

Touareg CloseFit™

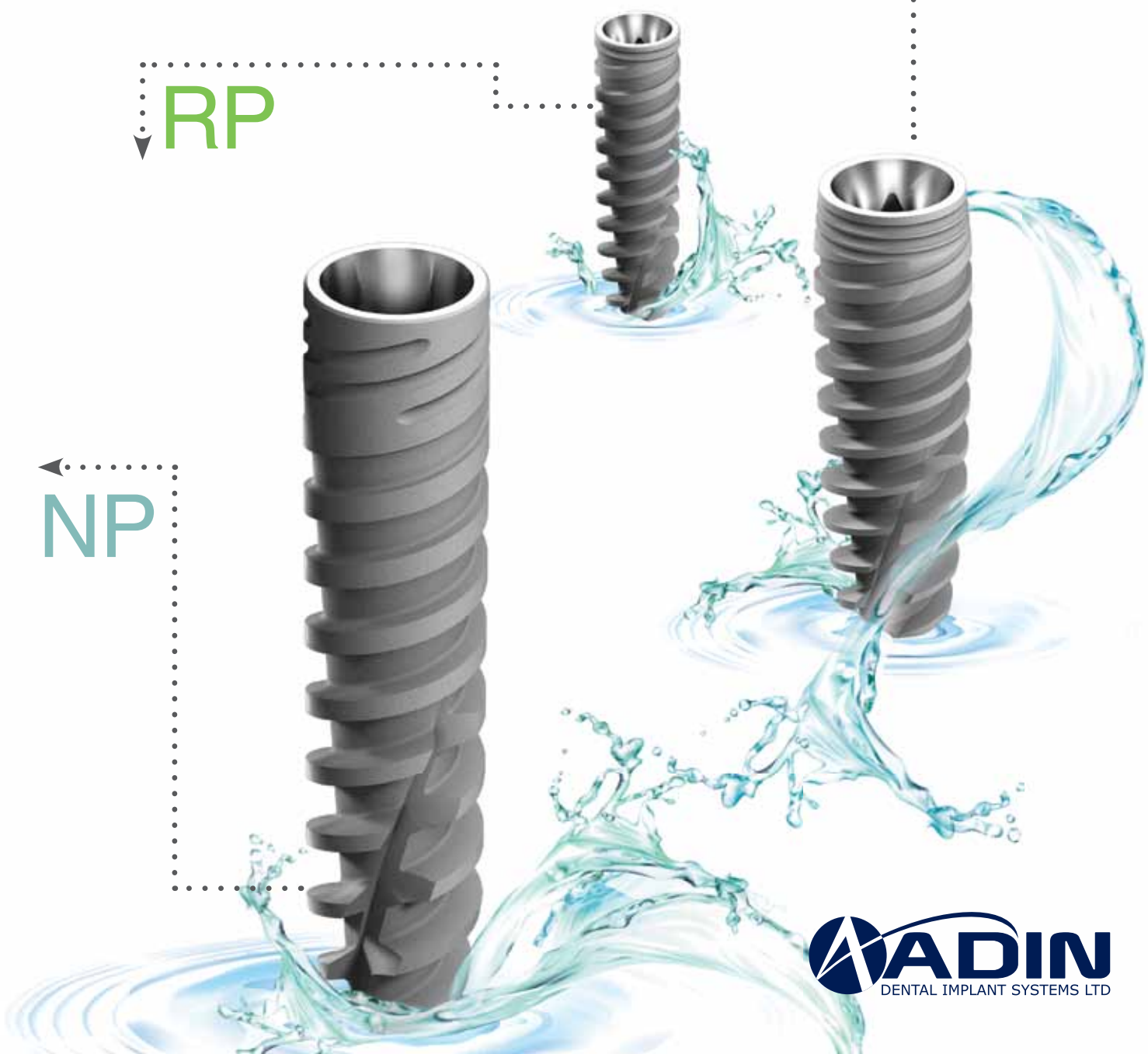
Spiral Implant System

The Perfect Recipe for Success

◀
WP

.....
↓ **RP**

◀
NP





ABOUT ADIN

ADIN Dental Implant Systems Ltd., designs, manufactures and markets state of the art, technologically advanced dental implants solutions. For over 20 years, ADIN has provided dentists and dental technicians with innovative solutions and advanced knowledge into the field of Implant Dentistry. Located in Northern Israel, The ADIN group employs over 150 employees, each one playing a significant role in ADIN's growing success. ADIN highly values each hard working employee and attributes its growing success to their continuous dedication.

Over the years, ADIN has continuously focused on advancing its highly professional research and development team to ensure the production of technologically advanced high quality products. ADIN has also worked closely with the industry's leading dental professionals, surgeons, technicians, in both private and public sectors, along with dental schools in leading universities in order to provide customers with the most current, up-to-date industry knowledge and information.

ADIN prides itself on providing excellent customer service, constant customer communication and availability to provide continuous excellent implantology solutions, from the simplest restorative case to the most complex surgical case.

ADIN's commitment to education today reflects on a better future and improving overall customer satisfaction. ADIN highly values continuous education, offering customers new research opportunities to explore and review new ideas in the field of Implantology.

Currently, ADIN is running a prospective multi-center study to validate the survival rates, bone remodeling, and soft tissue maintenance of all dental implant systems.

With high quality implants, great customer service and a leading research and development team, ADIN is the perfect recipe for success.

The Touareg CloseFit™ Spiral Implant System offers a unique, strong and solid conical-hex connection. The conical-hex connection enables implants to be used in all indications and regions in the lower and upper jaw. The Morse Taper connection minimizes micro movements between the implant and abutment.

Touareg CloseFit™ Spiral Implant System is tapered core implants with a spiral tap, promoting immediate stability. With their unique tip and double lead thread (2x1.2mm) design, these implants slice through bone unlike conventional self-tapping implants, which scrape the bone away as they tap. By repositioning bone as it is being inserted, Touareg CloseFit™ implants can be placed at different angles for exceptional primary stability and optimal restorative orientation, along with improved esthetics with a better loading distribution. All Touareg CloseFit™ implants feature the OsseoFix™ surface treatment. OsseoFix™ is a pure titanium implant surface that uses calcium phosphate, a biocompatible resorbable blast media that is debris free and has proven to achieve the desired roughness levels needed for optimal osseointegration, increase the success rate of Bone to Implant Contact (BIC) and attain the highest implant surface purity levels. The chemical composition of the OsseoFix™ surface is enriched with Calcium, Phosphor and Oxygen. The surface is biocompatible and osseoconductive.

OsseoFix™ Surface ADVANTAGES:

- Biocompatible resorbable material creating a pure and clean surface texture
- Faster healing process
- Increases optimal osseointegration
- Increases long term success

Touareg CloseFit™ ADVANTAGES:

- High primary stability, also in Type IV bone
- Self-drilling, self-cutting
- Double lead threads (2x1.2mm)
- Redirecting capability for more accurate implant placement
- Built-in platform switching and a strong CloseFit™ connection
- Requires minimally invasive surgery
- Immediate function capability in all bone types

The Touareg CloseFit™ is available in three different implant platform diameters:



*The collar of the WP (4.3mmD and 5.0mmD) implants is back-beveled.

TOUAREG™ NP 3.0mmD

Narrow Platform Implant System



The Touareg™ NP is a uniquely designed implant with an especially narrow body and a 3.0mm prosthetic platform diameter. The strong and solid conical-hex CloseFit™ Morse Taper connection enables this implant to be used in the lower and upper jaw. Six months of extensive pre-launch activities with the Touareg™ NP validated the protocols developed for using Touareg™ NP in all surgical applications. Surgical protocols updated, based on clinician's feedback from pre-launch activities, confirm that the Touareg™ NP surgical products and protocols are effective in complex surgical situations, such as immediate extractions and Immediate Function.

Touareg™ NP

Available Lengths	Ref. No.
L-10 mm	ISP-NP-1030
L-11.5 mm	ISP-NP-1130
L-13 mm	ISP-NP-1330
L-16 mm	ISP-NP-1630
L-18 mm	ISP-NP-1830

Touareg™ NP 3.0mmD Assortment Overview

(For additional items please refer to ADIN's Product Catalog)

Healing Abutment

	NP - 0047	NP Slim Healing Abutment 3mmL X 3mmD
	NP - 0048	NP Slim Healing Abutment 4mmL X 3mmD
	NP - 0008	NP Healing Abutment 3mmL X 4.5mmD
	NP - 0009	NP Healing Abutment 4mmL X 4.5mmD

Cement Retained

	NP - 0010	NP CloseFit Straight Slim Abutment - No End Line
	NP - 0019	NP CloseFit Straight Abutment 1mm
	NP - 0015	NP CloseFit Angled Abutment 15° 1mm
	NP - 0026	NP CloseFit Angled Abutment 15° 2mm
	ZA - 0105	NP Straight Zirconium Abutment W/Hex Base
	ZA - 0107	NP 15° Zirconium Abutment W/Hex Base

Screw Retained

	NP - 0032	NP Trans Mucosal Abutment 1mm w/ screw
	NP - 0033	NP Trans Mucosal Abutment 2mm w/ screw
	NP - 0035	NP Angled Trans Mucosal Abutment 17° L=1.35mm
	NP - 0036	NP Angled Trans Mucosal Abutment 30° L=1mm
	RS - 4900	TMA Titanium Temporary Copying
	RS - 5006	TMA Impression Coping Open Tray
	RS - 5011	TMA Closed Tray Transfer
	NP - 0021	NP Ball Attachment 1mm
	RS - 2660	Plastic Ball Cap White
	RS - 2670	Titanium Ball Cap

TOUAREG™ RP 3.5mmD

Regular Platform Implant System



The Touareg™ RP is a standard 3.5mmD platform implant that features the unique, strong and solid conical-hex CloseFit™ Morse Taper connection with the OsseoFix™ surface treatment. The Touareg™ RP can be used in all indications, in all regions on the lower and upper jaw.

Touareg™ RP

Available Lengths	Ref. No.
L-8 mm	ISP-X-0835
L-10 mm	ISP-X-1035
L-11.5 mm	ISP-X-1135
L-13 mm	ISP-X-1335
L-15 mm	ISP-X-1535
L-18 mm	ISP-X-1835

Touareg™ RP 3.5mmD Assortment Overview

(For additional items please refer to ADIN's Product Catalog)

Healing Abutment

	RP - 0047	RP Slim Healing Abutment 3mmL x 3.5mmD
	RP - 0048	RP Slim Healing Abutment 4mmL x 3.5mmD
	RP - 0023	RP Healing abutment 3mmL x 4.5mmD
	RP - 0024	RP Healing Abutment 4mmL x 4.5mmD

Cement Retained

	RP - 0020	RP Closefit Straight Slim Abutment - No End Line
	RP - 0012	RP Closefit straight Abutment 1mm
	RP - 0013	RP Closefit Angled Abutment 15° 1mm
	RP - 0014	RP Closefit Angled Abutment 15° 2mm
	ZA - 0214	RP Straight Zirconium Abutment W/Hex Base
	ZA - 0207	RP 15° Zirconium Abutment W/Hex Base

Screw Retained

	RP - 0032	RP Straight Trans Mucosal Abutment 1mm
	RP - 0033	RP Straight Trans Mucosal Abutment 2mm
	RP - 3734	RP Angled Trans Mucosal Abutment 17° 2.5mm
	RP - 3735	RP Angled Trans Mucosal Abutment 30° 3mm
	RS - 4900	TMA Titanium Temporary coping
	RS - 5006	TMA Impression Coping Open Tray
	RS - 5011	TMA Closed Tray Transfer
	RP - 0052	RP Ball Attachment 1mm
	RS - 2660	Plastic Ball Cap White
	RS - 2670	Titanium Ball Cap

TOUAREG™ WP 4.3mmD/ 5.0mmD

Wide Platform Implant System



The Touareg™ WP is a uniquely designed wide platform implant available in 4.3mm and 5.0mm platform diameter. The strong and solid conical-hex CloseFit™ connection enables these implants to be used in all indications in all regions on the lower and upper jaw.

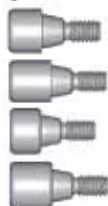
The collars of the WP 4.3mmD and 5.0mmD implants are back-beveled.

Touareg™ WP Available Lengths	4.3mmD Ref. No.	5.0mmD Ref. No.
L-8 mm	ISP-X-0843	ISP-X-0849
L-10 mm	ISP-X-1043	ISP-X-1049
L-11.5 mm	ISP-X-1143	ISP-X-1149
L-13 mm	ISP-X-1343	ISP-X-1349
L-15 mm	ISP-X-1543	ISP-X-1549
L-18 mm	ISP-X-1843	ISP-X-1849

Touareg™ WP 4.3mmD and 5.0mmD Assortment Overview

(For additional items please refer to ADIN's Product Catalog).

Healing Abutment



WP-0047	WP Slim Healing Abutment 3mmL x 4mmD
WP-0048	WP Slim Healing Abutment 4mmL x 4mmD
WP-0023	WP Healing Abutment 3mmL x 5.5mmD
WP-0024	WP Healing Abutment 4mmL x 5.5mmD

Cement Retained



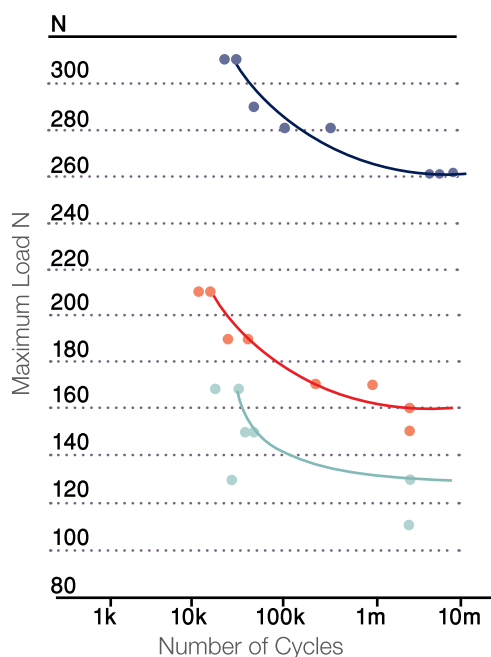
WP-0020	WP CloseFit Straight Slim Abutment - No End Line
WP-0012	WP CloseFit Straight Abutment 1mm
WP-0013	WP CloseFit Angled Abutment 15° 1mm
WP-0014	WP CloseFit Angled Abutment 15° 2mm
ZA-0314	WP Zirconium Abutment W/Hex Base
ZA-0307	WP 15° Zirconium Abutment W/Hex Base

Screw Retained



WP-3731	WP Trans Mucosal Abutment 1mm
WP-3732	WP Trans Mucosal Abutment 2mm
WP-3734	WP Angled Trans Mucosal Abutment 17° 2.5mm
WP-3735	WP Angled Trans Mucosal Abutment 30° 3mm
RS-4900	TMA Titanium Temporary Copying
RS-5006	TMA Impression Coping Open Tray
RS-5011	TMA Closed Tray Transfer
WP-0052	WP Ball Attachment 1mm
RS-2660	Plastic Ball Cap White
RS-2670	Titanium Ball Cap

High Fatigue Strength



- Fatigue test data points
- Fatigue strength curve: ADIN's Touareg™ NP 3.0 mmD
- Fatigue strength curve: NobelActive™ 3.0
- Fatigue strength curve: Astra Tech 3.0S

Fatigue strength is the maximum force an implant/abutment structure can survive for at least five million cycles. ADIN uses a protocol for fatigue strength testing according to ISO 14801 that is accepted by many regulatory agencies including FDA and Notified Bodies (CE). Fatigue strength results are presented below.

ADIN's Touareg™ NP 3.0mmD implant achieved very high fatigue strength results of 260 N, which is much higher than NobelActive™ 3.0 at 160 N and Astra Tech 3.0 at 130 N.

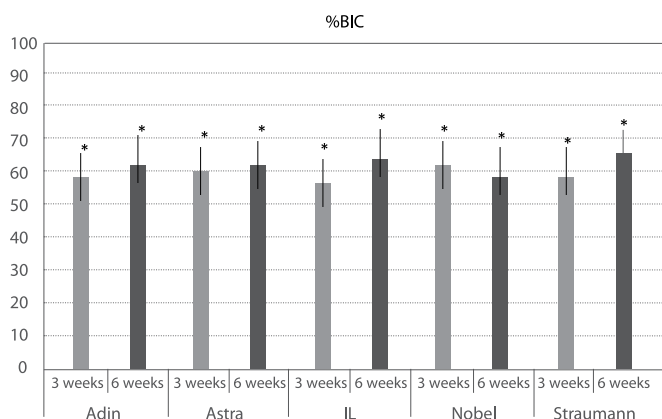
ADIN's Touareg™ NP 3.0mmD is the most successful and leading high quality Narrow Platform Implant.

Nobel and Astra data was taken directly from Nobel Biocare's NobelActive 3.0 brochure.

* All tests were conducted using "worst case" scenarios, using the narrowest implant, Touareg™ NP 3.0mmD.

Histology of a Touareg™ NP Implant and BIC

3 Weeks In-Vivo Model



Histologic section of a Touareg™ NP implant at early implantation stage (3 weeks in vivo in a laboratory model). Note the new bone formation (darker staining) in a continuous structure with bone assuring the bone-implant mechanical competence. Preliminary histomorphometric data from laboratory in vivo experiments has demonstrated high degrees of bone-to-implant contact (graph) through new bone formation.

In a comparative current study, in vivo in lab (18 beagles, n=6 per time in vivo), conducted by one of the leading research institutes, comparing ADIN OsseoFix™, Astra Osseospeed™, Straumann SLA™, Intra-Lock Ossean™, and NobelActive TiUnite™, the Touareg CloseFit™ with OsseoFix™ surface achieved very high values (one of the highest). See above figure (Data on file).

Torque Strength

ADIN's Touareg CloseFit™ Implant System was designed with high torque strengths to avoid any fractures at the implant/prosthetic interface connection. The unique CloseFit™ conical-hex connection, along with the strong retaining screw, can sustain high implant torque strength.

ADIN Dental Implant Systems is committed to thoroughly researching, testing, and documenting its products and restorative solutions to insure their safety and efficacy, prior to entering the market. Our commitment is proven by clinical follow-up data with documented results, pre-clinical and clinical testing, pre-launch activities, post market surveillance data, clinician questionnaires and advisory board reviews.

* Astra Tech and OsseoSpeed are trademarks of AstraTech Group. NobelActive is a trademark of Nobel Biocare.



www.adin-implants.com

MKT-BCLS-EN-0713-R4

ADIN products meet and exceed the highest standards set by the FDA and other regulatory agencies. All ADIN products are CE-marked in accordance with the Council Directive 93/42/EEC. ADIN Dental Implant Systems Ltd. complies with ISO13485:2003 and the Canadian Medical Devices Conformity Assessment System (CMDCAS). Some products may not be regulatory cleared/released for sale in all markets and not all may have been licensed in accordance with Canadian law. Please contact the local ADIN sales office for current product assortment and availability.



Industrial Zone Alon Tavor POB 1128
Afula 1811101, Israel

T. +972-4-6426-732
F. +972-4-6426-733

info@adin-implants.com
EC REP Adin Europe GmbH
Siemandsstraße 10 DE - 78564 Wehingen



0 4 7 3