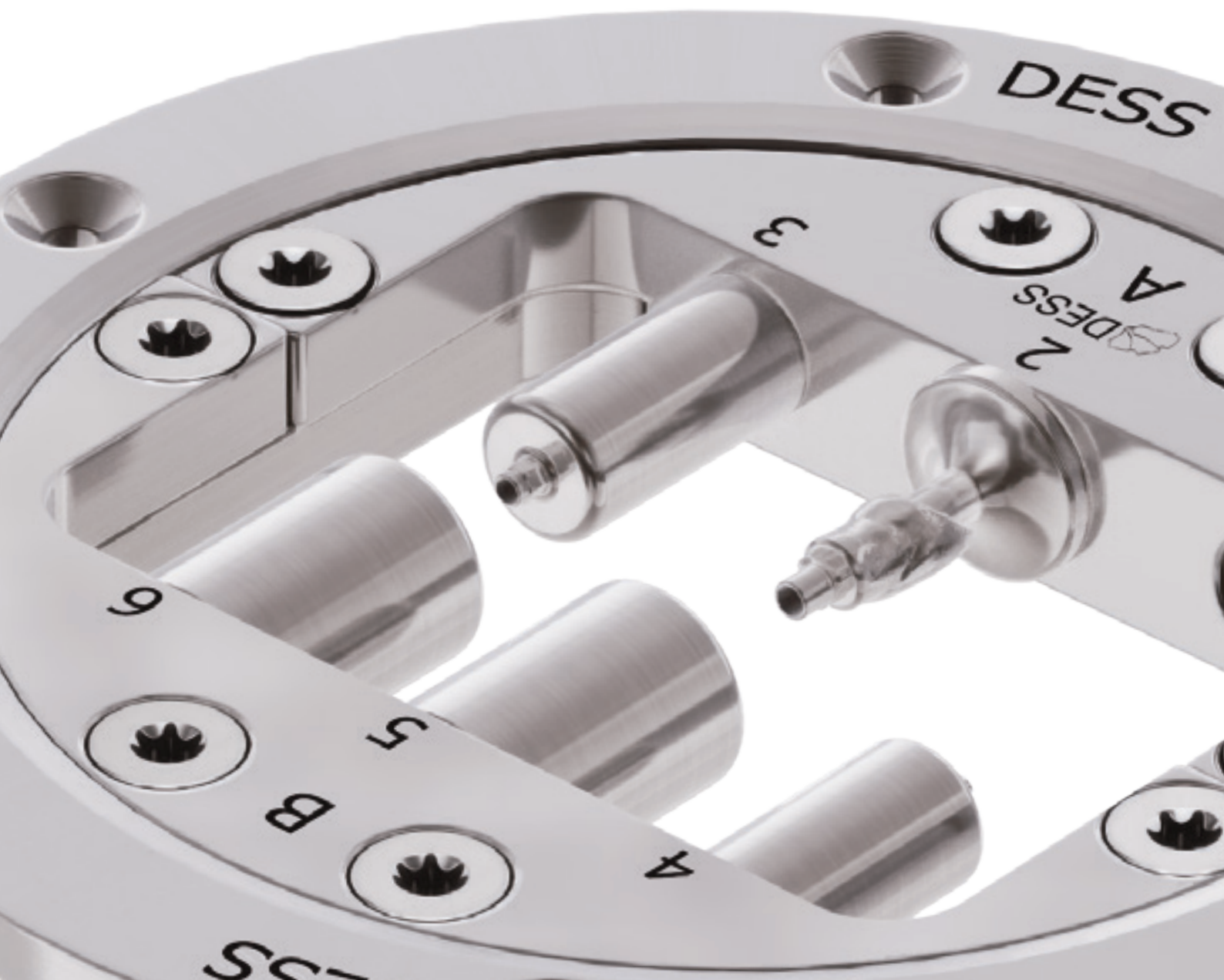




PRE-MILLED ABUTMENTS COMPLETE SOLUTIONS





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[®] VHF[®] machines, ZirkonZahn[®] wet mill, Yenadent[®] 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.

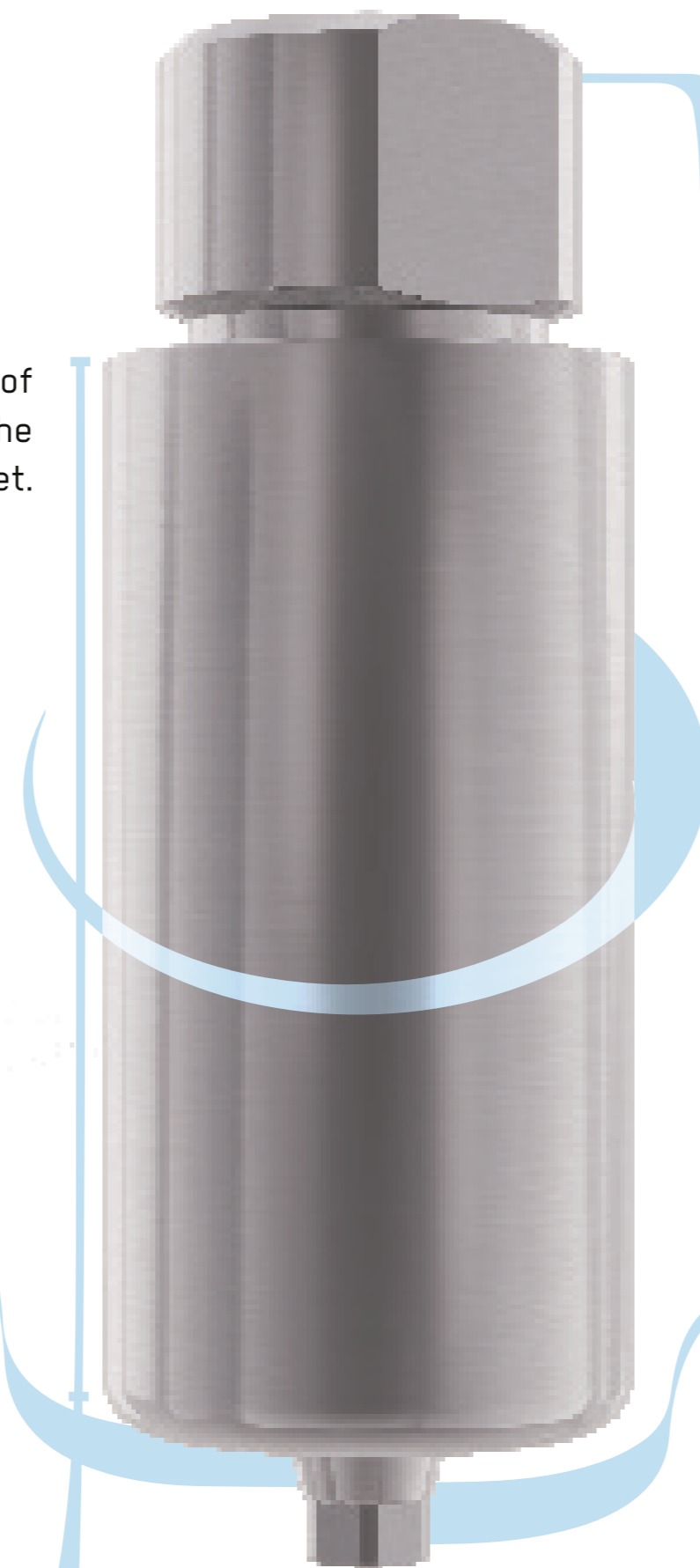
Pre-milled socket positions and sub-holders are laser identified to better ensure what is where and optimise the milling process.

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.

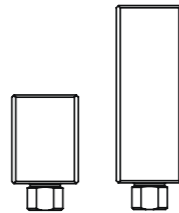
This alloy is also easier to mill than other Cobalt-Chrome solutions which will preserve your tools. Last but not least we can provide you with the exact thermal expansion coefficient to assure the highest level of quality on your final work.

Pre-milled Ti



ref. 61.xxx 10mm
ref. 62.xxx 14mm

Blocks



ref. 63.xxx

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 DENTAL SOFTWARES

Active Hex

NobelActive® NobelReplace® CC



			3.0	PURPLE 3.5	YELLOW 4.3-5.0	WP
Ti	∅10mm	61.068	61.041	61.042	61.069	
	∅14mm		62.041	62.042		
CoCr	∅14mm	71.068	71.041	71.042	71.069	

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		
	∅14mm		62.005	62.006	62.097		
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		
	∅14mm		62.015	62.016		
CoCr	∅14mm	71.014	71.015	71.016		

Octagon

Straumann® Soft Tissue Level & synOCTA®



				NP 3.5	RP 4.8	WP 6.5
Ti	∅10mm	61.070	61.009	61.045		
	∅14mm		62.009	62.045		
CoCr	∅14mm	71.070	71.009	71.045		

Conical BL

Straumann® Bone Level



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

Internal Hex USA

Zimmer Abutmentschrauben-vent®



				GREEN 3.5	PURPLE 4.5	YELLOW 5.7
Ti	∅10mm	61.017	61.018	61.019		
	∅14mm	62.017	62.018	62.019		
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		
	∅14mm	62.059	62.060	62.061		
CoCr	∅14mm	71.059	71.060	71.061		

Internal Hex Conic

Astra Tech Osseospeed™



				NP 3.0	AQUA 3.5-4.0	LILAC 4.5-5.0
Ti	∅10mm	61.023	61.024	61.025		
	∅14mm		62.024	62.025		
CoCr	∅14mm		71.024	71.025		

3.3 NP RP WP 5.5

Internal Hex FD

Dentsply friadent® XIVE®



		SILVER 3.4	YELLOW 3.8	BLUE 4.5	RED 5.5
Ti	∅10mm	61.038	61.039	61.040	61.071
	∅14mm		62.039	62.040	62.071
CoCr	∅14mm	71.038	71.039	71.040	71.071

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
	∅14mm		62.072	62.073
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
	∅14mm		62.065	62.066	62.067
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	
	∅14mm	71.074	71.075	71.076	
CoCr					

NP RP WP

External Hex BH

Biohorizons®



			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	61.095		61.096
CoCr	∅14mm	71.095		71.096

Conic ANYR

Megagen AnyRidge®



Ti	∅10mm			61.057
CoCr	∅14mm			71.057

CONIC IC

Medentis ICX®



Ti	∅10mm	61.080		
	∅14mm	62.080		
CoCr	∅14mm	71.080		

Conic DENT

Dentium Superline™ & Implantium®



			3.8
Ti	∅10mm	61.090	
CoCr	∅14mm	71.090	

Blocks



Ti	□15mm L 20 mm	63.020	
	□15mm L 40 mm	63.040	
CoCr	□15mm L 20 mm	73.020	
	□15mm L 40 mm	73.040	

Holders



for standard 98mm disc machines

Any milling machine with a 98 mm disc holder HLDSTD



for Imes-icore® machines

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



for VHF

VHF S1 HLDVHF
 VHF S2
 VHF K5



for VHF R5

HLDVHFR5



for VHF N4

HLDVHFN4



for VHF Z4

HLDVHFZ4



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

HLDYEN14P

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

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

