

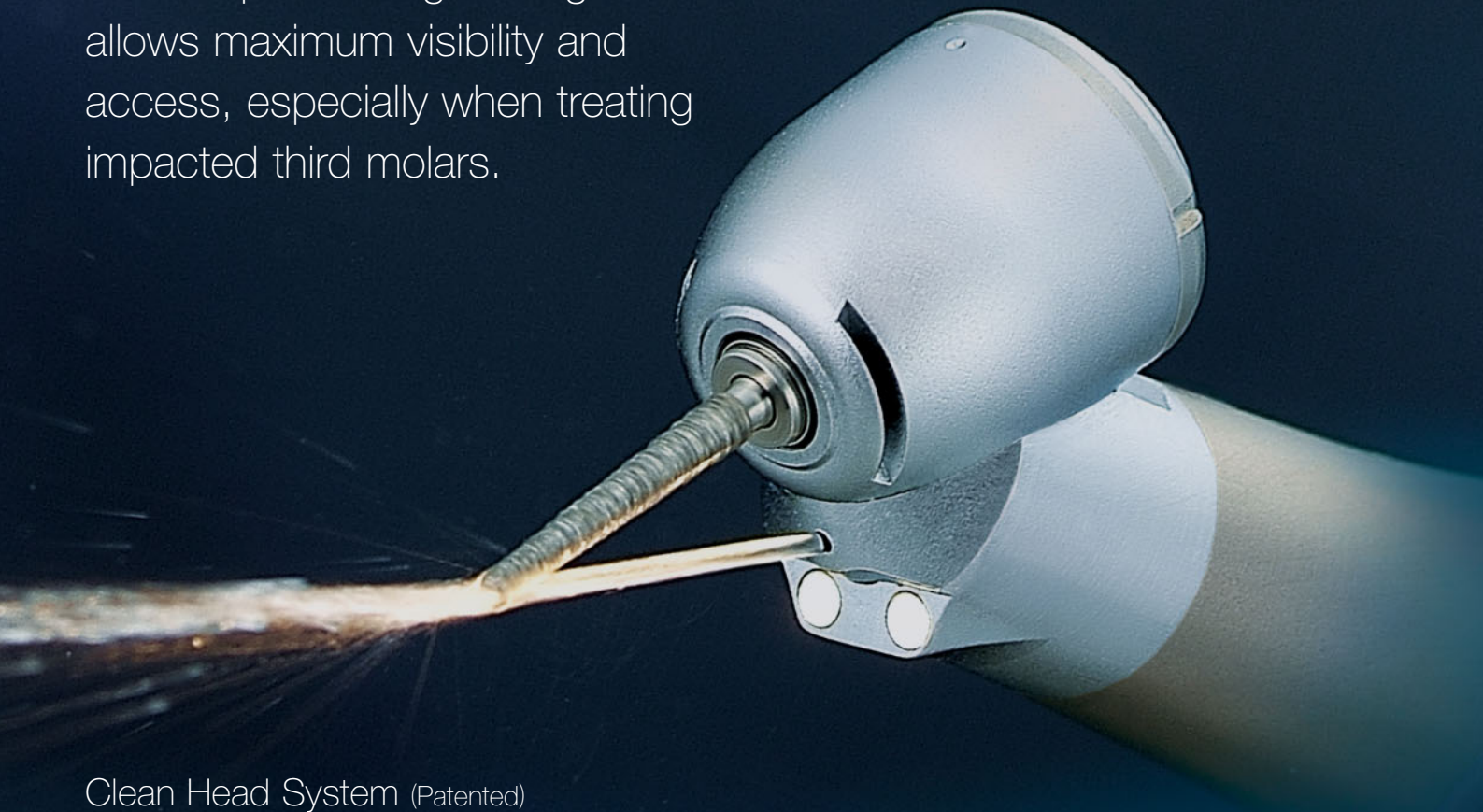
45°ANGLE HEAD SERIES FROM NSK
OPTIC HIGH SPEED HANDPIECES

NSK

PTL45 / AKL / ASL / AWL / ABL

illuminated for better vision and greater precision

The unique 45-degree angle head allows maximum visibility and access, especially when treating impacted third molars.



Clean Head System (Patented)



NSK Clean Head system comprises a simple non-retraction mechanism specially designed to prevent internal contamination of the handpiece by entry of oral fluids and other minute foreign substances. The anti contamination effect is a consequence of the instant pressure change within the handpiece head when the turbine stops rotating. NSK Clean Head System also acts to increase the durability of the bearings as dust, generated when drilling, cannot enter the turbine.

Ceramic Bearing Technology



Ceramic material is 25% harder and 50% lighter than stainless steel. These facts account for the dramatic reduction of bearing friction, resulting in a noticeably quieter handpiece with reduced vibration and a significantly extended bearing life.



Powerful Partners®

PHATELUS 45

Optic



Phatelus 45 delivers stream of water (not a spray) directed to the tip of the bur. The handpiece design prevents air flow into the work site as all air is exhausted at the rear of the handpiece.

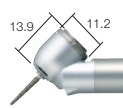
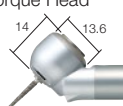
Features

- Stainless Steel Body
- 45° Angle Head
- Ceramic Bearings
- Clean Head System
- Ultra Push Chuck
- Water Jet (not a mist)
- In-surgery replacement turbine cartridge



NSK Coupling PTL-CL-4HV



COUPLING TYPE		NSK
Standard Head 	MODEL	PTL45-SU
	ORDER CODE	P635
	SPEED	Max Speed 450,000 min ⁻¹
Torque Head 	MODEL	PTL45-TU
	ORDER CODE	P639
	SPEED	Max Speed 400,000 min ⁻¹

Ti-Max 45 TITANIUM

Optic



By selecting solid titanium for the body construction of 450L handpiece series, NSK is able to produce lightweight, strong and highly durable handpieces. For added convenience and economy, NSK offers the 450L series handpieces to couple directly to the NSK coupling, plus to also couple directly to the couplings of the other 4 main brands.

Features

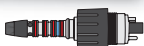
- Solid Titanium Body*
- 45° Angle Head
- Ceramic Bearings
- Clean Head System
- Ultra Push Chuck
- Water Jet (not a mist)
- In-surgery replacement turbine cartridge



KaVo® MULTiflex LUX®



Sirona® Quick Coupling



W&H® Roto Quick®



Bien-Air® Unix®



	COUPLING TYPE	KaVo®	Sirona®	W&H®	Bien-Air®
Standard Head 	MODEL	AK450L	AS450L	AW450L	AB450L
	ORDER CODE	P207	P225	P217	P219
	SPEED	Max Speed 450,000 min ⁻¹			
Torque Head 	MODEL	AK455L	AS455L	AW455L	AB455L
	ORDER CODE	P208	P226	P218	P220
	SPEED	Max Speed 400,000 min ⁻¹			

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Spare Parts



■ Cartridge for Standard Head
MODEL : NCH-SU03
ORDER CODE : P041



■ Cartridge for Torque Head
MODEL : NCH-TU03
ORDER CODE : P042

* Only external sheath component is titanium.



All NSK handpieces are built to have excellent durability against repeated autoclaving at temperatures of 135°C.

NSK

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Expect Perfection®

Specifications are subject to change without notice.