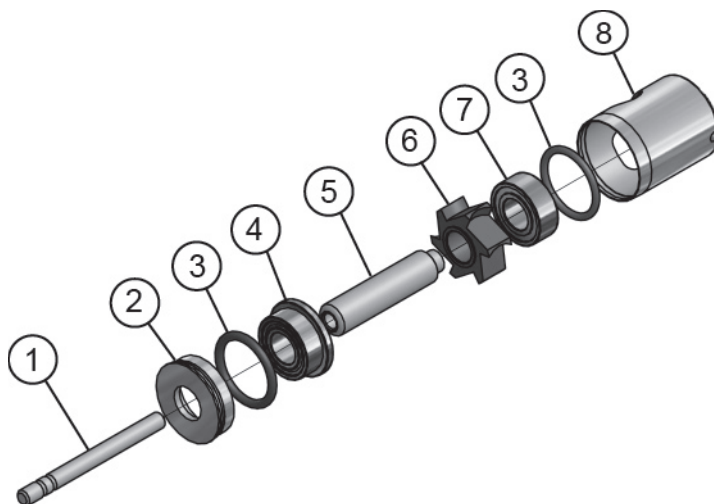
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

NSK / PANA AIR CANISTER STANDARD HEAD

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HHQ270	Canister Lid	\$3.00
3]	HMQ180	O'Ring	\$0.30
4]	050-H*	Bearing - Flanged	\$5.97
5]	HHQ209	Spindle Collet Assembly w/ Impeller	\$29.75
6]	HHQ208	Impeller	\$4.00
7]	051-H*	Bearing - Smooth	\$4.26
8]	HHQ160	Cannister Shell	\$5.00

Accessories ~ not pictured

HHC230	Back Cap Wrench	\$3.00
HHC210	Back Cap	\$6.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HMQ190-H*	Bearing Kit	\$10.69
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Turbine Assemblies

HHC200-H*	Complete Turbine	\$44.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

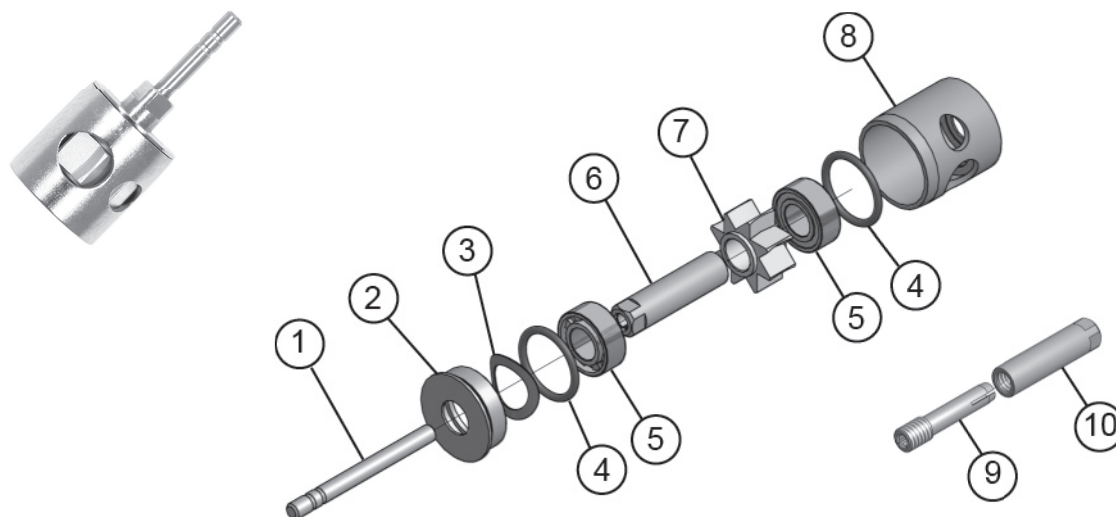
H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

NSK / CANISTER SUPERGRADE

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HNG170	Canister Lid	\$3.00
3]	HMQ104	Loading Spring	\$0.25
4]	HM8180	O'Ring	\$0.25
5]	051-H*	Bearing	\$4.26
6]	HSV109	Spindle Collet assembly w/o Impeller	\$8.00
7]	HNG108	Impeller	\$4.00
8]	HNG160	Canister Shell	\$5.00
9]	HSV106S	Collet (Square)	\$4.00
10]	HSV107	Spindle	\$4.00

Accessories ~ not pictured

HSV131S	Bur Wrench	\$4.00
THR052	Test Pin - 100 Piece Pack (non-precision)	\$10.00

Bearing Kits

HHC190-H*	Bearing Kit	\$8.89
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Turbine Assemblies

HNG100-H*	Complete Turbine	\$21.00
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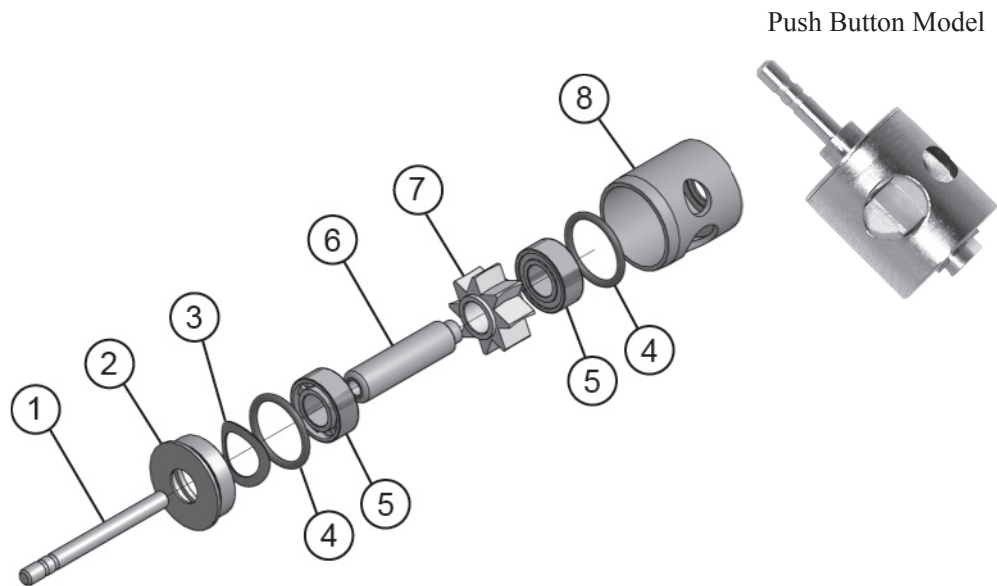
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

NSK / CANISTER SUPERGRADE



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HNG170	Canister Lid	\$3.00
3]	HMQ104	Loading Spring	\$0.25
4]	HM8180	O'Ring	\$0.25
5]	051-H*	Bearing	\$4.26
6]	HNG209	Spindle/ Collet Assembly w/ Impeller	\$29.75
7]	HNG108	Impeller	\$4.00
8]	HNG160	Canister Shell	\$5.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HHC190-H*	Bearing Kit	\$8.89
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Turbine Assemblies

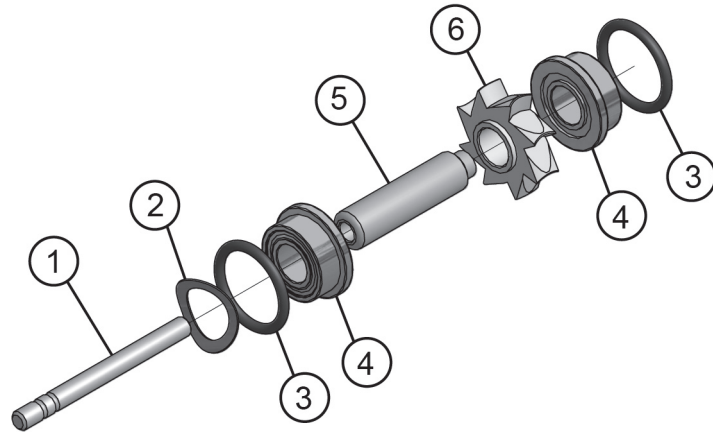
HNG200-H*	Complete Turbine	\$46.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMQ104	Loading Spring	\$.25
3]	HMQ180	O'Ring	\$0.30
4]	050-H*	Bearing	\$5.97
5]	HNP209	Spindle Collet Assembly w/ Impeller	\$29.75
6]	HNP108	Impeller	\$4.00

Accessories ~ not pictured

HIA220	Teflon Washer	\$0.40
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HNV190*	Bearing Kit	\$13.02
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Turbine Assemblies

HNP200*	Complete Turbine	\$61.00
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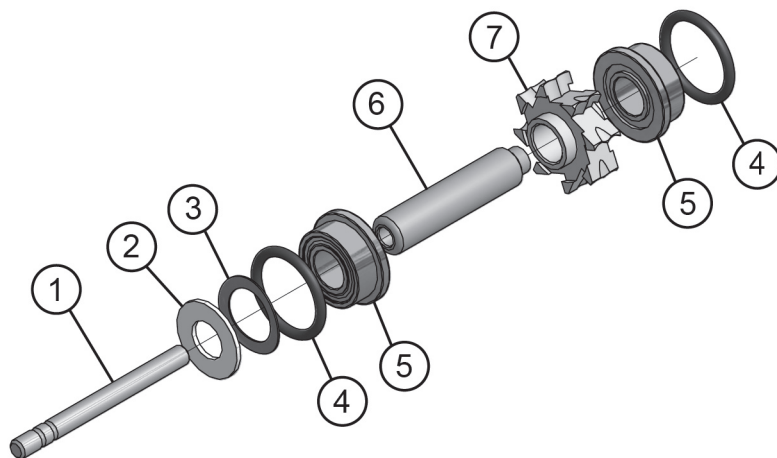
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

NSK PHATELUS / VIPER

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HNV220	Delron Washer	\$0.85
3]	HMQ104	Loading Spring	\$0.25
4]	HMQ180	O'Ring	\$0.30
5]	050-H*	Bearing	\$5.97
6]	HNV209	Spindle Collet Assembly w/ Impeller	\$29.75
7]	HNV108	Impeller	\$4.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HNV190*	Bearing Kit	\$13.02
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Turbine Assemblies

HNV200*	Complete Turbine	\$61.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

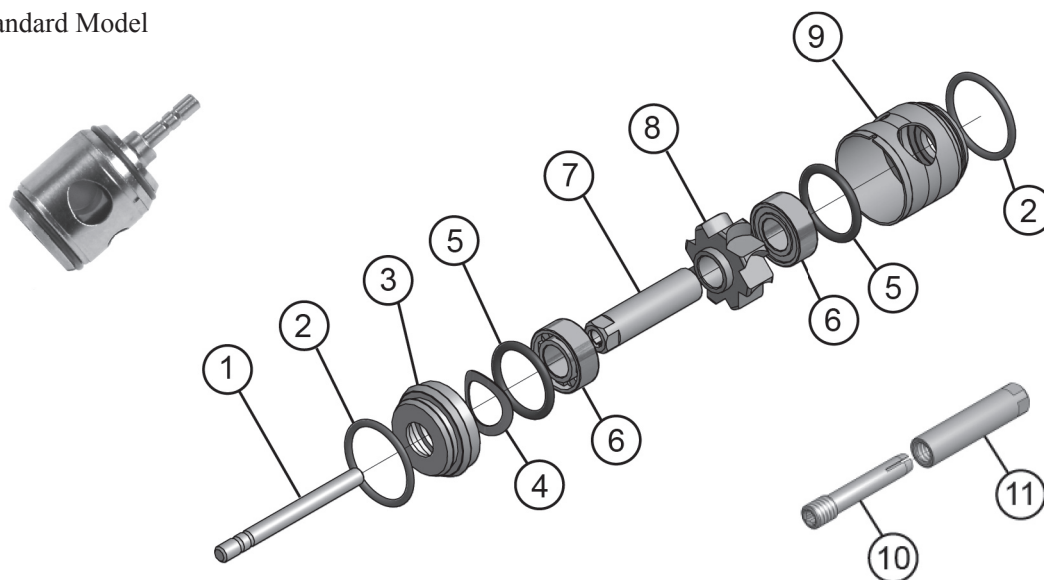
H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

NSK PUSH & SWIVEL

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HM8180	O'Ring	\$0.25
3]	HNS170	Cannister Lid	\$3.00
4]	HMQ104	Loading Spring	\$0.25
5]	HMQ180	O'Ring	\$0.30
6]	051-H*	Bearing	\$4.26
7]	HHC109	Spindle W/ Chuck	\$8.00
8]	HNS108	Impeller	\$4.00
9]	HNS160	Cannister Shell	\$5.00
10]	HHC106	Chuck	\$4.00
11]	HHC107	Spindle	\$4.00

Accessories ~ not pictured

HMQ180	O'Ring (located in lid and shell)	\$0.30
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HNS190*	Bearing Kit	\$8.78
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Turbine Assemblies

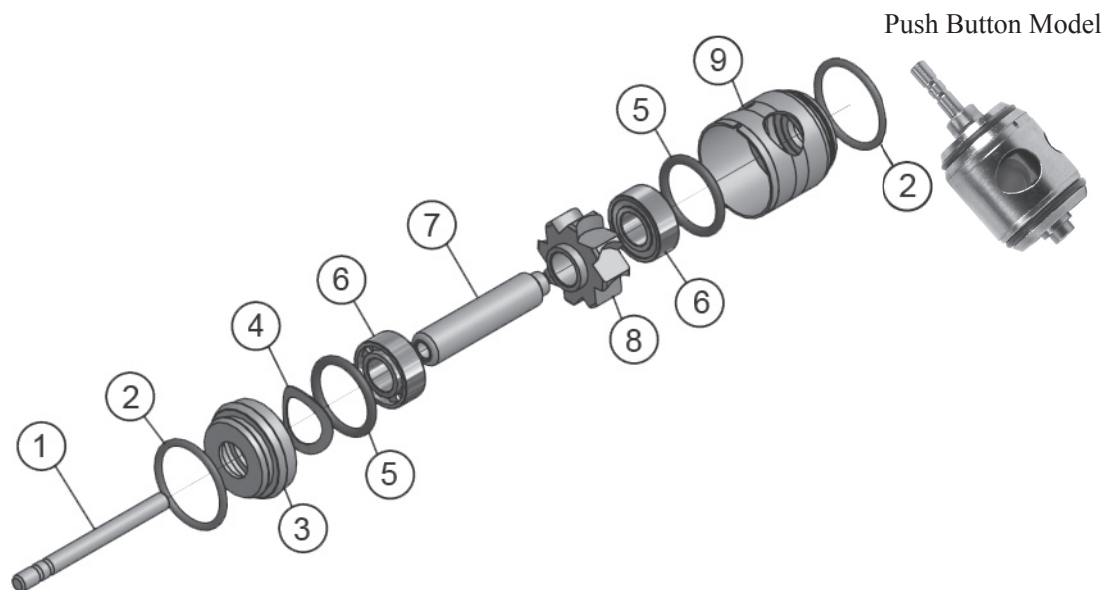
HNS100-H*	Complete Turbine	\$28.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HM8180	O'Ring - outer	\$0.25
3]	HNS170	Cannister Lid (includes O-Rings and Loading Spring)	\$3.00
4]	HMQ104	Loading Spring	\$0.25
5]	HMQ180	O'Ring - inner	\$0.30
6]	051-H*	Bearing	\$4.26
7]	HNS209	Spindle Collet Assembly w/ Impeller	\$29.75
8]	HNS108	Impeller	\$4.00
9]	HNS160	Cannister Shell (includes inner/outer O'Rings)	\$5.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HNS190*	Bearing Kit	\$8.78
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Turbine Assemblies

HNS200-H*	Complete Turbine	\$46.00
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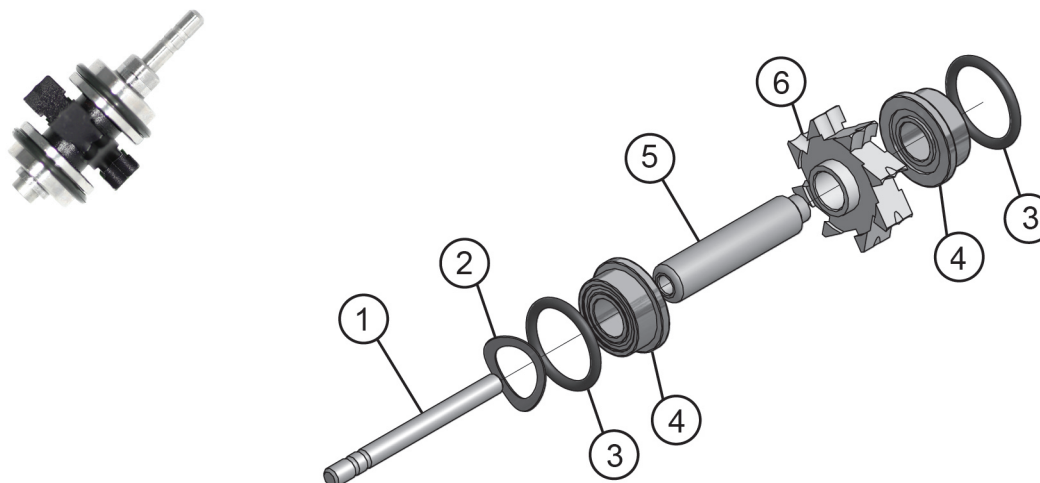
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



NSK PUSH & SWIVEL

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HMQ104	Loading Spring	\$0.25
3]	HMQ180	O'Ring	\$0.30
4]	050-H*	Bearing	\$5.97
5]	HNT209	Spindle Collet Assembly w/ Impeller	\$29.75
6]	HNT108	Impeller (Black)	\$4.00

Accessories ~ not pictured

HIA220	Teflon Washer	\$0.40
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HNV190-H*	Bearing Kit	\$13.02
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Turbine Assemblies

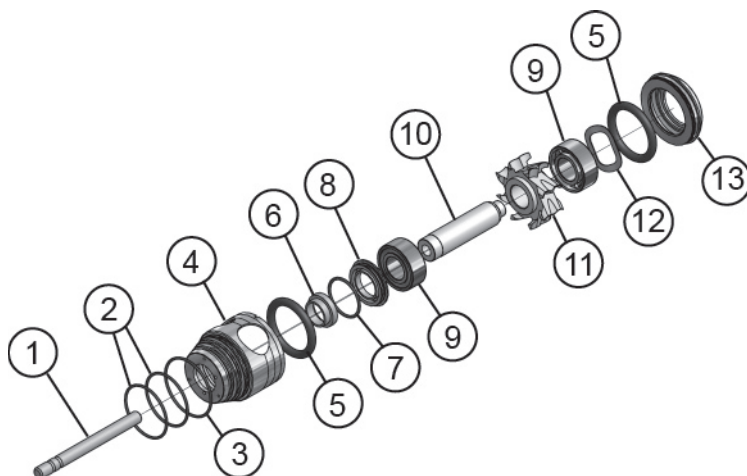
HNT200-H*	Complete Turbine	\$61.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HN7181	Small O'Ring	\$0.63
3]	HN7182	Large O'Ring	\$0.65
4]	HN7160.1	Canister Shell	N/A
5]	HKC180	O'Ring	\$0.40
6]	HN7220	Slinger	\$2.50
7]	HN7183	Slinger Seat	\$1.10
8]	N/A	Currently unavailable	\$0.25
9]	051-H*	Bearing	\$4.26
10]	HHC485	Spindle / Collet Assembly	\$29.75
11]	HN7108	Impeller	\$4.00
12]	HNS104	Loading Spring	\$0.28
13]	HN7170.1	Canister Lid	N/A

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Turbine Assemblies

HN7200-H	Complete Turbine Assembly	\$69.75
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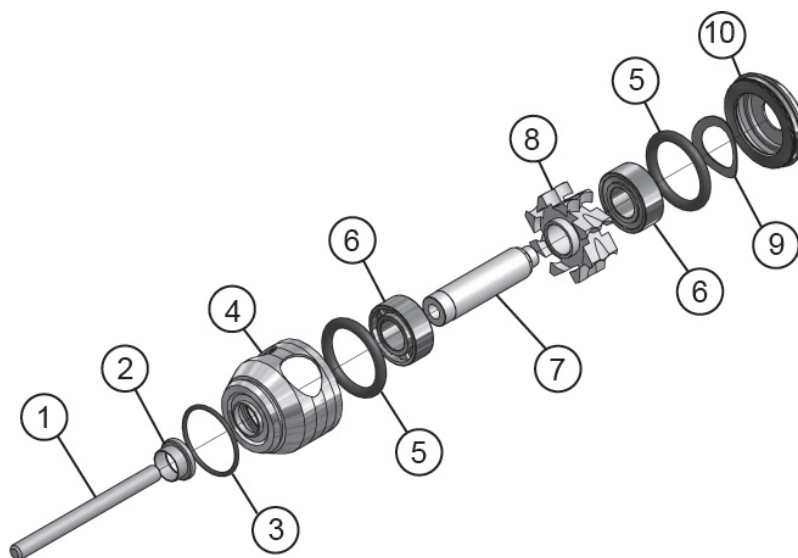
*** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H**

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Handpiece Parts and Products Inc. (800) 368-3684

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HN6112	Slinger	N/A
3]	HN6181	Canister front O'Ring	\$0.58
4]	HN6160	Canister Shell	N/A
5]	HCS180	O'Ring	N/A
6]	051-H*	Bearing	\$4.26
7]	??	Spindle Collet Assembly w/ Impeller	N/A
8]	HN6108	Impeller	N/A
9]	HMQ104	Loading Spring	\$0.25
10]	HN6170	Canister Lid	N/A

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HN6190*	Bearing Kit	N/A
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Turbine Assemblies

HN6200*	Complete Turbine	Currently not available
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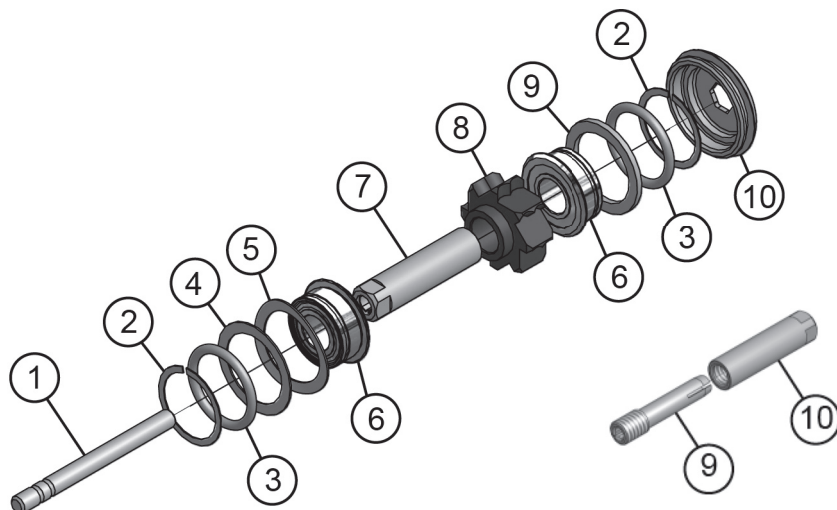
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

STAR VISTA / 430

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HSV153	Retaining Clip	\$0.55
3]	HSV180	O'ring	\$0.40
4]	HSV150	Thin Washer (Front)	\$0.40
5]	HSV151	Loading Spring	\$0.65
6]	054A-H*	Bearing	\$9.13
7]	HSV109	Spindle / Collet Assembly w/o Impeller (square)	\$8.00
8]	HSV108	Impeller	\$4.00
9]	HSV152	Thick Washer (Rear)	\$0.40
10]	HSV110	Cap	\$2.50
11]	HSV106S	Collet (chuck - square)	\$4.00
12]	HSV107	Spindle	\$4.00

Accessories ~ not pictured

HSV131S	Bur Wrench (square)	\$0.25
HSV131H	Bur Wrench (hex)	\$29.75
HSV181	Quick Disconnect Coupler O'ring Set	\$0.25
THR052	Test Pin - 100 piece pack (non-precision)	\$29.75
HSV106H	Collet (chuck - Hex)	\$4.00

Bearing Kits

HSV190A-H*	Bearing Kit (angular greased bearings)	\$18.66
HSV190X-H*	Bearing Kit (lube-free bearings)	\$29.41

Turbine Assemblies

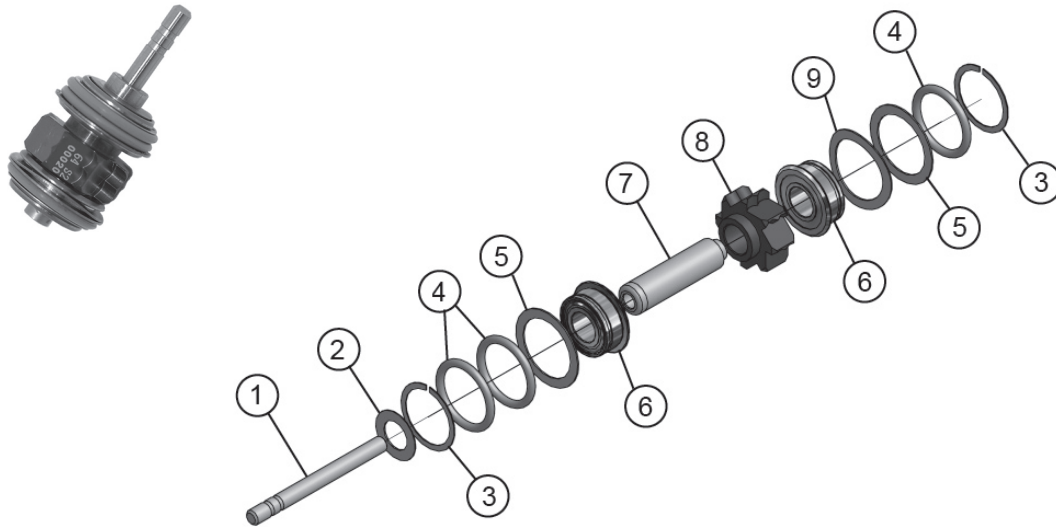
HSV100A-H*	Complete Turbine Assembly (square)	\$43.00
HSV100HA-H*	Complete Turbine Assembly (hex)	\$43.00

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HSV112	Vortex Press Washer	\$2.50
3]	HSV153	Retaining Clip	\$0.55
4]	HSV180	O'Ring (green)	\$0.40
5]	HSV150	Thin Washer	\$0.40
6]	054A-H*	Bearing (greased)	\$9.13
7]	HSV209	Spindle Assembly w/ Impeller	\$29.75
8]	HSV108	Impeller	\$4.00
9]	HSV151	Loading Spring	\$0.65

Accessories ~ not pictured

HSV210	Push Button Cap	\$12.00
HSV280	Push-Button Cap O-ring	\$0.96
HSV181	Quick Disconnect Coupler O'ring Set	\$1.50
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HSV190A-H*	Bearing Kit (angular greased bearings)	\$18.66
HSV190X-H*	Bearing Kit (lube-free bearings)	\$29.41

Turbine Assemblies

HSV200A-H*	Complete Turbine Assembly (greased bearing)	\$69.00
HSV200X-H*	Complete Turbine Assembly (lube-free)	\$79.00

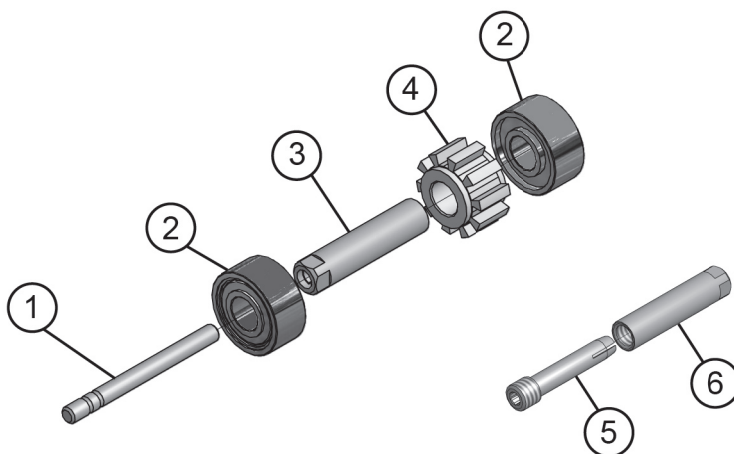
* Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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**STAR
CONCENTRIX**

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	009-H*	Bearing	\$5.83
3]	HSC109	Spindle / Collet Assembly w/o Impeller	\$8.00
4]	HSC108	Impeller	\$4.00
5]	HSC106	Collet (chuck - hex)	\$4.00
6]	HSC107	Spindle	\$4.00

Accessories ~ not pictured

HSV131H	Bur Wrench (hex)	\$4.00
HSC110	Cap	\$3.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Turbine Assemblies

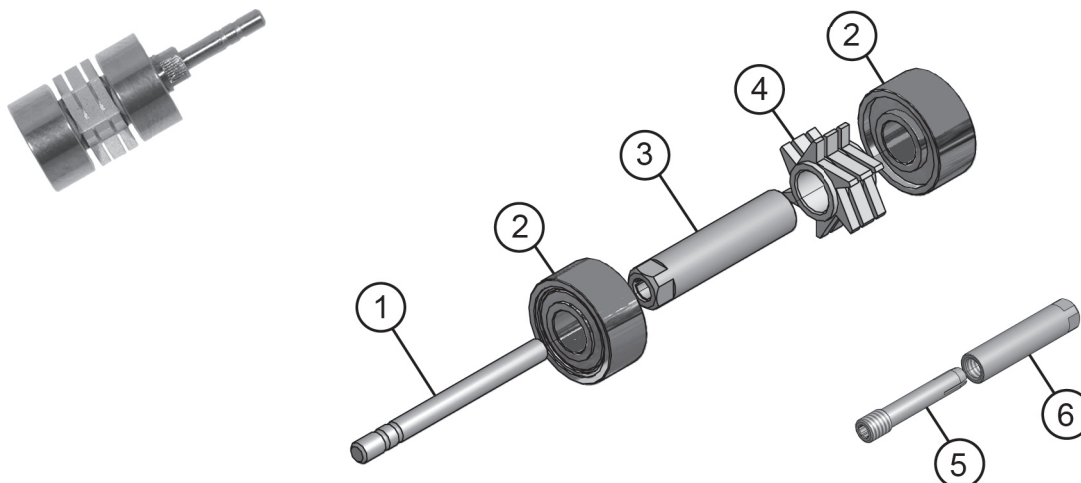
HSC100-H*	Complete Turbine	\$19.00
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** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	009-H*	Bearing	\$5.83
3]	HHC109	Spindle / Collet Assembly w/o Impeller (square)	\$8.00
3]	HSF109H	Spindle / Collet Assembly w/o Impeller (hex)	\$8.00
4]	HSF108	Impeller	\$4.00
5]	HHC106	Collet (chuck - square)	\$4.00
5]	HSF106H	Collet (chuck - hex)	\$4.00
6]	HHC107	Spindle	\$4.00

Accessories ~ not pictured

HSV131S	Bur Wrench (square)	\$4.00
HSV131H	Bur Wrench (hex)	\$4.00
HSF354	Inner Silicone Tubing (3 pieces)	\$2.70
HSF110	Cap Set (front / back)	\$2.50
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Turbine Assemblies

HSF100S-H*	Complete Turbine Assembly (square)	\$19.00
HSF100H-H*	Complete Turbine Assembly (hex)	\$19.00

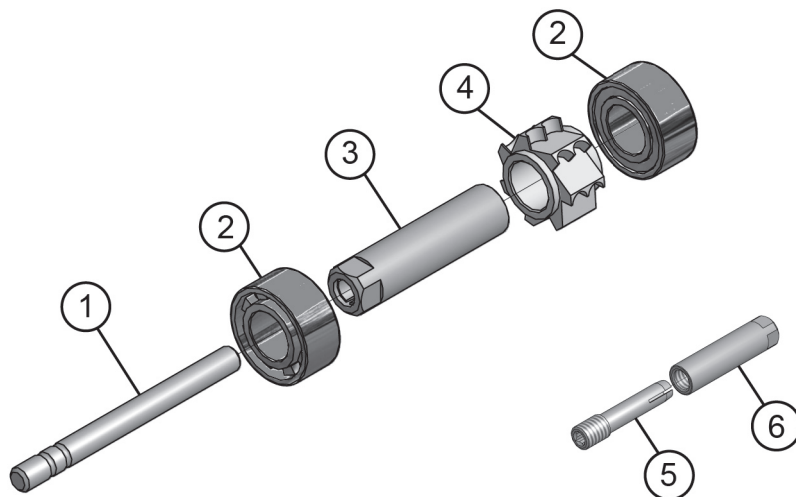
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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STAR
ULTRA

Standard Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	052P-H*	Bearing (phenolic)	\$7.93
3]	HSV109	Spindle / Collet Assembly w/o Impeller (square)	\$8.00
3]	HSV109H	Spindle / Collet Assembly w/o Impeller (hex)	\$8.00
4]	HSU108	Impeller	\$4.00
5]	HSV106H	Collet (chuck - hex)	\$4.00
5]	HSV106S	Collet (chuck - square)	\$4.00
6]	HSV107	Spindle	\$4.00

Accessories ~ not pictured

HSV131S	Bur Wrench (square)	\$4.00
HSV131H	Bur Wrench (hex)	\$4.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Turbine Assemblies

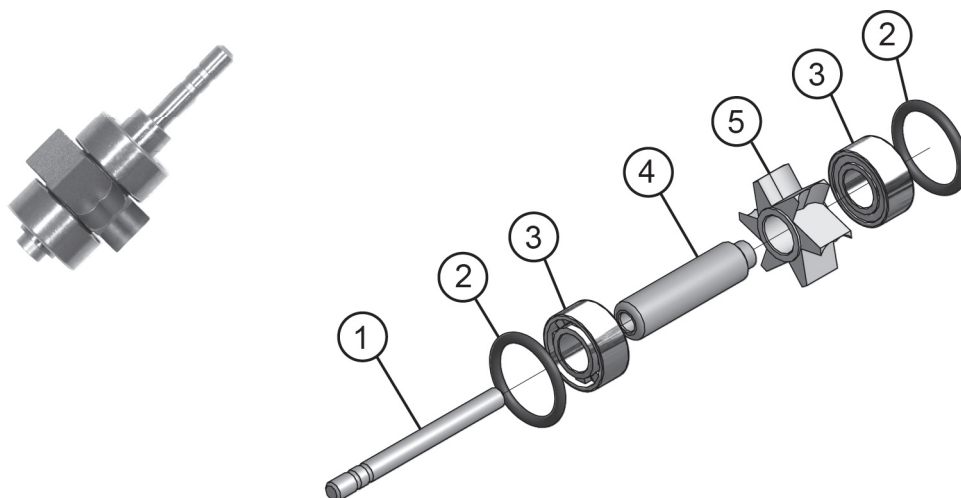
HSU100HP-H*	Complete Turbine Assembly (hex)	\$21.00
HSU100SP-H*	Complete Turbine Assembly (square)	\$21.00

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HWA180	O'Ring	\$0.40
3]	052-H*	Bearing	\$7.72
4]	HWS209	Push Button Spindle Assembly w/ Impeller	\$30.00
5]	HWA108S	Impeller (HPP Spindle)	\$5.00

Accessories ~ not pictured

HWA108L	Impeller (OEM Spindle)	\$5.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HWA190-H*	Bearing Kit	\$16.63
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Turbine Assemblies

HWS200-H*	Complete Turbine	\$61.00
HWS200P-H*	Complete Turbine (Phenolic bearing)	\$62.80

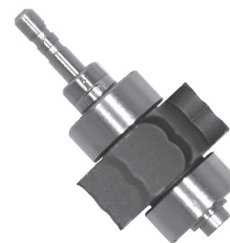
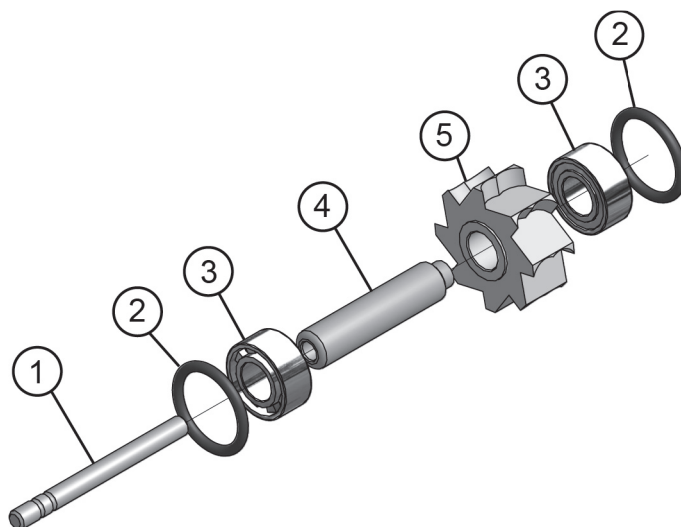
** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

W&H/ ADECC LARGE HEAD 890 SERIES

Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HWA180	O'Ring	\$0.40
3]	052-H*	Bearing	\$7.72
4]	HWL209	Spindle Collet Assembly w/ Impeller	\$30.00
5]	HWA208S	Impeller (HPP spindle)	\$5.00

Accessories ~ not pictured

HWA208L	Impeller (OEM spindle)	\$5.00
THR052	Test Pin - 100 piece pack (non-precision)	\$10.00

Bearing Kits

HWA190-H*	Bearing Kit	\$16.63
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Turbine Assemblies

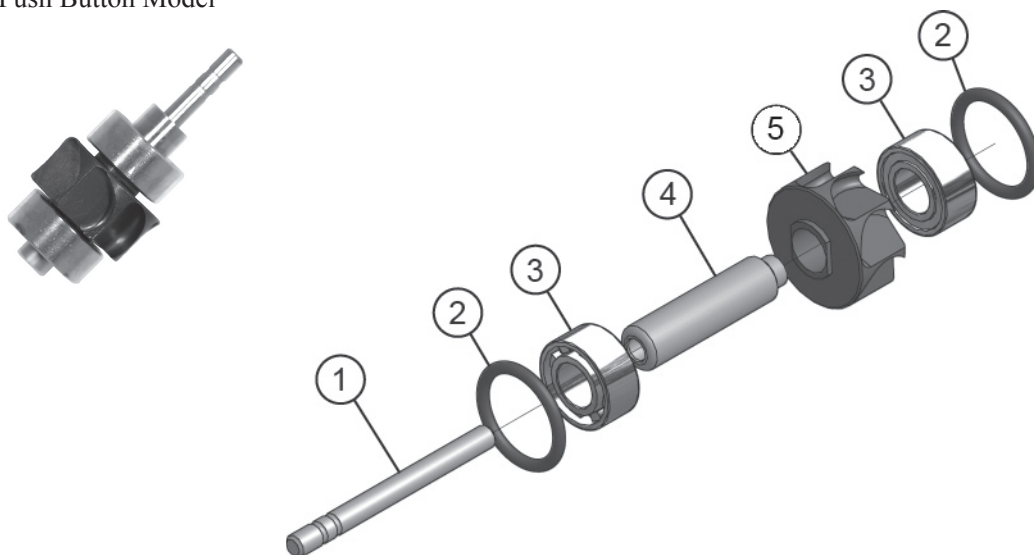
HWL200-H*	Complete Turbine	\$62.00
HWL200P-H*	Complete Turbine (Phenolic bearing)	\$63.80

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HWA180	O'Ring	\$0.40
3]	052-H*	Bearing	\$7.72
4]	HAS209M	Push Button Spindle Assembly w/ Impeller	\$30.00
5]	HAS108M	Impeller	\$10.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
HNS104	3 Point Spring	\$0.28
HWH224	Teflon Washer	\$1.25

Bearing Kits

HWA190-H*	Bearing Kit	\$16.63
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Turbine Assemblies

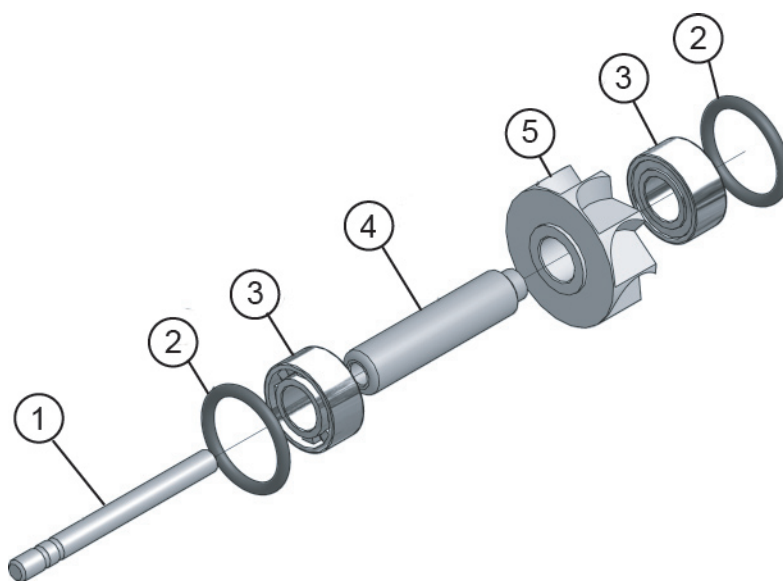
HAS200M-H*	Complete Turbine	\$61.00
HAS200MP-H*	Complete Turbine (Phenolic bearing)	\$62.80

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

Handpiece Parts and Products Inc. (800) 368-3684

W&H/ ADEEC SYNEA LARGE HEAD



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HWA180	O'Ring	\$0.40
3]	052-H*	Bearing	\$7.72
4]	HAS209	Push Button Spindle Assembly w/ Impeller	\$30.00
5]	HAS108M	Impeller	\$10.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
HNS104	3 Point Spring	\$0.28
HWH224	Teflon Washer	\$1.25

Bearing Kits

HWA190-H*	Bearing Kit	\$16.63
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Turbine Assemblies

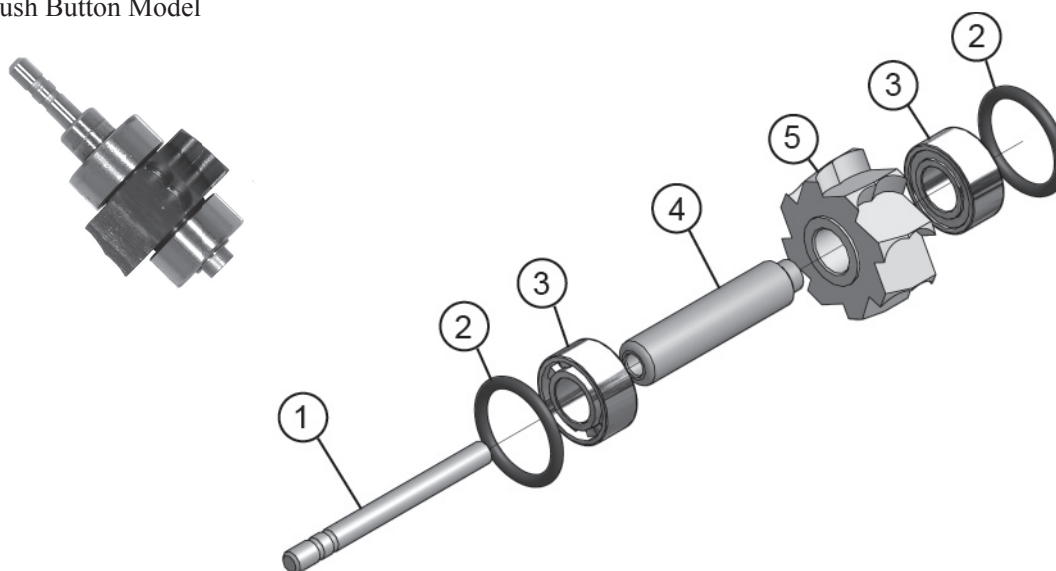
HAS200-H*	Complete Turbine	\$62.00
HAS200P-H*	Complete Turbine (Phenolic bearing)	\$63.80

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting.
Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free



Push Button Model



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR052P	Precision Test Pin	\$0.80
2]	HWA180	O'Ring	\$0.40
3]	052-H*	Bearing	\$7.72
4]	HAT209	Push Button Spindle Assembly w/ Impeller	\$30.00
5]	HAT108	Impeller	\$5.00

Accessories ~ not pictured

THR052	Test Pin - 100 piece pack (non-precision)	\$10.00
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Bearing Kits

HWT190	Bearing Kit	\$16.50
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Turbine Assemblies

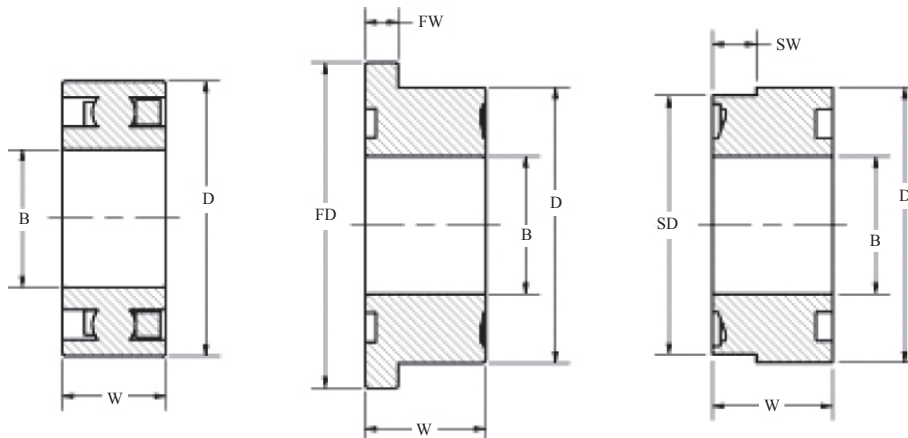
HAT200-H*	Complete Turbine	\$62.00
HAT200P-H*	Complete Turbine (P)	\$63.80

** Bearings, Bearing Kits, and Turbine Assemblies can be ordered in a variety of bearing types. When placing your order simply add the suffix corresponding to the type you are requesting. Example: XXX000-H*

H polyamide-imide
P phenolic
A angular contact
CB ceramic ball
X maintenance free

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Bearing Reference Guide*



PART #	D	B	W	FD	FW	SD	SW	RACE	GROOVE	CAGE	SHIELD	ANGULAR	RADIAL
004-H	0.1875	0.088	0.062										
004-H	4.75MM	2.25MM	1.57MM										
009-H	0.312	0.125	0.140										X
009P-H	0.312	0.125	0.140							PHENOLIC			X
012-H	0.312	0.218	0.109								NONE		X
013-H	0.250	0.125	0.094	0.295	0.023								X
021-H	0.250	0.125	0.094			0.236	0.039						X
021P-H	0.250	0.125	0.094			0.236	0.039			PHENOLIC			X
040A-H	0.250	0.125	0.109			0.236	0.042					X	
040P-H	0.250	0.125	0.109			0.236	0.042			PHENOLIC			X
040X-H	0.250	0.125	0.109			0.236	0.042						X
041A-H	0.250	0.125	0.109			0.236	0.057	EXTENDED				X	
050-H	0.250	0.125	0.109	0.295	0.030								X
050A-H	0.250	0.125	0.109	0.295	0.030							X	
050P-H	0.250	0.125	0.109	0.295	0.030					PHENOLIC			X
051-H	0.250	0.125	0.094							MINAPAR	NONE		X
051A-H	0.250	0.125	0.094									X	
051P-H	0.250	0.125	0.094							PHENOLIC			X
052-H	0.250	0.125	0.109										X
052P-H	0.250	0.125	0.109							PHENOLIC			X
054A-H	0.250	0.125	0.109	0.295	0.018				X			X	
054P-H	0.250	0.125	0.109	0.295	0.018					PHENOLIC			X
054S-H	0.25	0.125	0.109	0.295	0.018								X
054X-H	0.25	0.125	0.109	0.295	0.018								X
056-H	0.295	0.125	0.109						X				X
057-H	0.250	0.125	0.109	0.295	0.030					MINAPAR	NONE		X
058-H	0.295	0.120	0.112			0.279	0.058				DOUBLE		
058-H	7.5MM	3.04MM	2.87MM			7.33MM	1.46MM						
073-H	0.250	0.120	0.093										X
074-H	0.250	0.125	0.075					RECESSED			NONE		X
015	0.250	0.133	0.094							PHENOLIC	NONE		X
019-H	0.255	0.219	0.123										
020-H	0.299	0.262	0.061										

*ALL MEASUREMENTS LISTED IN INCHES UNLESS OTHERWISE NOTED
LISTINGS IN ITALICS ARE METRIC MEASUREMENTS



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Bearing Reference Guide*

PART #	D	B	W	FD	FW	SD	SW	RACE	GROOVE	CAGE	SHIELD	ANGULAR	RADIAL
072	0.250	0.125	0.094										X
082	0.312	0.125	0.141							STEEL	DOUBLE		X
083	5.5MM	2.35MM	3.0MM							STEEL	NONE		X
084	0.236	0.118	0.079							STEEL	NONE		X
087-H	0.625	0.250	0.195							STEEL	DOUBLE		X
088-H	0.375	0.187	0.125							STEEL	DOUBLE		X
089	0.315	0.196	0.118								DOUBLE		X
090	0.375	0.125	0.156							STEEL	DOUBLE		X
094	0.250	0.125	0.094							STEEL	SINGLE		X
095	0.315	0.118	0.157							STEEL	SINGLE		X
095	8MM	3MM	4MM										
096	0.394	0.118	0.157							STEEL	DOUBLE		X
096	10MM	3MM	4MM										
098	0.512	0.236	0.197							STEEL	DOUBLE		X
098	13MM	6MM	5MM										
099	0.500	0.312	0.156							STEEL	DOUBLE		X
100	0.500	0.187	0.156							STEEL	NONE		X
1000-H	0.500	0.250	0.187								DOUBLE		X
1001-H	0.187	0.092	0.094								DOUBLE		X
1002-H	0.433	0.276	0.118								DOUBLE		X
1003	0.312	0.125	0.109	0.358	0.023						NONE		X
1005-H	0.312	0.125	0.141	0.359	0.030						DOUBLE		X
1006-H	0.312	0.092	0.109								NONE		X
101	0.236	0.078	0.091							STEEL	DOUBLE		X
101	6MM	2MM	2.3MM										
102	0.394	0.118	0.157							STEEL	NONE		X
102	10MM	3MM	4MM										
105	0.276	0.118	0.118							STEEL	DOUBLE		X
105	7MM	3MM	3MM										
106	0.315	0.157	0.079							STEEL	NONE		X
106	8MM	4MM	2MM										
107	0.433	0.157	0.157							STEEL	DOUBLE		X
107	11MM	4MM	4MM										
108	0.312	0.092	0.141							STEEL	DOUBLE		X
109	0.250	0.125	0.109							STEEL	DOUBLE		X
110	0.63	0.315	0.236							PHENOLIC	DOUBLE		X
110	16MM	8MM	6MM										
111	0.551	0.315	0.157							STEEL	DOUBLE		X
111	14MM	8MM	4MM										
112	0.433	0.157	0.157							PHENOLIC	DOUBLE		X
112	11MM	4MM	4MM										
113	0.315	0.118	0.157							PHENOLIC	DOUBLE		X
113	8MM	3MM	4MM										
114	0.276	0.157	0.079							STEEL	NONE		X
114	7MM	4MM	2MM										
116	0.315	0.118	0.118							STEEL	DOUBLE		X
116	8MM	3MM	3MM										

*ALL MEASUREMENTS LISTED IN INCHES UNLESS OTHERWISE NOTED
LISTINGS IN *ITALICS* ARE METRIC MEASUREMENTS



Handpiece Parts and Products Inc. (800) 368-3684

Bearing Reference Guide*

PART #	D	B	W	FD	FW	SD	SW	RACE	GROOVE	CAGE	SHIELD	ANGULAR	RADIAL
117	0.669	0.276	0.197							STEEL	DOUBLE		X
<i>117</i>	<i>17MM</i>	<i>7MM</i>	<i>5MM</i>										
<i>1170-H</i>	<i>11MM</i>	<i>7MM</i>	<i>3MM</i>										
118	0.354	0.157	0.157							STEEL	DOUBLE		X
<i>118</i>	<i>9MM</i>	<i>4MM</i>	<i>4MM</i>										
120	0.276	0.118	0.079							STEEL	NONE		X
<i>120</i>	<i>7MM</i>	<i>3MM</i>	<i>2MM</i>										
121	0.433	0.197	0.197							STEEL	DOUBLE		X
<i>121</i>	<i>11MM</i>	<i>5MM</i>	<i>5MM</i>										
122	0.512	0.157	0.197							STEEL	NONE		X
<i>122</i>	<i>13MM</i>	<i>4MM</i>	<i>5MM</i>										
123	0.315	0.197	0.098							STEEL	DOUBLE		X
<i>123</i>	<i>8MM</i>	<i>5MM</i>	<i>2.5MM</i>										
124	0.512	0.197	0.157							STEEL	DOUBLE		X
<i>124</i>	<i>13MM</i>	<i>5MM</i>	<i>4MM</i>										
125	0.236	0.118	0.098							STEEL	DOUBLE		X
<i>125</i>	<i>6MM</i>	<i>3MM</i>	<i>2.5MM</i>										
126	0.276	0.157	0.098							STEEL	DOUBLE		X
<i>126</i>	<i>7MM</i>	<i>4MM</i>	<i>2.5MM</i>										
127	0.354	0.118	0.157							STEEL	DOUBLE		X
<i>127</i>	<i>9MM</i>	<i>3MM</i>	<i>4MM</i>										
128	0.630	0.197	0.197							STEEL	DOUBLE		X
<i>128</i>	<i>16MM</i>	<i>5MM</i>	<i>5MM</i>										
129	0.433	0.197	0.157							STEEL	DOUBLE		X
<i>129</i>	<i>11MM</i>	<i>5MM</i>	<i>4MM</i>										
130	0.375	0.125	0.109							STEEL	NONE		X
131	0.375	0.1875	0.125							STEEL	DOUBLE		X
133	0.312	0.092	0.141	0.359	0.030					STEEL	DOUBLE		X
134	0.374	0.197	0.118							STEEL	SINGLE		X
<i>134</i>	<i>9.5MM</i>	<i>5MM</i>	<i>3MM</i>										
<i>135</i>	<i>8MM</i>	<i>5MM</i>	<i>2MM</i>							STEEL	NONE		X
136	0.394	0.197	0.118							STEEL	NONE		X
<i>136</i>	<i>10MM</i>	<i>5MM</i>	<i>3MM</i>										
137	0.312	0.187	0.125							STEEL	DOUBLE		X
138	0.500	0.187	0.197							PHENOLIC	NONE		X
139	0.312	0.092	0.141							STEEL	NONE		X
142	0.472	0.236	0.157							STEEL	DOUBLE		X
<i>142</i>	<i>12MM</i>	<i>6MM</i>	<i>4MM</i>										
144	0.512	0.276	0.157							STEEL	DOUBLE		X
<i>144</i>	<i>13MM</i>	<i>7MM</i>	<i>4MM</i>										
145	0.669	0.354	0.197							STEEL	DOUBLE		X
<i>145</i>	<i>17MM</i>	<i>9MM</i>	<i>5MM</i>										
146	0.315	0.157	0.118							STEEL	DOUBLE		X
<i>146</i>	<i>8MM</i>	<i>4MM</i>	<i>3MM</i>										
149	0.551	0.276	0.197							STEEL	DOUBLE		X
<i>149</i>	<i>14MM</i>	<i>7MM</i>	<i>5MM</i>										

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Handpiece Parts and Products Inc. (800) 368-3684

Bearing Reference Guide*

PART #	D	B	W	FD	FW	SD	SW	RACE	GROOVE	CAGE	SHIELD	ANGULAR	RADIAL
150	0.394	0.197	0.157							STEEL	DOUBLE		X
<i>150</i>	<i>10MM</i>	<i>5MM</i>	<i>4MM</i>										
152	0.250	0.135	0.07							PHENOLIC	NONE		X
<i>153</i>	<i>6MM</i>	<i>2MM</i>	<i>2.3MM</i>							PHENOLIC	DOUBLE		X
156	0.276	0.118	0.079								NONE		
157	0.472	0.315	0.138							STEEL	DOUBLE		X
<i>157</i>	<i>12MM</i>	<i>8MM</i>	<i>3.5MM</i>										
159	0.354	0.157	0.157	0.405	0.039					STEEL	DOUBLE		X
<i>159</i>	<i>9MM</i>	<i>4MM</i>	<i>4MM</i>	<i>10.29MM</i>	<i>1MM</i>								
<i>160-H</i>	<i>13MM</i>	<i>4MM</i>	<i>5MM</i>							STEEL	NONE		
161	0.315	0.197	0.118							STEEL	DOUBLE		X
<i>161</i>	<i>8MM</i>	<i>5MM</i>	<i>3MM</i>										
<i>162</i>	<i>10MM</i>	<i>4MM</i>	<i>3MM</i>							STEEL	SINGLE		
164	0.394	0.157	0.157							STEEL	DOUBLE		X
<i>164</i>	<i>10MM</i>	<i>4MM</i>	<i>4MM</i>										
166	0.236	0.118	0.079	0.283	0.023					STEEL	NONE		X
<i>166</i>	<i>6MM</i>	<i>3MM</i>	<i>2MM</i>	<i>7.2MM</i>	<i>0.58MM</i>								
170	0.315	0.197	0.079	0.362	0.023					STEEL	NONE		X
<i>170</i>	<i>8MM</i>	<i>5MM</i>	<i>2MM</i>	<i>9.2MM</i>	<i>0.58MM</i>								
180	0.315	0.118	0.157							STEEL	DOUBLE		X
<i>180</i>	<i>8MM</i>	<i>3MM</i>	<i>4MM</i>										
181	0.512	0.276	0.157							STEEL	DOUBLE		X
<i>181</i>	<i>13MM</i>	<i>7MM</i>	<i>4MM</i>										
182	0.394	0.118	0.157							STEEL	DOUBLE		X
<i>182</i>	<i>10MM</i>	<i>3MM</i>	<i>4MM</i>										
183	0.315	0.157	0.079	0.362	0.023					STEEL	NONE		X
<i>183</i>	<i>8MM</i>	<i>4MM</i>	<i>2MM</i>	<i>9.2MM</i>	<i>0.58MM</i>								
184	0.315	0.098	0.157							STEEL	DOUBLE		X
<i>184</i>	<i>8MM</i>	<i>2.5MM</i>	<i>4MM</i>										
186	0.748	0.394	0.276							STEEL	DOUBLE		X
<i>186</i>	<i>19MM</i>	<i>10.15MM</i>	<i>7MM</i>										
189	0.375	0.1875	0.125							STEEL	DOUBLE		X
<i>190</i>	<i>10MM</i>	<i>5MM</i>	<i>3MM</i>							STEEL	DOUBLE		X
<i>195</i>	<i>6.5MM</i>	<i>3.4MM</i>	<i>1.6MM</i>							CERAMIC BALL			
<i>196</i>	<i>5MM</i>	<i>2.35NN</i>	<i>1.5MM</i>							CERAMIC BALL			
<i>197</i>	<i>5MM</i>	<i>2MM</i>	<i>1.5MM</i>							CERAMIC BALL			
<i>198</i>	<i>6.35MM</i>	<i>3.175MM</i>	<i>1.9MM</i>	<i>2.78MM</i>				EXTENDED		CERAMIC BALL			
<i>199</i>	<i>5.5MM</i>	<i>2.35MM</i>	<i>2.0MM</i>							CERAMIC BALL			
LST020	0.312	0.125	0.109								NONE		X
LST021	0.375	0.125	0.109								NONE		X
LST022	0.500	0.187	0.195								DOUBLE		X
LST023	0.375	0.250	0.125								DOUBLE		X

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O'Ring Reference Guide*

PART #	DESCRIPTION	ID	CS	MATERIAL	COLOR	PART #	DESCRIPTION	ID	CS	MATERIAL	COLOR
G380892	STAR VISTA 430	0.311	0.02	VITON	PURPLE	LST180	O-RING	0.061	0.033	VITON	BLACK
G380894	END-CAP O-RING, STAR	0.311	0.02	VITON	GREEN	LST181	MICROMITE O-RING	0.123	0.04	BUNA 90	
HBA125	BIEN AIR LAB O-RING	0.122	0.04	VITON		LST182	O-RING, (R&D)	0.51	0.042	VITON	GREEN
HBB180	BLACK PEARL O-RING	0.312	0.04	VITON		LXX181	MICROMITE LARGE O-RING	0.376	0.048	BUNA 90	
HBB181	BLACK PEARL FG, SMALL	0.157	0.04	VITON		SST006.3	SCALER WATER LINE BRACE ID	0.0315	0.0315	VITON	
HBL182	BEIN AIR LAB FRONT O-RING	0.157	0.038	VITON	BLACK	SST180	SCALER WATER LINE BRACE OD	0.061	0.0315	VITON	
HBO181	ONDINE & PRESTIGE REAR	0.262	0.04	VITON		SST181	SCALER LARGE O-RING	0.1795	0.07	VITON	
HBO182	ONDINE & PRESTIGE SMALL	0.14	0.037	VITON		SST182	SCALER QUAD RING	0.114	0.058	VITON	BLACK
HCL180	O-RING	0.241	0.041	VITON	BLACK	HN6181	NSK NL65 MACHLITE FRONT CAN	0.26	0.016	BUNA	
HCS180	NSK CLEAN HEAD STD O-RING	0.246	0.0394			HN7182	NSK NL75 MACHLITE FRONT LG	0.304	0.012	BUNA	
HHC180	SBI O-RING	0.227	0.046	VITON		HN7183	NSK NL75 MACHLITE SLINGER SEAT	0.195	0.013	BUNA	
HK7181	SPRAY COVER LARGE KAVO 647B	0.233	0.019	VITON	BLACK						
HK7182	SPRAY COVER SMALL KAVO 647B	0.332	0.02	VITON	BLACK						
HKC180	BORDEN O-RING	0.228	0.04	BUNA-90	BLACK						
HKC181	SPRAY COVER LARGE O-RING	0.332	0.019	VITON	RED						
HKC182	SPRAY COVER SMALL O-RING	0.156	0.024	VITON	BLUE						
HKV144	KAVO WATERLINE O-RING	0.06	0.023	VITON	RED						
HKV170	KAVO COUPLER CLEAR O-RING	0.148	0.04	SIMRIZ	CLEAR						
HKV171	KAVO COUPLER LARGE O-RING	0.25	0.034								
HL5180	LARES O-RING	0.237	0.0295	BUNA N							
HM8180	MW8000 O-RING	0.2375	0.026	VITON	BROWN						
HMQ180	MIDWEST O-RING	0.238	0.031	VITON							
HMS180	STYLUS O-RING	0.2765	0.045	SILICONE							
HMT180	MW SQUARE RING	0.239	0.028	SILICONE	BLUE						
HMT181	MW TRADITION SQUARE RING	0.236	0.025	VITON	BLUE						
HPI180	IMPACT AIR O-RING	0.24	0.031	VITON	BLUE						
HN7181	NSK NL75 MACH LITE FRONT SMALL	0.273	0.012	BUNA	BLACK						
HSV180	STAR O-RING	0.238	0.031	SILICONE	GREEN						
HSV183	STAR MANIFOLD O-RING	0.333	0.041	SILICONE	GREEN						
HSV184	STAR COUPLER O-RING	0.294	0.041	SILICONE	GREEN						
HSV185	STAR COUPLER SMALL O-RING	0.177	0.031	VITON	GREEN						
HSV186	STAR COUPLER LARGE O-RING	0.294	0.04	VITON	GREEN						
HWA180	ADEC O-RING	0.24	0.032	VITON							
LLX181	LITTLE GUY REV. SCREW O-RING	0.043	0.049	VITON							
LLX183	SQUARE RING	0.438	0.032	VITON							
LMD181	O-RING	0.548	0.069	VITON	RED						
LML180	LYNX REVERSING VALVE O-RING	0.11	0.0825	VITON							
LMX180	DIRECTIONAL SWITCH O-RING	0.141	0.026	VITON	BLACK						

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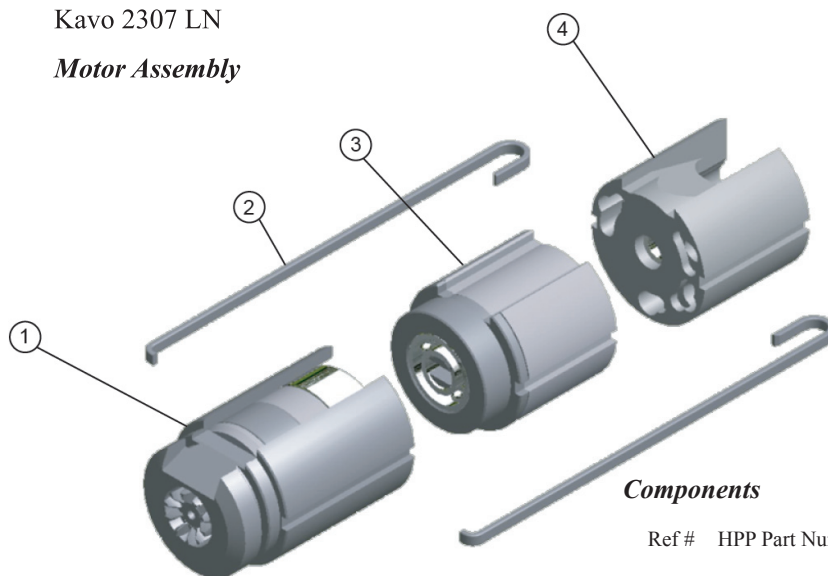


KAVO 2307 LN

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Kavo 2307 LN

Motor Assembly

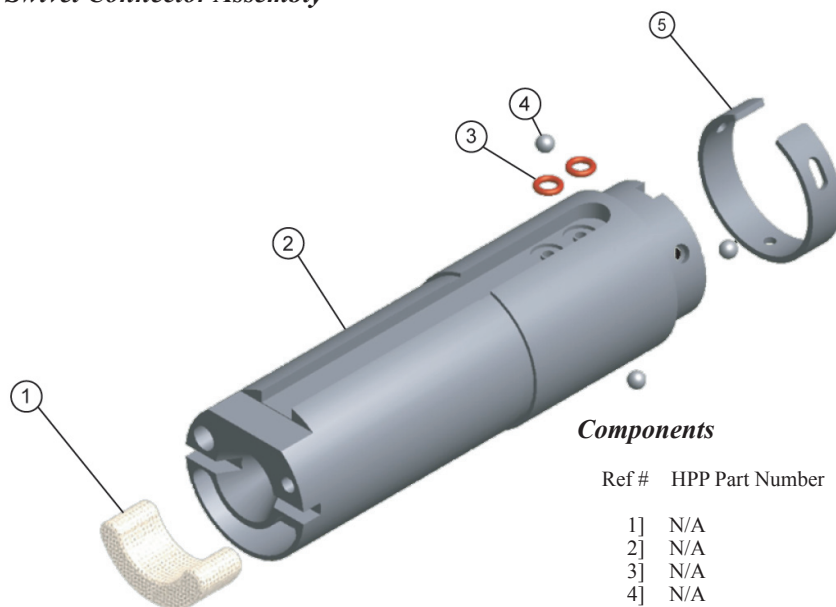


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	Trans. Assembly	See Parts breakdown on page 65	N/A
2]	LK7053.1**	Motor Clip	N/A
3]	Rotor Assembly	See Parts breakdown on page 66	N/A
4]	Distributor Assembly	See Parts breakdown on page 67	N/A

Kavo 2307 LN

Swivel Connector Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	N/A	Felt Baffle	N/A
2]	N/A	Swivel Connector	N/A
3]	N/A	Waterline O-Ring	N/A
4]	N/A	Clip Locking Ball	N/A
5]	N/A	Connector Clip	N/A

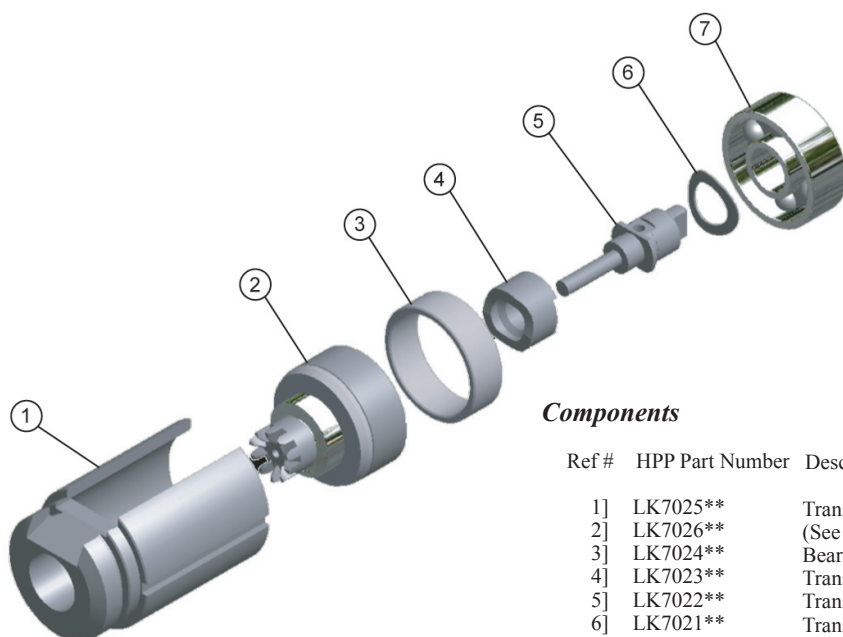
**** ITEMS MARKED WITH A DOUBLE ASTERIC (**) ARE CURRENTLY NOT AVAILABLE THROUGH HPP. THESE PARTS ARE IN DEVELOPMENT AND WILL BE AVAILABLE IN THE FUTURE. WE HAVE LISTED THEM IN THIS CATALOG AS A REFERENCE TOOL FOR YOU. FEEL FREE TO CONTACT US IF YOU HAVE ANY QUESTIONS REGARDING THESE PARTS. AS PARTS BECOME AVAILABLE, YOU WILL BE NOTIFIED VIA OUR NEWSLETTER AND OUR FACEBOOK PAGE.**

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KAVO 2307 LN

Kavo 2307 LN

Transmission Assembly

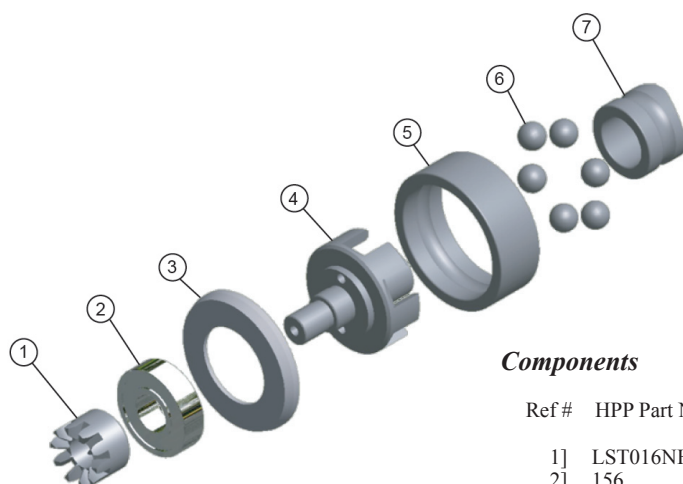


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LK7025**	Transmission Housing	N/A
2]	LK7026**	(See parts breakdown below)	N/A
3]	LK7024**	Bearing Spacer	N/A
4]	LK7023**	Transmission Clutch	N/A
5]	LK7022**	Transmission Shaft	N/A
6]	LK7021**	Transmission Spring Washer	N/A
7]	107	Bearing	\$6.60

Kavo 2307 LN

Output Shaft Assembly



Components

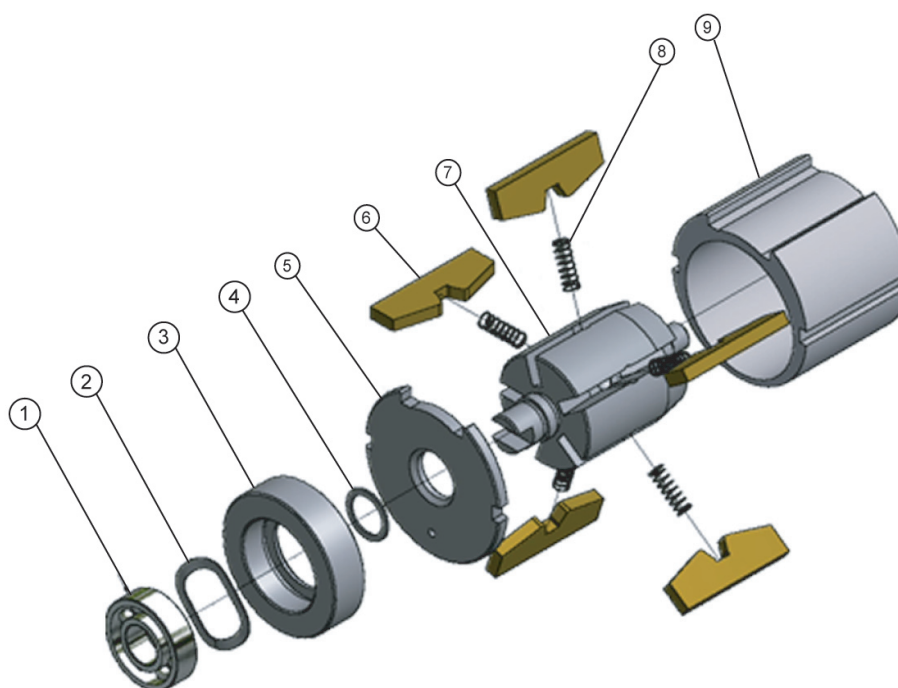
Ref #	HPP Part Number	Description	Wholesale Price
1]	LST016NH	Bevel Gear w/out Hole	\$13.00
2]	156	Bearing	\$10.00
3]	LK7026-2**	Front Output Shaft Plate	N/A
4]	LK7026-1**	Output Shaft	N/A
5]	LK7026-3**	Outer Race	N/A
6]	LK7026-5**	Ball Bearings	N/A
7]	LK7026-4**	Inner race	N/A

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Kavo 2307 LN

Rotor Assembly



Components

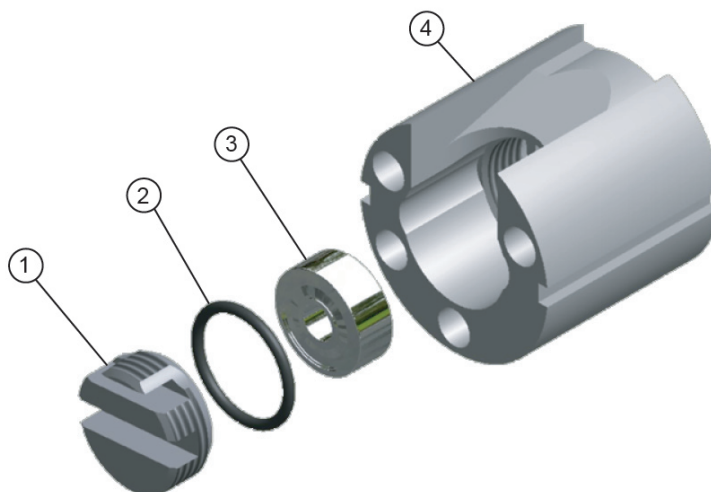
Ref #	HPP Part Number	Description	Wholesale Price
1]	120	Bearing	\$7.75
2]	LK7032**	Bearing Wave Spring	N/A
3]	LK7027**	Bearing Plate	N/A
4]	LK7031**	Rotor Seal Washer	N/A
5]	LK7030	Rotor Housing Plate	\$5.75
6]	LK2193	Rotor Blades (set of 5)	\$25.00
7]	LK7029**	Rotor	N/A
8]	LK2194	Rotor Springs (set of 5)	\$11.00
9]	LK7028	Rotor Housing	\$18.65

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Kavo 2307 LN

Distributor Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LK7036**	Distrubtor Set Screw	N/A
2]	LK7035	Distributor O-Ring	\$0.75
3]	101	Bearing	\$10.00
4]	LK7034**	Distributor	N/A

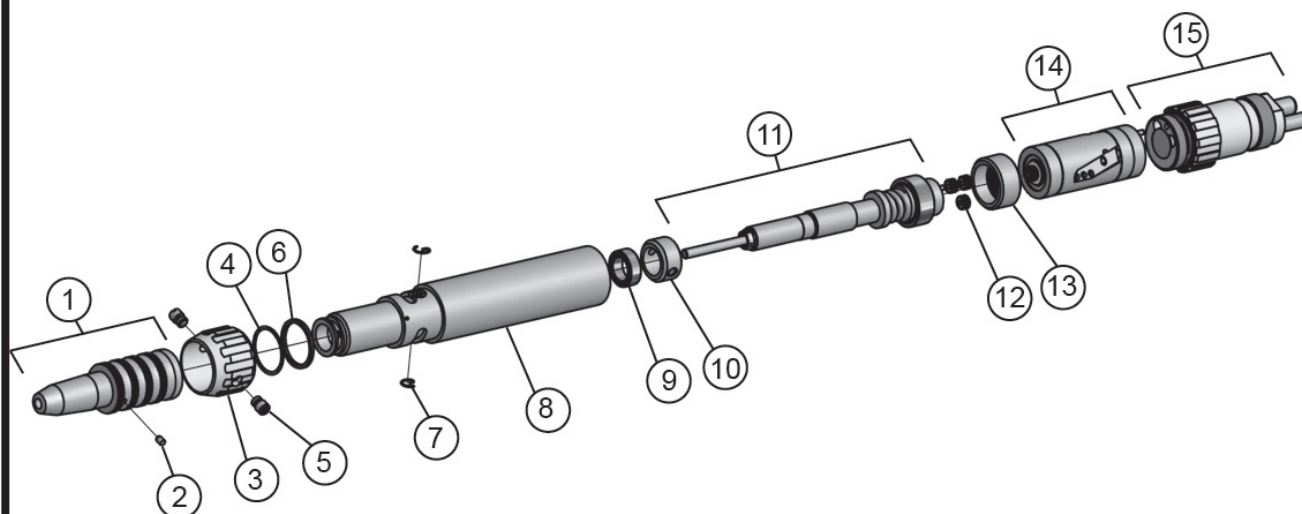
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LittleGuy / Champion

Complete Assembly



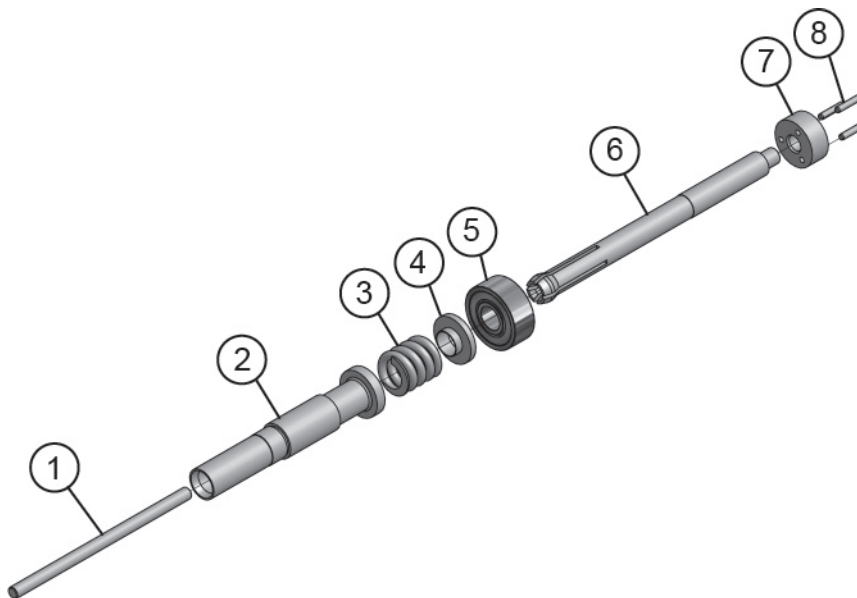
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	16080	Nose Assembly (See parts breakdown on page 67)	
2]	LLX014	Retaining Pin	\$3.67
3]	LLX019	Chuck Release Collar	\$8.00
4]	LLX013	Slip Ring	\$1.78
5]	16087	Collet Screw	\$1.60
6]	LLX183	Quad Ring	\$0.65
7]	LLX010	Detent Spring	\$2.43
8]	N/A	Housing	N/A
9]	LST023	Bearing	\$4.80
10]	LLX017	Collet Opener	\$12.00
11]	Spindle - Assy	Spindle/ Collet Assembly (See parts breakdown on page 65)	
12]	16036	Idle Gears (set of 3)	\$12.00
13]	LLX022	Ring Gear	\$12.50
14]	16040	Motor Assembly (See parts breakdown on page 66)	
15]	16571	Back End Assembly (See parts breakdown on page 67)	

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LittleGuy / Champion

Collet Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR054	Slow Speed Shipping Pin	\$0.25
2]	16014	Collet Sleeve	\$12.00
3]	LLX020	Collet Spring	\$3.50
4]	LLX009	Collet Spacer	\$4.00
5]	LST022	Bearing	\$4.80
6]	LLX107	Collet Assembly (long)	\$54.56
7]	16037**	Tri Plate	N/A
8]	16038**	Gear Pin	N/A

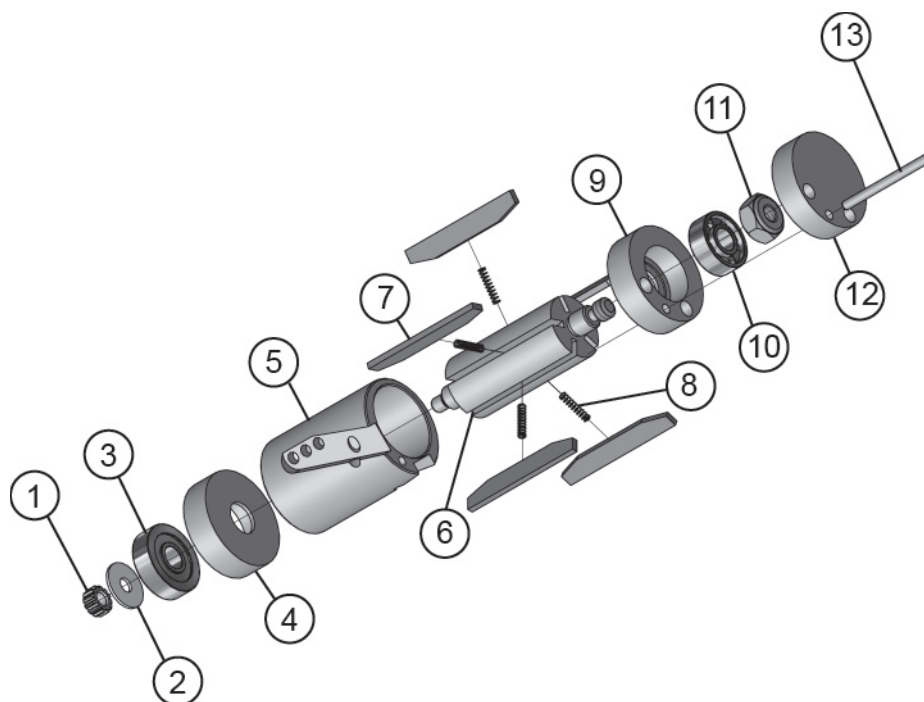
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LittleGuy / Champion

Motor Assembly



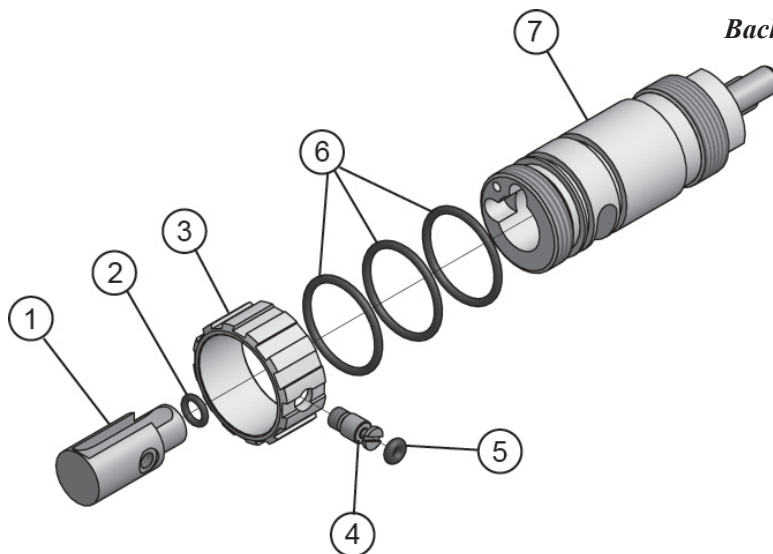
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	16055	Sun Gear	\$6.25
2]	LLX012	Nose Seal	\$0.78
3]	LST021	Bearing	\$4.80
4]	LLX027	Lower End Plate	\$1.78
5]	LLX028	Cylinder	\$20.00
6]	LLX029	Rotor	\$21.67
7]	LLX007	Rotor Blade (set of 5)	\$6.00
8]	LLX008	Rotor Spring (set of 5)	\$4.38
9]	LLX032	Upper End Plate	\$10.00
10]	LST020	Bearing	\$4.80
11]	LLX004	Motor Nut	\$2.25
12]	LLX024	Cover Plate	\$14.50
13]	LLX015	Alignment Pin	\$1.04

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LITTLE GUY / CHAMPION SOLWSPEED

LittleGuy / Champion
Back End Assembly

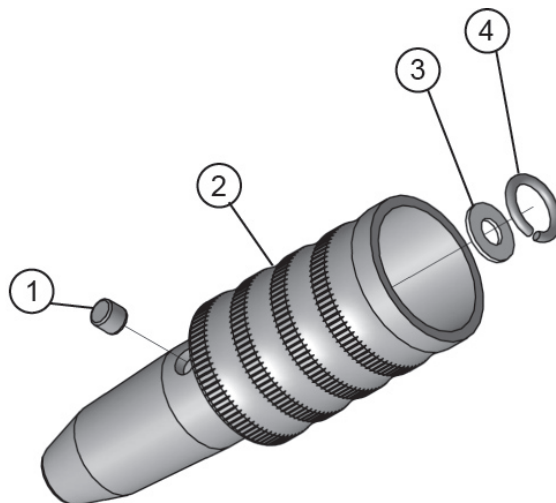


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LLX006	Reversing Valve	\$20.00
2]	LLX180	Reversing Valve O'Ring	\$0.68
3]	LLX018	Reversing Ring	\$6.50
4]	LLX016	Reversing Valve Screw	\$3.49
5]	LLX181	Reversing Valve Screw O'Ring	\$0.65
6]	LLX182	Large O'Ring	\$0.60
7]	16571	Back End	\$19.95

LittleGuy / Champion

Nose Assembly



Components

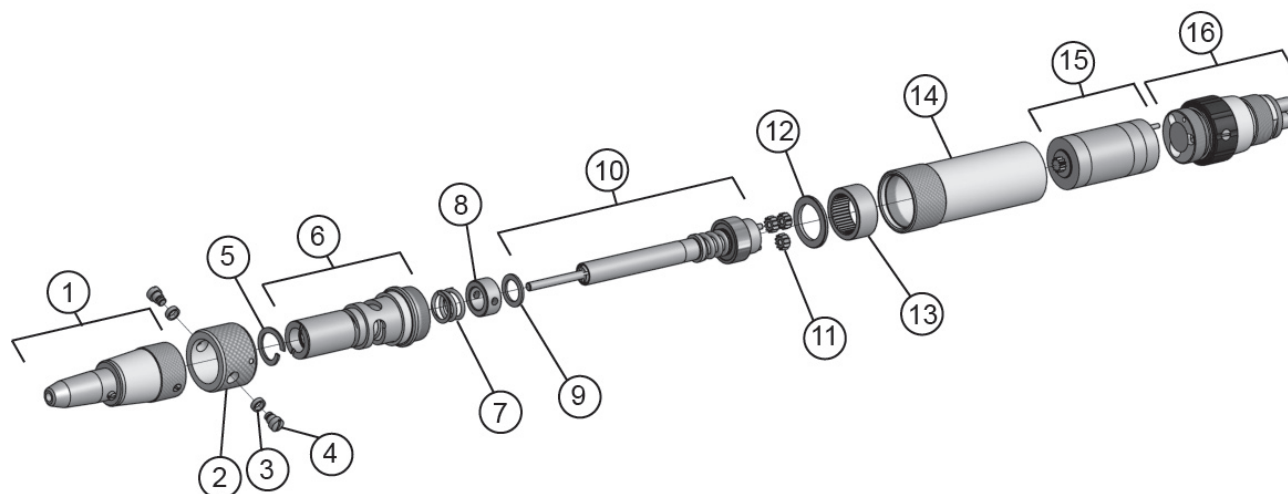
Ref #	HPP Part Number	Description	Wholesale Price
1]	LLX021	Nose Key	\$3.00
2]	16080	Nose Assembly	N/A
3]	LLX012	Nose Seal	\$0.78
4]	LLX011	Nose Retaining Clip	\$2.23



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Micromite

Complete Assembly

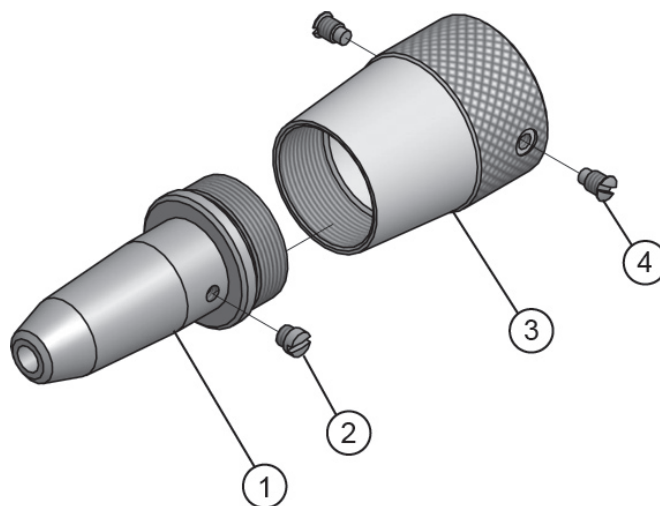


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LXX002	Complete Nose Assembly (see parts breakdown on page 69)	\$24.00
2]	LXX011	Collet Release Ring	\$9.00
3]	LXX035	Rolling Ring	\$2.50
4]	LXX010	Collet Ring Screw	\$0.95
5]	LXX003	Swivel Washer	\$0.95
6]	LXX045	Stainless Steel Sheath Assembly (see parts breakdown on page 70)	\$2.50
7]	LXX013	Collet Spring	\$8.00
8]	LXX014	Collet Collar	\$1.40
9]	LXX004	Adjuster Washer	\$75.00
10]	LXX005	Collet Shaft Assembly (see parts breakdown on page 71)	\$14.00
11]	LXX190	Planetary Gears (set of 3)	\$1.20
12]	LXX021	Bearing Washer	\$12.00
13]	LXX022	Internal Gear	\$18.00
14]	LXX023	Aluminum Sheath	\$98.00
15]	LXX075	Complete Motor Assembly (see parts breakdown on page 72)	\$55.00
16]	LXX025	Complete Back End Assembly (see parts breakdown on page 73)	

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MicroMite
Nose Assembly



Components

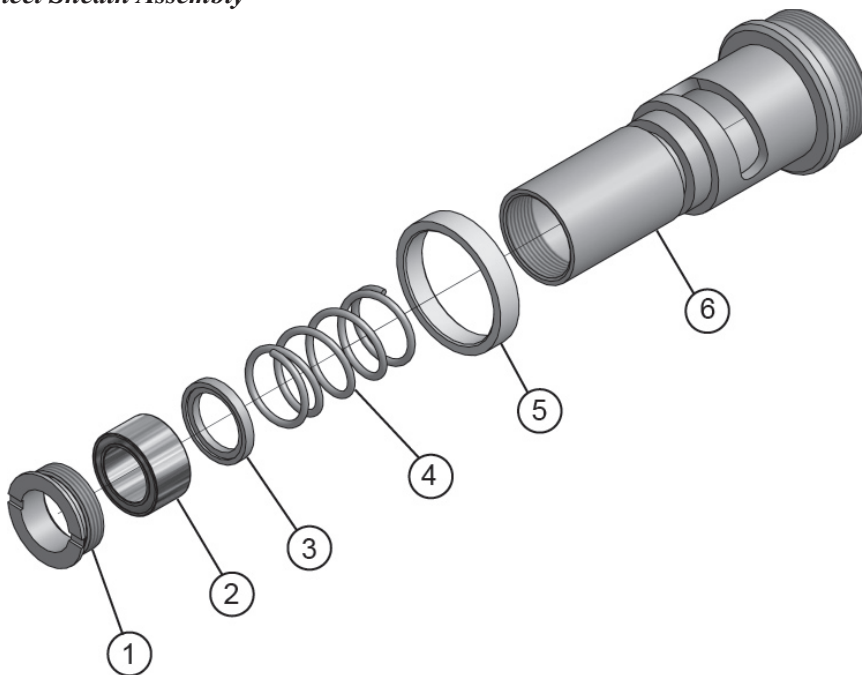
Ref #	HPP Part Number	Description	Wholesale Price
1]	LXX002.1	Nose Assembly/ Stainless	\$11.00
2]	LXX002.2	Nose Alignment Screw	\$0.95
3]	LXX002.3	Nose Assembly / Aluminum	\$9.00
4]	LXX002.4	Nose Screw (swivel screw)	\$1.20

MICROMITE 5,500 RPM SLOW SPEED



Micromite

Stainless Steel Sheath Assembly

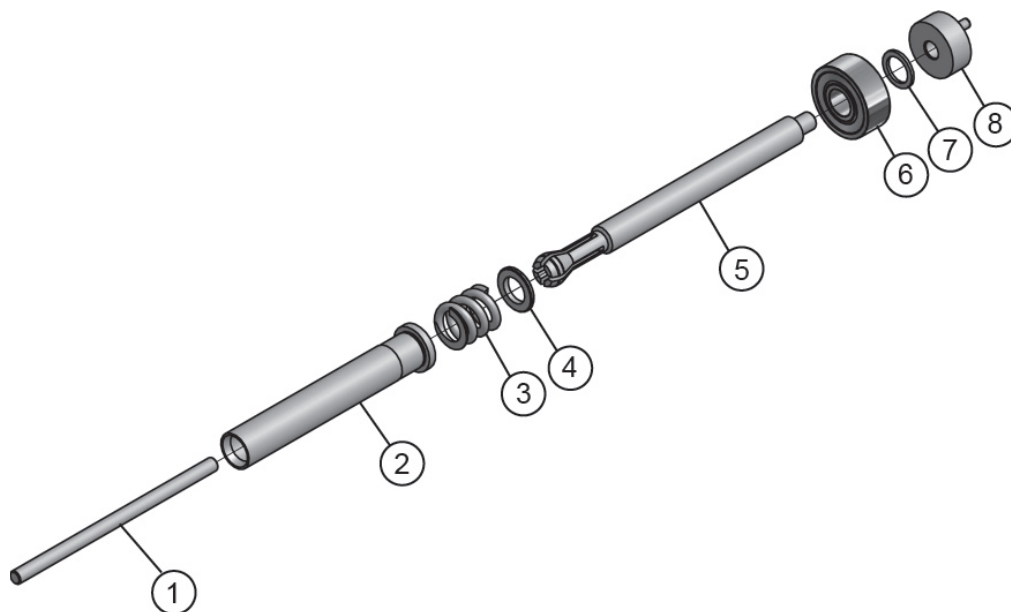


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LXX007	Bearing Stopper	\$2.50
2]	LST023	Nose Bearing	\$4.80
3]	LXX008	Bearing Washer	\$2.50
4]	LXX009	Nose Spring	\$2.50
5]	LXX041	Rear Sheath Spacer Ring	N/A
6]	LXX012	Stainless Rear Nose Sheath	\$20.00

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MicroMite Collet/ Shaft Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	THR054	Slowspeed Shipping Pin	\$0.25
2]	LXX015	Center Shaft	\$14.00
3]	LXX016	Collet Spring	\$2.50
4]	LXX017	Spring Washer	\$2.50
5]	LXX018	Collet Shaft	\$26.00
6]	LST022	Bearing	\$4.80
7]	LXX019	Bearing Washer	\$0.95
8]	LXX020	Triple Shaft	\$9.00

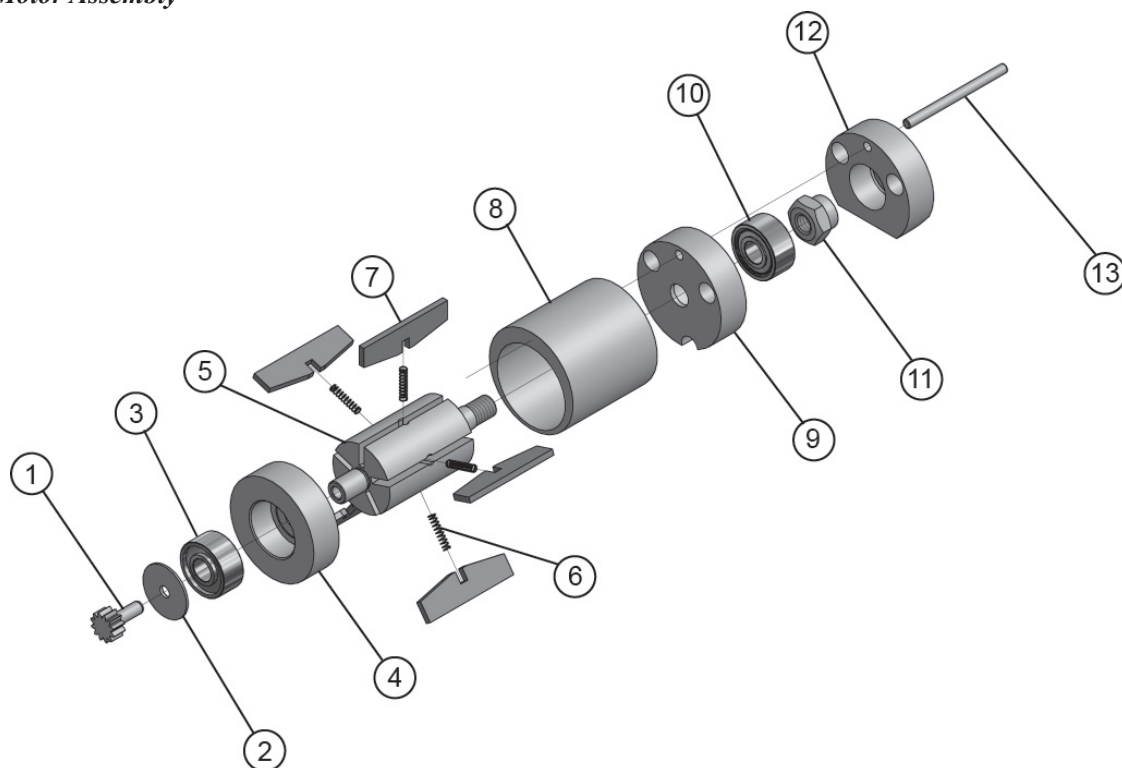
MICROMITE 5,500 RPM SLOWSPEED



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Micromite

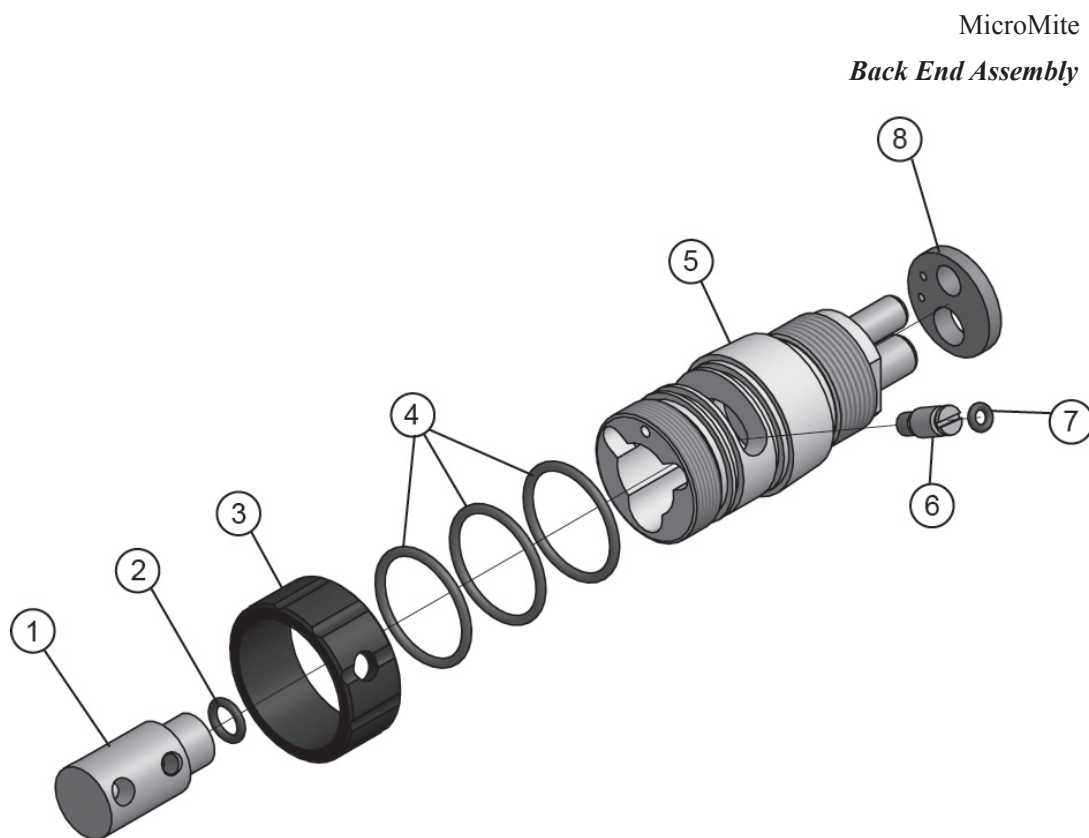
Motor Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LXX026	Sun Gear W/ Pin	\$6.54
2]	LXX039	Avoider	\$1.20
3]	082	Bearing	\$5.50
4]	LXX027	Front Bearing Cup	\$6.00
5]	LXX029	Rotor	\$18.00
6]	LXX192	Rotor Spring (set of 5)	\$9.50
7]	LXX191	Rotor Blade (set of 5)	\$16.00
8]	LXX028	Rotor Housing	\$22.50
9]	LXX032	Rear Bearing Cup	\$10.00
10]	082	Bearing	\$5.50
11]	LXX033	Retaining Nut	\$1.40
12]	LXX024	Nut Washer	\$9.00
13]	LXX038	Alignment Pin	\$1.20

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Components

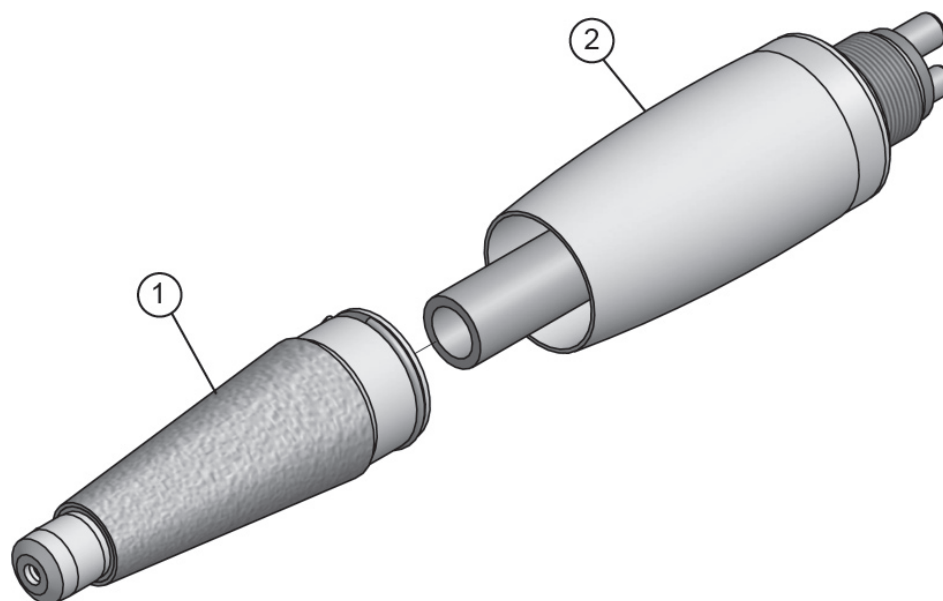
Ref #	HPP Part Number	Description	Wholesale Price
1]	LXX034	Air Switch	\$10.00
2]	LXX180	O'Ring	\$1.40
3]	LXX037	F/R Ring	\$8.00
4]	LXX181	O'Ring	\$1.40
5]	LXX050	Back End (shell only)	\$19.95
6]	LXX036	F/R Ring Screw	\$1.50
7]	LXX182	O'Ring	\$1.40
8]	HHX4HG	4-hole Gasket	\$0.40

MICROMITE 5,500 RPM SLOW SPEED



Midwest RDH

Complete Assembly



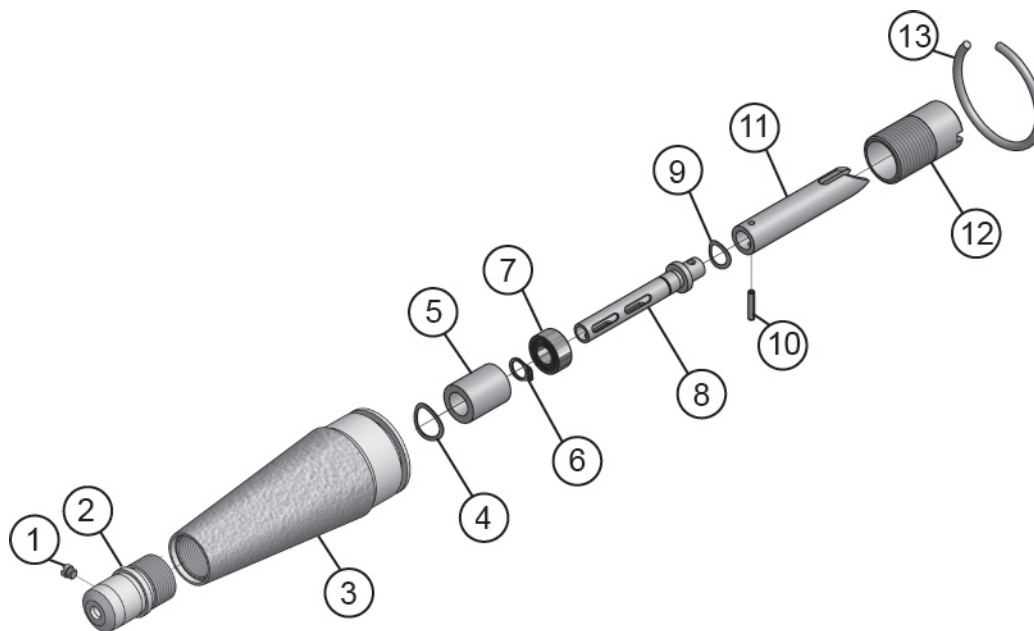
Components

Ref #	HPP Part Number	Description
1]	LMH402**	Complete front Assembly (see parts breakdown on page 75)
2]	LMH014**	Complete Rear assembly (see parts breakdown on pages 76-79)

**** ITEMS MARKED WITH A DOUBLE ASTERIC (**) ARE CURRENTLY NOT AVAILABLE THROUGH HPP. THESE PARTS ARE IN DEVELOPMENT AND WILL BE AVAILABLE IN THE FUTURE. WE HAVE LISTED THEM IN THIS CATALOG AS A REFERENCE TOOL FOR YOU. FEEL FREE TO CONTACT US IF YOU HAVE ANY QUESTIONS REGARDING THESE PARTS. AS PARTS BECOME AVAILABLE, YOU WILL BE NOTIFIED VIA OUR NEWSLETTER AND OUR FACEBOOK PAGE.**

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Midwest RDH
Nose Assembly



Components

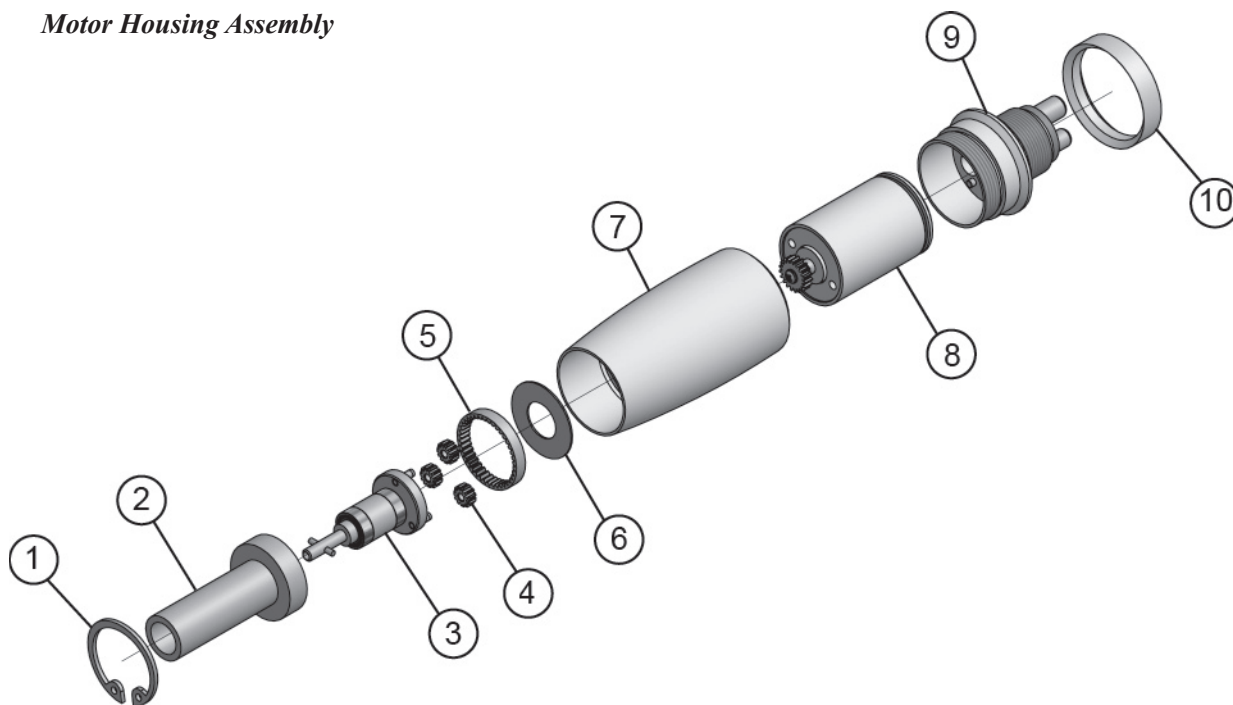
Ref #	HPP Part Number	Description	Wholesale Price
1]	LXX002.2	Nose Screw	\$0.95
2]	LMH025.2	Nose	\$5.85
3]	LMH025.1	Front Housing	\$19.95
4]	LMH151	Large Spring Washer	\$0.68
5]	LMH118**	Bushing	N/A
6]	LMH153	External Retaining Clips	\$0.53
7]	109	Bearing	\$11.90
8]	LMH106	FG Collet	\$12.75
9]	LMH152	Small Spring Washer	\$0.71
10]	LMH027	Spring Pins - Slotted	\$0.95
11]	LMH040	Drive Dog	\$8.75
12]	LMH203	Stop Nut	\$4.80
13]	LMH155	Swivel Clip	\$0.98

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Midwest RDH

Motor Housing Assembly



Components

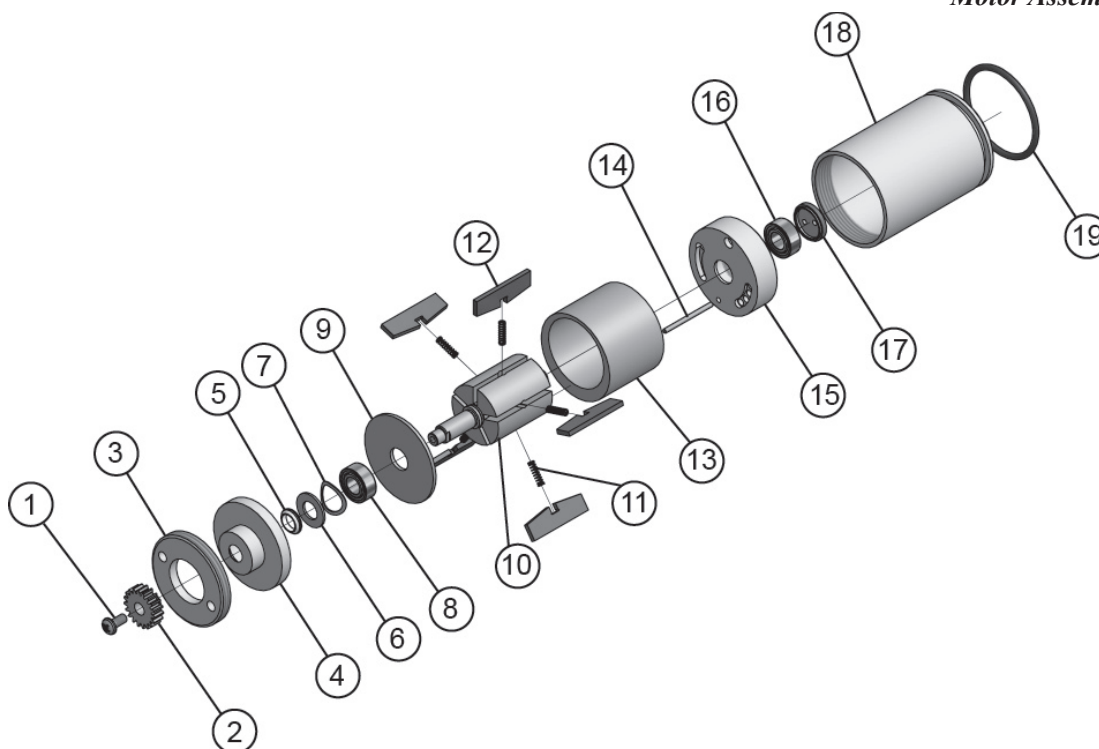
Ref #	HPP Part Number	Description	Wholesale Price
1]	LMH156**	Internal Retaining Rings	N/A
2]	LMH045**	Sleeve	N/A
3]	DRIVE SHAFT	Drive Shaft Assembly (see parts breakdown on page 78)	
4]	LMH003	Idler Gear (set of 3)	\$33.25
5]	LMH022**	Ring Gear	N/A
6]	LMH012**	Ring Gear Plate	N/A
7]	LMH023**	Motor Housing	N/A
8]	Motor - Assy	Motor Assembly (see parts breakdown on page 77)	
9]	LMH225**	Back End Assembly (see parts breakdown on page 79)	
10]	LMH019	Color Ring	\$2.29

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MIDWEST RDH

Midwest RDH
Motor Assembly



Components

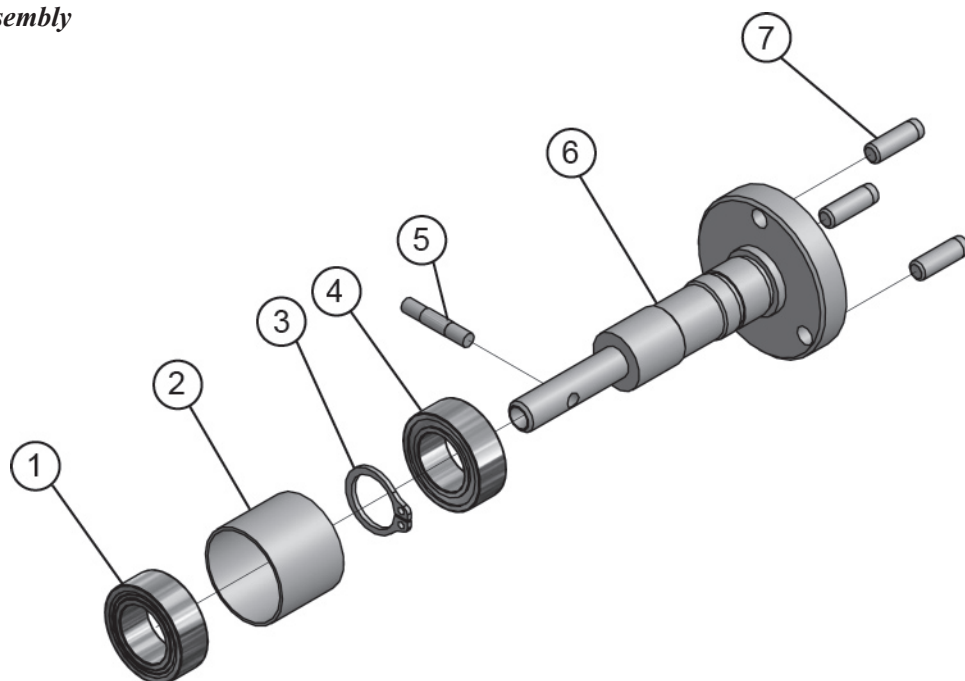
Ref #	HPP Part Number	Description	Wholesale Price
1]	LMH731**	Pan Head Screw	N/A
2]	LMH002**	Sun Gear	N/A
3]	LMH703**	Lock ring	N/A
4]	LMH727**	Upper Bearing Plate	N/A
5]	LMH721**	Seal	N/A
6]	LMH722**	Washer	N/A
7]	LMH704**		N/A
8]	051A-H	Bearing- Angular	\$6.88
9]	LMH712**	End Plate	N/A
10]	LMH729**	Rotor	N/A
11]	LMH792**	Rotor Spring	N/A
12]	LMH791**	Rotor Blade	N/A
13]	LMH028	Rotor Housing	\$12.50
14]	LMH715**	Alignment Pin	N/A
15]	LMH732**	Lower Bearing Plate	N/A
16]	051A-H	Bearing - Angular	\$6.88
17]	LMH730**		N/A
18]	LMH728**	Motor Cannister	N/A
19]	LMH780**	Motor Housing O'Ring	N/A

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Midwest RDH

Drive Shaft Assembly



Components

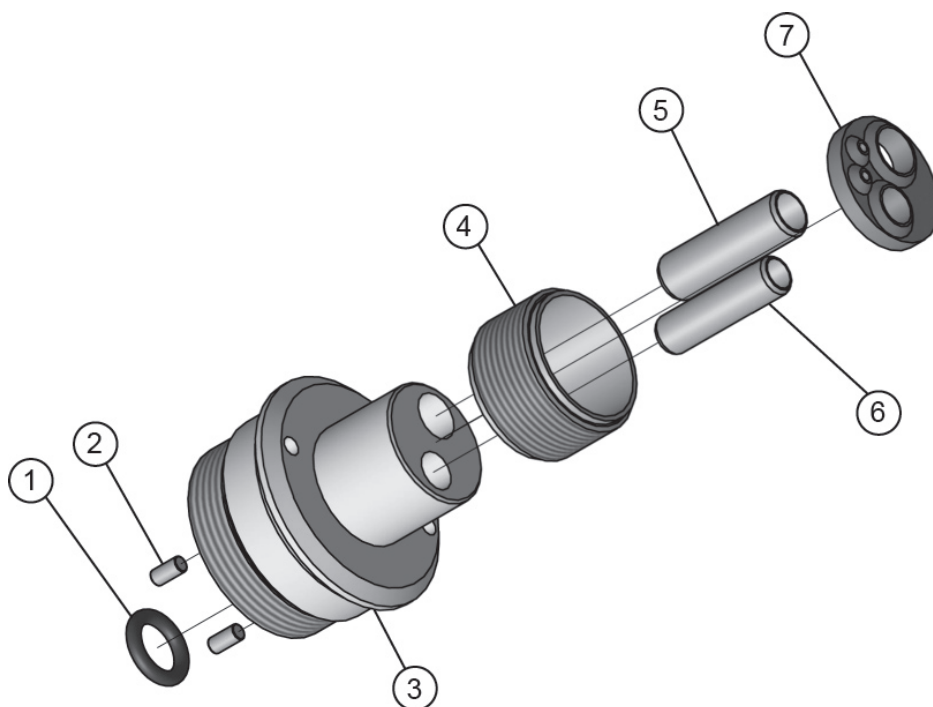
Ref #	HPP Part Number	Description	Wholesale Price
1]	137	Bearing	\$8.40
2]	LMH018	Bearing Spacer	\$1.85
3]	LMH154	External Ring Clip	\$0.49
4]	137	Bearing	\$8.40
5]	LMH044	Drive Pin	\$0.95
6]	LMH606**	Drive Shaft	N/A
7]	LMH618**	Pin- Hard Ground Dowel	N/A

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MIDWEST RDH

Midwest RDH Back End Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMH280**	Back End O'Ring	N/A
2]	LMH214**	Location Pin	N/A
3]	LMH250**	Back End	N/A
4]	HHX001	Threaded Ferrule	\$2.80
5]	16571EL	Exhaust Line Tube	\$0.51
6]	16571AL	Air Line Tube	\$3.00
7]	HHX4HG	4-Hole Gasket	\$0.40

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Midwest RHINO

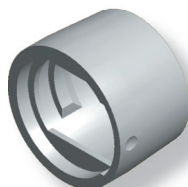
Parts Listing



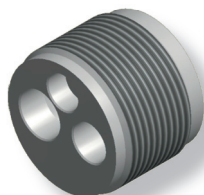
PART NUMBER **LMR001**
RHINO LATCH PIN
WHOLESALE PRICE: \$3.60



PART NUMBER **LMR103**
RHINO CONNECTOR SCREW
WHOLESALE PRICE: \$3.50



PART NUMBER **LMR002**
RHINO LATCH RING
WHOLESALE PRICE: \$23.50



PART NUMBER **LMR010**
RHINO CONNECTOR SLEEVE
WHOLESALE PRICE: \$16.95



PART NUMBER **LMR023**
RHINO XP HOUSING
WHOLESALE PRICE: \$18.00

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Midwest RHINO
Parts Listing

MIDWEST RHINO



PART NUMBER **LMR037**
RHINO FORWARD/REVERSE RING
WHOLESALE PRICE: \$7.75



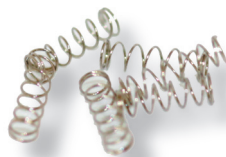
PART NUMBER **LMR004**
RHINO RETAINING LATCH RING
WHOLESALE PRICE: \$0.98



PART NUMBER **LMR191**
RHINO BLADES EARLY MODEL (SET OF 5)
WHOLESALE PRICE: \$16.00



PART NUMBER **LMR193**
RHINO XP ROTOR BLADES (SET OF 6)
WHOLESALE PRICE: \$25.00

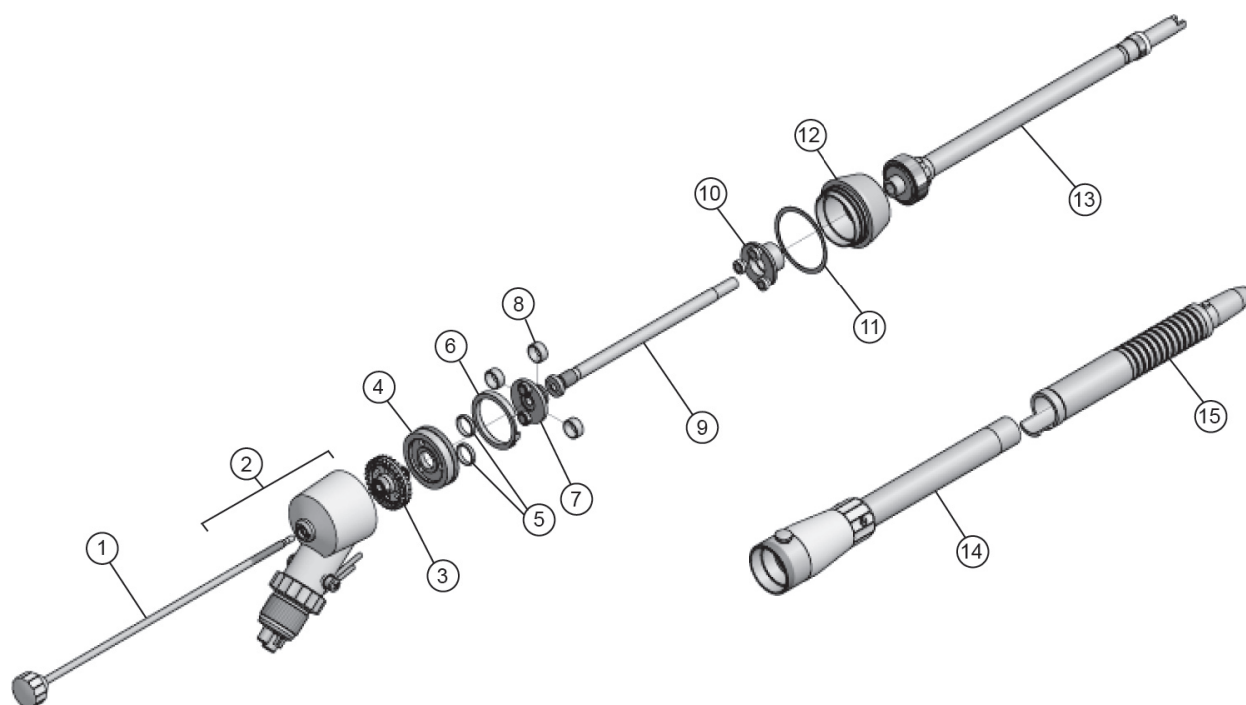


PART NUMBER **LMR194**
RHINO XP BLADE SPRINGS (SET OF 6)
WHOLESALE PRICE: \$13.50



Midwest Tru Torc

Complete Assembly - Single Speed



Components

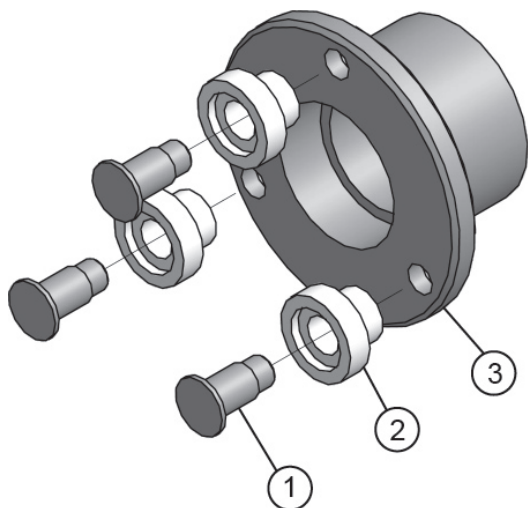
Ref #	HPP Part Number	Description	Wholesale Price
1]	LMT008	Tightening Rod	\$12.50
2]	LMX060	Back End Assembly (see parts breakdown on page 83)	\$99.50
3]	Spindle - Assy	Spindle Assembly (see parts breakdown on page 84)	
4]	LMX063	Single Speed Turbine Raceway	\$39.00
5]	LMX193	Narrow Drive Ring (set of 2)	\$7.60
6]	LMX030	Narrow Drive Ring Retainer	\$16.50
7]	Drive Plate - Assy	Drive Plate Assembly (see parts breakdown on page 84)	
8]	LMX192	Wide Drive Ring (set of 3)	\$11.50
9]	LMT065	Brass Stem	\$33.50
10]	Roller Dr Base - Assy	Roller Drive Base Assembly (see parts breakdown on page 81)	
11]	LMX062	Motor Housing Shim	\$3.25
12]	LMX066	Single Speed Transmission Housing	\$65.00
13]	Spindle - Assy	Main Spindle Assembly (see parts breakdown on page 81)	
14]	Main Housing - Assy	Main Housing Assembly (see parts breakdown on page 85)	
15]	LMT033	Front Sheath	\$15.00

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MIDWEST TRU TORC

Midwest Tru Torc

Roller Drive Base Assembly - Single Speed

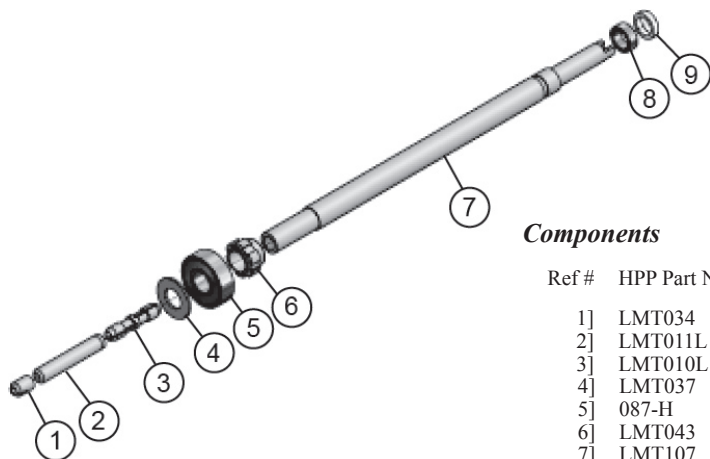


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX021	Nylon Bushing Post	\$1.82
2]	LMX022	Nylon Bushing (Set of 3)	\$4.00
3]	LMT036	Roller Drive Base	\$10.00

Midwest Tru Torc

Main Spindle Assembly - Single Speed



Components

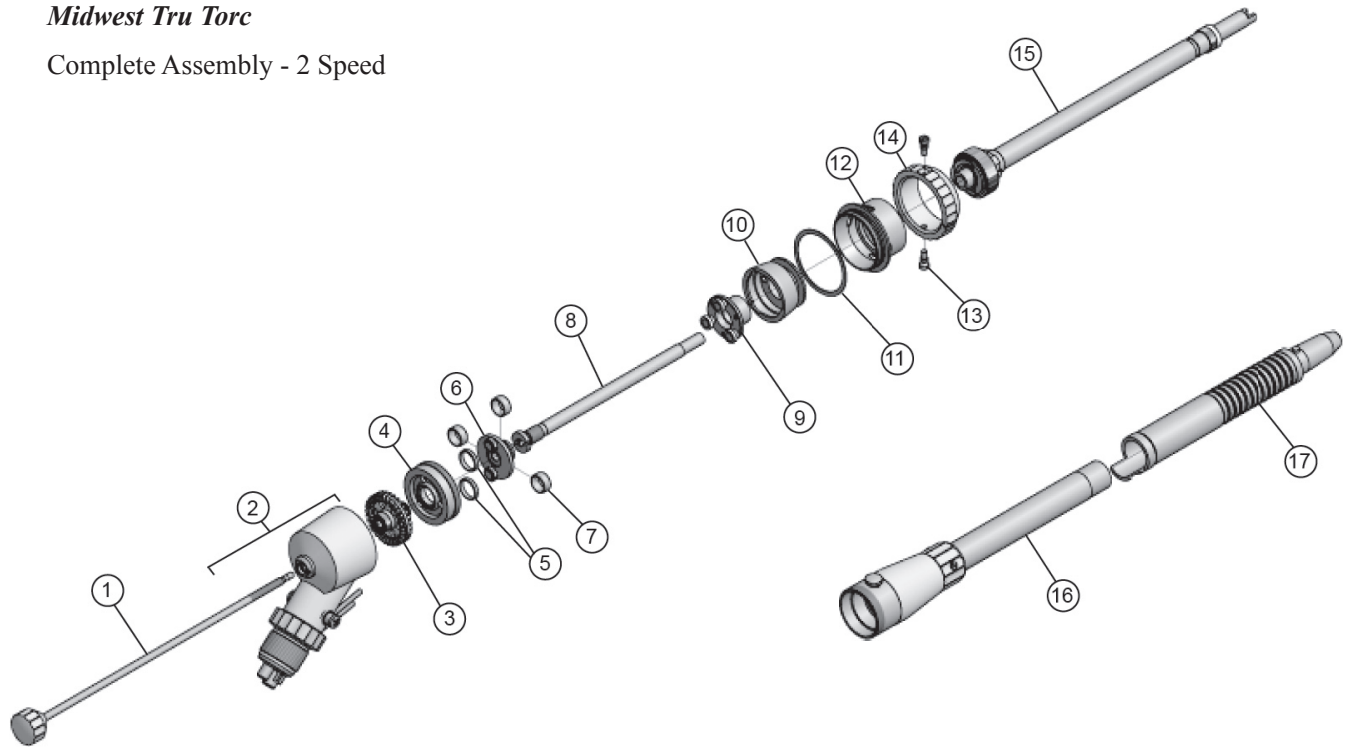
Ref #	HPP Part Number	Description	Wholesale Price
1]	LMT034	Tightening Rod Stop	\$5.00
2]	LMT011L	Chuck Compressor (long)	\$3.50
3]	LMT010L	Metal Chuck (long)	\$7.50
4]	LMT037	Roller Drive Base Plate	\$1.75
5]	087-H	Bearing	\$8.00
6]	LMT043	Lock Button Gear	\$3.50
7]	LMT107	Main Spindle	\$45.00
8]	012-H	Bearing	\$6.89
9]	LMT018	Front Spindle Bushing	\$1.25



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Midwest Tru Torc

Complete Assembly - 2 Speed



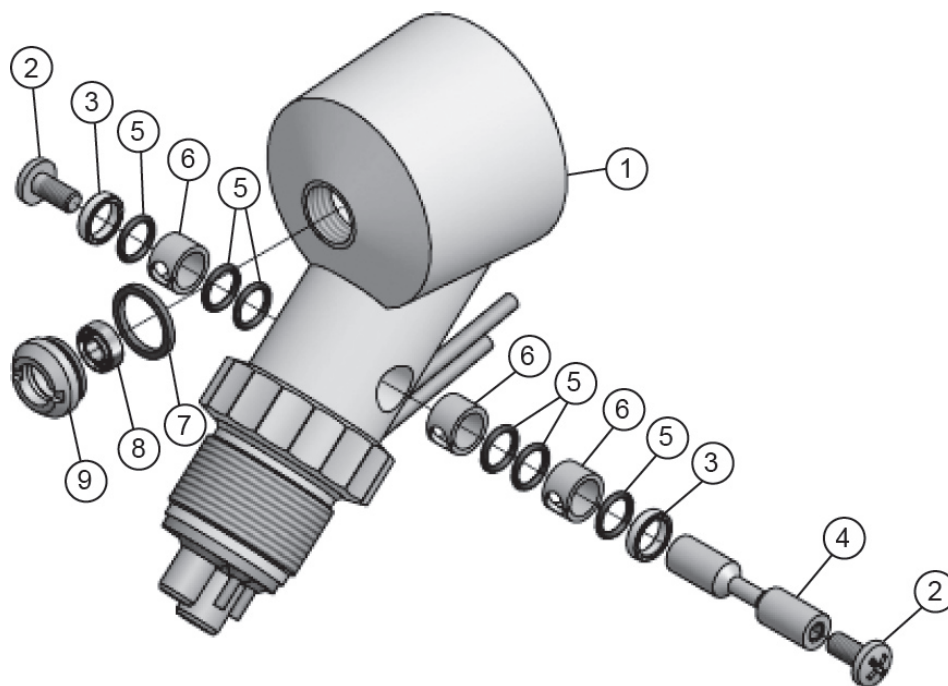
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMT008	Tightening Rod	\$5.25
2]	Back End - Assy	Back End Assmebly (see parts breakdown on page 83)	
3]	Spindle - Assy	Spindle Assembly (see parts brakdown on page 84)	
4]	LMX065	2 Speed Turbine Raceway	\$53.35
5]	LMX193	Narrow Drive Rings (set of 2)	\$7.60
6]	Drive Plate -Assy	Drive Plate Assembly (see parts breakdown on page 84)	
7]	LMX192	Wide Drive Rings (set of 3)	\$11.50
8]	LMT065	Brass Stem	\$33.50
9]	Roller Dr Base - Assy	2 Speed Roller Drive Base Assembly (see parts breakdown on page 84)	
10]	LMX071	Clutch	\$54.45
11]	LMX062	Motor Housing Shim	\$3.25
12]	LMT070	2 Speed Transmission Housing	\$65.00
13]	LMX001	Speed Change Screw	\$1.95
14]	LMT028	Speed Change Collar	\$16.50
15]	Main Spindle - Assy	2 Speed Main Spindle Assembly (see parts breakdown on page 85)	
16]	Main Housing - Assy	Main Housing Assembly (see parts breakdown on page 85)	
17]	LMT033	Front Sheath	\$15.00

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Midwest Tru Torc
Back End Assembly

MIDWEST TRU TORC



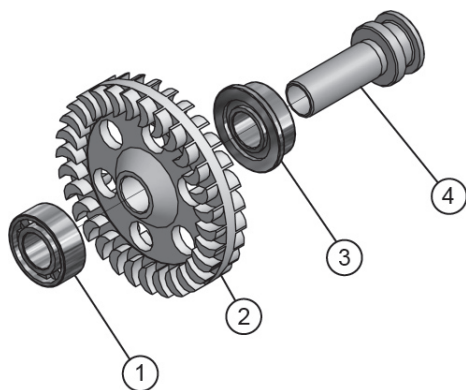
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX061	Complete Back End (excludes items 7,8 and 9)	\$99.95
2]	LMX031	Directional Switch Slide Screw	\$0.40
3]	LMX038	Directional Switch Bushing	\$1.87
4]	LMT038	Directional Switch Slide	\$6.00
5]	LMX180	Directional Switch O'Ring	\$0.65
6]	LMX032	Directional Switch Port Spacer	N/A
7]	HMT180	Quad Ring	\$0.25
8]	004-H	Bearing	\$10.00
9]	LMT007	Tightening Rod Bushing	\$2.50



Midwest Tru Torc

Spindle Assembly

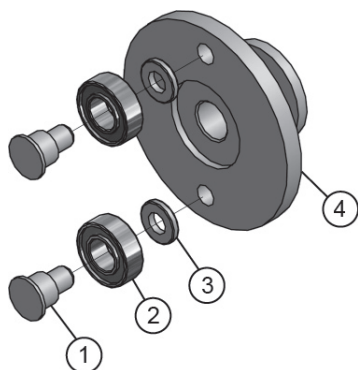


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	051-H	Bearing	\$4.26
2]	LMT108	Impeller	\$12.50
3]	013-H	Bearing	\$7.09
4]	LMX107	Spindle	\$8.00

Midwest Tru Torc

Drive Plate Assembly

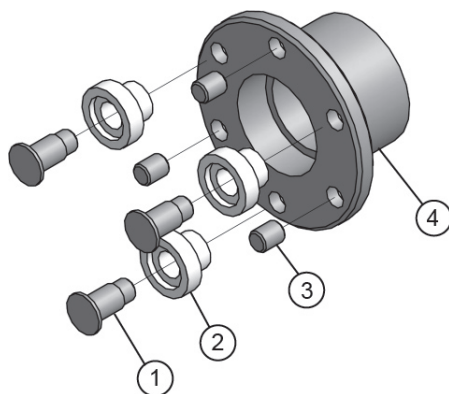


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX003	Drive Ring Bearing Post	\$1.95
2]	004-H	Bearing	\$10.00
3]	LMX005	Bearing Post Washer	\$1.58
4]	LMX069	Drive Plate	\$29.85

Midwest Tru Torc

Drive Base Assembly - 2 Speed

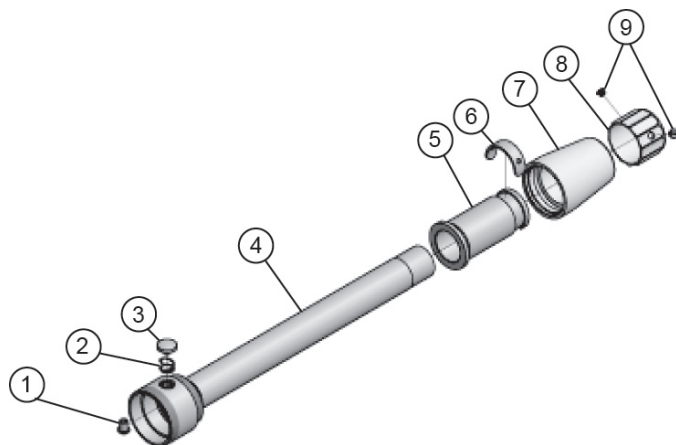


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX021	Nylon Bushing Post	\$1.82
2]	LMX022	Nylon Bushing	\$4.00
3]	LMT035	Clutch Pin	\$1.25
4]	LMX072	2 Speed Roller Drive Base	\$20.75

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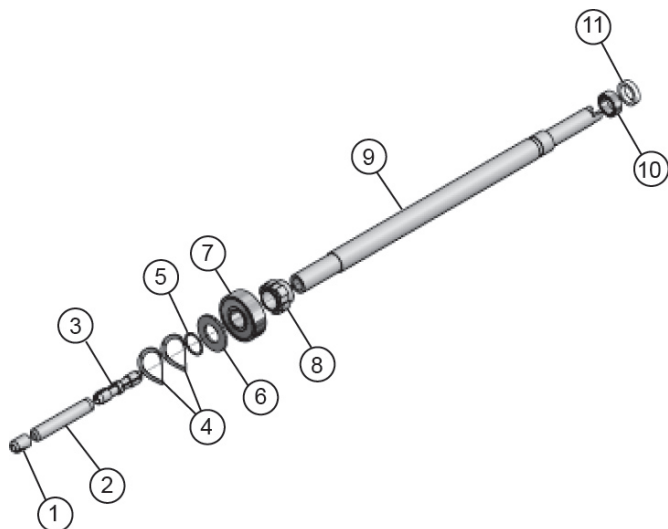
Midwest Tru Torc Main Housing Assembly



Components

Ref #	Part Number	Description	Wholesale Price
1]	LMX024	Lock Button Receiver	\$3.50
2]	LMX048	Lock Button Spring	\$0.40
3]	LMX023	Lock Button	\$3.00
4]	LMT072	Main Housing	\$4.00
5]	N/A	Swivel (?)	N/A
6]	LMT047	Sheath Lock Clip	\$4.50
7]	LMT032	Sheath Swivel Housing	\$5.00
8]	LMT027	Sheath Lock Collar	\$4.00
9]	LMT020	Sheath Lock Collar Screw	\$1.50

Midwest Tru Torc Main Spindle Assembly - 2 Speed



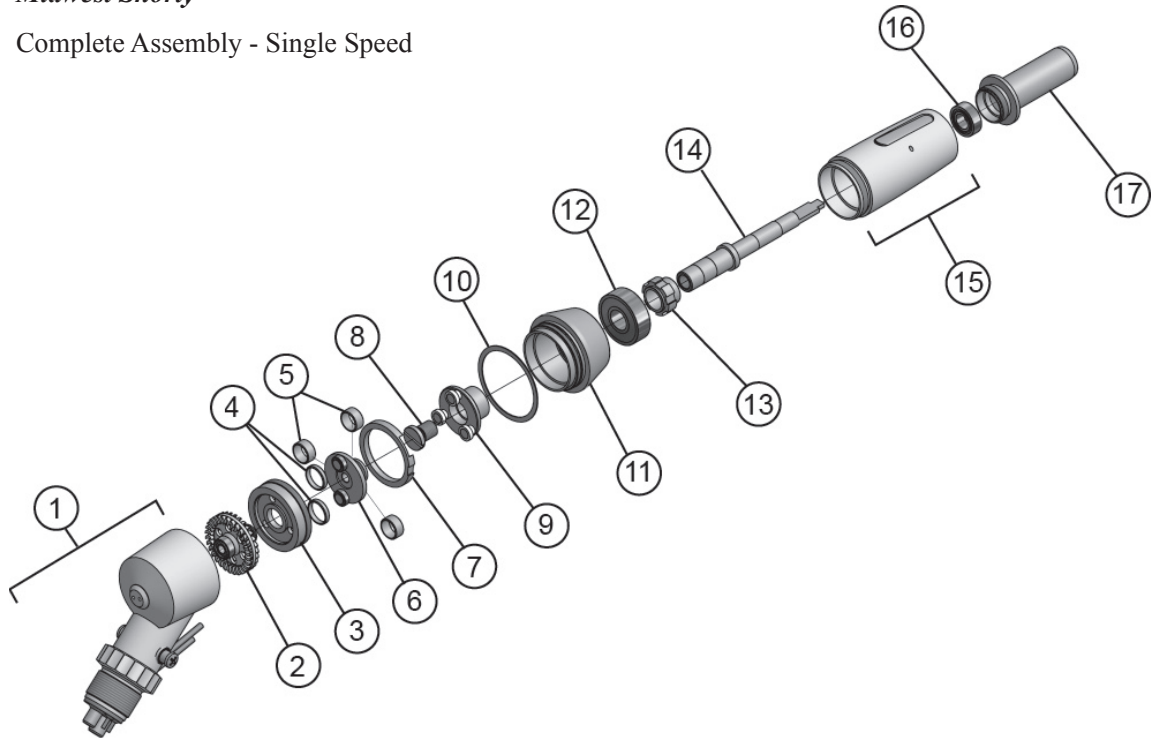
Components

Ref #	Part Number	Description	Wholesale Price
1]	LMT034	Tightening Rod Stop	\$5.00
2]	LMT011S	Chuck Compressor (Short)	\$3.50
3]	LMT010L	Metal Chuck (Long)	\$7.50
4]	LMX104	Loading Spring	\$1.50
5]	LMX064	Metal Shim	\$3.82
6]	LMT037	Roller Drive Base Plate	\$1.75
7]	087-H	Bearing	\$8.00
8]	LMT043	Lock Button Gear	\$3.50
9]	LMT107	Main Spindle	\$45.00
10]	012-H	Bearing	\$6.89
11]	LMT018	Front Spindle Bushing	\$1.25



Midwest Shorty

Complete Assembly - Single Speed



Components

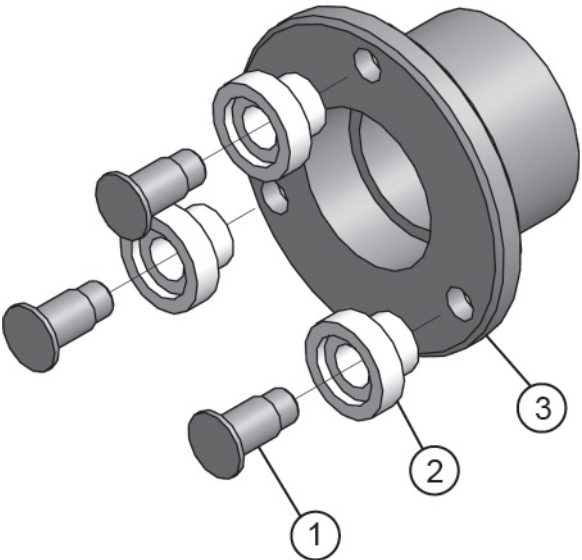
Ref #	HPP Part Number	Description	Wholesale Price
1]	Back End Assy	Back End Assembly (see parts breakdown page 89)	
2]	Spindle -Assy	Spindle Assembly (see parts breakdown on page 90)	
3]	LMX063	Single Speed Turbine Raceway	\$39.00
4]	LMX193	Narrow Drive Rings (set of 2)	\$7.60
5]	LMX192	Wide Drive Rings (ste of 3)	\$11.50
6]	Drive Plate Assy	Drive Plate Assembly (see parts breakdown on page 90)	
7]	LMX030	Narrow Drive Ring Retainer	\$16.50
8]	LMS103	Spindle Screw	\$2.60
9]	Roller Dr Base Assy	Roller Drive Base Assembly (see parts breakdown on page 87)	
10]	LMX062	Motor Housing Shim	\$3.25
11]	LMX066	Single Speed Transmission Housing	\$65.00
12]	087	Bearing	087
13]	LMT043	Lock Button Gear	\$3.50
14]	LMS107	Main Spindle	\$14.00
15]	Main Housing Assy	Main Housing (see parts breakdown on page 91)	
16]	088-H	Bearing	\$6.70
17]	LMS073	Steel Nose	\$31.25

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MIDWEST SHORTY

Midwest Shorty

Roller Drive Base Assembly - Single Speed



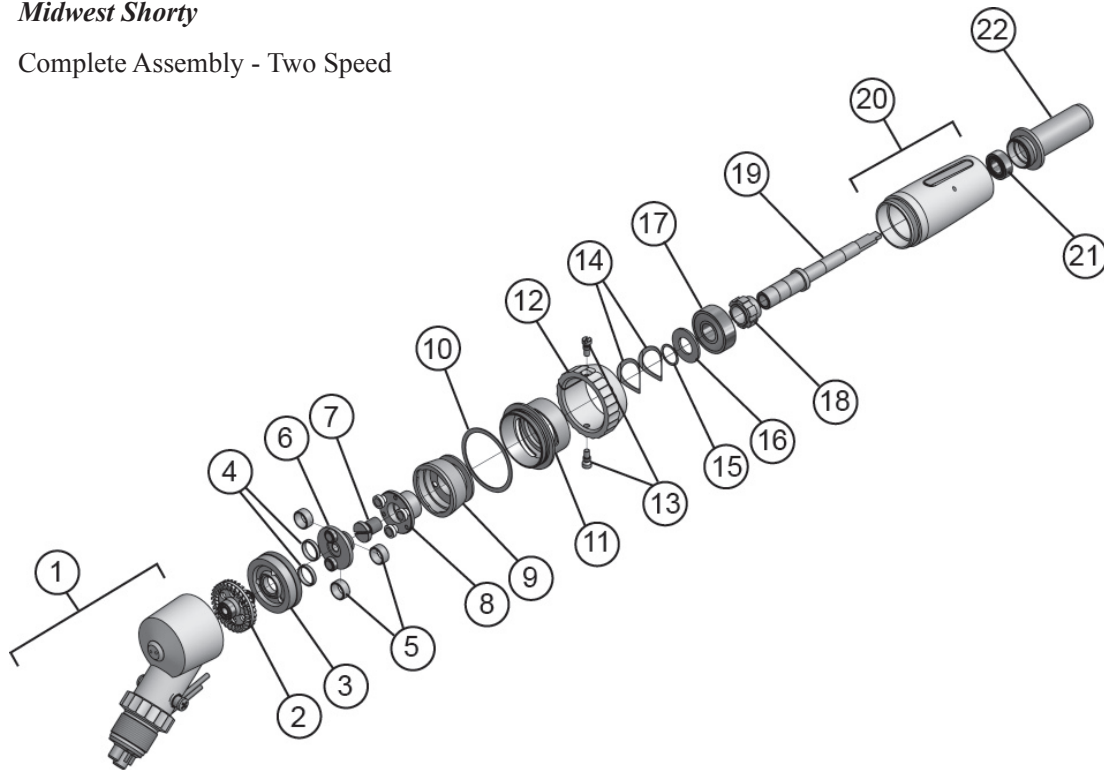
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX021	Nylon Bushing Post	\$1.82
2]	LMX022	Nylon Bushing	\$4.00
3]	LMT036	Roller Drive Base	\$10.00



Midwest Shorty

Complete Assembly - Two Speed

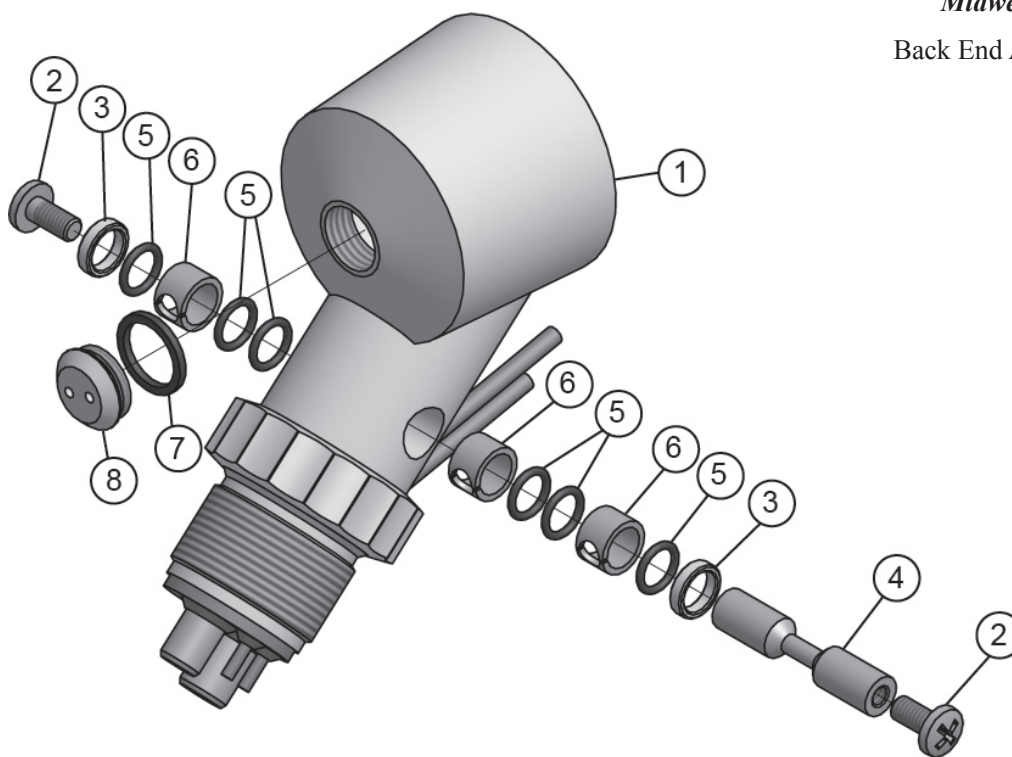


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	BE-SA	Shorty Back End Assembly (see parts breakdown on page 89)	
2]	Spindle-Assy	Spindle Assembly (see parts breakdown on page 90)	
3]	LMX065	2 Speed Turbine Raceway	\$53.35
4]	LMX193	Narrow Drive Rings (set of 2)	\$7.60
5]	LMX192	Wide Drive Rings (set of 3)	\$11.50
6]	LMX069-Assy	Drive Plate Assembly (see parts breakdown on page 90)	
7]	LMS103	Spindle Screw	\$.60
8]	LMX072-Assy	2 Speed Roller Drive Base Assembly (see parts breakdown on page 90)	
9]	LMX071	Clutch	\$54.45
10]	LMX062	Motor Housing Shim	\$3.25
11]	LMT070	2 Speed Transmission Housing	\$65.00
12]	LMS029	Speed Change Ring	\$16.50
13]	LMX001	Speed Change Ring Screw	\$1.95
14]	LMX104	Loading Spring	\$1.50
15]	LMX064	Clutch Shim	\$3.82
16]	LMT037	Roller Drive Base Plate	\$1.75
17]	087-H	Bearing	\$8.00
18]	LMT043	Lock Button Gear	\$3.50
19]	LMS107	Main Spindle	\$14.00
20]	LMS071-Assy	Main Housing Assembly (see parts breakdown on page 91)	
21]	088-H	Bearing	\$6.70
22]	LMS073	Steel Nose	\$31.25

Handpiece Parts and Products Inc. (800) 368-3684

Midwest Shorty Back End Assembly



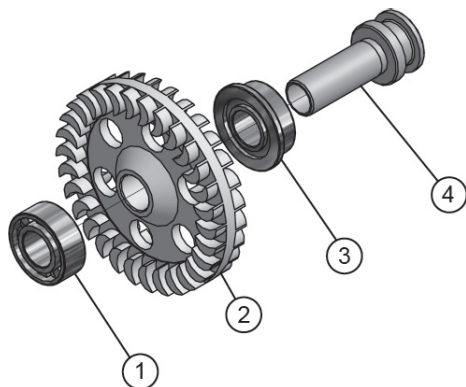
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX060	Motor Housing	\$99.95
2]	LMX031	Directional Slide Switch Screw	\$0.40
3]	LMX038	Directional Switch Bushing	\$1.87
4]	LMT038	Directional Switch Slide	\$6.00
5]	LMX180	Directional Switch O'Ring	\$0.65
6]	LMX032	Directional Switch Port Spacer	N/A
7]	HMT180	Quad Ring	\$0.25
8]	LMS030	Vent Plug	\$1.75



Midwest Shorty

Spindle Assembly

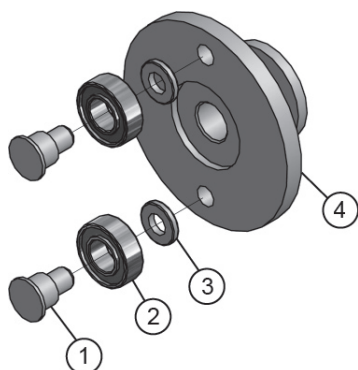


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	051-H	Bearing	\$4.26
2]	LMT108	Impeller	\$12.50
3]	013-H	Bearing	\$7.09
4]	LMX107	Spindle	\$8.00

Midwest Shorty

Drive Plate Assembly

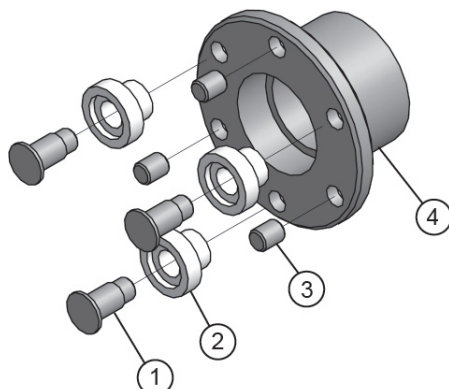


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX003	Drive Ring Bearing Post	\$1.95
2]	004-H	Bearing	\$10.00
3]	LMX005	Bearing Post Washer	\$1.58
4]	LMX069	Drive Plate	\$29.85

Midwest Shorty

2 Speed Roller Drive Base Assembly



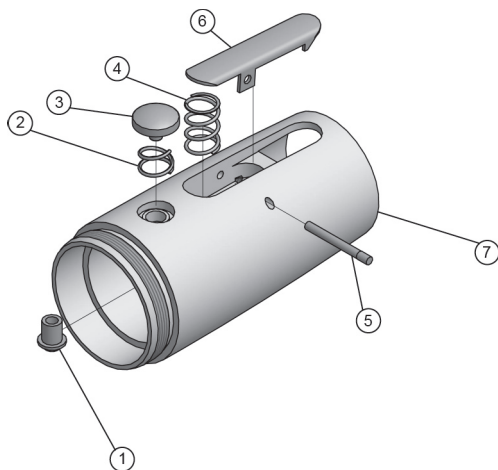
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LMX021	Nylon Bushing Post	\$1.82
2]	LMX022	Nylon Bushing	\$4.00
3]	LMT035	Clutch Pin	\$1.25
4]	LMX072	2 Speed Roller Drive Base	\$20.75

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Midwest Shorty

Main Housing Assembly With Spindle Lock

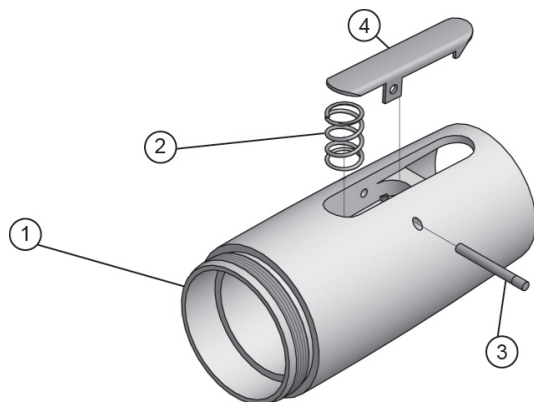


Components

Ref #	Part Number	Description	Wholesale Price
1]	LMX024	Lock Button Receiver	\$3.50
2]	LMX048	Lock Button Spring	\$0.40
3]	LMX023	Lock Button	\$3.00
4]	LMS026	Attachment Latch Spring	\$1.17
5]	LMS027	Attachment Latch Pin	\$0.70
6]	LMS025	Attachment Latch	\$8.00
7]	LMS072	Main Housing w/ Spindle Lock	\$54.45

Midwest Shorty

Main Housing Assembly With Out Spindle Lock



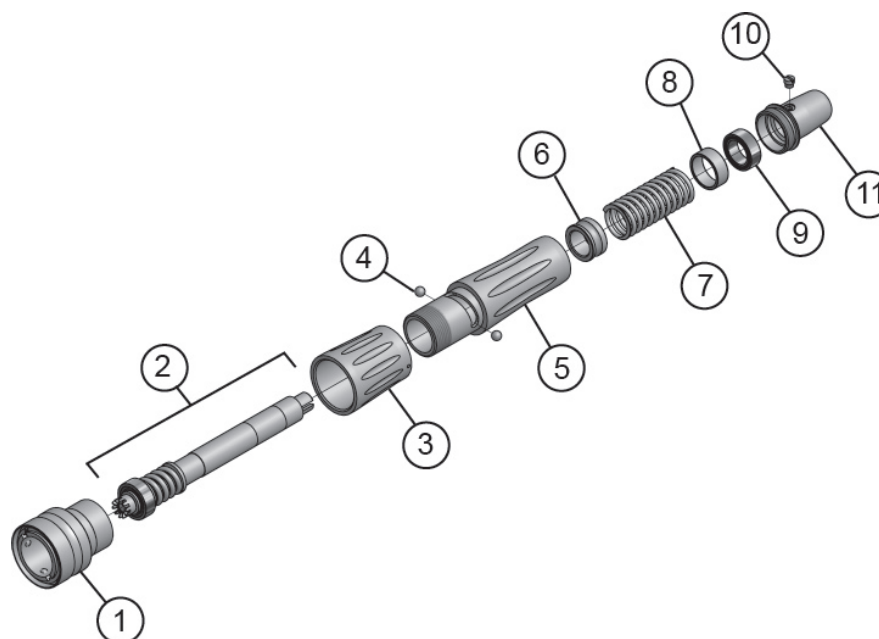
Components

Ref #	Part Number	Description	Wholesale Price
1]	LMS071	Main Housing w/out Spindle Lock	\$60.47
2]	LMS026	Attachment Latch Spring	\$1.17
3]	LMS027	Attachment Latch Pin	\$0.70
4]	LMS025	Attachment Latch	\$8.00



Star Nosecone

Complete Assembly



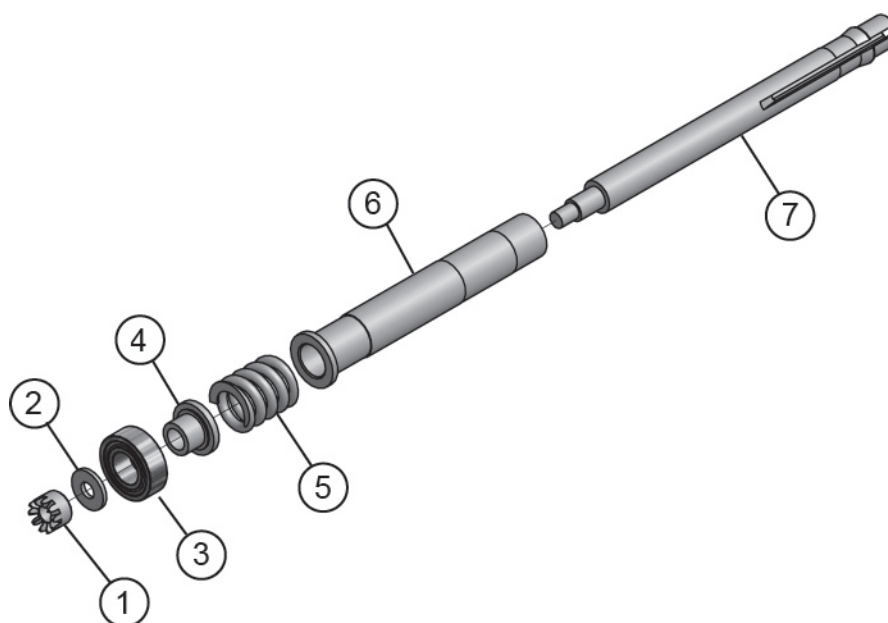
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LST412	Swivel Connection Assembly (see parts breakdown on page 94)	\$38.00
2]	LST409	Collet Assembly (see parts breakdown on page 93)	\$62.50
3]	LST416	Selector Ring	\$6.50
4]	LXA616	Locking Ball	\$1.00
5]	LST414	Housing	\$22.00
6]	LST065	Collet Opener Ring	\$4.00
7]	LST422	Front Spring	\$2.00
8]	LST420	Bearing Spacer	\$2.00
9]	LST023	Bearing	\$4.80
10]	LXX002.2	Nose Screw	\$0.95
11]	LST418	Nose Housing	\$11.00

Handpiece Parts and Products Inc. (800) 368-3684

STAR NOSECONE

Star Nosecone
Collet Assembly



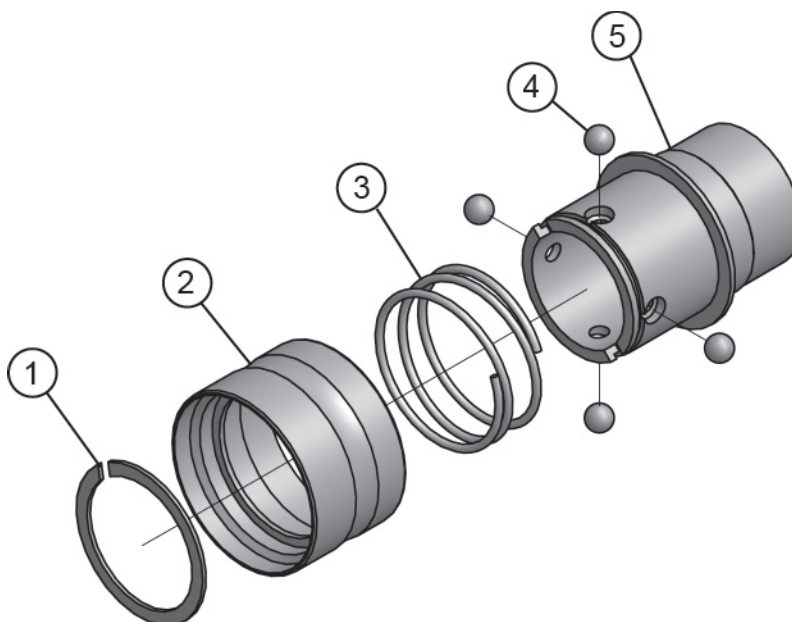
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LST016NH	Bevel Gear w/o hole	\$13.00
2]	LST014	Gear/Bearing Spacer	\$2.50
3]	088-H	Bearing	\$6.70
4]	LST027	Lower Bearing Bushing	\$3.75
5]	LST114	Collet Spring	\$2.00
6]	LST013	Chuck Sleeve	\$12.68
7]	LST106	Collet Shaft	\$3.80



Star Nosecone

Swivel Connector Assembly



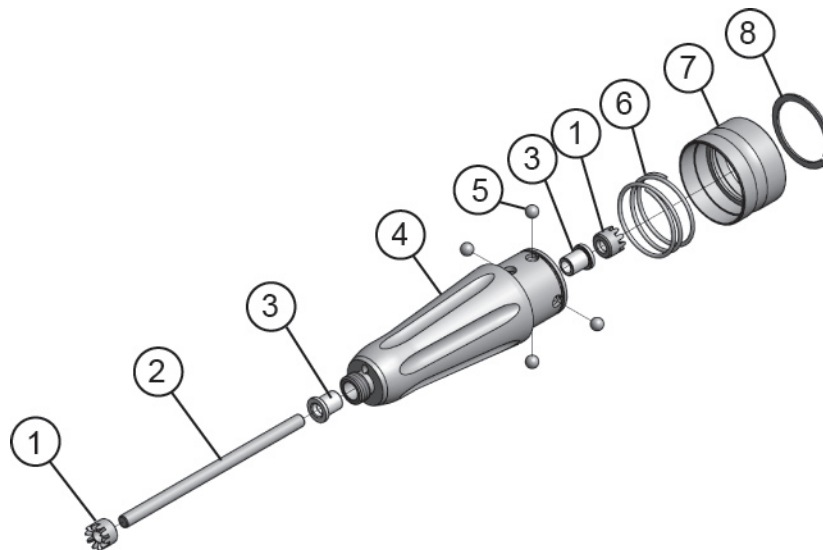
Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LXA612	Retaining Clip	\$1.25
2]	LST426	Release Ring	\$6.25
3]	LXA614	Spring	\$0.50
4]	LXA616	Locking Ball	\$1.00
5]	LST424	Swivel Connection Body	\$18.00

Handpiece Parts and Products Inc. (800) 368-3684

Star Motor-to-Angle Adaptor

Complete Assembly



Components

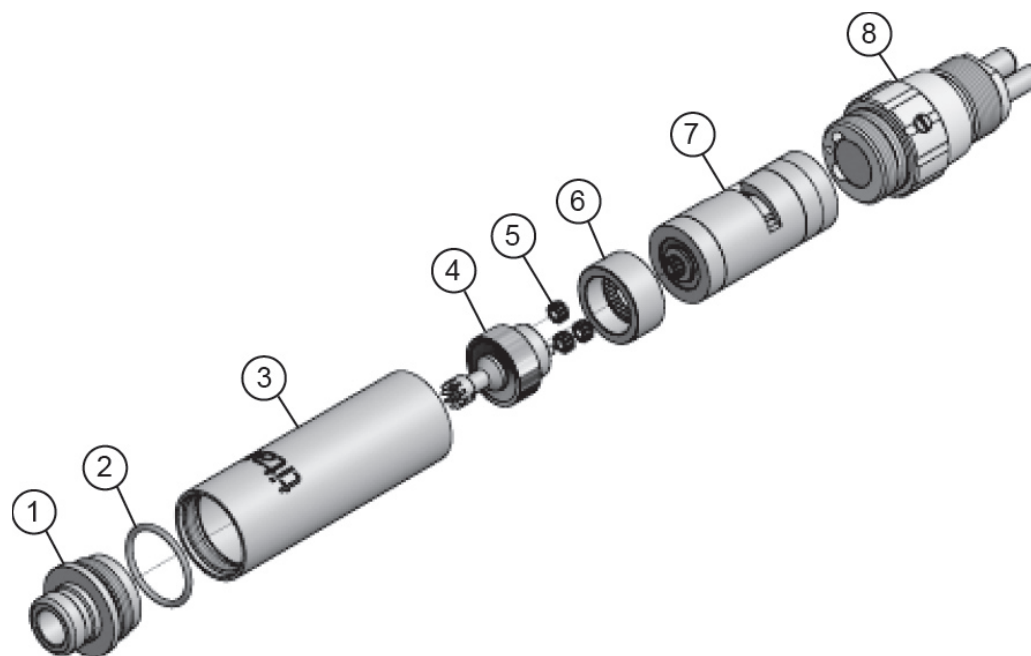
Ref #	HPP Part Number	Description	Wholesale Price
1]	LST016NH	Bevel Gear w/o Hole	\$13.00
2]	LST506	Drive Shaft	\$2.35
3]	LST018	Bushing	\$5.50
4]	LST502	Contra Angle Body	\$29.95
5]	LXA616	Locking Ball	\$1.00
6]	LXA614	Spring	\$0.50
7]	LST426	Release Ring	\$6.25
8]	LXA612	Retaining Clip	\$1.25

STAR MOTOR-TO-ANGLE ADAPTOR



Star Titan

Complete Assembly



Components

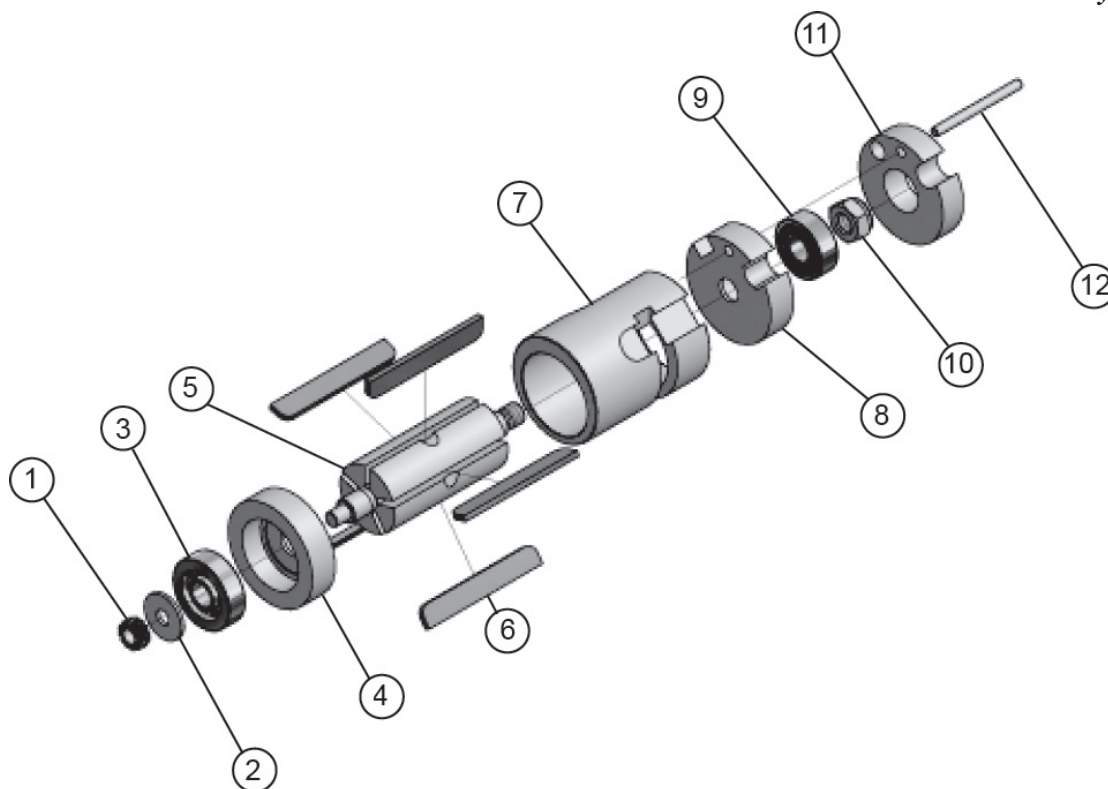
Ref #	HPP Part Number	Description	Wholesale Price
1]	LST245**	Steel Nose	N/A
2]	LST182	O'Ring	\$1.90
3]	LST223**	Housing	N/A
4]	LST007	Output Shaft Assembly (see parts breakdown on page 99)_	\$68.87
5]	LST003	Idler Gear (set of 3)	\$16.00
6]	LST001	Ring Gear	\$21.30
7]	Motor Assy	Motor Assembly (see parts breakdown on page 97)	
8]	BackEnd Assy	Back End Assembly (see parts breakdown on page 98)	

**** ITEMS MARKED WITH A DOUBLE ASTERIC (**) ARE CURRENTLY NOT AVAILABLE THROUGH HPP. THESE PARTS ARE IN DEVELOPMENT AND WILL BE AVAILABLE IN THE FUTURE. WE HAVE LISTED THEM IN THIS CATALOG AS A REFERENCE TOOL FOR YOU. FEEL FREE TO CONTACT US IF YOU HAVE ANY QUESTIONS REGARDING THESE PARTS. AS PARTS BECOME AVAILABLE, YOU WILL BE NOTIFIED VIA OUR NEWSLETTER AND OUR FACEBOOK PAGE.**

Handpiece Parts and Products Inc. (800) 368-3684

StarTitan SLOW SPEED

Star Titan
Motor Assembly



Components

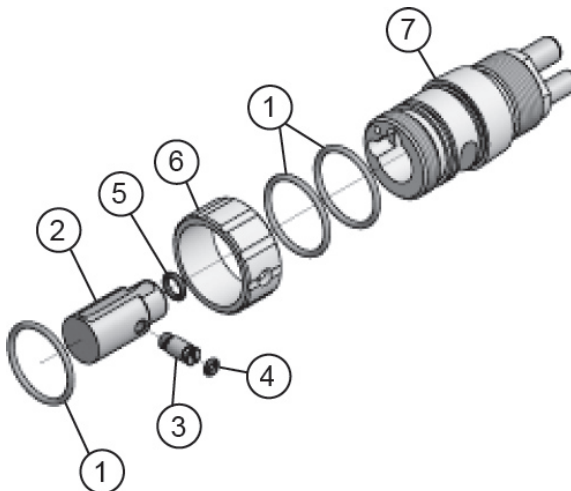
Ref #	HPP Part Number	Description	Wholesale Price
1]	16055	Sun Gear	\$6.25
2]	LST239**	Sun Gear Spacer	N/A
3]	LST021	Bearing	\$4.80
4]	LST227**	Upper Bearing Plate	N/A
5]	LST029	Rotor	\$31.63
6]	LST017	Rotor Blade (set of 5)	\$27.50
7]	LST328	Rotor Housing	\$14.50
8]	LST232**	Lower Bearing Plate	N/A
9]	LST020	Bearing	\$4.80
10]	LST009	Lock Nut	\$2.00
11]	LST004	Distributor	\$7.20
12]	LST005	Alignment Pin	\$2.50

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Star Titan

Back End Assembly

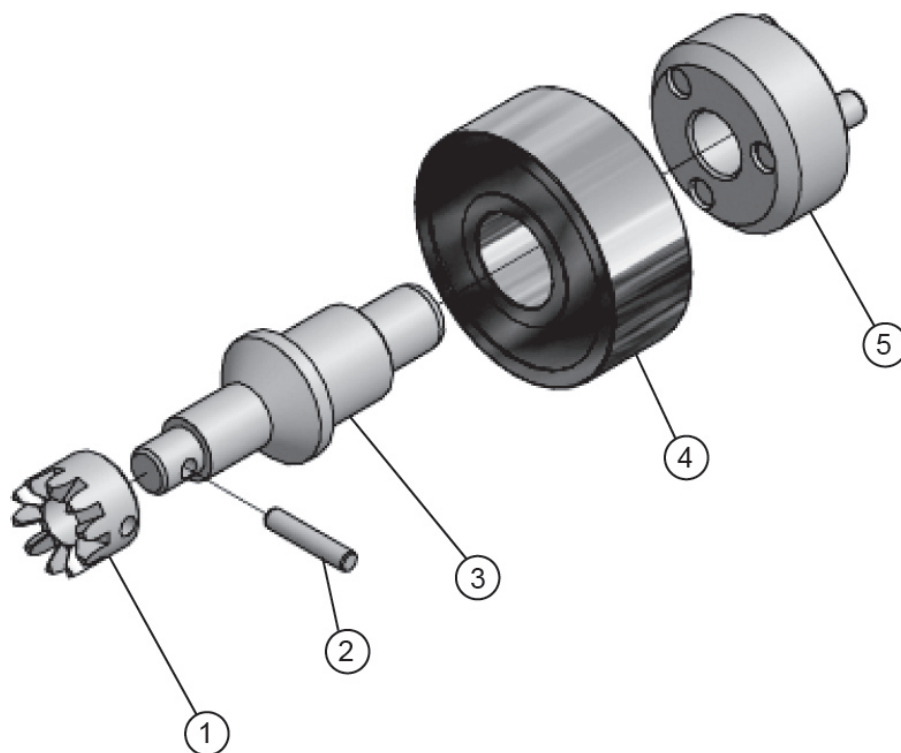


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LST182	O'Ring	\$1.90
2]	LST034	Reversing Valve	\$16.50
3]	LST008	Reversing Ring Screw	\$4.14
4]	LST180	O'Ring	\$1.10
5]	LST181	O'Ring	\$1.30
6]	LST037	Reversing Ring	\$6.50
7]	LST010	Back End	\$19.95

Handpiece Parts and Products Inc. (800) 368-3684

Star Titan
Output Shaft Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LST016	Bevel Gear	\$13.00
2]	LST024	Spring Pin	\$0.76
3]	LST006	Output Shaft	\$17.40
4]	LST022	Bearing	\$4.80
5]	LST036	Gear Plate	\$12.00

STAR TITAN SLOW SPEED

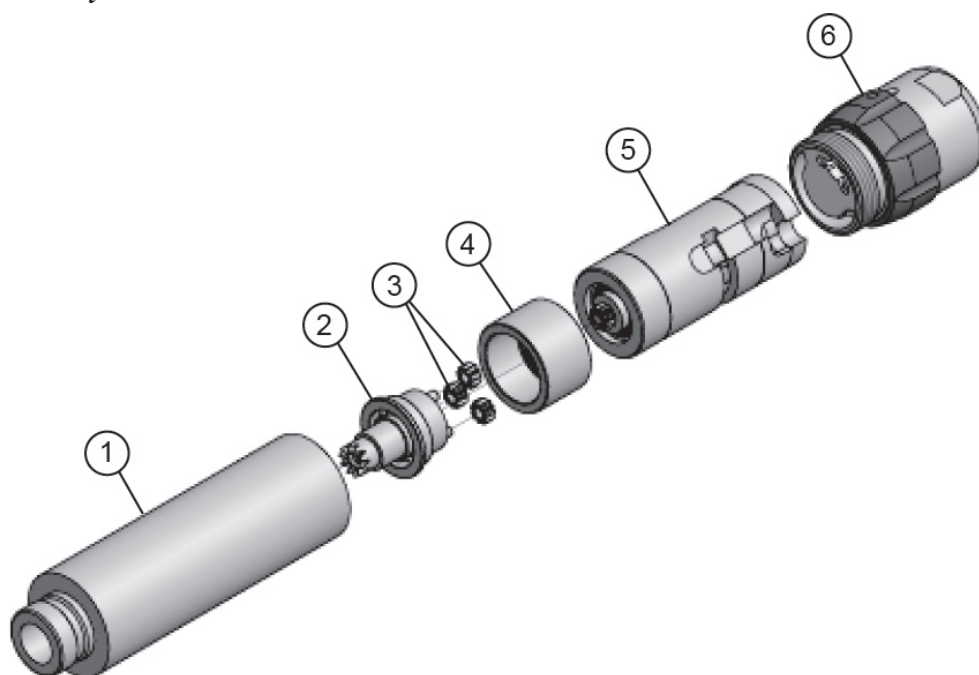


Handpiece Parts and Products Inc. (800) 368-3684

STAR TITAN 3 SLOWSPEED

Star Titan 3 (5,000rpm)

Complete Assembly



Components

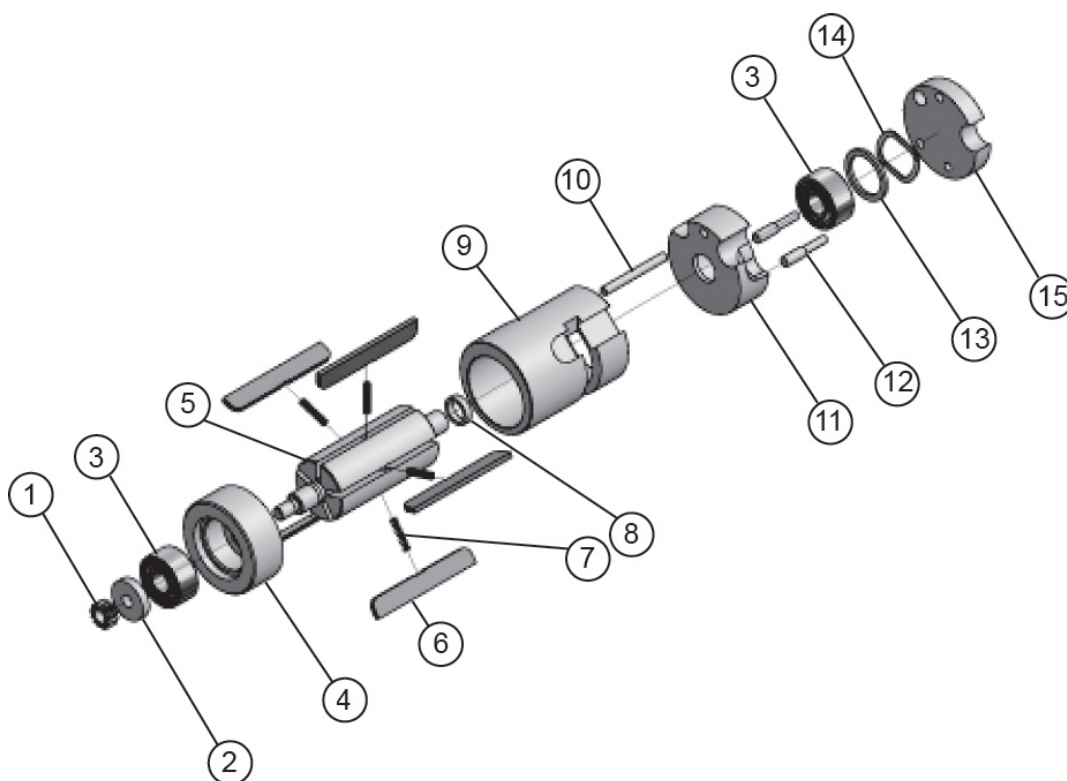
Ref #	HPP Part Number	Description	Wholesale Price
1]	LST323**	Housing	N/A
2]	O-Shaft Assy	Output Shaft Assembly (see parts breakdown on page 103)	N/A
3]	LST003	Idler Gear	\$16.00
4]	LST301**	Ring Gear	N/A
5]	Motor Assy	Motor Assembly (see parts breakdown on page 101)	
6]	Swivel Assy	Swivel Assembly (see parts breakdown on page 102)	

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Handpiece Parts and Products Inc. (800) 368-3684

StarTitan 3 SLOW SPEED

Star Titan 3
Motor Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	16055	Sun Gear	\$6.25
2]	LST039**	Sun Gear Spacer	N/A
3]	082	Bearing	\$5.50
4]	LST327**	Front Plate	LST327**
5]	LST329**	Rotor	LST329**
6]	LST017	Rotor Blade (set of 5)	\$27.50
7]	LLX008	Rotor Blade Spring (set of 5)	\$4.38
8]	LST315	Bearing Spacer	\$1.45
9]	LST328	Rotor Housing	\$14.50
10]	LST005	Alignment Pin	\$2.50
11]	LST303	Rear Plate	\$8.10
12]	LST030	Valve Stop Pin	\$2.50
13]	LST316	Spring Spacer	\$1.45
14]	HNY204	Rear Plate Wave Washer	\$0.48
15]	LST304	Valve Plate Distributor	\$7.80

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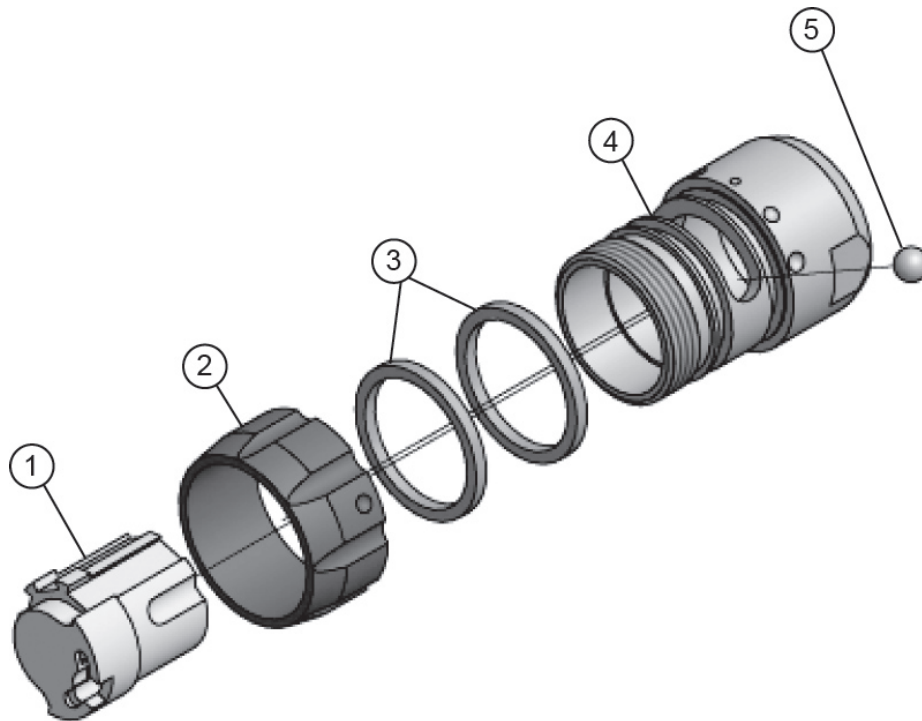


STAR TITAN 3 SLOWSPEED

Handpiece Parts and Products Inc. (800) 368-3684

Star Titan 3

Swivel Head Assembly

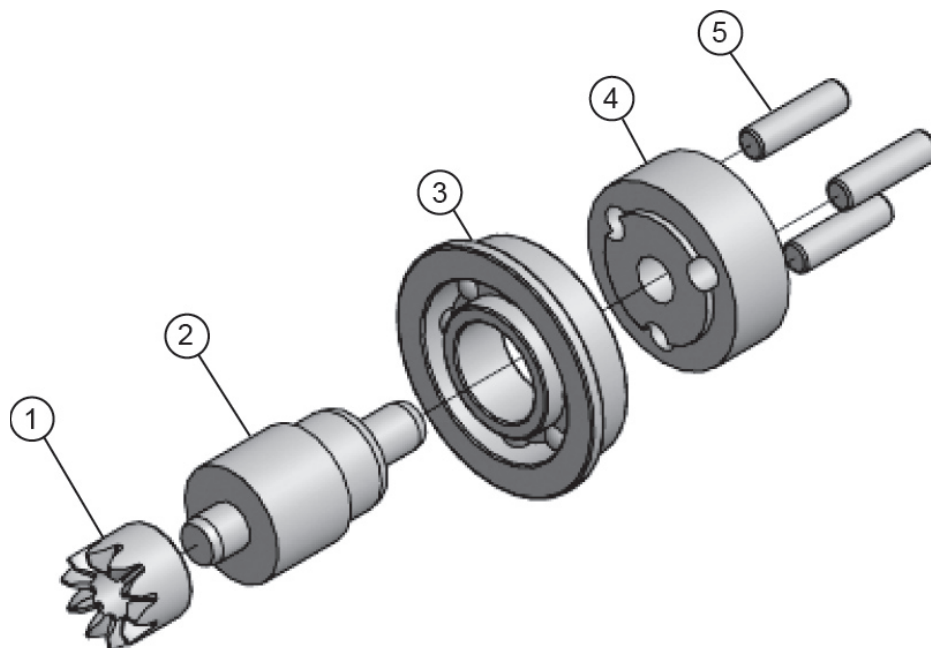


Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LST335	Air Switch	\$16.75
2]	LST337	Direction Ring	\$7.50
3]	LST182	O'Ring	\$1.90
4]	LST339	Swivel Housing	\$18.95
5]	LST308	Speed Adjustment Ball	\$0.90

Handpiece Parts and Products Inc. (800) 368-3684

Star Titan 3 Output Shaft Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	LST016NH	Drive Gear	\$13.00
2]	LST307**	Output Shaft	N/A
3]	194	Flanged Bearing	\$6.90
4]	LST317**	Idler Gear Plate	LST317**
5]	LST318**	Idler Gear Pin	LST318**

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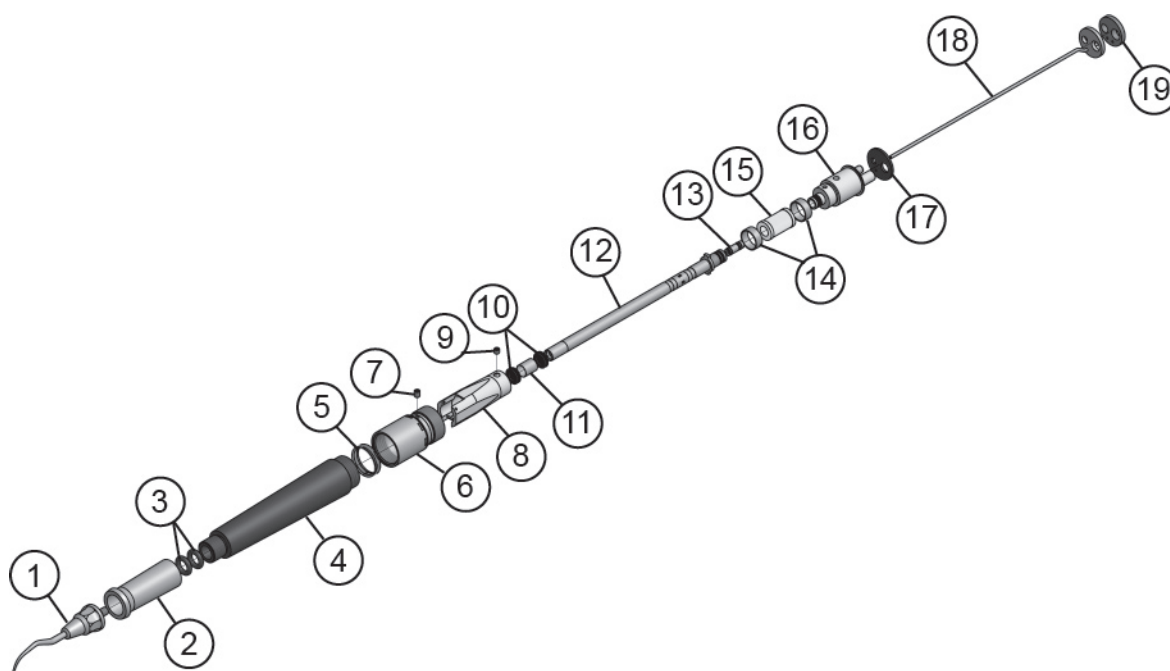


STAR TITAN AIR SCALER

Handpiece Parts and Products Inc. (800) 368-3684

Star Titan Air Scaler

Complete Assembly



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	SST014	Scaler Tip Assembly	\$26.00
2]	SST026	Nose	\$8.00
3]	SST181	Front O'Ring	\$0.40
4]	SST009	Scaler Housing	\$8.00
5]	SST003	Baffle (1.5" piece)	\$0.30
6]	SST013	Connector Housing Assembly	\$12.00
7]	SST024	Set Screw	\$0.65
8]	SST020	Spindle Block Assembly (w/ pin)	\$10.00
9]	SST025	Set Screw	\$0.65
10]	SST182	Quad Ring	\$1.00
11]	085	Rotor	\$18.00
12]	SST107	Main Spindle Assembly	\$30.00
13]	SST006	Water Line Brace Assembly	\$5.00
14]	SST019	Crimp Ring	\$0.75
15]	SST002	Suspension Groumet	\$2.00
16]	SST012	Air Line Connector Assembly	\$6.50
17]	SST004	Water Line Gasket	\$0.75
18]	SST007	Water Line Assembly	\$6.00
19]	HHX4HG	4-Hole Gasket	\$0.40

Not Pictured

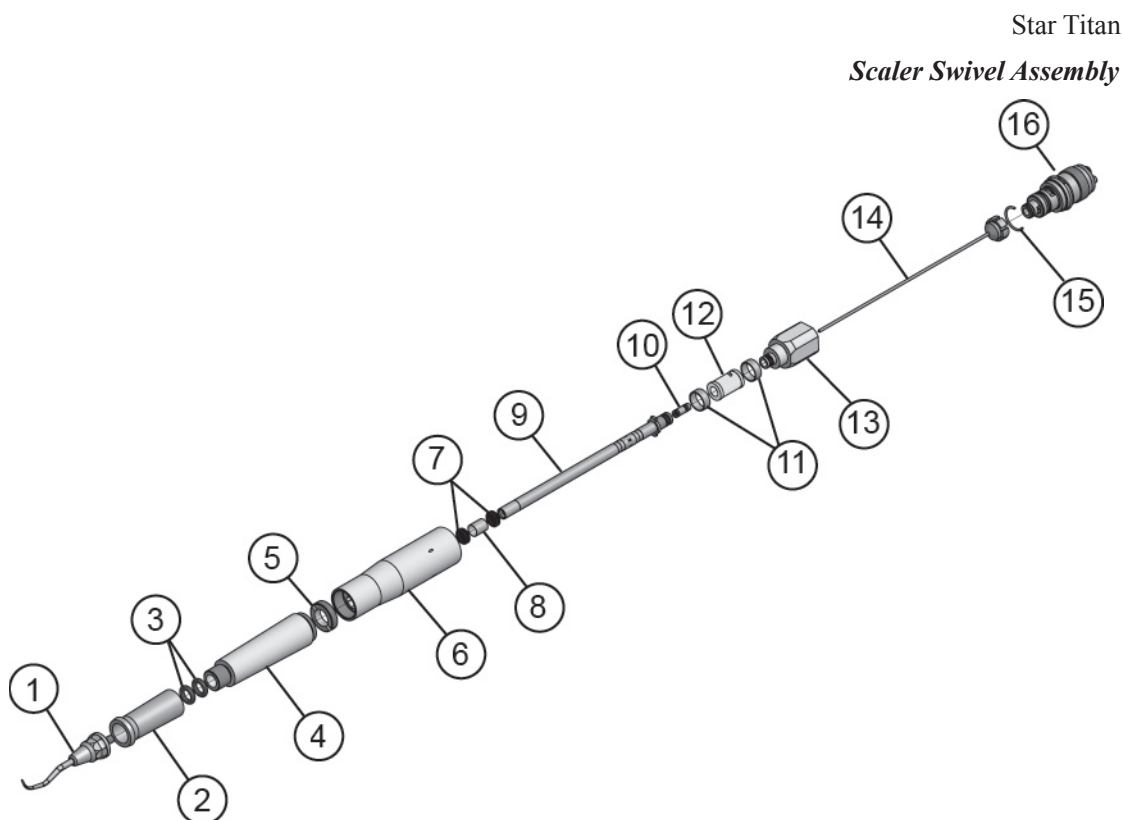
SST180	Outer O-Ring for Waterline Brace Assembly	\$0.68
SST015	Perio Scaler Tip	\$29.00

Complete Assembly

SHA100	American Air Scaler w/ Tip	\$195.00
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Handpiece Parts and Products Inc. (800) 368-3684

STAR TITAN SCALER SWIVEL ASSEMBLY



Components

Ref #	HPP Part Number	Description	Wholesale Price
1]	SST014	Scaler Tip Assembly	\$26.00
2]	SST026	Nose	\$8.00
3]	SST181	Front O'Ring	\$0.40
4]	SST009S	Swivel Scaler Housing	\$8.00
5]	SST112	Spindle Retaining Nut	\$2.98
6]	SST109	Swivel Housing	\$18.95
7]	SST182	Scaler Quad Ring	\$1.00
8]	085	Rotor	\$18.00
9]	SST107	Main Spindle Assembly	\$30.00
10]	SST006	Water Line Brace Assembly	\$5.00
11]	SST019	Crimp Ring	\$0.75
12]	SST002	Suspension Grommet	\$2.00
13]	SST012S	Swivel Connector	\$6.30
14]	SST008	Water Line Assembly	\$7.00
15]	SST011	Water Line Retaining Clip	\$0.68
16]	SST124**	Swivel Assembly	N/A

Not Pictured

SST180	Outer O-Ring for Waterline Brace Assembly	\$0.68
SST015	Perio Scaler Tip	\$29.00

Complete Assembly

SHA200	American Swivel Air Scaler w/ Tip	\$195.00
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Handpiece Parts and Products Inc. (800) 368-3684

SLOWSPEED ATTACHMENTS

SLOWSPEED ATTACHMENTS



MW CONTRA AGNLE SHEATH
SHORTY/RHINO
PART NUMBER **LMA001**
\$84.00



STANDARD U-TYPE LATCH
20,000 RPM
PART NUMBER **LXA001**
\$19.90



MW 14 PIN LATCH ANGLE
30,000 RPM
PART NUMBER **LMA002**
\$38.00



STAR TITAN LATCH ANGLE
20,000 RPM
PART NUMBER **LSA001**
\$26.00



MW 14 PIN
SCREW TYPE PROPHY
PART NUMBER **LMA003**
\$34.00



STAR TITAN
SCREW TYPE PROPHY
PART NUMBER **LSA002**
\$26.00



MW 14 PIN
SNAP ON PROPHY
PART NUMBER **LMA004**
\$34.00



STAR TITAN
SNAP ON PROPHY
PART NUMBER **LSA003**
\$26.00



MW 14 PIN BALL BEARING
SWING LATCH 40,000 RPM
PART NUMBER **LMA005**
\$62.00



STAR TITAN BALL BEARING
SWING LATCH 40,000 RPM
PART NUMBER **LSA004**
\$44.65



MW 14 PIN LATCH ANGLE
20,000 RPM
PART NUMBER **LMA007**
\$31.00



STAR TITAN BALL BEARING
SWING LATCH 40,000 RPM
PART NUMBER **LSA005**
\$68.00



MW STRAIGHT NOSE CONE
PART NUMBER **LMA006**
\$137.00



STAR TITAN BALL BEARING
PUSH LATCH 40,000 RPM
PART NUMBER **LSA005P**
\$75.00

Handpiece Parts and Products Inc. (800) 368-3684

SLOWSPEED / E-TYPE ATTACHMENTS

SLOWSPEED ATTACHMENTS



E-TYPE CONTRA ANGLE
STANDARD LATCH HEAD 4:1
PART NUMBER **LXA003**
\$140.00



E-TYPE AIR MOTOR
25,000 RPM 4-HOLE
PART NUMBER **LXX201**
\$199.00



E-TYPE CONTRA ANGLE W/
LATCH, 25,000 RPM 1:1
PART NUMBER **LXA005**
\$70.00



E-TYPE AIR MOTOR
25,000 RPM 2-HOLE
PART NUMBER **LXX202**
\$199.00



E-TYPE CONTRA ANGLE
STANDARD LATCH HEAD 16:1
PART NUMBER **LXA006**
\$180.00

E-TYPE COMPLETE SYSTEM

INCLUDES THE FOLLOWING:
LXX202 COMPLETE MOTOR
LXX002 STRAIGHT NOSECONE
LXA005 25,000 RPM 1:1 ANGLE
PART NUMBER **LXX200**
\$365.00

SLOWSPEED ATTACHMENTS NOT PICTURED

MW CONTRA ANGLE
MINI HEAD 30,000 RPM
PART NUMBER **LMA002M**
\$34.00

STAR MINI LATCH HEAD
30,000 RPM
PART NUMBER **LSA004M**
\$58.00

E-TYPE STRAIGHT NOSECONE
40,000 RPM, BALL BEARING 1:1
PART NUMBER **LXA002**
\$132.00

MW 14 PIN BALL BEARING
PUSH LATCH 40,000 RPM
PART NUMBER **LMA005P**
\$65.00

STAR PUSH-BUTTON HEAD
30,000 RPM LATCH-TYPE BUR
PART NUMBER **LSA202**
\$98.00

E-TYPE LATCH HEAD
30,000 RPM 12 PIN
PART NUMBER **LXA004**
\$39.75

MW FRICTION GRIP
PART NUMBER **LMA008**
\$52.50

STAR PUSH-BUTTON HEAD
40,000 RPM LATCH-TYPE BUR
PART NUMBER **LSA205**
\$152.00

E-TYPE DELUXE SWING LATCH
40,000 RPM (12 PIN)
PART NUMBER **LXA007**
\$61.00

MW PUSH-BUTTON HEAD
30,000 RPM LATCH-TYPE BUR
PART NUMBER **LMA202**
\$95.60

STAR PUSH-BUTTON HEAD
40,000 RPM FRICTION GRIP BUR
PART NUMBER **LSA402**
\$156.00

E-TYPE DELUXE PUSH LATCH
40,000 RPM 12 PIN
PART NUMBER **LXA007P**
\$61.00

MW PUSH-BUTTON HEAD
40,000 RPM LATCH-TYPE BUR
PART NUMBER **LMA205**
\$142.68

U-STYLE SNAP ON PROPHY
PART NUMBER **LXA008**
\$9.00

MW PUSH-BUTTON HEAD
40,000 RPM FRICTION GRIP BUR
PART NUMBER **LMA402**
\$149.60

U-STYLE SCREW TYPE PROPHY
PART NUMBER **LXA009**
\$9.00



MICROMITE SLOWSPEED HANDPIECE

AUTOCLAVABLE HIGH TORQUE 5,500 RPM SLOWSPEED HANDPIECE
6 MONTH WARRANTY
FORWARD AND REVERSE OPERATION
AVAILABLE IN 2-HOLE AND 4-HOLE



HPP Part Number	Description	Wholesale Price
LXX100	4-HOLE SLOWSEED HANDPIECE	\$278.00
LXX102	2-HOLE SLOWSPEED HANDPIECE	\$240.00

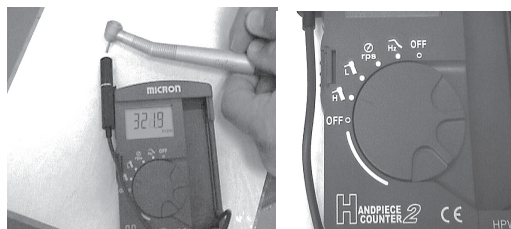
MICRON "HANDPIECE COUNTER 2" PORTABLE RPM TESTER

THE COMPACT AND PORTABLE HPW-2 MEASURES FREQUENCY AND REVOLUTION WITH A SINGLE UNIT.
BEST TO CHECK PERFORMANCES OF DENTAL HANDPIECES FOR MANUFACTURERS AND REPAIR COMPANIES.

FREQUENCY (Hz) : MEASURES FREQUENCY OF VIBRATING INSTRUMENTS SUCH AS AIR SCALERS
AND ULTRASONIC SCALERS FROM 1 HZ TO 200 KHz.

REVOLUTION (RPM): MEASURES REVOLUTION OF ROTATING INSTRUMENTS SUCH AS AIR TURBINES, MICRO MOTORS,
AND AIR MOTORS FROM 5 KRPM TO 999 KRPM.

NON-CONTACTING: SAFE AND SIMPLE MEASUREMENT PROCEDURE; THE OBJECT DOES NOT HAVE TO CONTACT
THE SENSOR, JUST BRING IT CLOSE.



HPP Part Number	Description	Wholesale Price
THR500	PORTABLE HANDPIEC RPM TESTER	\$799.00

Handpiece Parts and Products Inc. (800) 368-3684

CANISTER HANDPIECES

CANISTER STYLE HANDPIECES

4 HOLE, 2 HOLE & FIBER OPTIC
MANUAL OR PUSH BUTTON CHUCKS
QUICK DISCONNET MODELS ALSO AVAILABLE



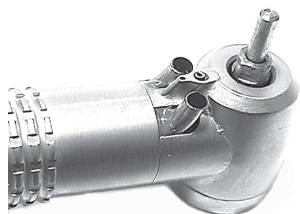
400,000 RPM @ 30 PSI
HIGH TORQUE, LOW NOISE
AUTOCLAVABLE
1 YEAR SHELL WARRANTY
3 MONTH TURBINE WARRANTY
USES CANISTER TURBINES

HPP Part Number	Description	Wholesale Price
HHH014	4 HOLE HANDPIECE W/ STANDARD TURBINE	\$77.50
HHH024	4 HOLE HANDPIECE W/ PUSH BUTTON TURBINE	\$115.00



HPP Part Number	Description	Wholesale Price
HHH012	2 HOLE HANDPIECE W/ STANDARD TURBINE	\$77.50
HHH022	2 HOLE HANDPIECE W/ PUSH BUTTON TURBINE	\$115.00

HHH015	FIBER OPTIC HANDPIECE W/ STD. TURBINE	\$180.00
HHH025	FIBER OPTIC HANDPIECE W/ PUSH BUTTON TURBINE	\$225.00



HPP Part Number	Description	Wholesale Price
HHH014M	4 HOLE MINI HEADHANDPIECE W/ STANDARD TURBINE	\$77.50
HHH024M	4 HOLE MINI HEAF HANDPIECE W/ PUSH BUTTON TURBINE	\$115.00

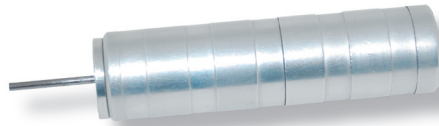


Handpiece Parts and Products Inc. (800) 368-3684

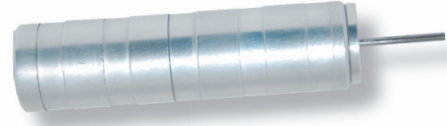
HIGHSPEED TOOLING

Pull Testers

A pull tester is an absolute must when repairing/rebuilding turbines. Our pull testers are simple, but very effective. A precision pin is mounted to a spring loaded shaft that exerts a pull of 8 lbs which more than exceeds the industry standard of 6 lbs. We offer 2 types of pull tester; a standard pull tester, and a dynamic pull tester. The standard pull tester is to be used on a turbine that is not in motion. The dynamic pull tester can be used like the standard, however the test pin is attached to a turbine that allows you to perform the pull test on a handpiece while it's running. This is the most accurate way to test the holding power of a spindle.



THR008
Standard Pull Tester
\$21.62

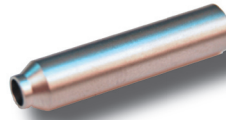


THR808
Dynamic Pull Tester
\$38.75

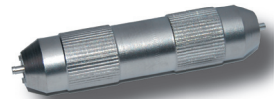
KAVO SLINGER & SPRAY COVER TOOLS



HK5222
KAVO 635
Slinger Install tool
\$8.00

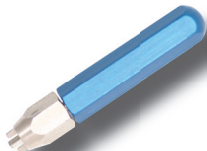


HK7222
KAVO 647/649
Slinger Install tool
\$8.00



HKS240
KAVO Dual-Sided
Spray Cover Tool
\$25.50

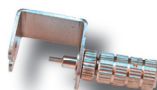
BUR TOOLS



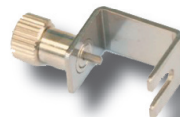
HMT131
Midwest Tradition
Bur Tool
\$4.00



HMQ131
Midwest Quiet Air
Bur Tool
\$4.00



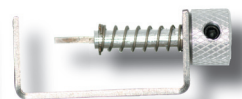
HHE131
Mini Canister
Bur Tool
\$4.65



HHC131
Std. Canister
Bur Tool
\$4.65



HSV131S
Universal Bur
Tool (Square)
\$4.00



HSV131H
Universal Bur
Tool (Hex)
\$4.00

Handpiece Parts and Products Inc. (800) 368-3684

CAP WRENCHES

MIDWEST



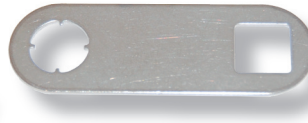
HMQ130
Quiet Air Standard
Cap Wrench
\$3.00



HMQ230
Quiet Air Standard
H/D Cap Wrench
\$3.00



HMT230
Tradition Standard
H/D Cap Wrench
\$3.00



HMT330
Midwest Multi-Tool Cap Wrench
Works on: XGT, Tradition (L & PB),
Quiet Air (L&PB), Stylus PB
\$3.00



753333
Tradition-L/ Quiet Air
Lever Cap Wrench
(OEM)
\$5.00

LA RES



HL5135
Lares Heavy Duty
Dual Cap Wrench
\$4.00



HL5130
Lares 557
Cap Wrench
\$4.00

KAVO



HKC130
Kavo Cap Wrench
\$3.00



HKC230
Kavo Heavy Duty
Cap Wrench
\$5.00



HK5230
Kavo 635/647/649
Cap Wrench
\$5.00

IMPACT AIR



HIA230
Impact Air
Cap Wrench
\$4.00

STAR



HSV230
Star Push-Button
Cap Wrench
\$3.00

W&H/ADEC



HAS136
Synea TA-96
Cap Wrench
\$12.00



HAS137
Synea TA-97
Cap Wrench
\$12.00



HAS138
Synea TA-98
Cap Wrench
\$12.00

BIEN AIR



HBA130
Outer Cap Wrench
Black Pearl & Bora
\$12.00



HBA230
Inner Cap Wrench
Black Pearl & Bora
\$24.35



HBP130
Outer Cap
Wrench Prestige
\$12.00



HBP230
Inner Cap Wrench
Prestige
\$24.35

HIGHSPEED TOOLING CONT'D



THR066

Dental Pick Kit

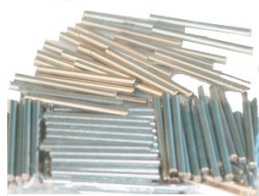
Comes with steel handle and interchangeable tips for various applications. Great for removing small components like O-rings from tight places. (Like back caps!)
\$11.75



THR068

Small Diameter Wire

.014" Diameter steel wire. Great for clearing debris and build up in water lines.
\$11.75



THR052

Highspeed Shipping Pins

Blank burs for use while testing turbines and used for shipping completed rebuilds/installs.
\$10.00/Pack of 100



TPX002

Highspeed Lubricant

General purpose lubricating oil. For use in highspeed and slowspeed applications.
\$ 5.00



THR071

Snap Ring Pliers

Just flip a switch to convert between external and internal action. Pliers are made of steel and have cushion-grip handles with a spring return.
\$33.02



THR099

Eye Loupe

4x's magnification provides just the right amount for inspecting bearings, spindles, or other small components.
\$25.00

HEAD REAMERS & DENT REMOVERS



THR020

**Midwest Quiet Air
Head Reamer**
\$245.00



THR019

**Midwest Tradition
Head Reamer**
\$125.00



THR022

**Canister Mini (NSK)
Head Reamer**
\$50.00



THR024

**KAVO Small Head
Dent Removal Tool**
\$50.00



THR025

**KAVO Large Head
Dent Removal Tool**
\$50.00



THR021

**Canister Standard (NSK)
Head Reamer**
\$50.00

Handpiece Parts and Products Inc. (800) 368-3684

THR033

High Precision Arbor Press

1,000lb capacity. Ram is steel and round. Aligned with a 5/8" dia. hole in the base. Frame is cast iron. Base has two 1/4" dia. holes for bench mounting. Provides much greater precision over our standard press. **This is the preferred press of HPP technicians.**

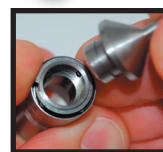
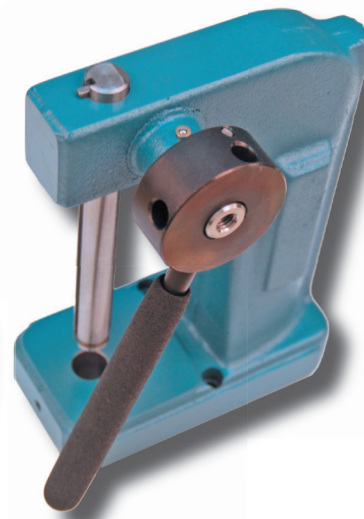
\$377.39

THR333

Quick Change Press Pin Tool Kit

Switching press pins is quick and easy with this new kit. Attach the quick-disconnect pin adaptor to your Precision Arbor Press and switching between solid, hollow core, and centering guide press pins is a snap! **This kit is designed to work exclusively with the Precision Arbor Press (part# THR033).** Kit includes the quick-disconnect adaptor, 2 set screws, and 3 press pins. (solid, push button, and centering guide)

\$75.20 (Complete Kit)



Quick-disconnect feature makes changing pins quick & easy!



Shown here installed on the Precision Arbor Press.



THR031
Std. Quick Change Press Pin
\$17.50



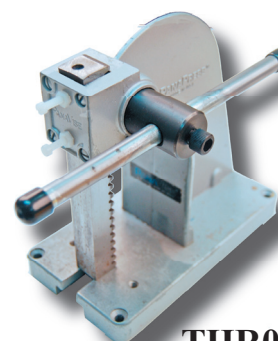
THR032
Quick Change Pin w/ Centering Guide
\$17.50



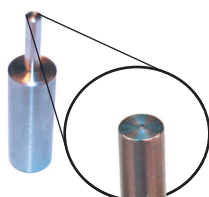
THR034
P.B. Quick Change Press Pin
\$17.50



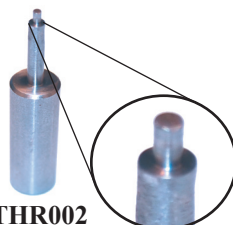
THR035
Quick Change Arbor Press Adaptor
\$32.95



Standard Press Pins \$15.00 each



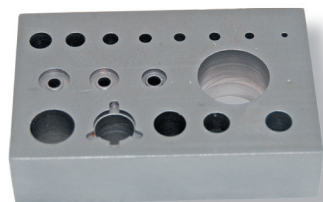
THR001
Regular Press Pin



THR002
Press Pin with Centering Guide



THR004
Push Button Press Pin



THR009

Universal Press Block

Solid Steel construction. Large variety of hole sizes for multiple applications. This block is a must-have for any repair tech.

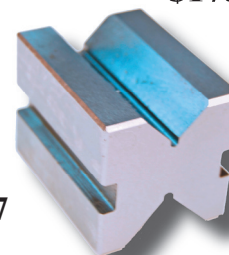
\$80.00

THR003

Arbor Press

500lb capacity.

\$175.00



THR087

V-Block

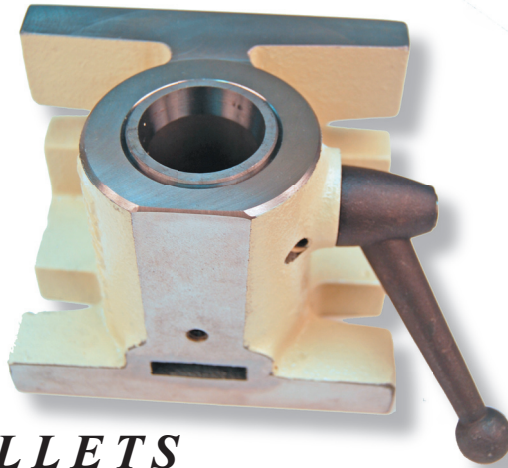
Solid Steel construction. Great tool for helping secure handpieces during repairs.

\$57.42



Handpiece Parts and Products Inc. (800) 368-3684

SLOWSPEED TOOLING



TMX015

Collet Holder

A spring-loaded handle allows you to easily operate this fixture from any position. It is made of cast iron and has four 11/16" slots for mounting vertically or horizontally. Maximum collet size is 1 1/16". Ideal for securing handpieces safely & securely during repair.

\$250.98

COLLETS

The right tool for the job means never having to damage a handpiece during a repair. We offer a variety of collet sizes for every need. What you see is a collection of our more popular sizes. Other sizes are available. Please call for availability and pricing.



TMX013
3/16" 5C Collet
\$25.41



TMX011
13/32" 5C Collet
\$25.41



TMX010
15/64" 5C Collet
\$25.41



TMX012
25/64" 5C Collet
\$25.41



TMX062
Nosecone Collet
\$68.00

Specially modified collet for gripping straight nosecones. Slot in the collet allows you to grip the nosecone without damaging the prophyl stop.

SPECIALTY SLOWSPEED WRENCHES

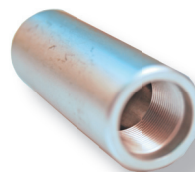


TMX001

Shorty/TruTorc Turbine Wrench

Used to unscrew the turbine raceway from the Shorty/TruTorc housing.

\$15.00

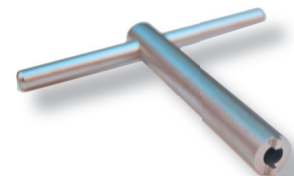


TMX002

Shorty/TruTorc Thread Cover Tool

Protect the threads of your Shorty/TruTorc motors during disassembly/repair.

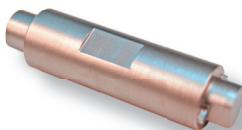
\$15.00



TMX020

Midwest C/A Sheath Wrench

\$14.50



LSX001

Star Nosecone Disassembly Tool

\$14.00



TMR020

Midwest RDH Stop Nut Wrench

\$16.50

Handpiece Parts and Products Inc. (800) 368-3684

SLOWSPEED TOOLING CONT'D



TMX021

Soft Jaw Pliers

Used for gripping handpieces firmly without scratching or damaging the body.

\$32.12



THR105

Slowspeed Collet Compressor

Used to compress slowspeed collets during repair to help in the disassembly and rebuilding of straight slowspeeds and nosecones.

\$58.00



THR061

Soft Tip Hammer

\$23.15



THR106

Rhino Latch Ring Clip Pliers

Converts between external & internal action. Great for removing ring clips and springs from slowspeeds. (Like the Midwest Rhino)

\$35.00



TPX010

Handpiece Grease

Wide application range - Suitable for high rpm operation, operating temperatures ranging from -29°C to 177°C (-20°F to 350°F). Micron filtered to be free of all debris & contaminants.

\$8.00



THR054

Slowspeed Shipping Pin

\$0.25 each



TMX006

Midwest Twist Nosecone Adjustment Tool

\$9.75



THR080

6" Adjustable Wrench

\$17.53



THR062

6" Pliers

\$16.41



THR097

Small Screwdriver

\$6.30



THR098

Loctite 648 .34oz

\$21.10



Handpiece Parts and Products Inc. (800) 368-3684

SCALER TOOLING

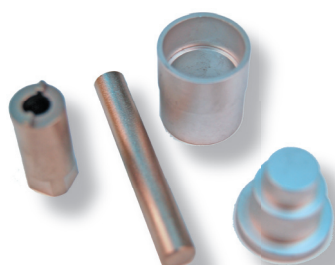
HANDPIECE REPAIR TOOLING



THR040
CRIMP RING TOOL
\$85.00



SST016
SCALER TIP WRENCH
\$4.00



TSX011
SCALER SWIVEL TOOL KIT
Kit includes: Scaler Block Insert
Tool, Base Removal Pin, Scaler
Base, and Scaler Retaining Ring.
\$14.00



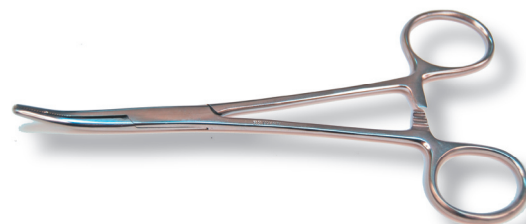
THR067
ALLEN WRENCH (035)
\$7.38



TMX003
1/16" PUNCH
\$7.08



TSX010
BRACE INSTAL/REMOVAL KIT
\$8.00



THR069
SCALER HEMOSTATS
\$11.56



THR055
SCALER CLIP INSTALLATION TOOL
\$8.00

Handpiece Parts and Products Inc. (800) 368-3684

KAVO SLOWSPEED TOOLING



LKX101

KAVO 2307LN Motor Pre-Load Tool Kit

4-Piece tool kit consisting of:

- Motor Housing
- Distributor
- Coupler Housing
- Adjustment Coupler

The 2307LN is designed to be pre-loaded to an optimal run speed prior to completion of assembly. This Motor Pre-Load tool kit is required to perform this procedure.

\$289.00

Insert motor into housing



Insert Distributor into housing



Screw Coupler Housing onto motor housing



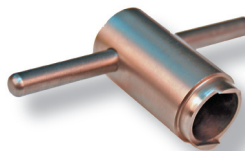
Attach Adjustment coupler to air supply, connect to housing and turn to adjust motor



HANDPIECE REPAIR TOOLING



**LKX001
KAVO 2307LH
Rear Coupler Housing
Wrench
\$24.35**



**TMK001
KAVO 181
Backend Wrench
\$24.00**



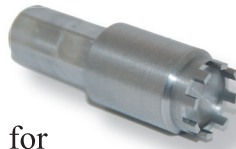
Handpiece Parts and Products Inc. (800) 368-3684

ELECTRIC ATTACHMENT TOOLING

HANDPIECE REPAIR TOOLING



LKA130
End Cap
Removal Tool for
KAVO 25 LPA
\$24.95



EKA230
Crown nut wrench for
KAVO 25 LPA
\$39.95



LKA240
Spray Cover Nut
Removal Tool for
KAVO 25 LHA
\$44.95



EXA001
Electric Attachment
Retaining Nut Wrench
\$29.98



EXA010
Extraction Tool
Assembly
\$42.50



Part #: **EXA040**
1500watt Digital Heat Gun
250F-1350F heat range
Used for breaking down adhesives in
handpieces while avoiding scorching.
Price: **\$77.50**



Part #: **EXA041**
Tip kit for digital heat gun
Direct the heat more precisely with
this set of nozzles.
Price: **\$23.85**



Part #: **EKA097**
2.0mm Slotted Screwdriver
Used for Kavo 25LPA
Price: **\$6.30**



Part #: **ENA097**
PH00 Phillips Screwdriver
Used for NSK ti95-L
Price: **\$6.30**



You can't gamble with safety. Be sure your repair is done right and does not overheat.

Part #: **EXA500**
K-Type Thermocouple Digital Thermometer
Critical tool used for checking
temps on electric attachments.
Price: **\$170.25**



Part #: **THR090**
High-Temp Silicone Adhesive
Used for securing fiber-optics
Price: **\$11.75**



Part #: **THR092**
Loctite 243 Thread Locker
5-min cure time
Price: **\$21.10**

Handpiece Parts and Products Inc. (800) 368-3684

MISCELLANEOUS TOOLING



THR100

Complete Air & Water Unit

Includes 2 handpiece lines, 1 chip air & water dispenser and 1 liter water bottle.

\$590.00



DIAL INDICATOR & STAND

Very useful for checking and setting proper impeller heights on spindle assemblies.

THR011 Dial Indicator \$31.00

THR012 Dial Stand \$85.00



THR501

Inline Air Pressure Gauge

\$59.50



0956

4 Line To 2HP Adaptor

Converts a 4 hole line to fit a 2 hole handpiece

\$40.10



0956A

2 Line To 4HP Adaptor

Converts a 2 hole line to fit a 4 hole handpiece

\$40.10



THR101

Ultrasonic Cleaner

Includes basket

\$599.00

THR500

Portable RPM Tester

\$799.00

Frequency (Hz) : Measures frequency of vibrating instruments such as air scalers and ultrasonic scalers from 1 Hz to 200 kHz.

Revolution (rpm): Measures revolution of rotating instruments such as air turbines, micro motors, and air motors from 5 krpm to 999 krpm.



Non-contacting: Safe and simple measurement procedure; The object does not have to contact the sensor, just bring it close.



THR005

Stainless Steel Assembly Tray

Create a clean, lint free work area with this sterile stainless steel tray.

Tray Dimension: 14"w X 10"h

\$57.25



Handpiece Parts and Products Inc. (800) 368-3684

MISCELLANEOUS TOOLING

HANDPIECE REPAIR TOOLING



TMX004
1/8" Punch
\$7.08



TMX005
1/4" Punch
\$7.08



THR082
Locking Pin Punch
\$8.00



THR083
3/16" Nut Driver
\$8.00



THR065
Wire Cutters
\$29.24



TMX009
Large Screwdriver
\$6.67



THR051
Yellow Caps (bag of 100)
\$8.00



THR050
Clear Poly Bags (bag of 100)
\$5.00



THR084
.002" Shim
\$3.00

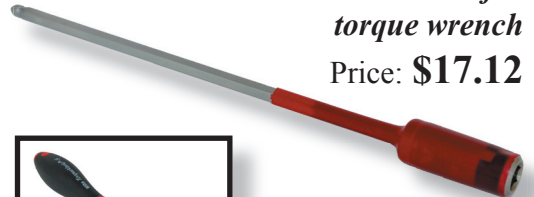


Part #: **EXA020**
Adjustable Torque Wrench
Adjusts from 0.1 Nm - 0.6 Nm
Price: \$111.97

Part #: **EXA022**
1/4" bit holder for torque wrench
Price: \$17.12



Part #: **EXA021**
Adjustable Torque Wrench
Adjusts from 0.8 Nm - 2.0 Nm
Price: \$125.84



Shown here with torque wrench & bit holder in place.

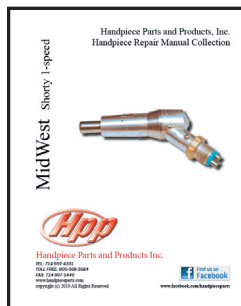


Handpiece Parts and Products Inc. (800) 368-3684

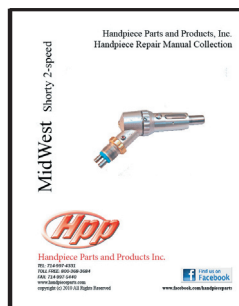
REPAIR MANUALS / VIDEOS

Printed Repair Manuals

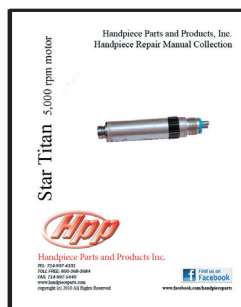
The following manuals represent a collection of our most recently updated repair manuals. Each repair manual is spiral bound and includes detailed step-by-step directions and full-color photographs. Additional manuals are available for purchase or download on our website.



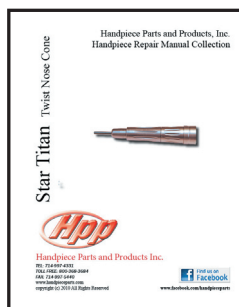
RMAN10
Midwest Shorty 1-Speed
Repair Manual
Printed and spiral bound repair manual with step-by-step directions and pictures.
\$79.00



RMAN11
Midwest Shorty 2-Speed
Repair Manual
Printed and spiral bound repair manual with step-by-step directions and pictures.
\$79.00



RMAN05
Star Titan 5K Motor
Repair Manual
Printed and spiral bound repair manual with step-by-step directions and pictures.
\$59.00



RMAN07
Star Titan Twist Nosecone
Repair Manual
Printed and spiral bound repair manual with step-by-step directions and pictures.
\$59.00



RMAN12
KAVO 2307LN
Repair Manual
Printed and spiral bound repair manual with step-by-step directions and pictures.
\$79.00



RTDVD-11
RITech Summer '11 DVD
Pre-produced video featuring step-by-step repair instructions for the Star Titan 5K motor, Star Titan Nosecone, and Midwest Shorty 2-speed motor.
\$149.00



RTDVD-10
RITech Jan '11 DVD
Live video recording of RITech repair training session. Includes Midwest RDH & Kavo 2307LN repair.
\$99.00



Handpiece Parts and Products Inc. (800) 368-3684

HANDPIECE MAINTENANCE

HANDPIECE MAINTENANCE

BY EDUCATING YOUR DOCTORS ON THESE SIMPLE STEPS, THEY CAN HELP GREATLY IMPROVE THE LIFE OF A HIGHSPED TURBINE, REDUCING THE FAILURE RATE AND ULTIMATELY, INCREASING CUSTOMER SATISFACTION WHILE REDUCING YOUR EXPENSES!

BETWEEN PATIENT HANDPECE MAINTENANCE

1



LUBRICATE HANDPIECE



PLACE 2-3 DROPS OF OIL INTO THE INTAKE TUBE LOCATED AT THE BOTTOM OF THE HANDPIECE. THEN OPERATE THE HANDPIECE, WITH A BUR INSTALLED, FOR 10 SECONDS TO EXPELL THE OIL OUT OF THE HANDPIECE. DOING THIS WILL FLUSH THE DEBRIS AND CONTAMINATES FROM THE HANDPIECE. **WARNING:** OPERATING THE HANDPIECE WITHOUT A BUR INSTALLED WILL RESULT IN PREMATURE CHUCK FAILURE.

2



CLEAN EXTERIOR OF HANDPIECE

WIPE DOWN THE EXTERIOR OF THE HANDPIECE WITH ALCOHOL OR DISTILLED WATER. REMOVE GROSS CONTAMINATES WITH A FINE WIRE BRUSH. DO NOT USE TAP WATER OR PHOSPHATE BASED SOAPS.

3



STERILIZE

INDIVIDUALLY BAG EACH HANDPIECE FOR STERILIZATION. DO NOT EXCEED 135c/275f. IF USING A CHEMICAL STERILIZER, USE CLEAN CHEMICALS. AFTER THE CYCLE, ALLOW THE HANDPIECE TO RETURN TO ROOM TEMPERATURE BEFORE USE. DO NOT OPERATE A HANDPIECE THAT IS HOT TO THE TOUCH. **WARNING:** NEVER LEAVE A HANDPIECE IN THE STERILIZER OVERNIGHT.



WEEKLY MAINTENANCE

CLEAN THE CHUCK OF THE HANDPIECE ONCE A WEEK. SPRAY HANDPIECE CLEANER UP INTO THE FRONT OF THE CHUCK. REMOVING DEBRIS FROM THE CHUCK ASSEMBLY WILL PROLONG THE LIFE OF THE CHUCK.

BETWEEN PATIENT HANDPECE MAINTENANCE (LUBE FREE)

1



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PLEASE NOTE:

THERE ARE MANY IDEAS EXPRESSED IN THE DENTAL INDUSTRY IN REGARDS TO WHICH FORM OF HANDPIECE MAINTENANCE WILL YIELD THE LONGEST HANDPIECE LIFE. WE ARE NOT REPRESENTING THAT FOLLOWING THIS MAINTENANCE PROCEDURE WILL GUARANTEE AN INCREASE IN HANDPIECE LIFE. THE MAINTENANCE PROCEDURES EXPRESSED ABOVE IS WHAT WE HAVE FOUND TO OFFER THE BEST RESULTS IN THE TESTS WE HAVE CONDUCTED IN OUR FACILITY.



Handpiece Parts and Products Inc. (800) 368-3684

HPP WHOLESALE HANDPIECE REPAIR SERVICE



HANDPIECE PARTS & PRODUCTS OFFERS WHOLESALE HANDPIECE REPAIR SERVICE TO OUR WHOLESALE DENTAL DEALERS AND HANDPIECE REPAIR FACILITIES. WE NEVER SOLICIT OUR REPAIR SERVICES DIRECTLY TO THE RETAIL/DENTAL MARKET. THIS IS STRICTLY A WHOLESALE REPAIR SERVICE WE OFFER TO OUR WHOLESALE CUSTOMERS AT A WHOLESALE PRICE.

PRICING:

OUR REPAIR PRICING IS A FLAT RATE DETERMINED BY HANDPIECE/ TURBINE TYPE. ALL REPAIRS INCLUDE OUR HPP WARRANTY. REPAIR PRICING IS OUTLINED BELOW. PLEASE CONTACT US AT **800-368-3684** IF YOU HAVE ANY QUESTIONS REGARDING YOUR WHOLESALE REPAIR NEEDS.

HIGHSPEED

STARTING AT \$67**

90 DAY WARRANTY

SLOWSPEED

\$96 - \$129

180 DAY WARRANTY

SCALER

\$69

120 DAY WARRANTY

CALL 1-800-368-3684 FOR MORE INFORMATION

**** DUE TO OEM SPECIFICATIONS AND TURBINE STYLES, SOME MODELS MAY BE HIGHER.**



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Handpiece Parts and Products Inc. (800) 368-3684

ORDERING POLICIES

YOU MAY ORDER BY TELEPHONE, E-MAIL, OR FAX:

TELEPHONE (800) 368-3684

FAX (714) 997-4331

E-MAIL: ORDERS@HANDPIECEPARTS.COM

ALL DUTIES AND TAXES ARE PAID BY THE CUSTOMER ON INTERNATIONAL ORDERS.

TERMS ARE AVAILABLE UPON REQUEST. THE COMPLETION OF OUR CREDIT APPLICATION AND CREDIT APPROVAL IS REQUIRED BEFORE ANY ORDER CAN BE SHIPPED OUT ON TERMS.

RETURNS: A 25% RESTOCKING FEE MAY BE APPLIED TO RETURNS.

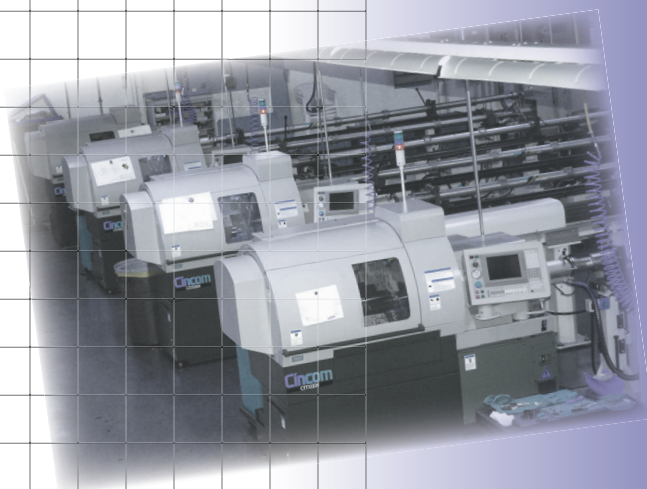
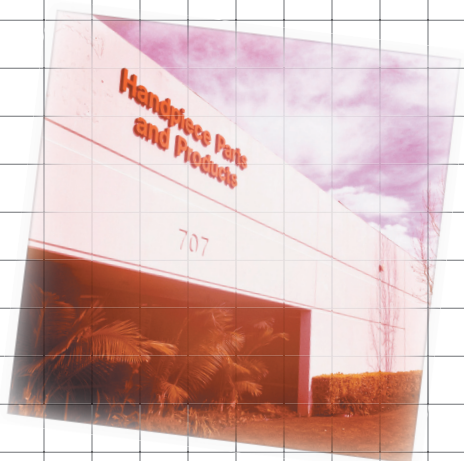
WARRANTIES

PARTS MANUFACTURED BY HPP CARRY A SIX (6) MONTH WARRANTY AGAINST MATERIAL DEFECTS AND WORKMANSHIP. ITEMS MANUFACTURED BY 3RD PARTY COMPANIES THAT ARE RE-SOLD BY HPP CARRY THE ORIGINAL MANUFACTURER'S WARRANTY.

PRICING

ALL PRICING MAY BE CHANGED BY US WITHOUT NOTICE IN ORDER TO REFLECT ANY INCREASE IN TRANSPORTATION, LABOR, MATERIAL, OR OTHER COSTS. WE RESERVE THE RIGHT TO CORRECT ANY OBVIOUS ERRORS IN SPECIFICATIONS OR PRICING. ALL SALES ARE IN US FUNDS, FOB ORANGE, CA USA.





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