



DESS

LIBRARY GUIDE

FOR HYBRID ABUTMENTS, BRIDGES, BARS AND
PROSTHESIS

3SHAPE

EXOCAD

DENTAL WINGS

INS-o8-ENG-o8

04-09-2017

Use of DESS Abutments Library in CAD dental systems

DESS Scan Abutments allow scans on implant level or abutment level. This depends on the type of connection and custom impression or intraoral scan.

The choice of the appropriate library connection depends also on the design of the prosthesis to be milled. DESS Library allows restorations on DESS Titanium Interface, DESS AURUM Base™ or restorations to be screwed direct on Straumann® synOcta® abutment, Nobel Biocare Multi-unit® abutment or ASTRA UniAbutment®. Please note that in case of direct milling the connection is non-engaging only.

Depending on the CAD system, the library structure and connection names differ slightly from each other.

3Shape Dental System – implant level scan



For 3Shape Dental System on this level the following categories are available:

1. DESS TITANIUM INTERFACE – for restorations connected with the implant via the Titanium Interface. The scanning needs to be performed with the Scan Body for the specific implant connection. **Note:** This category includes parts **scanned from abutment level** - Multi-unit® abutment, UniAbutment® and synOcta® abutment - with its specific Scan Abutment (see Table 1.1).
2. DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE – for restorations connected with the transepithelial abutment via the Titanium interface. The scanning needs to be performed with the Scan Body for the specific **implant connection**. The desired Multi-unit® abutment or UniAbutment® will be mounted virtually in the CAD Dental System. Please note that in this case the interface closing line (between the prosthesis and interface chamfer) depends on the proper kit selection (abutment height in mm), (see Table 1.2).
3. DESS MULTIUNIT & UNIABUTMENT DIRECT – for restorations connected directly with the transepithelial abutment. The scanning needs to be performed with the Scan Body for the specific implant connection. The desired Multi-unit® abutment or UniAbutment® will be mounted virtually in the CAD Dental System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm), (see Table 1.3).
4. DESS AURUM base™ – for restorations connected with the implant via the AURUM Base. The scanning needs to be performed with the Scan Body for the specific implant connection. **Note:** This category includes parts **scanned from abutment level** - Multi-unit® abutment - with its specific Scan Abutment (see Table 1.4).

Take care to select the correct DESS Scan Abutment and the corresponding library file, as otherwise the milled prosthesis can differ from desired outcome and errors can occur, for example the level of interface settlement.

The tables on the following pages gives an overview of all DESS 3Shape Dental System library files.

Implant level scan

Abutment level scan

IMPLANT TYPE	PLATFORM	LIBRARY FILE "DESS TITANIUM INTERFACE"			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT			
BRÄNEMARK SYSTEM®	NP	DESS TITANIUM INTERFACE	DESS NOB BRK INTERFACE	NOB_BRK_NP_E 16.001	For Ti Interface engaging	50.001/52.001	14.001
				NOB_BRK_NP_NE 15.001	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS NOB BRK INTERFACE	NOB_BRK_RP_E 16.002	For Ti Interface engaging	50.002/52.002	14.002
				NOB_BRK_RP_NE 15.002	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS NOB BRK INTERFACE	NOB_BRK_WP_E 16.003	For Ti Interface engaging	50.003/52.003	14.003
				NOB_BRK_WP_NE 15.003	For Ti Interface non-engaging		
NOBEL REPLACE®	NP	DESS TITANIUM INTERFACE	DESS NOB RPL INTERFACE	NOB_RPL_NP_E 16.004	For Ti Interface engaging	50.004/52.004	14.004
				NOB_RPL_NP_NE 15.004	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS NOB RPL INTERFACE	NOB_RPL_RP_E 16.005	For Ti Interface engaging	50.005/52.005	14.005
				NOB_RPL_RP_NE 15.005	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS NOB RPL INTERFACE	NOB_RPL_WP_E 16.006	For Ti Interface engaging	50.006/52.006	14.006
				NOB_RPL_WP_NE 15.006	For Ti Interface non-engaging		
NOBEL ACTIVE™	NP	DESS TITANIUM INTERFACE	DESS NOB ACT INTERFACE	NOB_ACT_NP_E 16.041	For Ti Interface engaging	50.041/52.041	14.041
				NOB_ACT_NP_NE 15.041	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS NOB ACT INTERFACE	NOB_ACT_RP_E 16.042	For Ti Interface engaging	50.042/52.042	14.042
				NOB_ACT_RP_NE 15.042	For Ti Interface non-engaging		
STRAUMANN® SOFT TISSUE LEVEL	RN	DESS TITANIUM INTERFACE	DESS STR STL V INTERFACE	STR_STLV_RN_E 16.009	For Ti Interface engaging	50.009/52.009	14.009
				STR_STLV_RN_NE 15.046	For Ti Interface non-engaging		
	RN on synOcta®	DESS TITANIUM INTERFACE	DESS STR SYN INTERFACE	STR_SYN_RN_E 16.010	For Ti Interface engaging	50.010/52.010	14.010
				STR_SYN_RN_NE 15.010	For Ti Interface non-engaging		
	WN	DESS TITANIUM INTERFACE	DESS STR STL V INTERFACE	STR_STLV_WN_E 16.045	For Ti Interface engaging	50.045/52.045	14.045
				STR_STLV_WN_NE 15.045	For Ti Interface non-engaging		
	WN on synOcta®	DESS TITANIUM INTERFACE	DESS STR SYN INTERFACE	STR_SYN_WN_E 16.048	For Ti Interface engaging	50.048/52.048	14.046
				STR_SYN_WN_NE 15.048	For Ti Interface non-engaging		
STRAUMANN® BONE LEVEL	NC	DESS TITANIUM INTERFACE	DESS STR BLV INTERFACE	STR_BLV_NC_E 16.043	For Ti Interface engaging	50.043/52.043	14.043
				STR_BLV_NC_NE 15.043	For Ti Interface non-engaging		
	RC	DESS TITANIUM INTERFACE	DESS STR BLV INTERFACE	STR_BLV_RC_E 16.044	For Ti Interface engaging	50.044/52.044	14.044
				STR_BLV_RC_NE 15.044	For Ti Interface non-engaging		
ASTRA TECH™ OSSEOSPEED™	RP	DESS TITANIUM INTERFACE	DESS AST OSS INTERFACE	AST_OSS_Aqua_E 16.024	For Ti Interface engaging	50.024/52.024	14.024
				AST_OSS_Aqua_NE 15.024	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS AST OSS INTERFACE	AST_OSS_Lilac_E 16.025	For Ti Interface engaging	50.025/52.025	14.025
				AST_OSS_Lilac_NE 15.025	For Ti Interface non-engaging		
	UniAbutment®20°	DESS TITANIUM INTERFACE	DESS AST OSS INTERFACE	AST_OSS_UNIABUTMENT_20_NE 15.036	For Ti Interface non-engaging	50.036/52.036	14.036
				AST_OSS_UNIABUTMENT_45_NE 15.037	For Ti Interface non-engaging		
FRIADENT® XiVe®	NP	DESS TITANIUM INTERFACE	DESS DEN XIV INTERFACE	DEN_XIV_3.4_E 16.038	For Ti Interface engaging	50.038/52.038	14.038
				DEN_XIV_3.4_NE 15.038	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS DEN XIV INTERFACE	DEN_XIV_3.8_E 16.039	For Ti Interface engaging	50.039/52.039	14.039
				DEN_XIV_3.8_NE 15.039	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS DEN XIV INTERFACE	DEN_XIV_4.5_E 16.040	For Ti Interface engaging	50.040/52.040	14.040
				DEN_XIV_4.5_NE 16.040	For Ti Interface non-engaging		
ANKYLOS® C/X	All platforms, height GH1	DESS TITANIUM INTERFACE	DESS DEN ANK INTERFACE	DEN_ANK_E GH1 16.050	For Ti Interface engaging	50.049/52.049	14.048
				DEN_ANK_NE GH1 15.050	For Ti Interface non-engaging		
	All platforms, height GH2	DESS TITANIUM INTERFACE	DESS DEN ANK INTERFACE	DEN_ANK_E GH2 16.250	For Ti Interface engaging	50.049/52.049	14.048
				DEN_ANK_NE GH2 15.250	For Ti Interface non-engaging		
ZIMMER SCREW-VENT®	NP	DESS TITANIUM INTERFACE	DESS ZIM SCV INTERFACE	ZIM_SCV_NP_E 16.017	For Ti Interface engaging	50.017/52.017	14.017
				ZIM_SCV_NP_NE 15.017	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS ZIM SCV INTERFACE	ZIM_SCV_RP_E 16.018	For Ti Interface engaging	50.018/52.018	14.018
				ZIM_SCV_RP_NE 15.018	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS ZIM SCV INTERFACE	ZIM_SCV_WP_E 16.019	For Ti Interface engaging	50.019/52.019	14.019
				ZIM_SCV_WP_NE 15.019	For Ti Interface non-engaging		
MIS SEVEN®	3.0	DESS TITANIUM INTERFACE	DESS MIS SEV INTERFACE	MIS_SEV_RP_E 16.056	For Ti Interface engaging	50.056/52.056	14.056
				MIS_SEV_RP_NE 15.056	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS MIS SEV INTERFACE	MIS_SEV_RP_E 16.017	For Ti Interface engaging	50.017/52.017	14.017
				MIS_SEV_RP_NE 15.017	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS MIS SEV INTERFACE	MIS_SEV_WP_E 16.018	For Ti Interface engaging	50.018/52.018	14.018
				MIS_SEV_WP_NE 15.018	For Ti Interface non-engaging		
3i® OSSEOTITE®	NP	DESS TITANIUM INTERFACE	DESS 3i® OSS INTERFACE	NP_E 16.011	For Ti Interface engaging	50.011/52.011	14.011
				NP_NE 15.011	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS 3i® OSS INTERFACE	RP_E 16.012	For Ti Interface engaging	50.012/52.012	14.012
				RP_NE 15.012	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS 3i® OSS INTERFACE	WP_E 16.013	For Ti Interface engaging	50.013/52.013	14.013
				WP_NE 15.013	For Ti Interface non-engaging		
3i® OSSEOTITE® CERTAIN®	NP	DESS TITANIUM INTERFACE	DESS 3i® CER INTERFACE	3i_CER_NP_E 16.014	For Ti Interface engaging	50.014/52.014	14.014
				3i_CER_NP_NE 15.014	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS 3i® CER INTERFACE	3i_CER_RP_E 16.015	For Ti Interface engaging	50.015/52.015	14.015
				3i_CER_RP_NE 15.015	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS 3i® CER INTERFACE	3i_CER_WP_E 16.016	For Ti Interface engaging	50.016/52.016	14.016
				3i_CER_WP_NE 15.016	For Ti Interface non-engaging		
BIOHORIZONS®	NP	DESS TITANIUM INTERFACE	DESS BH EXT INTERFACE	BH_EXTERNAL_NP_E 16.051	For Ti Interface engaging	50.020/52.020	14.020
				BH_EXTERNAL_NP_NE 15.051	For Ti Interface non-engaging		
	RP	DESS TITANIUM INTERFACE	DESS BH EXT INTERFACE	BH_EXTERNAL_RP_E 16.052	For Ti Interface engaging	50.021/52.021	14.021
				BH_EXTERNAL_RP_NE 15.052	For Ti Interface non-engaging		
	WP	DESS TITANIUM INTERFACE	DESS BH EXT INTERFACE	BH_EXTERNAL_WP_E 16.053	For Ti Interface engaging	50.022/52.022	14.022
				BH_EXTERNAL_WP_NE 15.053	For Ti Interface non-engaging		
MULTI-UNIT®	RP	DESS TITANIUM INTERFACE	DESS MULTI-UNIT® INTERFACE	Multi_Unit_RP_NE 15.007	For Ti Interface non-engaging	50.007/52.007	14.007
	WP	DESS TITANIUM INTERFACE	DESS MULTI-UNIT® INTERFACE	Multi_Unit_WP_NE 15.054	For Ti Interface non-engaging	50.047/52.047	14.047

ASTRA TECH™ IMPLANT SYSTEM™ EV	EV 3.6	DESS TITANIUM INTERFACE	DESS AST EVO INTERFACE	AST_EVO_3.6_E 15.059	For Ti Interface engaging	50.059/52.059	14.059
				AST_EVO_3.6_NE 16.059	For Ti Interface non-engaging		
	EV 4.2	DESS TITANIUM INTERFACE	DESS AST EVO INTERFACE	AST_EVO_4.2_E 15.060	For Ti Interface engaging	50.060/52.060	14.060
				AST_EVO_4.2_NE 16.060	For Ti Interface non-engaging		
	EV 4.8	DESS TITANIUM INTERFACE	DESS AST EVO INTERFACE	AST_EVO_4.8_E 15.061	For Ti Interface engaging	50.061/52.061	14.061
				AST_EVO_4.8_NE 16.061	For Ti Interface non-engaging		
	Uniabutment	DESS TITANIUM INTERFACE	DESS AST EVO INTERFACE	AST_EVO_UNIABUTMENT_NE 15.058	For Ti Interface non-engaging	50.058/52.058	14.058

Table 1.1 DESS TITANIUM INTERFACE

IMPLANT TYPE	IMPLANT PLATFORM / TRANSEPIHELIAL ABUTMENT PLATFORM	LIBRARY FILE "DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE"			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT (Interface + virtual abutment)			
MULTI-UNIT® ON BRÄNEMARK SYSTEM®	NP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB BRK MULT PLUS INTER	NP 15007 + 40001-1 (1mm) NP 15007 + 40001-2 (2mm) NP 15007 + 40001-3 (3mm)	For Ti Interface on Multi- Unit®	50.001/52.001	14.001
	RP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB BRK MULT PLUS INTER	RP 15007 + 40002-1 (1mm) RP 15007 + 40002-2 (2mm) RP 15007 + 40002-3 (3mm) RP 15007 + 40002-4 (4mm) RP 15007 + 40002-5 (5mm)	For Ti Interface on Multi- Unit®	50.002/52.002	14.002
	WP / WP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB BRK MULT PLUS INTER	WP 15054 + 40003-1 (1mm) WP 15054 + 40003-2 (2mm) WP 15054 + 40003-3 (3mm)	For Ti Interface on Multi- Unit®	50.003/52.003	14.003
MULTI-UNIT® ON NOBEL REPLACE®	NP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB RPL MULT PLUS INTER	NP 15007 + 40004-1 (1mm) NP 15007 + 40004-2 (2mm) NP 15007 + 40004-3 (3mm)	For Ti Interface on Multi- Unit®	50.004/52.004	14.004
	RP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB RPL MULT PLUS INTER	RP 15007 + 40005-1 (1mm) RP 15007 + 40005-2 (2mm) RP 15007 + 40005-3 (3mm) RP 15007 + 40005-4 (4mm) RP 15007 + 40005-5 (5mm)	For Ti Interface on Multi- Unit®	50.005/52.005	14.005
	WP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB RPL MULT PLUS INTER	WP 15007 + 40006-1 (1mm) WP 15007 + 40006-2 (2mm) WP 15007 + 40006-3 (3mm)	For Ti Interface on Multi- Unit®	50.006/52.006	14.006
MULTI-UNIT® ON NOBEL ACTIVE™	NP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB ACT MULT PLUS INTER	NP 15007 + 40007-1 (1.5mm) NP 15007 + 40007-2 (2.5mm) NP 15007 + 40007-3 (3.5mm)	For Ti Interface on Multi- Unit®	50.041/52.041	14.041
	RP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS NOB ACT MULT PLUS INTER	RP 15007 + 40008-1 (1.5mm) RP 15007 + 40008-2 (2.5mm) RP 15007 + 40008-3 (3.5mm) RP 15007 + 40008-4 (4.5mm)	For Ti Interface on Multi- Unit®	50.042/52.042	14.042
UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™	RP / UniAbutment®20°	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST UNIABUT PLUS INTER	RP 20 15036 + 40013-0 (0.5mm) RP 20 15036 + 40013-1 (1mm) RP 20 15036 + 40013-2 (2mm) RP 20 15036 + 40013-4 (4mm) RP 20 15036 + 40013-6 (6mm)	For Ti Interface on UniAbutment®	50.024/52.024	14.024
	WP / UniAbutment®20°	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST UNIABUT PLUS INTER	WP 20 15036 + 40015-0 (0.5mm) WP 20 15036 + 40015-1 (1mm) WP 20 15036 + 40015-2 (2mm) WP 20 15036 + 40015-4 (4mm) WP 20 15036 + 40015-6 (6mm)	For Ti Interface on UniAbutment®	50.025/52.025	14.025
	RP / UniAbutment®45°	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST UNIABUT PLUS INTER	RP 45 15037 + 40014-0 (0.5mm) RP 45 15037 + 40014-1 (1mm) RP 45 15037 + 40014-2 (2mm) RP 45 15037 + 40014-4 (4mm) RP 45 15037 + 40014-6 (6mm)	For Ti Interface on UniAbutment®	50.024/52.024	14.024
	WP / UniAbutment®45°	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST UNIABUT PLUS INTER	WP 45 15037 + 40016-0 (0.5mm) WP 45 15037 + 40016-1 (1mm) WP 45 15037 + 40016-2 (2mm) WP 45 15037 + 40016-4 (4mm) WP 45 15037 + 40016-6 (6mm)	For Ti Interface on UniAbutment®	50.025/52.025	14.025
MULTI-UNIT® ON ZIMMER SCREW-VENT®	NP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS ZIM SCV MULT PLUS INTER	NP 15007 + 40019-1 (1mm) NP 15007 + 40019-2 (2mm) NP 15007 + 40019-3 (3mm) NP 15007 + 40019-4 (4mm) NP 15007 + 40019-5 (5mm)	For Ti Interface on Multi- Unit®	50.017/52.017	14.017
	RP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS ZIM SCV MULT PLUS INTER	RP 15007 + 40020-1 (1mm) RP 15007 + 40020-2 (2mm) RP 15007 + 40020-3 (3mm)	For Ti Interface on Multi- Unit®	50.018/52.018	14.018
MULTI-UNIT® ON 3i® OSSEOTITE®	NP / RP	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS 3i® OSS MULT PLUS INTER	NP 15007 + 40009-1 (1mm) NP 15007 + 40009-2 (2mm) NP 15007 + 40009-3 (3mm)	For Ti Interface on Multi- Unit®	50.011/52.011	14.011
ASTRA TECH™ IMPLANT SYSTEM™ EV	EV 3.6 Uniabutment®	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST EVO UNIABUTMENT PLUS INTERFACE	EV3.6 15059 + 40059/1 (1mm) EV3.6 15059 + 40059/2 (2mm) EV3.6 15059 + 40059/3 (3mm) EV3.6 15059 + 40059/5 (5mm)	For Ti Interface on UniAbutment®	50.059/52.059	14.059
	EV 4.2 Uniabutment®	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST EVO UNIABUTMENT PLUS INTERFACE	EV4.2 15060 + 40060/1 (1mm) EV4.2 15060 + 40060/2 (2mm) EV4.2 15060 + 40060/3 (3mm) EV4.2 15060 + 40060/5 (5mm)	For Ti Interface on UniAbutment®	50.060/52.060	14.060
	EV 4.8 Uniabutment®	DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE	DESS AST EVO UNIABUTMENT PLUS INTERFACE	EV4.8 15061 + 40061/1 (1mm) EV4.8 15061 + 40061/2 (2mm) EV4.8 15061 + 40061/3 (3mm) EV4.8 15061 + 40061/5 (5mm)	For Ti Interface on UniAbutment®	50.061/52.061	14.061

Table 1.2 DESS MULTIUNIT & UNIABUTMENT PLUS INTERFACE

IMPLANT TYPE	IMPLANT PLATFORM / TRANSEPITHELIAL ABUTMENT PLATFORM	LIBRARY FILE "DESS MULTIUNIT & UNIABUTMENT DIRECT"			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT (virtual abutment)			
MULTI-UNIT® ON BRÄNEMARK SYSTEM®	NP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB BRK MULTI-UNIT® DIRECT	NP 40001-1 (1mm)	Direct connection on Multi-Unit®	50.001/52.001	14.001
				NP 40001-2 (2mm)			
				NP 40001-3 (3mm)			
	RP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB BRK MULTI-UNIT® DIRECT	RP 40002-1 (1mm)	Direct connection on Multi-Unit®	50.002/52.002	14.002
				RP 40002-2 (2mm)			
				RP 40002-3 (3mm)			
	WP / WP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB BRK MULTI-UNIT® DIRECT	RP 40002-4 (4mm)	Direct connection on Multi-Unit®	50.003/52.003	14.003
				RP 40002-5 (5mm)			
				WP 40003-1 (1mm)			
MULTI-UNIT® ON NOBEL REPLACE®	NP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB RPL MULTI-UNIT® DIRECT	NP 40004-1 (1mm)	Direct connection on Multi-Unit®	50.004/52.004	14.004
				NP 40004-2 (2mm)			
				NP 40004-3 (3mm)			
	RP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB RPL MULTI-UNIT® DIRECT	RP 40005-1 (1mm)	Direct connection on Multi-Unit®	50.005/52.005	14.005
				RP 40005-2 (2mm)			
				RP 40005-3 (3mm)			
	WP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB RPL MULTI-UNIT® DIRECT	RP 40005-4 (4mm)	Direct connection on Multi-Unit®	50.006/52.006	14.006
				RP 40005-5 (5mm)			
				WP 40006-1 (1mm)			
MULTI-UNIT® ON NOBEL ACTIVE™	NP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB ACT MULTI-UNIT® DIRECT	NP 40007-1 (1.5mm)	Direct connection on Multi-Unit®	50.041/52.041	14.041
				NP 40007-2 (2.5mm)			
				NP 40007-3 (3.5mm)			
	RP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB ACT MULTI-UNIT® DIRECT	RP 40008-1 (1.5mm)	Direct connection on Multi-Unit®	50.042/52.042	14.042
				RP 40008-2 (2.5mm)			
				RP 40008-3 (3.5mm)			
	WP / WP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS NOB ACT MULTI-UNIT® DIRECT	RP 40008-4 (4.5mm)	Direct connection on Multi-Unit®	50.043/52.043	14.043
				WP 40009-1 (1mm)			
				WP 40009-2 (2mm)			
UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™	RP / UniAbutment®20°	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS AST UNIABUTMENT® DIRECT	RP 20 40013-0 (0.5mm)	Direct connection on UniAbutment®	50.024/52.024	14.024
				RP 20 40013-1 (1mm)			
				RP 20 40013-2 (2mm)			
				RP 20 40013-4 (4mm)			
	WP / UniAbutment®20°	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS AST UNIABUTMENT® DIRECT	RP 20 40013-6 (6mm)	Direct connection on UniAbutment®	50.025/52.025	14.025
				WP 20 40015-0 (0.5mm)			
				WP 20 40015-1 (1mm)			
				WP 20 40015-2 (2mm)			
	RP / UniAbutment®45°	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS AST UNIABUTMENT® DIRECT	WP 20 40015-4 (4mm)	Direct connection on UniAbutment®	50.024/52.024	14.024
				WP 20 40015-6 (6mm)			
				RP 45 40014-1 (1mm)			
				RP 45 40014-2 (2mm)			
MULTI-UNIT® ON ZIMMER SCREW-VENT®	NP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS ZIM SCV MULTI-UNIT® DIRECT	RP 45 40014-4 (4mm)	Direct connection on UniAbutment®	50.025/52.025	14.025
				RP 45 40014-6 (6mm)			
				WP 45 40016-0 (0.5mm)			
				WP 45 40016-1 (1mm)			
	RP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS ZIM SCV MULTI-UNIT® DIRECT	WP 45 40016-2 (2mm)	Direct connection on Multi-Unit®	50.017/52.017	14.017
				WP 45 40016-4 (4mm)			
				NP 40019-1 (1mm)			
				NP 40019-2 (2mm)			
MULTI-UNIT® ON 3i® OSSEOTITE®	NP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS 3i® OSS MULTI-UNIT® DIRECT	NP 40019-3 (3mm)	Direct connection on Multi-Unit®	50.018/52.018	14.018
				NP 40019-4 (4mm)			
				NP 40019-5 (5mm)			
ASTRA TECH™ IMPLANT SYSTEM™ EV	EV 3.6 UNIABUTMENT	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS AST EVO UNIABUTMENT® DIRECT	RP 40020-1 (1mm)	Direct connection on Multi-Unit®	50.011/52.011	14.011
				RP 40020-2 (2mm)			
				RP 40020-3 (3mm)			
				NP 40009-1 (1mm)			
	EV 4.2 UNIABUTMENT	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS AST EVO UNIABUTMENT® DIRECT	NP 40009-2 (2mm)	Direct connection on UniAbutment®	50.059/52.059	14.059
				NP 40009-3 (3mm)			
				EV3.6 40059/3 (3mm)			
				EV3.6 40059/5 (5mm)			
	EV 4.8 UNIABUTMENT	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS AST EVO UNIABUTMENT® DIRECT	EV4.2 40060/1 (1mm)	Direct connection on UniAbutment®	50.060/52.060	14.060
				EV4.2 40060/2 (2mm)			
				EV4.2 40060/3 (3mm)			
				EV4.2 40060/5 (5mm)			
MULTI-UNIT® ON 3i® OSSEOTITE®	NP / RP	DESS MULTIUNIT & UNIABUTMENT DIRECT	DESS 3i® OSS MULTI-UNIT® DIRECT	EV4.8 40061/1 (1mm)	Direct connection on UniAbutment®	50.061/52.061	14.061
				EV4.8 40061/2 (2mm)			
				EV4.8 40061/3 (3mm)			
				EV4.8 40061/5 (5mm)			
				NP 40009-3 (3mm)			

Table 1.3 DESS MULTIUNIT & UNIABUTMENT DIRECT

IMPLANT TYPE	PLATFORM	LIBRARY FILE "DESS AURUM BASE"			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT			
BRÅNEMARK SYSTEM®	NP	DESS AURUM BASE	DESS NOB BRK AURUM BASE	NOB_BRK_NP E 37.001	For Aurum Base engaging	50.001/52.001	14.001
				NOB_BRK_NP NE 36.001	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS NOB BRK AURUM BASE	NOB_BRK_RP E 37.002	For Aurum Base engaging	50.002/52.002	14.002
				NOB_BRK_RP NE 36.002	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS NOB BRK AURUM BASE	NOB_BRK_WP E 37.003	For Aurum Base engaging	50.003/52.003	14.003
				NOB_BRK_WP NE 36.003	For Aurum Base non-engaging		
NOBEL REPLACE®	NP	DESS AURUM BASE	DESS NOB RPL AURUM BASE	NOB_RPL_NP E 37.004	For Aurum Base engaging	50.004/52.004	14.004
				NOB_RPL_NP NE 36.004	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS NOB RPL AURUM BASE	NOB_RPL_RP E 37.005	For Aurum Base engaging	50.005/52.005	14.005
				NOB_RPL_RP NE 36.005	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS NOB RPL AURUM BASE	NOB_RPL_WP E 37.006	For Aurum Base engaging	50.006/52.006	14.006
				NOB_RPL_WP NE 36.006	For Aurum Base non-engaging		
NOBEL ACTIVE™	NP	DESS AURUM BASE	DESS NOB ACT AURUM BASE	NOB_ACT_NP E 37.041	For Aurum Base engaging	50.041/52.041	14.041
				NOB_ACT_NP NE 36.041	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS NOB ACT AURUM BASE	NOB_ACT_RP E 37.042	For Aurum Base engaging	50.042/52.042	14.042
				NOB_ACT_RP NE 36.042	For Aurum Base non-engaging		
STRAUMANN® SOFT TISSUE LEVEL	RN	DESS AURUM BASE	DESS STR STLV AURUM BASE	STR_STLV_RN E 37.009	For Aurum Base engaging	50.009/52.009	14.009
				STR_STLV_RN NE 36.046	For Aurum Base non-engaging		
	WN	DESS AURUM BASE	DESS STR STLV AURUM BASE	STR_STLV_WN E 37.045	For Aurum Base engaging	50.045/52.045	14.045
				STR_STLV_WN NE 36.045	For Aurum Base non-engaging		
STRAUMANN® BONE LEVEL	NC	DESS AURUM BASE	DESS STR BLV AURUM BASE	STR_BLV_NC E 37.043	For Aurum Base engaging	50.043/52.043	14.043
				STR_BLV_NC NE 36.043	For Aurum Base non-engaging		
	RC	DESS AURUM BASE	DESS STR BLV AURUM BASE	STR_BLV_RC E 37.044	For Aurum Base engaging	50.044/52.044	14.044
				STR_BLV_RC NE 36.044	For Aurum Base non-engaging		
ASTRA TECH™ OSSEOSPEED™	RP	DESS AURUM BASE	DESS AST OSS AURUM BASE	AST_OSS_Aqua E 37.024	For Aurum Base engaging	50.024/52.024	14.024
				AST_OSS_Aqua NE 36.024	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS AST OSS AURUM BASE	AST_OSS_Lilac E 37.025	For Aurum Base engaging	50.025/52.025	14.025
				AST_OSS_Lilac NE 36.025	For Aurum Base non-engaging		
FRIADENT® XIVE®	NP	DESS AURUM BASE	DESS DEN XIV AURUM BASE	DEN_XIV_3.4 E 37.038	For Aurum Base engaging	50.038/52.038	14.038
				DEN_XIV_3.4 NE 36.038	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS DEN XIV AURUM BASE	DEN_XIV_3.8 E 37.039	For Aurum Base engaging	50.039/52.039	14.039
				DEN_XIV_3.8 NE 36.039	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS DEN XIV AURUM BASE	DEN_XIV_4.5 E 37.040	For Aurum Base engaging	50.040/52.040	14.040
				DEN_XIV_4.5 NE 37.040	For Aurum Base non-engaging		
ANKYLOS® C/X	All platforms, height GH1	DESS AURUM BASE	DESS DEN ANK AURUM BASE	DEN_ANK E GH1 37.050	For Aurum Base engaging	50.049/52.049	14.048
				DEN_ANK NE GH1 36.050	For Aurum Base non-engaging		
	All platforms, height GH2	DESS AURUM BASE	DESS DEN ANK AURUM BASE	DEN_ANK E GH2 37.250	For Aurum Base engaging		
				DEN_ANK NE GH2 36.250	For Aurum Base non-engaging		
ZIMMER SCREW- VENT®	NP	DESS AURUM BASE	DESS ZIM SCV AURUM BASE	ZIM_SCV_NP E 37.017	For Aurum Base engaging	50.017/52.017	14.017
				ZIM_SCV_NP NE 36.017	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS ZIM SCV AURUM BASE	ZIM_SCV_RP E 37.018	For Aurum Base engaging	50.018/52.018	14.018
				ZIM_SCV_RP NE 36.018	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS ZIM SCV AURUM BASE	ZIM_SCV_WP E 37.019	For Aurum Base engaging	50.019/52.019	14.019
				ZIM_SCV_WP NE 36.019	For Aurum Base non-engaging		
MIS SEVEN®	RP	DESS AURUM BASE	DESS MIS SEV AURUM BASE	MIS_SEV_RP E 37.017	For Aurum Base engaging	50.017/52.017	14.017
				MIS_SEV_RP NE 36.017	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS MIS SEV AURUM BASE	MIS_SEV_WP E 37.018	For Aurum Base engaging	50.018/52.018	14.018
				MIS_SEV_WP NE 36.018	For Aurum Base non-engaging		
3i® OSSEOTITE®	NP	DESS AURUM BASE	DESS 3i® OSS AURUM BASE	NP E 37.011	For Aurum Base engaging	50.011/52.011	14.011
				NP NE 36.011	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS 3i® OSS AURUM BASE	RP E 37.012	For Aurum Base engaging	50.012/52.012	14.012
				RP NE 36.012	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS 3i® OSS AURUM BASE	WP E 37.013	For Aurum Base engaging	50.013/52.013	14.013
				WP NE 36.013	For Aurum Base non-engaging		
3i® OSSEOTITE® CERTAIN®	NP	DESS AURUM BASE	DESS 3i® CER AURUM BASE	3i_CER_NP E 37.014	For Aurum Base engaging	50.014/52.014	14.014
				3i_CER_NP NE 36.014	For Aurum Base non-engaging		
	RP	DESS AURUM BASE	DESS 3i® CER AURUM BASE	3i_CER_RP E 37.015	For Aurum Base engaging	50.015/52.015	14.015
				3i_CER_RP NE 36.015	For Aurum Base non-engaging		
	WP	DESS AURUM BASE	DESS 3i® CER AURUM BASE	3i_CER_WP E 37.016	For Aurum Base engaging	50.016/52.016	14.016
				3i_CER_WP NE 36.016	For Aurum Base non-engaging		
MULTI-UNIT®	RP	DESS AURUM BASE	DESS MULTI-UNIT® AURUM BASE	Multi_Unit_RP NE 36.007	For Aurum Base non-engaging	50.007/52.007	14.007
	WP	DESS AURUM BASE	DESS MULTI-UNIT® AURUM BASE	Multi_Unit_WP NE 36.054	For Aurum Base non-engaging	50.047/52.047	14.047
ASTRA TECH™ IMPLANT SYSTEM™ EV	EV 3.6	DESS AURUM BASE	DESS AST EVO AURUM BASE	AST_EVO_3.6 E 37.059	For Aurum Base engaging	50.059/52.059	14.059
				AST_EVO_3.6 NE 36.059	For Aurum Base non-engaging		
	EV 4.2	DESS AURUM BASE	DESS AST EVO AURUM BASE	AST_EVO_4.2 E 37.060	For Aurum Base engaging	50.060/52.060	14.060
				AST_EVO_4.2 NE 36.060	For Aurum Base non-engaging		
	EV 4.8	DESS AURUM BASE	DESS AST EVO AURUM BASE	AST_EVO_4.8 E 37.061	For Aurum Base engaging	50.061/52.061	14.061
				AST_EVO_4.8 NE 36.061	For Aurum Base non-engaging		

• Table 1.4 DESS AURUM BASE

3Shape Dental System – abutment level scan

For those cases the following categories are available:

- DESS STR SYN DIRECT (Bars and bridges) – for multiple restorations connected directly with synOcta® abutment. The scanning needs to be performed with Scan Abutment for synOcta®: 50.010/52.010 (RN) or 50.048/52.048 (WN). **Note:** This connection is non-engaging only (See Table 2.1).
- DESS MULTIUNIT DIRECT (Multiunit Scan Abutment) – for restorations connected directly with Multi-unit® abutment. The scanning needs to be performed with the Scan Abutment for Multi-unit® system – 50.007/52.007 (RP) and 50.047/52.047 (WP). The desired Multi-unit® abutment needs to be mounted physically on the implant analogue or the model needs to be poured with Multi-unit® analogues (14.007 or 14.047), (See Table 2.2).
- DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment) – for restorations connected directly with UniAbutment®. The scanning needs to be performed with the Scan Abutment for UniAbutment® system – 50.036/52.036 (20°) or 50.037/52.037 (45°). The desired UniAbutment® needs to be mounted physically on the implant analogue or model needs to be poured with UniAbutment® analogues (14.036 or 14.037), (See Table 2.3).

IMPLANT TYPE	PLATFORM	LIBRARY FILE “DESS STR SYN DIRECT (Bars and bridges)”			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT			
STRAUMANN® SOFT TISSUE LEVEL WITH synOcta® ABUTMENT	RN on synOcta®	DESS STR SYN DIRECT (Bars and bridges)	DESS STR SYN DIRECT (Bars and bridges)	STR SYN RN 51.010	Direct connection on synOcta®	50.010/52.010	14.010
	WN on synOcta®	DESS STR SYN DIRECT (Bars and bridges)	DESS STR SYN DIRECT (Bars and bridges)	STR SYN WN 51.048	Direct connection on synOcta®	50.048/52.048	14.046

Table 2.1 DESS STR SYN DIRECT (Bars and bridges)

IMPLANT TYPE	PLATFORM	LIBRARY FILE “DESS MULTIUNIT DIRECT (Multiunit Scan Abutment)”			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT			
MULTI-UNIT®	RP	DESS MULTIUNIT DIRECT (Multiunit Scan Abutment)	DESS MULTI-UNIT® DIRECT (Multi-unit® Scan Abutment)	Multi-unit®	Direct connection on Multi-Unit®	50.007/52.007	14.007
	WP	DESS MULTIUNIT DIRECT (Multiunit Scan Abutment)	DESS MULTI-UNIT® DIRECT (Multi-unit® Scan Abutment)	Multi-unit® WP	Direct connection on Multi-Unit®	50.047/52.047	14.047

Table 2.2 DESS MULTIUNIT DIRECT (Multiunit Scan Abutment)

IMPLANT TYPE	PLATFORM	LIBRARY FILE “DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment)”			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE
		CATEGORY	SYSTEM	KIT			
UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™	UniAbutment®20°	DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment)	DESS AST UNIABUTMENT® DIRECT (Uniabutment® Scan Abutment)	20	Direct connection on UniAbutment®	50.036/52.036	14.036
	UniAbutment®45°	DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment)	DESS AST UNIABUTMENT® DIRECT (Uniabutment® Scan Abutment)	45	Direct connection on UniAbutment®	50.037/52.037	14.037
ASTRA TECH™ IMPLANT SYSTEM™ EV	UniAbutment®	DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment)	DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment)	EV Uniabutment	Direct connection on UniAbutment®	50.058/52.058	14.058

Table 2.3 DESS UNIABUTMENT DIRECT (Uniabutment Scan Abutment)

Exocad library for implant level scan and abutment level scan

For this CAD system the library draws distinction between the following groups:

- DESS (*Connection name*) Titanium Interface – for restorations connected with the implant via the Titanium Interface. The scanning needs to be performed with the Scan Body for the specific implant connection. **Note:** This group includes parts **scanned from abutment level** - Multi-unit® abutment, UniAbutment® and synOcta® abutment - with its specific Scan Abutment (marked almond in the table).
- DESS (*Connection name*) MULTI (or MU) - for restorations connected directly with Multi-unit® transepithelial abutment. The scanning needs to be performed with the Scan Body for the specific implant connection. The desired Multi-unit® abutment will be mounted virtually in the CAD System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm).
- DESS (*Connection name*) MU-P (or MULTI PLUS) TITANIUM INTERFACE - for restorations connected with the Multi-unit® transepithelial abutment via the Titanium Interface. The scanning needs to be performed with the Scan Body for the specific implant connection. The desired Multi-unit® abutment will be mounted virtually in the CAD System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm).
- DESS AS UNIABT-P TITANIUM INTERFACE - for restorations connected with the UniAbutment® via Titanium Interface. The scanning needs to be performed with the Scan Body for ASTRA TECH™ implant connection. The desired UniAbutment® will be mounted virtually in the CAD System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm).
- DESS AS UNIABT - for restorations connected directly with the UniAbutment®. The scanning needs to be performed with the Scan Body for ASTRA TECH™ implant connection. The desired UniAbutment® will be mounted virtually in the CAD System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm).
- DESS (*Connection name*) Angled Titanium Interface – for restorations connected with the implant via the AURUM Base™ (see Table 3.2). The scanning needs to be performed with the Scan Body for the specific implant connection. **Note:** This group includes parts **scanned from abutment level** - Multi-unit® abutment - with its specific Scan Abutment (marked almond colour in the table).

Take care to select the correct DESS Scan Abutment and the corresponding library file, as otherwise the milled prosthesis can differ from desired outcome and errors can occur, for example the level of interface settlement.

The table 3.1 and 3.2 on the following pages gives an overview of all DESS Exocad libraries files in Exocad.

Implant level scan

Abutment level scan

Table 3.1 DESS EXOCAD LIBRARY

LIBRARY FILE – ONE-CLICK REGISTRATION			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	IMPLANT TYPE
NAME	PLATFORM	TYPE				
DESS 3i CE TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.014/52.014	14.014	3i® OSSEOTITE® CERTAIN®
		Non- Engaging	For Ti Interface non-engaging			
	RP	Engaging	For Ti Interface engaging	50.015/52.015	14.015	
		Non- Engaging	For Ti Interface non-engaging			
	WP	Engaging	For Ti Interface engaging	50.016/52.016	14.016	
		Non- Engaging	For Ti Interface non-engaging			
DESS 3i OS MU (Desktop or Intraoral)	NP	40.009/1 (1mm)	Direct connection on Multi-Unit*	50.011/52.011	14.011	MULTI-UNIT® ON 3i® OSSEOTITE®
40.009/2 (2mm)						
40.009/3 (3mm)						
DESS 3i OS MU-P TITANIUM INTERFACE (Desktop or Intraoral)	NP	15007 + 40.009/1 (1mm)	For Ti Interface on Multi-Unit*	50.011/52.011	14.011	MULTI-UNIT® ON 3i® OSSEOTITE®
15007 + 40.009/2 (2mm)						
15007 + 40.009/3 (3mm)						
DESS 3i OS TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.011/52.011	14.011	3i® OSSEOTITE®
		Non- Engaging	For Ti Interface non-engaging			
	RP	Engaging	For Ti Interface engaging	50.012/52.012	14.012	
		Non- Engaging	For Ti Interface non-engaging			
	WP	Engaging	For Ti Interface engaging	50.013/52.013	14.013	
		Non- Engaging	For Ti Interface non-engaging			
DESS AS UNIABT-P TITANIUM INTERFACE (Desktop or Intraoral)	20° RP	15036 + 40013/0 (0.5mm)	For Ti Interface on UniAbutment*	50.024/52.024	14.024	UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™
		15036 + 40013/1 (1mm)				
		15036 + 40013/2 (2mm)				
		15036 + 40013/4 (4mm)				
		15036 + 40013/6 (6mm)				
	45° RP	15037 + 40014/0 (0.5mm)	For Ti Interface on UniAbutment*	50.024/52.024	14.024	
		15037 + 40014/1 (1mm)				
		15037 + 40014/2 (2mm)				
		15037 + 40014/4 (4mm)				
		15037 + 40014/6 (6mm)				
	20° WP	15036 + 40015/0 (0.5mm)	For Ti Interface on UniAbutment*	50.025/52.025	14.025	
		15036 + 40015/1 (1mm)				
		15036 + 40015/2 (2mm)				
		15036 + 40015/4 (4mm)				
		15036 + 40015/6 (6mm)				
	45° WP	15037 + 40016/0 (0.5mm)	For Ti Interface on UniAbutment*	50.025/52.025	14.025	
		15037 + 40016/1 (1mm)				
		15037 + 40016/2 (2mm)				
		15037 + 40016/4 (4mm)				
		15037 + 40016/6 (6mm)				
DESS AST EV UNIABT TITANIUM INTERFACE (Desktop or Intraoral)	EV3.6	15058 + 40059/1 (1mm)	For Ti Interface on UniAbutment*	50.059/52.059	14.059	ASTRA TECH™ IMPLANT SYSTEM™ EV
		15058 + 40059/2 (2mm)				
		15058 + 40059/3 (3mm)				
		15058 + 40059/5 (5mm)				
	EV4.2	15058 + 40060/1 (1mm)	For Ti Interface on UniAbutment*	50.060/52.060	14.060	
		15058 + 40060/2 (2mm)				
		15058 + 40060/3 (3mm)				
		15058 + 40060/5 (5mm)				
	EV4.8	15058 + 40060/1 (1mm)	For Ti Interface on UniAbutment*	50.061/52.061	14.061	
		15058 + 40060/2 (2mm)				
		15058 + 40060/3 (3mm)				
		15058 + 40060/5 (5mm)				
DESS AS OS TITANIUM INTERFACE (Desktop or Intraoral)	RP	Engaging	For Ti Interface engaging	50.024/52.024	14.024	ASTRA TECH™ OSSEOSPEED™
		Non- Engaging	For Ti Interface non-engaging			
	WP	Engaging	For Ti Interface engaging	50.025/52.025	14.025	
		Non- Engaging	For Ti Interface non-engaging			
		20°	Non- Engaging	For Ti Interface non-engaging	50.036/52.036	
	45°	Non- Engaging	For Ti Interface non-engaging	50.037/52.037	14.037	
DESS AST EVO TITANIUM INTERFACE (Desktop or Intraoral)	EV 3.6	Engaging	For Ti Interface engaging	50.059/52.059	14.059	ASTRA TECH™ IMPLANT SYSTEM™ EV
		Non- Engaging	For Ti Interface non-engaging			
	EV 4.2	Engaging	For Ti Interface engaging	50.060/52.060	14.060	
		Non- Engaging	For Ti Interface non-engaging			
	EV 4.8	Engaging	For Ti Interface engaging	50.061/52.061	14.061	
		Non- Engaging	For Ti Interface non-engaging			
	EV Uniabutment	Non- Engaging	For Ti Interface non-engaging	50.058/52.058	14.058	
DESS AS UNIABT (Desktop or Intraoral)	20° RP	40013/0 (0.5mm)	Direct connection on UniAbutment*	50.024/52.024	14.024	UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™
		40013/1 (1mm)				
		40013/2 (2mm)				
		40013/4 (4mm)				
		40013/6 (6mm)				
	45° RP	40014/0 (0.5mm)	Direct connection on UniAbutment*	50.024/52.024	14.024	
		40014/1 (1mm)				
		40014/2 (2mm)				
		40014/4 (4mm)				
		40014/6 (6mm)				
	20° WP	40015/0 (0.5mm)	Direct connection on UniAbutment*	50.025/52.025	14.025	
		40015/1 (1mm)				
		40015/2 (2mm)				
		40015/4 (4mm)				
		40015/6 (6mm)				
	45° WP	40016/0 (0.5mm)	Direct connection on UniAbutment*	50.025/52.025	14.025	
		40016/1 (1mm)				
		40016/2 (2mm)				
		40016/4 (4mm)				
		40016/6 (6mm)				
DESS AST EVO DIRECT UNIABT (Desktop or Intraoral)	Uniabutment EV3.6	40.059 (1mm)	Direct connection on UniAbutment*	50.059/52.059	14.059	ASTRA TECH™ IMPLANT SYSTEM™ EV
		40.059 (2mm)				
		40.059 (3mm)				
		40.059 (5mm)				
			40.060 (1mm)	Direct connection on UniAbutment*		

	Uniabutment EV4.2	40.060 (2mm)	Direct connection on UniAbutment®	50.060/52.060	14.060			
		40.060 (3mm)						
		40.060 (5mm)						
	Uniabutment EV4.8	40.061 (1mm)		50.061/52.061	14.061			
		40.061 (2mm)						
		40.061 (3mm)						
		40.061 (5mm)						
DESS BH EXT TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.020/52.020	14.020	BIOHORIZONS®		
		Non- Engaging	For Ti Interface non-engaging					
	RP	Engaging	For Ti Interface engaging	50.021/52.021	14.021			
		Non- Engaging	For Ti Interface non-engaging					
	WP	Engaging	For Ti Interface engaging	50.022/52.022	14.022			
		Non- Engaging	For Ti Interface non-engaging					
DESS DS AN TITANIUM INTERFACE (Desktop or Intraoral)	GH1	Engaging	For Ti Interface engaging	50.049/52.049	14.048 14.050	ANKYLOS® C/X		
		Non- Engaging	For Ti Interface non-engaging					
	GH2	Engaging	For Ti Interface engaging					
		Non- Engaging	For Ti Interface non-engaging					
	DESS DS XI TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.038/52.038		14.038	FRIADENT® XiVE®
Non- Engaging			For Ti Interface non-engaging					
RP		Engaging	For Ti Interface engaging	50.039/52.039	14.039			
		Non- Engaging	For Ti Interface non-engaging					
WP		Engaging	For Ti Interface engaging	50.040/52.040	14.040			
		Non- Engaging	For Ti Interface non-engaging					
DESS MIS SVN TITANIUM INTERFACE (Desktop or Intraoral)	3.0	Engaging	For Ti Interface engaging	50.056/52.056	14.056	MIS SEVEN®		
		Non- Engaging	For Ti Interface non-engaging					
	NP	Engaging	For Ti Interface engaging	50.017/52.017	14.017			
		Non- Engaging	For Ti Interface non-engaging					
	RP	Engaging	For Ti Interface engaging	50.018/52.018	14.018			
		Non- Engaging	For Ti Interface non-engaging					

LIBRARY FILE – ONE-CLICK REGISTRATION			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	IMPLANT TYPE
NAME	PLATFORM	TYPE				
DESS MULTI DIRECT Multi Scan Abutment (Desktop or Intraoral)	MU		Direct connection on Multi-Unit® RP	50.007/52.007	14.007	MULTI-UNIT®
	MU WP		Direct connection on Multi-Unit® WP	50.047/52.047	14.047	
DESS MULTI TITANIUM INTERFACE (Desktop or Intraoral)	RP	Non- Engaging	For Ti Interface on Multi-Unit®	50.007/52.007	14.007	MULTI-UNIT®
	WP	Non- Engaging	For Ti Interface on Multi-Unit®	50.047/52.047	14.047	
DESS NB AC MULTI (Desktop or Intraoral)	NP	40007/1 (1.5mm)	Direct connection on Multi-Unit®	50.041/52.041	14.041	MULTI-UNIT® ON NOBEL ACTIVE™
		40007/2 (2.5mm)				
		40007/3 (3.5mm)				
	RP	40008/1 (1.5mm)	Direct connection on Multi-Unit®	50.042/52.042	14.042	
		40008/2 (2.5mm)				
		40008/3 (3.5mm)				
		40008/4 (4.5mm)				
DESS NB AC MULTI PLUS TITANIUM INTERFACE (Desktop or Intraoral)	NP	15007 + 40007/1 (1.5mm)	For Ti Interface on Multi-Unit®	50.041/52.041	14.041	MULTI-UNIT® ON NOBEL ACTIVE™
		15007 + 40007/2 (2.5mm)				
		15007 + 40007/3 (3.5mm)				
	RP	15007 + 40008/1 (1.5mm)	For Ti Interface on Multi-Unit®	50.042/52.042	14.042	
		15007 + 40008/2 (2.5mm)				
		15007 + 40008/3 (3.5mm)				
		15007 + 40008/4 (4.5mm)				
DESS NB AC TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.041/52.041	14.041	NOBEL ACTIVE™
		Non- Engaging	For Ti Interface non-engaging			
	RP	Engaging	For Ti Interface engaging	50.042/52.042	14.042	
		Non- Engaging	For Ti Interface non-engaging			
DESS NB BM MULTI (Desktop or Intraoral)	NP	40001/1 (1mm)	Direct connection on Multi-Unit®	50.001/52.001	14.001	MULTI-UNIT® ON BRÄNEMARK SYSTEM®
		40001/2 (2mm)				
		40001/3 (3mm)				
	RP	40002/1 (1mm)	Direct connection on Multi-Unit®	50.002/52.002	14.002	
		40002/2 (2mm)				
		40002/3 (3mm)				
		40002/4 (4mm)				
		40002/5 (5mm)				
	WP	40003/1 (1mm)	Direct connection on Multi-Unit®	50.003/52.003	14.003	
		40003/2 (2mm)				
		40003/3 (3mm)				
DESS NB BM MULTI PLUS TITANIUM INTERFACE (Desktop or Intraoral)	NP	15007 + 40001/1 (1mm)	For Ti Interface on Multi-Unit®	50.001/52.001	14.001	MULTI-UNIT® ON BRÄNEMARK SYSTEM®
		15007 + 40001/2 (2mm)				
		15007 + 40001/3 (3mm)				
	RP	15007 + 40002/1 (1mm)	For Ti Interface on Multi-Unit®	50.002/52.002	14.002	
		15007 + 40002/2 (2mm)				
		15007 + 40002/3 (3mm)				
		15007 + 40002/4 (4mm)				
		15007 + 40002/5 (5mm)				
	WP	15007 + 40003/1 (1mm)	For Ti Interface on Multi-Unit®	50.003/52.003	14.003	
		15007 + 40003/2 (2mm)				
		15007 + 40003/3 (3mm)				
DESS NB BM TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.001/52.001	14.001	BRÄNEMARK SYSTEM®
		Non- Engaging	For Ti Interface non-engaging			
	RP	Engaging	For Ti Interface engaging	50.002/52.002	14.002	
		Non- Engaging	For Ti Interface non-engaging			
	WP	Engaging	For Ti Interface engaging	50.003/52.003	14.003	
		Non- Engaging	For Ti Interface non-engaging			
DESS NB RP MULTI (Desktop or Intraoral)	NP	40004/1 (1mm)	Direct connection on Multi-Unit®	50.004/52.004	14.004	MULTI-UNIT® ON NOBEL REPLACE®
		40004/2 (2mm)				
		40004/3 (3mm)				
	RP	40005/1 (1mm)	Direct connection on Multi-Unit®	50.005/52.005	14.005	
		40005/2 (2mm)				
		40005/3 (3mm)				
		40005/4 (4mm)				
		40005/5 (5mm)				
	WP	40006/1 (1mm)	Direct connection on Multi-Unit®	50.006/52.006	14.006	
		40006/2 (2mm)				
		40006/3 (3mm)				
DESS NB RP MULTI PLUS TITANIUM INTERFACE (Desktop or Intraoral)	NP	15007 + 40004/1 (1mm)	For Ti Interface on Multi-Unit®	50.004/52.004	14.004	MULTI-UNIT® ON NOBEL REPLACE®
		15007 + 40004/2 (2mm)				
		15007 + 40004/3 (3mm)				
	RP	15007 + 40005/1 (1mm)	For Ti Interface on Multi-Unit®	50.005/52.005	14.005	
		15007 + 40005/2 (2mm)				
		15007 + 40005/3 (3mm)				
		15007 + 40005/4 (4mm)				
		15007 + 40005/5 (5mm)				

	WP	15007 + 40006/1 (1mm)	For Ti Interface on Multi-Unit*	50.006/52.006	14.006	
		15007 + 40006/2 (2mm)				
		15007 + 40006/3 (3mm)				
DESS NB RP TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.004/52.004	14.004	NOBEL REPLACE®
		Non- Engaging	For Ti Interface non-engaging			
	RP	Engaging	For Ti Interface engaging	50.005/52.005	14.005	
		Non- Engaging	For Ti Interface non-engaging			
	WP	Engaging	For Ti Interface engaging	50.006/52.006	14.006	
		Non- Engaging	For Ti Interface non-engaging			
DESS STR BL TITANIUM INTERFACE (Desktop or Intraoral)	NC	Engaging	For Ti Interface engaging	50.043/52.043	14.043	STRAUMANN® BONE LEVEL
		Non- Engaging	For Ti Interface non-engaging			
	RC	Engaging	For Ti Interface engaging	50.044/52.044	14.044	
		Non- Engaging	For Ti Interface non-engaging			
DESS STR STL V TITANIUM INTERFACE (Desktop or Intraoral)	RN	Engaging	For Ti Interface engaging	50.009/52.009	14.009	STRAUMANN® SOFT TISSUE LEVEL
		Non- Engaging	For Ti Interface non-engaging			
	WN	Engaging	For Ti Interface engaging	50.045/52.045	14.045	
		Non- Engaging	For Ti Interface non-engaging			
DESS STR SYN Bars and Bridges (Desktop or Intraoral)	RN	Non- Engaging	Direct connection on synOcta®	50.010/52.010	14.010	STRAUMANN® SOFT TISSUE LEVEL WITH synOcta® ABUTMENT
	WN	Non- Engaging	Direct connection on synOcta®	50.048/52.048	14.046	
DESS STR SYN TITANIUM INTERFACE (Desktop or Intraoral)	RN	Non- Engaging	For Ti Interface non-engaging	50.010/52.010	14.010	STRAUMANN® SOFT TISSUE LEVEL WITH synOcta® ABUTMENT
		Engaging	For Ti Interface engaging			
	WN	Non- Engaging	For Ti Interface non-engaging	50.048/52.048	14.046	
		Engaging	For Ti Interface engaging			
DESS UNIABT DIRECT UniAbt Scan Abutment (Desktop or Intraoral)	20°		Direct connection on UniAbutment® 20°	50.036/52.036	14.036	UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™
	45°		Direct connection on UniAbutment® 45°	50.037/52.037	14.037	
DESS AST EVO Uniabut Direct – Uniabt Desktop Scan Abutment	EV Uniabutment		Direct connection on UniAbutment®	50.058/52.058	14.058	ASTRA TECH™ IMPLANT SYSTEM™ EV
DESS ZI SCV MULTI (Desktop or Intraoral)	NP	40019/1 (1mm)	Direct connection on Multi-Unit*	50.017/52.017	14.017	MULTI-UNIT® ON ZIMMER SCREW-VENT®
		40019/2 (2mm)				
		40019/3 (3mm)				
		40019/4 (4mm)				
		40019/5 (5mm)				
	RP	40020/1 (1mm)	Direct connection on Multi-Unit*	50.018/52.018	14.018	
		40020/2 (2mm)				
		40020/3 (3mm)				
DESS ZI SCV MULTI PLUS TITANIUM INTERFACE (Desktop or Intraoral)	NP	15007 + 40019/1 (1mm)	For Ti Interface on Multi-Unit*	50.017/52.017	14.017	MULTI-UNIT® ON ZIMMER SCREW-VENT®
		15007 + 40019/2 (2mm)				
		15007 + 40019/3 (3mm)				
		15007 + 40019/4 (4mm)				
		15007 + 40019/5 (5mm)				
	RP	15007 + 40020/1 (1mm)	For Ti Interface on Multi-Unit*	50.018/52.018	14.018	
		15007 + 40020/2 (2mm)				
		15007 + 40020/3 (3mm)				
DESS ZI SCV TITANIUM INTERFACE (Desktop or Intraoral)	NP	Engaging	For Ti Interface engaging	50.017/52.017	14.017	ZIMMER SCREW-VENT®
		Non- Engaging	For Ti Interface non-engaging			
	RP	Engaging	For Ti Interface engaging	50.018/52.018	14.018	
		Non- Engaging	For Ti Interface non-engaging			
	WP	Engaging	For Ti Interface engaging	50.019/52.019	14.019	
		Non- Engaging	For Ti Interface non-engaging			

Table 3.2 DESS AURUM BASE EXOCAD LIBRARY

LIBRARY FILE "DESS AURUM BASE"			CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	IMPLANT TYPE
NAME	PLATFORM	TYPE				
DESS NOB BRK TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.001/52.001	14.001	BRÄNEMARK SYSTEM®
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.002/52.002	14.002	
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.003/52.003	14.003	
		Non-Engaging	For Aurum Base non-engaging			
DESS NOB RPL TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.004/52.004	14.004	NOBEL REPLACE®
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.005/52.005	14.005	
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.006/52.006	14.006	
		Non-Engaging	For Aurum Base non-engaging			
DESS NOB ACT TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.041/52.041	14.041	NOBEL ACTIVE™
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.042/52.042	14.042	
		Non-Engaging	For Aurum Base non-engaging			
DESS STR TLV TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	RN	Engaging	For Aurum Base engaging	50.009/52.009	14.009	STRAUMANN ® SOFT TISSUE LEVEL
		Non-Engaging	For Aurum Base non-engaging			
	WN	Engaging	For Aurum Base engaging	50.045/52.045	14.045	
		Non-Engaging	For Aurum Base non-engaging			
DESS STR BLV TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NC	Engaging	For Aurum Base engaging	50.043/52.043	14.043	STRAUMANN ® BONE LEVEL
		Non-Engaging	For Aurum Base non-engaging			
	RC	Engaging	For Aurum Base engaging	50.044/52.044	14.044	
		Non-Engaging	For Aurum Base non-engaging			
DESS AST OSS TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	RP	Engaging	For Aurum Base engaging	50.024/52.024	14.024	ASTRA TECH™ OSSEOSPEED ™
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.025/52.025	14.025	
		Non-Engaging	For Aurum Base non-engaging			
DESS DEN XIV TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.038/52.038	14.038	FRIADENT® XIVE®
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.039/52.039	14.039	
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.040/52.040	14.040	
		Non-Engaging	For Aurum Base non-engaging			
DESS DEN ANK TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	All platforms, height GH1	Engaging	For Aurum Base engaging	50.049/52.049	14.048	ANKYLOS® C/X
		Non-Engaging	For Aurum Base non-engaging			
	All platforms, height GH2	Engaging	For Aurum Base engaging			
		Non-Engaging	For Aurum Base non-engaging			
DESS ZIM SCV TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.017/52.017	14.017	ZIMMER SCREW- VENT®
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.018/52.018	14.018	
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.019/52.019	14.019	
		Non-Engaging	For Aurum Base non-engaging			
DESS MIS SEV TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	RP	Engaging	For Aurum Base engaging	50.017/52.017	14.017	MIS SEVEN®
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.018/52.018	14.018	
		Non-Engaging	For Aurum Base non-engaging			
DESS 3i® OSS TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.011/52.011	14.011	3i® OSSEOTITE®
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.012/52.012	14.012	
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.013/52.013	14.013	
		Non-Engaging	For Aurum Base non-engaging			
DESS 3i® CER TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	NP	Engaging	For Aurum Base engaging	50.014/52.014	14.014	3i® OSSEOTITE® CERTAIN®
		Non-Engaging	For Aurum Base non-engaging			
	RP	Engaging	For Aurum Base engaging	50.015/52.015	14.015	
		Non-Engaging	For Aurum Base non-engaging			
	WP	Engaging	For Aurum Base engaging	50.016/52.016	14.016	
		Non-Engaging	For Aurum Base non-engaging			
DESS MULTI-UNIT® TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	RP	Non-Engaging	For Aurum Base non-engaging	50.007/52.007	14.007	MULTI-UNIT®
	WP	Non-Engaging	For Aurum Base non-engaging	50.047/52.047	14.047	
DESS AST EVO TITANIUM ANGLED INTERFACE (Desktop or Intraoral)	EV 3.6	Engaging	For Aurum Base engaging	50.059/52.059	14.059	ASTRA TECH™ IMPLANT SYSTEM™ EV
		Non-Engaging	For Aurum Base non-engaging			
	EV 4.2	Engaging	For Aurum Base engaging	50.060/52.060	14.060	
		Non-Engaging	For Aurum Base non-engaging			
	EV 4.8	Engaging	For Aurum Base engaging	50.061/52.061	14.061	
		Non-Engaging	For Aurum Base non-engaging			

Dental Wings library for implant and abutment level scan

For DWOS CAD system the library draws distinction between the following groups:

- DESS MULTI-UNIT® AND UNIABUTMENT® - for restorations connected directly with the transepithelial abutment. The scanning needs to be performed with the Scan Body for every specific implant connection. The desired Multi-unit® abutment or UniAbutment® will be mounted virtually in the CAD System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm), (see Table 4.1).
- DESS MULTI-UNIT® AND UNIABUTMENT® PLUS INTERFACE - for restorations connected with the transepithelial abutment via the Titanium Interface. The scanning needs to be performed with the Scan Body for the specific implant connection. The desired Multi-unit® abutment or UniAbutment® will be mounted virtually in the CAD System. Please note that in this case the closing line between the prosthesis and the transepithelial abutment depends on the proper kit selection (abutment height in mm), (see Table 4.2).
- DESS SYNOCTA® DIRECT (Bars and Bridges) - for multiple restorations connected directly with synOcta® abutment. The scanning needs to be performed with Scan Abutment for synOcta®: 50.010/52.010 (RN) or 50.048/52.048 (WN). **Note:** This connection is non-engaging only (See Table 4.3).
- DESS TITANIUM INTERFACE - for restorations connected with the implant via the Titanium Interface. The scanning needs to be performed with the Scan Body for the specific implant connection. **Note:** This category includes parts **scanned from abutment level** - Multi-unit® abutment, UniAbutment® and synOcta® abutment - with its specific Scan Abutment (see Table 4.4).
- DESS UNIABUTMENT® DIRECT (UniAbutment® Scan Abutment) - for restorations connected directly with UniAbutment®. The scanning needs to be performed with the Scan Abutment for UniAbutment® system – 50.036/52.036 (20°), 50.037/52.037 (45°) or 50.058/52.058. The desired UniAbutment® needs to be mounted physically on the implant analogue or model needs to be poured with UniAbutment® analogues (14.036, 14.037 or 14.058), (See Table 4.5).
- DESS MULTI-UNIT® DIRECT (Multi-unit® Scan Abutment) - for restorations connected directly with Multi-unit® abutment. The scanning needs to be performed with the Scan Abutment for Multi-unit® system – 50.007/52.007 (RP) and 50.047/52.047 (WP). The desired Multi-unit® abutment needs to be mounted physically on the implant analogue or the model needs to be poured with Multi-unit® analogues (14.007 or 14.047), (See Table 4.6).
- DESS AURUM INTERFACE - for restorations connected with the implant via the AURUM Base™. The scanning needs to be performed with the Scan Body for the specific implant connection. **Note:** This category includes parts **scanned from abutment level** - Multi-unit® abutment - with its specific Scan Abutment (see Table 4.7).

Take care to select the correct DESS Scan Abutment and the corresponding library file, as otherwise the milled prosthesis can differ from desired outcome and errors can occur, for example the level of interface settlement.

The tables on the following pages gives an overview of all DESS Dental Wings libraries.

Implant level scan

Abutment level scan

Table 4.1 DESS MULTI-UNIT® AND UNIABUTMENT®

LIBRARY FILE FROM THE GROUP “DESS MULTI-UNIT® AND UNIABUTMENT®”	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	PLATFORM	IMPLANT TYPE				
3i® OSS NP 40009/1 (1mm)	Direct connection on Multi-Unit®	50.011/52.011	14.011	NP	MULTI-UNIT® ON 3i® OSSEOTITE®				
3i® OSS NP 40009/2 (2mm)									
3i® OSS NP 40009/3 (3mm)									
AST AQUA® RP 20° 40013/0 (0.5mm)	Direct connection on UniAbutment®	50.024/52.024	14.024	20° RP	UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™				
AST AQUA® RP 20° 40013/1 (1mm)									
AST AQUA® RP 20° 40013/2 (2mm)									
AST AQUA® RP 20° 40013/4 (4mm)									
AST AQUA® RP 20° 40013/6 (6mm)									
AST AQUA® RP 45° 40014/0 (0.5mm)	Direct connection on UniAbutment®			45° RP					
AST AQUA® RP 45° 40014/1 (1mm)									
AST AQUA® RP 45° 40014/2 (2mm)									
AST AQUA® RP 45° 40014/4 (4mm)									
AST AQUA® RP 45° 40014/6 (6mm)									
AST LILAC® WP 20° 40015/0 (0.5mm)	Direct connection on UniAbutment®	50.025/52.025	14.025	20° WP					
AST LILAC® WP 20° 40015/1 (1mm)									
AST LILAC® WP 20° 40015/2 (2mm)									
AST LILAC® WP 20° 40015/4 (4mm)									
AST LILAC® WP 20° 40015/6 (6mm)									
AST LILAC® WP 45° 40016/0 (0.5mm)	Direct connection on UniAbutment®			45° WP					
AST LILAC® WP 45° 40016/1 (1mm)									
AST LILAC® WP 45° 40016/2 (2mm)									
AST LILAC® WP 45° 40016/4 (4mm)									
AST LILAC® WP 45° 40016/6 (6mm)									
AST EVO 3.6 40059/1 (1mm)	Direct connection on UniAbutment®	50.059	14.059	EV3.6	ASTRA TECH™ IMPLANT SYSTEM™ EV				
AST EVO 3.6 40059/2 (2mm)									
AST EVO 3.6 40059/3 (3mm)									
AST EVO 3.6 40059/5 (5mm)	Direct connection on UniAbutment®	50.060	14.060	EV4.2					
AST EVO 4.2 40060/1 (1mm)									
AST EVO 4.2 40060/2 (2mm)									
AST EVO 4.2 40060/3 (3mm)									
AST EVO 4.2 40060/5 (5mm)									
AST EVO 4.8 40061/1 (1mm)	Direct connection on UniAbutment®	50.061	14.061	EV4.8					
AST EVO 4.8 40061/2 (2mm)									
AST EVO 4.8 40061/3 (3mm)									
AST EVO 4.8 40061/5 (5mm)									
NOB ACT NP 40007/1 (1.5mm)	Direct connection on Multi-Unit®	50.041/52.041	14.041	NP	MULTI-UNIT® ON NOBEL ACTIVE™				
NOB ACT NP 40007/2 (2.5mm)									
NOB ACT NP 40007/3 (3.5mm)									
NOB ACT RP 40008/1 (1.5mm)	Direct connection on Multi-Unit®	50.042/52.041	14.042	RP					
NOB ACT RP 40008/2 (2.5mm)									
NOB ACT RP 40008/3 (3.5mm)									
NOB ACT RP 40008/4 (4.5mm)									
NOB BRK NP 40001/1 (1mm)	Direct connection on Multi-Unit®	50.001/52.001	14.001	NP	MULTI-UNIT® ON BRÄNEMARK SYSTEM®				
NOB BRK NP 40001/2 (2mm)									
NOB BRK NP 40001/3 (3mm)									
NOB BRK RP 40002/1 (1mm)	Direct connection on Multi-Unit®	50.002/52.002	14.002	RP					
NOB BRK RP 40002/2 (2mm)									
NOB BRK RP 40002/3 (3mm)									
NOB BRK RP 40002/4 (4mm)									
NOB BRK RP 40002/5 (5mm)									
NOB BRK WP 40003/1 (1mm)	Direct connection on Multi-Unit®	50.003/52.003	14.003	WP					
NOB BRK WP 40003/2 (2mm)									
NOB BRK WP 40003/3 (3mm)									
NOB RPL NP 40004/1 (1mm)	Direct connection on Multi-Unit®	50.004/52.004	14.004	NP	MULTI-UNIT® ON NOBEL REPLACE®				
NOB RPL NP 40004/2 (2mm)									
NOB RPL NP 40004/3 (3mm)									
NOB RPL RP 40005/1 (1mm)	Direct connection on Multi-Unit®	50.005/52.005	14.005	RP					
NOB RPL RP 40005/2 (2mm)									
NOB RPL RP 40005/3 (3mm)									
NOB RPL RP 40005/4 (4mm)									
NOB RPL RP 40005/5 (5mm)									
NOB RPL WP 40006/1 (1mm)	Direct connection on Multi-Unit®	50.006/52.006	14.006	WP					
NOB RPL WP 40006/2 (2mm)									
NOB RPL WP 40006/3 (3mm)									
ZIM SCV NP 40019/1 (1mm)	Direct connection on Multi-Unit®	50.017/52.017	14.017	NP	MULTI-UNIT® ON ZIMMER SCREW-VENT®				
ZIM SCV NP 40019/2 (2mm)									
ZIM SCV NP 40019/3 (3mm)									
ZIM SCV NP 40019/4 (4mm)									
ZIM SCV NP 40019/5 (5mm)									
ZIM SCV RP 40020/1 (1mm)	Direct connection on Multi-Unit®	50.018/52.018	14.018	RP					
ZIM SCV RP 40020/2 (2mm)									
ZIM SCV RP 40020/3 (3mm)									

LIBRARY FILE FROM THE GROUP “DESS MULTI-UNIT® AND UNIABUTMENT® PLUS INTERFACE”	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	PLATFORM	IMPLANT TYPE		
3i® OSS NP 15007 + 40009/1 (1mm)	For Ti Interface on Multi-Unit®	50.011/52.011	14.011	NP	MULTI-UNIT® ON 3i® OSSEOTITE®		
3i® OSS NP 15007 + 40009/2 (2mm)							
3i® OSS NP 15007 + 40009/3 (3mm)							
AST AQUA® RP 20° 15036 + 40013/0 (0.5mm)	For Ti Interface on UniAbutment®	50.024/52.011	14.024	20° RP	UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™		
AST AQUA® RP 20° 15036 + 40013/1 (1mm)							
AST AQUA® RP 20° 15036 + 40013/2 (2mm)							
AST AQUA® RP 20° 15036 + 40013/4 (4mm)							
AST AQUA® RP 20° 15036 + 40013/6 (6mm)							
AST AQUA® RP 45° 15037 + 40014/0 (0.5mm)	For Ti Interface on UniAbutment®			50.024/52.011		14.024	45° RP
AST AQUA® RP 45° 15037 + 40014/1 (1mm)							
AST AQUA® RP 45° 15037 + 40014/2 (2mm)							
AST AQUA® RP 45° 15037 + 40014/4 (4mm)							
AST AQUA® RP 45° 15037 + 40014/6 (6mm)							
AST LILAC® WP 20° 15036 + 40015/0 (0.5mm)	For Ti Interface on UniAbutment®	50.025/52.025	14.025				20° WP
AST LILAC® WP 20° 15036 + 40015/1 (1mm)							
AST LILAC® WP 20° 15036 + 40015/2 (2mm)							
AST LILAC® WP 20° 15036 + 40015/4 (4mm)							
AST LILAC® WP 20° 15036 + 40015/6 (6mm)							
AST LILAC® WP 45° 15037 + 40016/0 (0.5mm)	For Ti Interface on UniAbutment®			50.025/52.025		14.025	45° WP
AST LILAC® WP 45° 15037 + 40016/1 (1mm)							
AST LILAC® WP 45° 15037 + 40016/2 (2mm)							
AST LILAC® WP 45° 15037 + 40016/4 (4mm)							
AST LILAC® WP 45° 15037 + 40016/6 (6mm)							
AST EV3.6 15.058 + 40059/1 (1mm)	For Ti Interface on UniAbutment®	50.059/52.059	14.059		EV3.6		ASTRA TECH™ IMPLANT SYSTEM™ EV
AST EV3.6 15.058 + 40059/2 (2mm)							
AST EV3.6 15.058 + 40059/3 (3mm)							
AST EV3.6 15.058 + 40059/5 (5mm)	For Ti Interface on UniAbutment®	50.060/50.061	14.060		EV4.2		
AST EV4.2 15.058 + 40060/1 (1mm)							
AST EV4.2 15.058 + 40060/2 (2mm)							
AST EV4.2 15.058 + 40060/3 (3mm)							
AST EV4.2 15.058 + 40060/5 (5mm)							
AST EV4.2 15.058 + 40061/1 (1mm)	For Ti Interface on UniAbutment®	50.061/52.061	14.061	EV4.8			
AST EV4.2 15.058 + 40061/2 (2mm)							
AST EV4.2 15.058 + 40061/3 (3mm)							
AST EV4.2 15.058 + 40061/5 (5mm)							
NOB ACT NP 15007 + 40007/1 (1.5mm)	For Ti Interface on Multi-Unit®	50.041/52.041	14.041	NP	MULTI-UNIT® ON NOBEL ACTIVE™		
NOB ACT NP 15007 + 40007/2 (2.5mm)							
NOB ACT NP 15007 + 40007/3 (3.5mm)							
NOB ACT RP 15007 + 40008/1 (1.5mm)	For Ti Interface on Multi-Unit®	50.042/52.042	14.042	RP			
NOB ACT RP 15007 + 40008/2 (2.5mm)							
NOB ACT RP 15007 + 40008/3 (3.5mm)							
NOB ACT RP 15007 + 40008/4 (4.5mm)							
NOB BRK NP 15007 + 40001/1 (1mm)	For Ti Interface on Multi-Unit®	50.001/52.001	14.001	NP	MULTI-UNIT® ON BRÄNEMARK SYSTEM®		
NOB BRK NP 15007 + 40001/2 (2mm)							
NOB BRK NP 15007 + 40001/3 (3mm)							
NOB BRK RP 15007 + 40002/1 (1mm)	For Ti Interface on Multi-Unit®	50.002/52.002	14.002	RP			
NOB BRK RP 15007 + 40002/2 (2mm)							
NOB BRK RP 15007 + 40002/3 (3mm)							
NOB BRK RP 15007 + 40002/4 (4mm)							
NOB BRK RP 15007 + 40002/5 (5mm)							
NOB BRK WP 15054 + 40003/1 (1mm)	For Ti Interface on Multi-Unit®	50.003/52.003	14.003	WP			
NOB BRK WP 15054 + 40003/2 (2mm)							
NOB BRK WP 15054 + 40003/3 (3mm)							
NOB RPL NP 15007 + 40004/1 (1mm)	For Ti Interface on Multi-Unit®	50.004/52.004	14.004	NP	MULTI-UNIT® ON NOBEL REPLACE®		
NOB RPL NP 15007 + 40004/2 (2mm)							
NOB RPL NP 15007 + 40004/3 (3mm)							
NOB RPL RP 15007 + 40005/1 (1mm)	For Ti Interface on Multi-Unit®	50.005/52.005	14.005	RP			
NOB RPL RP 15007 + 40005/2 (2mm)							
NOB RPL RP 15007 + 40005/3 (3mm)							
NOB RPL RP 15007 + 40005/4 (4mm)							
NOB RPL RP 15007 + 40005/5 (5mm)							
NOB RPL WP 15007 + 40006/1 (1mm)	For Ti Interface on Multi-Unit®	50.006/52.006	14.006	WP			
NOB RPL WP 15007 + 40006/2 (2mm)							
NOB RPL WP 15007 + 40006/3 (3mm)							
ZIM SCV NP 15007 + 40019/1 (1mm)	For Ti Interface on Multi-Unit®	50.017/52.017	14.017	NP	MULTI-UNIT® ON ZIMMER SCREW-VENT®		
ZIM SCV NP 15007 + 40019/2 (2mm)							
ZIM SCV NP 15007 + 40019/3 (3mm)							
ZIM SCV NP 15007 + 40019/4 (4mm)							
ZIM SCV NP 15007 + 40019/5 (5mm)	For Ti Interface on Multi-Unit®	50.018/52.018	14.018	RP			
ZIM SCV RP 15007 + 40020/1 (1mm)							
ZIM SCV RP 15007 + 40020/2 (2mm)							
ZIM SCV RP 15007 + 40020/3 (3mm)							

Table 4.2 DESS MULTI-UNIT® AND UNIABUTMENT® PLUS INTERFACE

LIBRARY FILE FROM THE GROUP “DESS TITANIUM INTERFACE”	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intra oral)	ANALOGUE	PLATFORM	IMPLANT TYPE
3i® CER NP E 16.014	For Ti Interface engaging	50.014/52.014	14.014	NP	3i® OSSEOTITE® CERTAIN®
3i® CER NP NE 15.014	For Ti Interface non-engaging				
3i® CER RP E 16.015	For Ti Interface engaging	50.015/52.015	14.015	RP	
3i® CER RP NE 15.015	For Ti Interface non-engaging				
3i® CER WP E 16.016	For Ti Interface engaging	50.016/52.016	14.016	WP	
3i® CER WP NE 15.016	For Ti Interface non-engaging				
3i® OSS NP E 16.011	For Ti Interface engaging	50.011/52.011	14.011	NP	3i® OSSEOTITE®
3i® OSS NP NE 15.011	For Ti Interface non-engaging				
3i® OSS RP E 16.012	For Ti Interface engaging	50.012/52.012	14.012	RP	
3i® OSS RP NE 15.012	For Ti Interface non-engaging				
3i® OSS WP E 16.013	For Ti Interface engaging	50.013/52.013	14.013	WP	
3i® OSS WP NE 15.013	For Ti Interface non-engaging				
AST OSS AQUA® E 16.024	For Ti Interface engaging	50.024/52.024	14.024	RP	ASTRA TECH™ OSSEOSPEED™
AST OSS AQUA® NE 15.024	For Ti Interface non-engaging				
AST OSS LILAC® E 16.025	For Ti Interface engaging	50.025	14.025	WP	
AST OSS LILAC® NE 15.025	For Ti Interface non-engaging				
AST UNIABUTMENT® 20° NE 15.036	For Ti Interface non-engaging	50.036/52.036	14.036	20°	
AST UNIABUTMENT® 45° NE 15.037	For Ti Interface non-engaging	50.037/52.037	14.037	45°	
AST EV 3.6 E 16.059	For Ti Interface engaging	50.059/52.059	14.059	EV 3.6	ASTRA TECH™ IMPLANT SYSTEM™ EV
AST EV 3.6 NE 15.059	For Ti Interface non-engaging				
AST EV 4.2 E 16.060	For Ti Interface engaging	50.060/52.060	14.060	EV 4.2	
AST EV 4.2 NE 15.060	For Ti Interface non-engaging				
AST EV 4.8 E 16.061	For Ti Interface engaging	50.061/52.061	14.061	EV 4.8	
AST EV 4.8 NE 15.061	For Ti Interface non-engaging				
AST EV UNIABUTMENT 15.058	For Ti Interface non-engaging	50.058/52.058	14.058	Ev uniabutment	
BH EXTERNAL NP E 16.051	For Ti Interface engaging	50.020/52.020	14.020	NP	BIOHORIZONS®
BH EXTERNAL NP NE 15.051	For Ti Interface non-engaging				
BH EXTERNAL RP E 16.052	For Ti Interface engaging	50.021/52.021	14.021	RP	
BH EXTERNAL RP NE 15.052	For Ti Interface non-engaging				
BH EXTERNAL WP E 16.053	For Ti Interface engaging	50.022/52.022	14.022	WP	
BH EXTERNAL WP NE 15.053	For Ti Interface non-engaging				
DEN ANK E GH1 16.050	For Ti Interface engaging	50.049/52.049	14.048	GH1	ANKYLOS® C/X
DEN ANK E GH2 16.250	For Ti Interface engaging			GH2	
DEN ANK NE GH1 15.050	For Ti Interface non-engaging			GH1	
DEN ANK NE GH2 15.250	For Ti Interface non-engaging			GH2	
DEN XIV 3.4 E 16.038	For Ti Interface engaging	50.038/52.038	14.038	NP	FRIADENT® XIVE®
DEN XIV 3.4 NE 15.038	For Ti Interface non-engaging				
DEN XIV 3.8 E 16.039	For Ti Interface engaging	50.039/52.039	14.039	RP	
DEN XIV 3.8 NE 15.039	For Ti Interface non-engaging				
DEN XIV 4.5 E 16.040	For Ti Interface engaging	50.040/52.040	14.040	WP	
DEN XIV 4.5 NE 15.040	For Ti Interface non-engaging				
MIS SEV 3.0 E 16.056	For Ti Interface engaging	50.056/52.056	14.056	NP	MIS SEVEN®
MIS SEV 3.0 NE 15.056	For Ti Interface non-engaging				
MIS SEV RP E 16.017	For Ti Interface engaging	50.017/52.017	14.017	RP	
MIS SEV RP NE 15.017	For Ti Interface non-engaging				
MIS SEV WP E 16.018	For Ti Interface engaging	50.018/52.018	14.018	WP	
MIS SEV WP NE 15.018	For Ti Interface non-engaging				
MULTI-UNIT® 15.007	For Ti Interface non-engaging	50.007/52.007	14.007	RP	MULTI-UNIT®
MULTI-UNIT® WP 15.054	For Ti Interface non-engaging	50.047/52.047	14.047	WP	
NOB ACT NP E 16.041	For Ti Interface engaging	50.041/52.041	14.041	NP	NOBEL ACTIVE™
NOB ACT NP NE 15.041	For Ti Interface non-engaging				
NOB ACT RP E 16.042	For Ti Interface engaging	50.042/52.042	14.042	RP	
NOB ACT RP NE 15.042	For Ti Interface non-engaging				
NOB BRK NP E 16.001	For Ti Interface engaging	50.001/52.001	14.001	NP	BRÄNEMARK SYSTEM®
NOB BRK NP NE 15.001	For Ti Interface non-engaging				
NOB BRK RP E 16.002	For Ti Interface engaging	50.002/52.002	14.002	RP	
NOB BRK RP NE 15.002	For Ti Interface non-engaging				
NOB BRK WP E 16.003	For Ti Interface engaging	50.003/52.003	14.003	WP	
NOB BRK WP NE 15.003	For Ti Interface non-engaging				
NOB RPL NP E 16.004	For Ti Interface engaging	50.004/52.004	14.004	NP	NOBEL REPLACE®
NOB RPL NP NE 15.004	For Ti Interface non-engaging				
NOB RPL RP E 16.005	For Ti Interface engaging	50.005/52.005	14.005	RP	
NOB RPL RP NE 15.005	For Ti Interface non-engaging				
NOB RPL WP E 16.006	For Ti Interface engaging	50.006/52.006	14.006	WP	
NOB RPL WP NE 15.006	For Ti Interface non-engaging				
STR BLV NC E 16.043	For Ti Interface engaging	50.043/52.043	14.043	NC	STRAUMANN® BONE LEVEL
STR BLV NC NE 15.043	For Ti Interface non-engaging				
STR BLV RC E 16.044	For Ti Interface engaging	50.044/52.044	14.044	RC	
STR BLV RC NE 15.044	For Ti Interface non-engaging				
STR STLVRN E 16.009	For Ti Interface engaging	50.009/52.009	14.009	RN	STRAUMANN® SOFT TISSUE LEVEL
STR STLVRN NE 15.046	For Ti Interface non-engaging				
STR STLVRN WN E 16.045	For Ti Interface engaging	50.045/52.045	14.045	WN	
STR STLVRN WN NE 15.045	For Ti Interface non-engaging				
STR SYN RN E 16.010	For Ti Interface engaging	50.010/52.010	14.010	RN on synOcta®	STRAUMANN® SOFT TISSUE LEVEL WITH synOcta® ABUTMENT
STR SYN RN NE 15.010	For Ti Interface non-engaging				
STR SYN WN E 16.048	For Ti Interface engaging	50.048/52.048	14.046	WN on synOcta®	
STR SYN WN NE 15.048	For Ti Interface non-engaging				
ZIM SCV NP E 16.017	For Ti Interface engaging	50.017/52.017	14.017	NP	ZIMMER SCREW-VENT®
ZIM SCV NP NE 15.017	For Ti Interface non-engaging				
ZIM SCV RP E 16.018	For Ti Interface engaging	50.018/52.018	14.018	RP	
ZIM SCV RP NE 15.018	For Ti Interface non-engaging				
ZIM SCV WP E 16.019	For Ti Interface engaging	50.019/52.019	14.019	WP	
ZIM SCV WP NE 15.019	For Ti Interface non-engaging				

Table 4.4 DESS TITANIUM INTERFACE

LIBRARY FILE FROM THE GROUP "DESS SYNOCTA® DIRECT (Bars and Bridges)"	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	PLATFORM	IMPLANT TYPE
DESS STR SYN RN	Direct connection on synOcta®	50.010/52.010	14.010	RN on synOcta®	STRAUMANN® SOFT TISSUE LEVEL WITH synOcta® ABUTMENT
DESS STR SYN WN	Direct connection on synOcta®	50.048/52.048	14.046	WN on synOcta®	

Table 4.3 DESS SYNOCTA® DIRECT

LIBRARY FILE FROM THE GROUP "DESS UNIABUTMENT® DIRECT (UniAbutment® Scan Abutment)"	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	PLATFORM	IMPLANT TYPE
UNIABUTMENT® 20°	Direct connection on UniAbutment®	50.036/52.036	14.036	UniAbutment®20°	UNIABUTMENT® ON ASTRA TECH™ OSSEOSPEED™
UNIABUTMENT® 45°	Direct connection on UniAbutment®	50.037/52.037	14.037	UniAbutment®45°	

Table 4.5 DESS UNIABUTMENT® DIRECT (UniAbutment® Scan Abutment)

LIBRARY FILE FROM THE GROUP "DESS MULTI-UNIT® DIRECT (Multi-unit® Scan Abutment)"	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	PLATFORM	IMPLANT TYPE
MULTI-UNIT®	Direct connection on Multi-unit®	50.007/52.007	14.007	RP	MULTI-UNIT®
MULTI-UNIT® WP	Direct connection on Multi-unit®	50.047/52.047	14.047	WP	

Table 4.6 DESS MULTI-UNIT® DIRECT (Multi-unit® Scan Abutment)

LIBRARY FILE FROM THE GROUP “DESS AURUM INTERFACE”	CONNECTION TO BE MILLED	SCAN ABUTMENT (Desktop/Intraoral)	ANALOGUE	PLATFORM	IMPLANT TYPE
3i® CER NP E 37.014	For Ti Interface engaging	50.014/52.014	14.014	NP	3i® OSSEOTITE® CERTAIN®
3i® CER NP NE 36.014	For Ti Interface non-engaging				
3i® CER RP E 37.015	For Ti Interface engaging	50.015/52.015	14.015	RP	
3i® CER RP NE 36.015	For Ti Interface non-engaging				
3i® CER WP E 37.016	For Ti Interface engaging	50.016/52.016	14.016	WP	
3i® CER WP NE 36.016	For Ti Interface non-engaging				
3i® OSS NP E 37.011	For Ti Interface engaging	50.011/52.011	14.011	NP	3i® OSSEOTITE®
3i® OSS NP NE 36.011	For Ti Interface non-engaging				
3i® OSS RP E 37.012	For Ti Interface engaging	50.012/52.012	14.012	RP	
3i® OSS RP NE 36.012	For Ti Interface non-engaging				
3i® OSS WP E 37.013	For Ti Interface engaging	50.013/52.013	14.013	WP	
3i® OSS WP NE 36.013	For Ti Interface non-engaging				
AST EV 3.6 E 37.059	For Ti Interface engaging	50.059/52.059	14.059	EV 3.6	ASTRA TECH™ IMPLANT SYSTEM™ EV
AST EV 3.6 NE 36.059	For Ti Interface non-engaging				
AST EV 4.2 E 37.060	For Ti Interface engaging	50.060/52.060	14.060	EV 4.2	
AST EV 4.2 NE 36.060	For Ti Interface non-engaging				
AST EV 4.8 E 37.061	For Ti Interface engaging	50.061/52.061	14.061	EV 4.8	
AST EV 4.8 NE 36.061	For Ti Interface non-engaging				
AST OSS AQUA® E 37.024	For Ti Interface engaging	50.024/52.024	14.024	RP	ASTRA TECH™ OSSEOSPEED™
AST OSS AQUA® NE 36.024	For Ti Interface non-engaging				
AST OSS LILAC® E 37.025	For Ti Interface engaging	50.025	14.025	WP	
AST OSS LILAC® NE 36.025	For Ti Interface non-engaging				
BH EXTERNAL NP E 37.051	For Ti Interface engaging	50.020/52.020	14.020	NP	BIOHORIZONS®
BH EXTERNAL NP NE 36.051	For Ti Interface non-engaging				
BH EXTERNAL RP E 37.052	For Ti Interface engaging	50.021/52.021	14.021	RP	
BH EXTERNAL RP NE 36.052	For Ti Interface non-engaging				
BH EXTERNAL WP E 37.053	For Ti Interface engaging	50.022/52.022	14.022	WP	
BH EXTERNAL WP NE 36.053	For Ti Interface non-engaging				
DEN ANK E GH1 37.050	For Ti Interface engaging	50.049/52.049	14.048	GH1	ANKYLOS® C/X
DEN ANK E GH2 37.250	For Ti Interface engaging			GH2	
DEN ANK NE GH1 36.050	For Ti Interface non-engaging			GH1	
DEN ANK NE GH2 36.250	For Ti Interface non-engaging			GH2	
DEN XIV 3.4 E 37.038	For Ti Interface engaging	50.038/52.038	14.038	NP	FRIADENT® XIVE®
DEN XIV 3.4 NE 36.038	For Ti Interface non-engaging				
DEN XIV 3.8 E 37.039	For Ti Interface engaging	50.039/52.039	14.039	RP	
DEN XIV 3.8 NE 36.039	For Ti Interface non-engaging				
DEN XIV 4.5 E 37.040	For Ti Interface engaging	50.040/52.040	14.040	WP	
DEN XIV 4.5 NE 36.040	For Ti Interface non-engaging				
MIS SEV RP E 37.017	For Ti Interface engaging	50.017/52.017	14.017	RP	MIS SEVEN®
MIS SEV RP NE 36.017	For Ti Interface non-engaging				
MIS SEV WP E 37.018	For Ti Interface engaging	50.018/52.018	14.018	WP	
MIS SEV WP NE 36.018	For Ti Interface non-engaging				
MULTI-UNIT® 36.007	For Ti Interface non-engaging	50.007/52.007	14.007	RP	MULTI-UNIT®
MULTI-UNIT® WP 36.054	For Ti Interface non-engaging	50.047/52.047	14.047	WP	
NOB ACT NP E 37.041	For Ti Interface engaging	50.041/52.041	14.041	NP	NOBEL ACTIVE™
NOB ACT NP NE 36.041	For Ti Interface non-engaging				
NOB ACT RP E 37.042	For Ti Interface engaging	50.042/52.042	14.042	RP	
NOB ACT RP NE 36.042	For Ti Interface non-engaging				
NOB BRK NP E 37.001	For Ti Interface engaging	50.001/52.001	14.001	NP	BRÄNEMARK SYSTEM®
NOB BRK NP NE 36.001	For Ti Interface non-engaging				
NOB BRK RP E 37.002	For Ti Interface engaging	50.002/52.002	14.002	RP	
NOB BRK RP NE 36.002	For Ti Interface non-engaging				
NOB BRK WP E 37.003	For Ti Interface engaging	50.003/52.003	14.003	WP	
NOB BRK WP NE 36.003	For Ti Interface non-engaging				
NOB RPL NP E 37.004	For Ti Interface engaging	50.004/52.004	14.004	NP	NOBEL REPLACE®
NOB RPL NP NE 36.004	For Ti Interface non-engaging				
NOB RPL RP E 37.005	For Ti Interface engaging	50.005/52.005	14.005	RP	
NOB RPL RP NE 36.005	For Ti Interface non-engaging				
NOB RPL WP E 37.006	For Ti Interface engaging	50.006/52.006	14.006	WP	
NOB RPL WP NE 36.006	For Ti Interface non-engaging				
STR BLV NC E 37.043	For Ti Interface engaging	50.043/52.043	14.043	NC	STRAUMANN® BONE LEVEL
STR BLV NC NE 36.043	For Ti Interface non-engaging				
STR BLV RC E 37.044	For Ti Interface engaging	50.044/52.044	14.044	RC	
STR BLV RC NE 36.044	For Ti Interface non-engaging				
STR STLVR RN E 37.009	For Ti Interface engaging	50.009/52.009	14.009	RN	STRAUMANN® SOFT TISSUE LEVEL
STR STLVR RN NE 36.046	For Ti Interface non-engaging				
STR STLVR WN E 37.045	For Ti Interface engaging	50.045/52.045	14.045	WN	
STR STLVR WN NE 36.047	For Ti Interface non-engaging				
ZIM SCV NP E 37.017	For Ti Interface engaging	50.017/52.017	14.017	NP	ZIMMER SCREW-VENT®
ZIM SCV NP NE 36.017	For Ti Interface non-engaging				
ZIM SCV RP E 37.018	For Ti Interface engaging	50.018/52.018	14.018	RP	
ZIM SCV RP NE 36.018	For Ti Interface non-engaging				
ZIM SCV WP E 37.019	For Ti Interface engaging	50.019/52.019	14.019	WP	
ZIM SCV WP NE 36.019	For Ti Interface non-engaging				

Table 4.7 DESS AURUM INTERFACE

These instructions replace all previous editions. For any detailed information about DESS® products please contact your local distributor. The photographs of the products are for information purposes only. The type, reference and connection of each element should be checked.

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