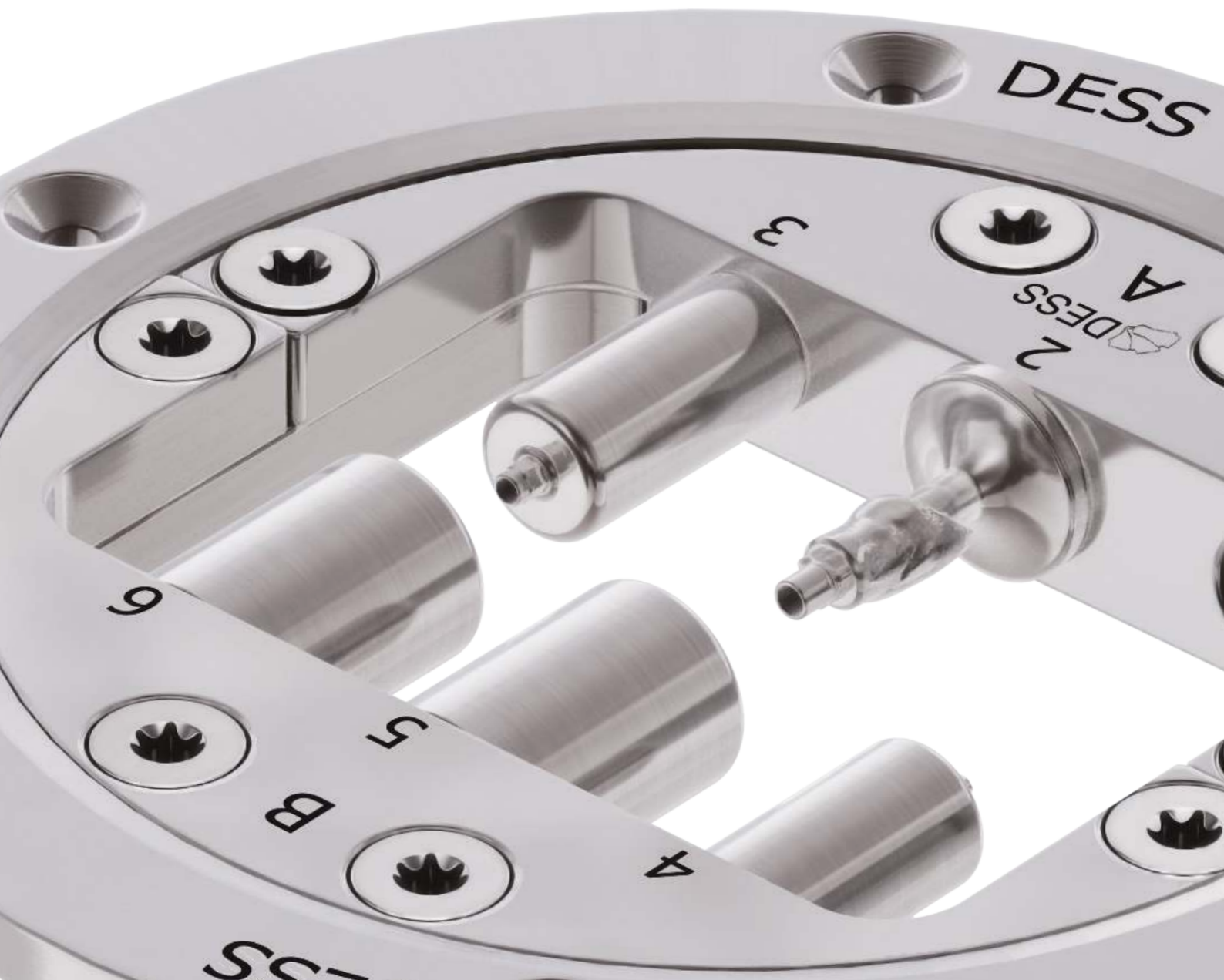




# PRE-MILLED ABUTMENTS COMPLETE SOLUTIONS





# DESS PRE-MILLED BLANKS AND HOLDERS SOLUTION

GET BETTER WITH DESS

PRE-MILLED BLANKS  
IN TITANIUM AND COBALT-CHROME  
FOR MOST OF THE IMPLANT BRANDS

HOLDER SYSTEMS  
FOR IMES-ICORE®, VHF®  
ZIRKONZAHN®, YENADENT® AND ANY  
MACHINE WITH  
STANDARD 98 MM DISC HOLDER



Back in 2012 DESS produced the first pre-milled blanks but the market was not ready then yet.

In the recent years, however, both in-house milling machines and the cad cam softwares have improved and made feasible the in-house production of customised abutments using these solution.

So now DESS offers a full assortment of Titanium grade V and Cobalt Chrome pre-milled blanks and optimise the milling process with the known quality of the DESS standard abutments.

The blanks works together with holder systems specially developed for Imes-Icore<sup>®</sup> VHF<sup>®</sup> machines, ZirkonZahn<sup>®</sup> wet mill, Yenadent<sup>®</sup> and a universal holder for any other machine that use standard 98 mm discs.



**DESS becomes the reference again when it comes to dental CAD CAM solutions**

The DESS proprietary holder system has several advantages to other solutions:

Quick "screw-on" system where the pre-milled blanks are attached to the subholder outside the machine and then placed in the holder that remains in the machine.

Much cleaner and faster.

Also, due to the unique way of "pull down and lock" holding system per pre-milled blank, the maximum precision and stability during the milling process is achieved.

Pre-milled socket positions and sub-holders are laser identified to better ensure what is where and optimise the milling process.

## The pre-milled blanks are a reference of a wise and reliable solution:

A total millable length of 20 mm makes it one of the longest in the market.

Two diameters:  
10mm / 14mm for Titanium  
14 mm for Cobalt-Chrome

Minimal gingival transition height, just 0,3 mm to allow a maximum degree of design freedom.



“Pull down and lock” holding system. Developed by DESS back in 2012, allows a strong and precise positioning of the pre-milled blank inside its socket

The superb quality and fitting connection to implant, trademark of DESS for almost 10 years.

The materials used are the finest Titanium Grade V ELI (extra low interstitial) or also called Grade 23, and the exclusive Micro Melt Cobalt-Chrome.

This Cobalt-Chrome alloy has several advantages to others available to the market. First of all it has no internal tension so however radical the design is, the final custom abutment will preserve the shape along the process and result in less risk for ceramic cracks.

This alloy is also easier to mill than other Cobalt-Chrome solutions which will preserve your tools. Last but not least we can provide you with the exact thermal expansion coefficient to assure the highest level of quality on your final work.



**Pre-milled Ti**

ref. 61.xxx 10mm

ref. 62.xxx 14mm



**Pre-milled CoCr**

ref. 71.xxx

## PRE-MILLED

Titanium and CoCr Blanks allow the creation of one-piece customized abutments using in-house milling equipment. High quality as well as an accurate connection fit is guaranteed.

Today's CAD/CAM technology offers various possibilities to save both,

**time  
and costs,**

optimising the work-flow from the intra-oral scan, to designing and milling the single crown; without the necessity of preparing a working model.

The flexibility to choose from different implant connections and platforms is another advantage when preferring to work with DESS pre-milled titanium and Cobalt-Chrome blanks.

DESS pre-milled abutments are also included in the softwares of Hyperdent, WorkNC, Sum3D and now also available in Dental Softworks

## Active Hex

NobelActive® NobelReplace® CC



		3.0	NP PURPLE 3.5	RP YELLOW 4.3-5.0	WP
Ti	∅10mm	61.017	61.018	61.019	61.042
Ti	∅14mm		62.018	62.019	
CoCr	∅14mm	71.017	71.018	71.019	71.042

## Tri-Lobe

Nobel Replace Select™



			PURPLE 3.5	YELLOW 4.3	BLUE 5.0	6.0
Ti	∅10mm	61.004	61.005	61.006	61.097	
CoCr	∅14mm	71.004	71.005	71.006	71.097	

## External Hex Universal

NobelBranemark®



			3.5	4.1	5.1
Ti	∅10mm	61.001	61.002	61.003	
CoCr	∅14mm	71.001	71.002	71.003	

## External Hex USA

3i Osseotite®



			PURPLE 3.4	BLUE 4.1	YELLOW 5.0
Ti	∅10mm	61.011	61.012	61.013	
CoCr	∅14mm	71.011	71.012	71.013	

## Internal Hex "CLICK"

3i Certain®



			PURPLE 3.4	BLUE 4.1	YELLOW 5.0
Ti	∅10mm	61.014	61.015	61.016	
CoCr	∅14mm	71.014	71.015	71.016	

## Octagon

Straumann® Soft Tissue Level & synOCTA®



			NP NNC 3.5	RP RN 4.8	WP WN 6.5
Ti	∅10mm	61.070	61.009	61.045	
Ti	∅14mm		62.009	62.045	
CoCr	∅14mm	71.009	71.045		

## Conical BL

Straumann® Bone Level



			NC 3.3	RC 4.1
Ti	∅10mm	61.043	61.044	
Ti	∅14mm	62.043	62.044	
CoCr	∅14mm	71.043	71.044	

## Internal Hex USA

Zimmer Screw-vent®



			GREEN 3.5	PURPLE 4.5	YELLOW 5.7
Ti	∅10mm	61.017	61.018	61.019	
	∅14mm	62.017			
CoCr	∅14mm	71.017	71.018	71.019	

## Conic EVO

Astra Tech Implant System™ EV



			PURPLE 3.6	YELLOW 4.2	BLUE 4.8
Ti	∅10mm	61.059	61.060	61.061	
CoCr	∅14mm	71.059	71.060	71.061	

## Internal Hex Conic

Astra Tech Osseospeed™



			AQUA 3.5-4.0	LILAC 4.5-5.0
Ti	∅10mm	61.024	61.025	
CoCr	∅14mm	71.024	71.025	

## Internal Hex FD

Dentsply friadent® XIVE®



			3.3	NP	RP	WP
			SILVER 3.4	YELLOW 3.8	BLUE 4.5	
Ti	∅10mm		61.038	61.039	61.040	
CoCr	∅14mm		71.038	71.039	71.040	

## Internal ANK

Ankylos® C/X



Ti	∅10mm		61.250*			
CoCr	∅14mm		71.250*			

\*available only  
in 3mm height

## Conic OSS

Osstem® TS



				YELLOW MINI	GREEN REGULAR
Ti	∅10mm			61.072	61.073
CoCr	∅14mm			71.072	71.073

## Internal CAM

Camlog®



			SILVER 3.3	YELLOW 3.8	PINK 4.3	BLUE 5.0
Ti	∅10mm		61.064	61.065	61.066	61.067
CoCr	∅14mm		71.064	71.065	71.066	71.067

## Internal CON

Conelog®



				3.3	3.8	5.0
Ti	∅10mm		61.074	61.075	61.076	
CoCr	∅14mm		71.074	71.075	71.076	

## External Hex BH

Biohorizons®



			NP	RP	WP
				GREEN 4.2	BLUE 5.2
Ti	∅10mm			61.021	61.022
CoCr	∅14mm			71.021	71.022

## Internal Hex MI

MIS® Seven



				PURPLE STD	GREEN WIDE
Ti	∅10mm		61.017		61.018
CoCr	∅14mm		71.017		71.018

## Conic ANYR

Megagen AnyRidge®



Ti	∅10mm				61.057
CoCr	∅14mm				71.057

## Conic DENT

Dentium Superline™ & Implantium®



				3.8
Ti	∅10mm		61.090	
CoCr	∅14mm		71.090	

## Blocks



Ti	∅15mm x L 20 mm		63.020
Ti	∅15mm x L 40 mm		63.040

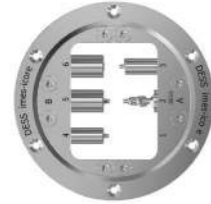
# HOLDERS



## for standard 98mm disc machines

Any milling machine with a 98 mm disc holder

HLDSTD



## for Imes-Icore® machines

Coritec 245i touch  
Coritec 250i touch  
Coritec 350i / Coritec 350i Loader  
Coritec 450i  
Coritec 550i  
Coritec 650i / Coritec 650i Loader

HLDIMES



## for VHF

VHF S1  
VHF S2  
VHF K5

HLDVHF



## for VHF R5

HLDVHFR5



## for VHF N4

HLDVHFN4



## for VHF Z4

HLDVHFZ4



## for machines with support/changer 3R Yenadent® D14P & others

Holders for machines with support/changer 3R Yenadent® D14P & other 20 positions machines

HLDYEN14P

## Adaptors for ZirkonZahn® holders



## Adaptors for ZirkonZahn® machines

M1 abutment  
M1 wet heavy metal  
M4 wet heavy metal  
M5 heavy metal  
M6 wet heavy metal

HLDZZ

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# DESS

> DENTAL SMART SOLUTIONS

