CADdent®

Products & Services

Quality of CADdent®

from technician to technician

Contacts

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from technician to technician

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Further materials and indications are available on request.

All prices are valid per unit, plus statutory 7 % VAT + shipping costs.
Errors, misprints, price changes reserved. Status: 06/2020


LaserMelting CoCr (NP) / Titanium / Gold

CoCr (NP)

remanium® star

- Excellent veneering due to low coefficient of thermal expansion
- No oxidation necessary
- Nickel free

Indications

- Crowns and bridges up to 14 units
- Implant-supported superstructures
- Primary and secondary parts for combined dentures
- Partial frameworks / Clasp designs

Parameters

Margin thickness:	0,10
Wall thickness:	0,40
Connector section:	7 mm^2
Clasp section:	1,20

Technical details

CTE (25 - 500 °C):	14,1 * 10^{-6} K^{-1}
Modulus of elasticity:	190 GPa
Hardness:	280 (HV_{10})
Bending strength:	1050 - 1100 MPa
Density:	8,6 g / cm^3

Composition in mass %

Co	60,5
Cr	28
W	9
Si	1,5
Mn, N, Nb, Fe	< 1

LaserMelting	File		Intraoral & model scan[1]	
	grinded	not grinded	grinded	not grinded
Single coping / crown / bridge up to 14 units	12.79 €	9.90 €	+15.00 €	
Additional Services				
Standby[2]	-1.00 €		-	
OneDay[2]	-	+4.90 €		
Goodwill insurance[2]	+0.85 €			
Additional weight[2]	+5.00 €			
Repair of files[2]	+5.00 €			
Grinding of occlusal surface (Additional costs for occlusal surface or similar)	+4.50 €	-	+4.50 €	-
Accessories	**TK-Soft mini 2101**		**TK Soft 2001**	
Friction adjusting element Si-tec®	18.90 €		15.00 €	

[1] Construction surcharge for files
[2] Explanation on page 43

Titanium

rematitan®

- Use of only the purest raw materials
- Highest corrosion resistance and scientifically proven biocompatibility
- Excellent bond strength with veneering ceramics

Indications

- Crowns and bridges up to 14 units
- Implant-supported superstructures
- Primary and secondary parts for combined dentures
- Partial frameworks / Clasp designs

Parameters

Margin thickness:	0,10
Wall thickness:	0,40
Connector section:	7 mm^2
Clasp section:	1,20

Technical details

CTE (25 - 500 °C):	10,16 * 10^{-6} K^{-1}
Modulus of elasticity:	115.000 MPa
Density:	4,5 g / cm^3
Yield strength:	950 MPa

Composition in mass %

Ti	90
AI	6
V	4
N, C, H, Fe, O	< 1

LaserMelting	File		Intraoral & model scan[1]	
	grinded	not grinded	grinded	not grinded
Single coping / crown / bridge up to 14 units	19.49 €	16.99 €	+15.00 €	
Additional Services				
Standby[2]	-1.00 €		-	
OneDay[2]	-	+4.90 €		
Goodwill insurance[2]	+0.85 €			
Additional weight[2]	+5.00 €			
Repair of files[2]	+5.00 €			
Grinding of occlusal surface (Additional costs for occlusal surface or similar)	+7.50 €	-	+7.50 €	-
Accessories	**TK-Soft mini 2101**		**TK Soft 2001**	
Friction adjusting element Si-tec®	18.90 €		15.00 €	

[1] Construction surcharge for files
[2] Explanation on page 43

High gold alloy

CADgold 84

High gold, light yellow ceramic alloy. Excellent veneering, ideal metal structure and absolutely cavity-free. Ideal for high-melting ceramics.

Indications

- Crowns and bridges up to 14 units
- Primary telescopic crowns
- Bars

Parameters

Margin thickness:	0,15
Wall thickness:	0,40
Connector section:	7 mm^2

Technical details

CTE (25 - 500 °C):	14,2 * 10^{-6} K^{-1}
Modulus of elasticity:	95,3 GPa (s), 98 GPa (k)
Hardness:	216 HV_{10} (s), 200 HV_{10} (k)
0,2 % yield point:	480 MPa (s), 503 MPa (k)
Elongation at break:	7,6 % (s), 8,3 % (k)
Density:	18,2 g / cm^3
Melting range solidus:	1028 °C
Melting range liquidus:	1193 °C

Composition in mass %

Au	84,2
Pt	7,7
Pd	5,3
In	2,4
Fe, Ir, Ru	< 1

Colour

Light yellow

(s): self cured
(k): after ceramic firing

Including 10 % processing surcharge (equivalent to € 7,45)

LaserMelting not grinded	File		Intraoral & model scan
	Base price per unit	+ each gram	
Single coping / crown / bridge up to 14 units	0 €	81,95 €	-
primary telescopic crown (not parallelized)			
Bar per unit			
Additional Services			
Standby[1]	-1,00 €		-
OneDay[1]	-	+4.90 €	
Virtual rework / „scratching out“	+14.50 €		
Grinding of occlusal surface[2]	0 €		

[1] Explanation on page 43
[2] Filing remains with us

Milling Technology CoCr (NP) / Titanium

CoCr (NP)

Scheftner NP

- Excellent biocompatibility
- No castholes or pores
- Nickel and beryllium free
- Excellent metal-ceramic bonding
- High corrosion resistance

Indications

- Single crowns and bridges in each span length / up to 14 units
- Primary and secondary parts
- Implant-supported superstructures
- Full crowns and bridges

Parameters

Margin thickness:	0,10
Wall thickness:	0,40
Connector section:	7 mm^2

Technical details

Alloy Type:	4
CTE (25 - 500 °C):	14,4 * 10^{-6} K^{-1}
Modulus of elasticity:	206 GPa
Vickers Hardness:	288 HV 10
Elongation at break:	12 %
Tensile strength:	597 MPa
Density:	8,3 g / cm^3
0,2 % proof stress:	413 MPa

Composition in mass %

Co	65
Cr	28
Mo	5
C, Si, Nb, Mn, Fe	< 1

Milling Technology	File	Intraoral & model scan[1]
Single coping / crown / bridge up to 14 units	29.49 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
OneDay[2]	+7.50 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Titanium alloy

Scheftner Ti5

- Good biocompatibility
- Good corrosion resistance
- Exact fit
- Good tolerance
- High wearing comfort

Indications

- Crowns and bridges up to 14 units
- Bridges with small cross section
- Bars or implant-supported superstructures

Parameters

Margin thickness:	0,10
Wall thickness:	0,40
Connector section:	7 mm^2

Technical details

Titanium Grade 5 Type 4

CTE (20 - 600 °C):	10,3 * 10^{-6} K^{-1}
Vickers Hardness:	330 HV 5 / 30
Elongation at break:	15 %
Tensile strength:	921 MPa
Density:	4,4 g / cm^3
0,2 % yield point:	837 MPa

Composition in mass %

Ti	89,4
AI	6,2
V	4
N, C, H, Fe, O	< 1

Milling Technology	File	Intraoral & model scan[1]
Single coping / crown / bridge up to 14 units	35.89 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Titanium pure

Scheftner Ti4

- Extremely good biocompatibility
- Extremely high hardness and breaking strength values
- Exact fit
- Very low density, therefore good wearing comfort
- Good tolerance

Indications

- Crowns and bridges up to 14 units
- Bars or implant-supported superstructures

Parameters

Margin thickness:	0,10
Wall thickness:	0,40
Connector section:	7 mm^2

Technical details

Titanium Grade 4 Type 4

CTE (20 - 600 °C):	9,7 * 10^{-6} K^{-1}
Vickers Hardness:	>200 HV 5 / 30
Elongation at break:	23,5 %
Tensile strength:	599 MPa
Density:	4,5 g / cm^3
0,2 % yield point:	504 MPa

Composition in mass %

Ti	99
N, C, H, Fe, O	< 1

Milling Technology	File	Intraoral & model scan[1]
Single coping / crown / bridge up to 14 units	35.89 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Milling Technology Zirconia

Zirconia

Zirconia Vita Colours Translucent

Ivoclar IPS e.max® ZirCAD LT	Sagemax NexxZr T
IPS e.max ZirCAD LT is the allrounder in the portfolio. The material combines high mechanical stability with pleasing esthetics.	The material is specially designed for the production of fixed and removable dentures. These include crowns and bridges as well as conical telescope crowns.
Indications • Framework structures and monolithic crowns and bridges up to 14 units • Implant-supported superstructures	**Indications** • Framework structures of crowns and bridges up to 14 units with a maximum of two pontics
Technical details CTE (25 - 500 °C): 10,5 ± 0,5 * 10^{-6} K^{-1} Bending strength: 1200 MPa	**Technical details** CTE (25 - 500 °C): 9,5 ≤ CTE* ≤ 10,5 ± 0,5 * 10^{-6} K^{-1} Bending strength: 1270 MPa
Parameters Margin thickness: 0,25 Wall thickness: 0,60 Connector section: 9 mm^2 - 15 mm^2	**Parameters** Margin thickness: 0,25 Wall thickness: 0,60 Connector section: 9 mm^2 - 15 mm^2
Colours BL, A1, A2, A3, B1, B2, C2, D2	**Colours** A3.5, A4, B3, B4, C1, C3, C4, D3, D4

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 14 units	25.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
OneDay[2]	+7.50 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Ivoclar IPS e.max® ZirCAD MO

IPS e.max ZirCAD MO has been developed for application in the classic veneering technique. Even discoloured preparations and metal cores can be effectively concealed due to the material's heightened opacity. It allows the fabrication of customized, highly esthetic restorations.

Indications

- Framework structures of crowns and bridges up to 14 units with a maximum of two pontics
- Implant-supported superstructures

Technical details

CTE (25 - 500 °C):	10,5 ± 0,5 * 10^{-6} K^{-1}
Bending strength:	1150 MPa

Parameters

Margin thickness:	0,25
Wall thickness:	0,60
Connector section:	9 mm^2 - 15 mm^2

Colours

monochromatic discs in group colours

MO 0:	BL1, BL2, BL3, BL4
MO 1:	A1, A2, B1
MO 2:	B2, C1, D2
MO 3:	A3.5, A3, B3, B4, D3
MO 4:	A4, C2, C3, C4, D4

Milling Technology	File MO 0	File MO 1 - 4	Intraoral & model scan[1]
Single coping / bridge up to 14 units	19.99 €	25.99 €	+15.00 €

Additional Services

Standby[2]	-2.50 €		-
Goodwill insurance[2]	+2.00 €		
OneDay[2]	+7.50 €		
Express Service[2]	+4.90 €		
Drops / occlusal pins grinded	+2.40 €		
Fully anatomical design	-		+16.50 €
Vestibular design			+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Ivoclar IPS e.max® ZirCAD Prime

IPS e.max ZirCAD Prime is the revolutionary multi-zirconia. It is characterized by a unique combination of raw materials with the new manufacturing technology Gradient Technology and by remarkable properties in only one material and is thus the „one disc solution".

Indications

- Framework structures, monolithic crowns and bridges up to 14 units with a maximum of two pontics

Technical details

CTE (25 - 500 °C):	10,5 ± 0,5 * 10^{-6} K^{-1}
Bending strength:	650 - 1200 MPa

Parameters

Margin thickness:	0,25
Wall thickness:	0,60 | Full anatomy: 0,80
Connector section:	9 mm^2 - 15 mm^2

Colours

A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 14 units	45.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+4.50 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Kulzer dima® Mill Zirconia ST

- Proven solution with a natural look and reduced translucency
- To be used where light transmission is not desired or required

Indications

- Wide span structures up to 14 units with a maximum of two pontics
- Two-piece abutments

Technical details

CTE (25 - 500 °C):	11,2 * 10^{-6} K^{-1}
Bending strength:	± 1300 MPa

Parameters

Margin thickness:	0,25
Wall thickness:	0,60
Connector section:	9 mm^2 - 15 mm^2

Colours

White, B light, A intensive

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 14 units	27.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Kulzer dima® Mill Zirconia HT

- High translucency and specific coloring for particularly natural-looking results
- Excellent alternative to NEM crowns - not only in the posterior region
- The material is characterized by its chromatic, dentin-like coloring and thus forms the perfect basis for the ceramic veneering

Indications

Framework structures of crowns and bridges up to 14 units with a maximum of two pontics

Technical details

CTE (25 - 500 °C):	11,2 * 10^{-6} K^{-1}
Bending strength:	± 1200 MPa

Parameters

Margin thickness:	0,25
Wall thickness:	0,60
Connector section:	9 mm^2 - 15 mm^2

Colours

A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
For the monolithic restoration, the frame should be chosen in one shade lighter.

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 14 units	29.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Kulzer dima® Mill Zirconia HTE

- Very translucent with low bending strength
- Very high translucency

Indications

- Framework structures, monolithic crowns and bridges up to 3 units
- Fully anatomical, monolithic crowns and structures for the anterior and posterior region

Technical details

CTE (25 - 500 °C):	10,6 * 10^{-6} K^{-1}
Bending strength:	± 650 MPa

Parameters

Margin thickness:	0,25
Wall thickness:	0,50
Connector section:	9 mm^2 - 15 mm^2

Colours

A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge 2 - 3 units	29.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Kulzer dima® Mill Zirconia ML

- Consists of four precolored layers
- Allows a natural restoration
- For fully anatomical crowns, polishing, painting and glazing techniques can be used

Indications

- Crown frameworks
- Splinted crown frameworks
- Multi-unit bridge frameworks up to 16 units
- Monolithic crowns and bridges

Technical details

CTE (25 - 500 °C):	10,5 * 10^{-6} K^{-1}
Bending strength:	± 1200 MPa

Parameters

Margin thickness:	0,25
Wall thickness:	0,60
Connector section:	9 mm^2 - 15 mm^2

Colours

A light: A1 - A2
B light: B1 - B2
C light: C1 - C2

A dark: A3 - A3.5
B dark: B3 - B4

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 16 units	39.99 €	+15.00 €

Additional Services

Standby[2]	-2.50 €	-
Goodwill insurance[2]	+4.50 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Katana™ Zirconia ML

- Consists of four precolored layers
- Allows a natural restoration
- For fully anatomical crowns, polishing, painting and glazing techniques can be used

Indications

- Crown frameworks
- Splinted crown frameworks
- Multi-unit bridge frameworks up to 14 units
- Monolithic crowns and bridges

Technical details

CTE (25 - 500 °C):	9,9 (±0,2) * 10^{-6} K^{-1}
Bending strength:	1050 - 1100 MPa
Glaze firing:	low melting at approx. 740 °C

Parameters

Margin thickness:	0,25
Wall thickness:	0,60
Connector section:	9 mm^2 - 15 mm^2

Colours

Multi-Layered:

A light:	A1,5 - A2
A dark:	A2,5 - A3,5
B light:	B1,5 - B2
C light:	C1,5 - C2
D light:	D1,5 - D2

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 14 units	37.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Drops / occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Zirconia

Katana™ Zirconia UTML

- KATANA ™ Zirconia is a glass-like translucent zirconia that meets the requirements for maximum translucency for anterior crowns and veneers. All layers are highly translucent, reducing color saturation in the incisal area. The transparency of the natural enamel is copied and the stump color is recorded
- For fully anatomical crowns, polishing, painting and glazing techniques can be used

Indications

- Single crowns
- Inlays
- Onlays
- Veneers
- Bridges up to 3 units (anterior region)

Technical details

CTE (25 - 500 °C):	9,7 (±0,2) * 10^{-6} K^{-1}
Bending strength:	557 MPa

Parameters

Wall thickness:	Front crown and bridge	0,8
	Veneer	0,4
	Inlay and onlay	0,5

Colours

All Vita colours (except A1)

Milling Technology	File	Intraoral & model scan[1]
Single coping / bridge up to 3 units	37.99 €	+15.00 €
Additional Services		
Standby[2]	-2.50 €	-
Goodwill insurance[2]	+4.50 €	
Express Service[2]	+4.90 €	
Drops/occlusal pins grinded	+2.40 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Milling Technology Glass / Leucite / Resin Nano Ceramics

Glass ceramics

Ivoclar IPS e.max® CAD HT / LT

- IPS e.max CAD is a lithium disilicate glass-ceramic block for the CAD/CAM technique. It is fabricated using an innovative process which provides an impressive homogeneity of the material
- The block can be processed very easily in a CAD/CAM unit in this crystalline intermediate stage
- The typical and striking colour of IPS e.max CAD ranges from whitish to blue and bluish-grey. This shade is a result of the composition and the microstructure of the glass-ceramic

Indications

- Veneers, inlays, onlays and partial crowns
- Crowns in the anterior and lateral areas
- Bridges up to 3 units
- Primary telescope crowns

Technical details

CTE (100 - 400 °C):	10,2
CTE (100 - 500 °C):	10,5
Bending strength:	360 MPa
Crystallization temperature:	840 - 850 °C

Parameters

Margin thickness:	0,40
Wall thickness:	0,60
Connector dimensions:	9 mm^2 - 15 mm^2

Colours

All Vita colours

Milling Technology	HT	LT	Intraoral & model scan[1]
Single coping	48.90 €	48.90 €	+15.00 €
Bridge up to 3 units	-	58.90 €	

Additional Services

Standby[2]	-3.90 €		-
Goodwill insurance[2]	+5.50 €		
Fully anatomical design	-		+16.50 €
Vestibular design			+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Leucite ceramics

VITA TriLuxe

- Industrially manufactured, fine-structure feldspar ceramic blocks
- They excel in their unique combination of feldspar materials and a fine-particle structure, which lead to high resistance to chipping, protection of the natural tooth substance against abrasion and excellent polishing properties

Indications

- Inlay, onlay and veneer
- Front and side crowns

Technical details

CTE (25 - 500 °C):	9,4 ± 0,1 $10^{-6} \cdot K^{-1}$
Bending strength:	154 ± 15 MPa
Transformation range:	780 - 790 °C

Parameters

Margin thickness:	0,40
Wall thickness:	0,60

Colours

1M2 (A1), 2M2 (A2), 3M2 (A3)

Milling Technology	File	Intraoral & model scan[1]
Single coping	49.50 €	+15.00 €

Additional Services

Standby[2]	-3.90 €	-
Goodwill insurance[2]	+5.50 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Resin Nano Ceramics

3M ESPE Lava Ultimate

The Lava Ultimate restoration material is a composite ceramics based on the Resin Nano Ceramics technology (RNC), which contains approx. 80 % (mass fraction) of nano ceramic particles incorporated in the resin matrix.

- Low wear
- Antagonist friendly
- Natural chewing sensation

Indications

- Inlays
- Onlays
- Veneers

Technical details

Duration of use:	Permanent dentures
Bending strength:	200 MPa
Density:	2,1 g / cm^3

Parameters

Margin thickness:	0,40
Wall thickness:	0,60

Colours

HT: A1, A2, A3, B1
LT: bleach, A1, A2, A3, A3.5, B1, C2, D2

Milling Technology	File	Intraoral & model scan[1]
Inlay, Onlay, Veneer	52.50 €	+15.00 €

Additional Services

Standby[2]	-3.90 €	-
Goodwill insurance[2]	+5.50 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Milling Technology Plastics / Wax

Plastics

Weithas Provisional Plastics (PMMA)

PMMA Monocolor consists of the purest polymethyl methacrylate, which is also used as a raw material for the production of the most modern highly cross-linked plastic teeth. The discs are approved as class 2a product, thus approved for permanent use in the mouth. Since the material is identical to those of prosthetic teeth, there is no restriction in the oral resistance here. However, the manufacturer recommends a maximum wearing time without follow-up of the dentist of 12 months.

Indications

- Permanent wearing time
- Crowns and bridges up to 14 units (up to 2 pontics span)

Technical details

Bending strength:	90 MPa
Density:	1,18 g / cm^3
Water absorption:	23 µg / mm^3

Parameters

Margin thickness:	0,15
Wall thickness:	0,60
Connector dimensions:	9 mm^2 - 15 mm^2

Colours

BL3, A1, A2, A3, A3.5, B1

Milling Technology	File	Intraoral & model scan[1]
Single coping / Bridge up to 14 units	9.90 €	+15.00 €
Additional Services		
Standby[2]	-1.00 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Plastics

Vita CAD-Temp® multiColor

The material consist of a unique fiber-free, homogeneous, high-molecular and cross-linked acrylate polymer. In the MRP material (Microfiller Reinforced Polyacrylic) developed by VITA inorganic microfillers are polymerized into the network and a completely homogeneous, methyl methacrylate-free material is obtained by the unique NPV repressing technique of VITA, which exhibits superior material quality and outstanding abrasion resistance.

Indications

- Multi-unit, full or partial anatomical long-term bridgework with up to 2 pontics span
- Wear time up to 3 years
- Front and lateral crowns and bridges

Technical details

Bending strength:	> 80 MPa (Nmm-2)
Modulus of elasticity:	ca. 2800 MPa (Nmm-2)
Softening temperature:	ca. 118 °C (DSC)

Parameters

Margin thickness:	0,15
Wall thickness:	0,50
Connector dimensions:	9 mm^2 - 15 mm^2

Colours

4-layer coloured in: 1M2 (A1), 2M2 (A2), 3M2 (A3)

Milling Technology	File	Intraoral & model scan[1]
Single coping / Bridge up to 14 units	15.00 €	+15.00 €
Additional Services		
Standby[2]	-1.00 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Plastics

PEEK

- Bone-like elasticity
- Ideal for patients with metal allergy
- Biocompatibility
- High durability

Indications

- Permanent duration of use
- Fully and partially removable dentures
- Implant-supported dentures and implant-supported bars
- Front and lateral crowns
- Not intended for bridges with two or more pontics

Technical details

Bending strength:	≥ 85 MPa
Modulus of elasticity:	≥ 3000 MPa
Compressive strength:	118 MPa
Tensile strength:	100 MPa
Density:	1,46 - 1,55 g / cm^3

Parameters

Margin thickness:	0,25	
Wall thickness:	0,60	
Connector dimensions:	Front	10 mm^2
	Side	16 mm^2

Colours

White, other colours on request

Milling Technology	File	Intraoral & model scan[1]
Single coping / Bridge up to 14 units	35.00 €	+15.00 €

Additional Services

Standby[2]	-2.50 €	-
Goodwill insurance[2]	+2.00 €	
Express Service[2]	+4.90 €	
Fully anatomical design	-	+16.50 €
Vestibular design		+8.25 €

[1] Construction surcharge for files
[2] Explanation on page 43

Wax

CADdent Wax

- Almost residue-free burnable
- Ideal alternative for manufacturing lost forms for the casting process pressing and overpressing
- High melting point
- Thanks to its low coefficient of expansion, even large work can be achieved without compromising accuracy of fit

Indications

- Try-in structures

Technical details

Density:	0,92 g / cm^3
Odor:	pleasant and characteristic
Melting point:	58 °C
Boiling point:	> 177 °C
Solubility in water:	insoluble

Parameters

Margin thickness:	0,25
Wall thickness:	0,50
Hight:	max. 20 mm

Milling Technology	File	Intraoral & model scan
Casting, pressing and overpressing technique	9.50 €	-

Additional Services

Standby[1]	-1.00 €	-

[1] Explanation on page 43

Special Products

Partial Frameworks

Material
CoCr (NP) P. 5
Titanium P. 6
PEEK P. 29

LaserMelting CoCr (NP) (remanium® star)	File			Intraoral & model scan[1]
	grinded and polished	grinded	not grinded	
Clasps incl.	118,00 €	98,00 €	78,00 €	+30,00 €
Repair parts	-	47,50 €	34,50 €	
Retention grid		92,00 €	78,00 €	
LaserMelting Titanium (rematitan®)	**File**			**Intraoral & model scan[1]**
	grinded and polished	grinded	not grinded	
Clasps incl.	201,00 €	-	142,00 €	+30,00 €
Repair parts	-	53,50 €	40,50 €	
Retention grid		156,00 €	142,00 €	
PEEK Plastics	**File**			
Clasps incl.	295,00 €			-
Single clasp	49,00 €			
Additional Services Partial Frameworks (CoCr (NP) / Titanium)	**File**			
Goodwill insurance[2]	+9,50 €			-
Additional weight[2]	+5,00 €			
Express Service[2]	+34,00 €			
Additional Services Repair Parts (CoCr (NP) / Titanium)	**File**			
Goodwill insurance[2]	+4,50 €			-
Additional Services Partial Frameworks (PEEK)	**File**			
Goodwill insurance[2] Partial Frameworks	+30,00 €			-
Goodwill insurance[2] Clasps	+4,50 €			

[1] Construction surcharge for files
[2] Explanation on page 43

LaserMelting CoCr (NP) / Titanium

Orthodontics

Indications
- Herbst Design
- Herbst Frame
- Retainer
- Other orthodontic appliances on request

Parameters

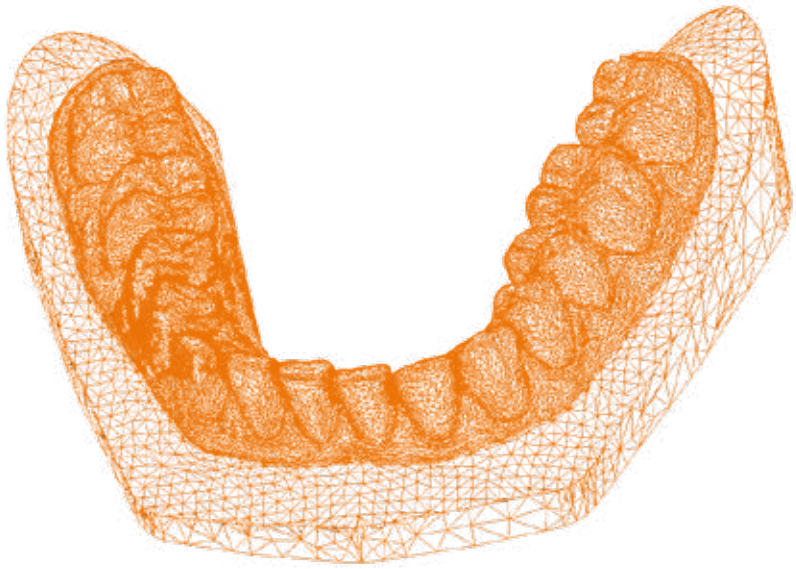
Margin thickness:	0,10
Wall thickness (bands):	0,50
Lingual / palatal arch:	1,50
Fixed Retainer: Ø	0,80

LaserMelting CoCr (NP) (remanium® star)	grinded	not grinded	Intraoral & model scan[1]
Herbst Design (band per unit)	6,99 €	5,99 €	+5,40 €
Herbst Frame	73,99 €	49,00 €	+30,00 €
Retainer (per unit)	6,99 €	5,99 €	+5,40 €
LaserMelting Titanium (rematitan®)	**grinded**	**not grinded**	**Intraoral & model scan[1]**
Herbst Design (band per unit)	8,99 €	7,99 €	+5,40 €
Herbst Frame	112,99 €	88,00 €	+30,00 €
Retainer (per unit)	8,99 €	7,99 €	+5,40 €
Additional Services	**Herbst Design**	**Herbst Frame**	**Retainer**
Standby[2]	-0.49 €	-2.90 €	-0,49 €
Goodwill insurance[2]	+0.85 €	+9.50 €	+0,85 €
Additional expenditure grinding and smoothing	+7.00 €	+19.99 €	-

[1] Construction surcharge for files
[2] Explanation on page 43

3D printing models / impression trays

- Models printed in plastics
- Impression trays printed in plastics
- and much more



3D printing saw model	File	Modellscan[1]
Quadrant	29.00 €	+7.90 €
Quadrant Plus	34.00 €	
Entire jaw	37.00 €	
3D printing model		
Quadrant	26.00 €	+7.90 €
Quadrant Plus	32.00 €	
Entire jaw	35.00 €	
3D printing implant model		
Quadrant	29.00 €	+7.90 €
Quadrant Plus	34.00 €	
Entire jaw	37.00 €	
Removable gum mask	11.00 €	
More 3D printing products		
Master model	39.90 €	+7.90 €
Individual impression tray	25.00 €	
Digital surgical template	89.00 €	
Service		
Converted model scan data for construction	-	+7.90 €

[1] raw scan data / design in the model builder

Plastics

Splint CADdent® PMMA

Crystal clear

Cold-curing, methyl methacrylate-based plastics for partial and total plastic technique.

Indications

- Splints

Technical details

Bending strength:	156 ± 6 MPa
Modulus of elasticity:	3000 ± 100 MPa
Vickers Hardness:	23,2 ± 0,3 HV 0,2
Water absorption:	< 32 µg / mm³

Parameters

Vestibular lamellae:	0,60
Edges running out:	0,60
Lingual palatal:	1,8

Colours

Crystal clear

Coloured

Cold-curing, color-stable, methyl methacrylate-based plastics for partial and total plastic technique.

Indications

- Splints

Technical details

Bending strength:	65 MPa
Modulus of elasticity:	2000 MPa
Water absorption:	8,5 µg / mm³
Residual monomer content:	0,90 %

Parameters

Vestibular lamellae:	0,60
Edges running out:	0,60
Lingual palatal:	1,8

Colours

Coloured (pink, green, blue, orange)

Milling Technology	File	Intraoral & model scan[1]
Crystal clear	48.50 €	+34.00 €
Coloured	52.50 €	

Additional Services		
Standby[2]	-7.00 €	-
Goodwill insurance[2]	+5.00 €	

[1] Construction surcharge for files
[2] Explanation on page 43

Plastics

Splint Temp Premium Flexible / Snap-on splint

Temp Premium Flexible is a polycarbonate and a further development of the Plastics Temp Premium. Like Temp Premium it has a special, natural translucency and a very stable surface density, but it is much more flexible.

Indications

- Splints

Parameters

Vestibular lamellae:	0,60
Edges running out:	0,60
Lingual palatal:	1,8

Colours

Crystal clear, tooth colours (A2, A3)

Milling Technology	File	Intraoral & model scan[1]
Crystal clear	70.50 €	+34,00 €
Tooth colour splint	127.00 €	
Tooth colour snap on splint	224,00 €	
Additional Services		
Standby[2] Crystal clear	-7.00 €	-
Standby[2] Tooth colour	-15.00 €	
Goodwill insurance[2] Crystal clear	+7.00 €	
Goodwill insurance[2] Tooth colour	+13.00 €	
Fully anatomical design	+16.50 €	+16,50 €

[1] Construction surcharge for files
[2] Explanation on page 43

Plastics

Splint dentona® optimill memosplint

- Bite splint with thermoplastic flexibility
- Memory effect
- Tension-free wearing comfort
- Extremely unbreakable
- free of bisphenol A (BPA)

Indications

- Splints
- Therapeutic splints
- Reflex, equilibrium and positioning splints

Technical details

Flexural strenght (23 °):	> 20 MPa
Flexural strenght (37 °):	< 20 MPa
Density:	1,1 - 1,2 g / cm^3

Parameters

Vestibular lamellae:	0,9
Edges running out:	0,9

Colours

Crystal clear

When not in use, always store in clear water!

Milling Technology	File	Intraoral & model scan[1]
Splint	99,50 €	+34,00 €

[1] Construction surcharge for files
[2] Explanation on page 43

Plastics

CADdent surgery template

The digitization in the area of implantology allows an exact planning of the implant position and thus reduces the risk for implantologists and patients. The dentures can already be determined in advance.

Indications

- well suited for transparent objects
- stiff and durable
- good moisture resistance

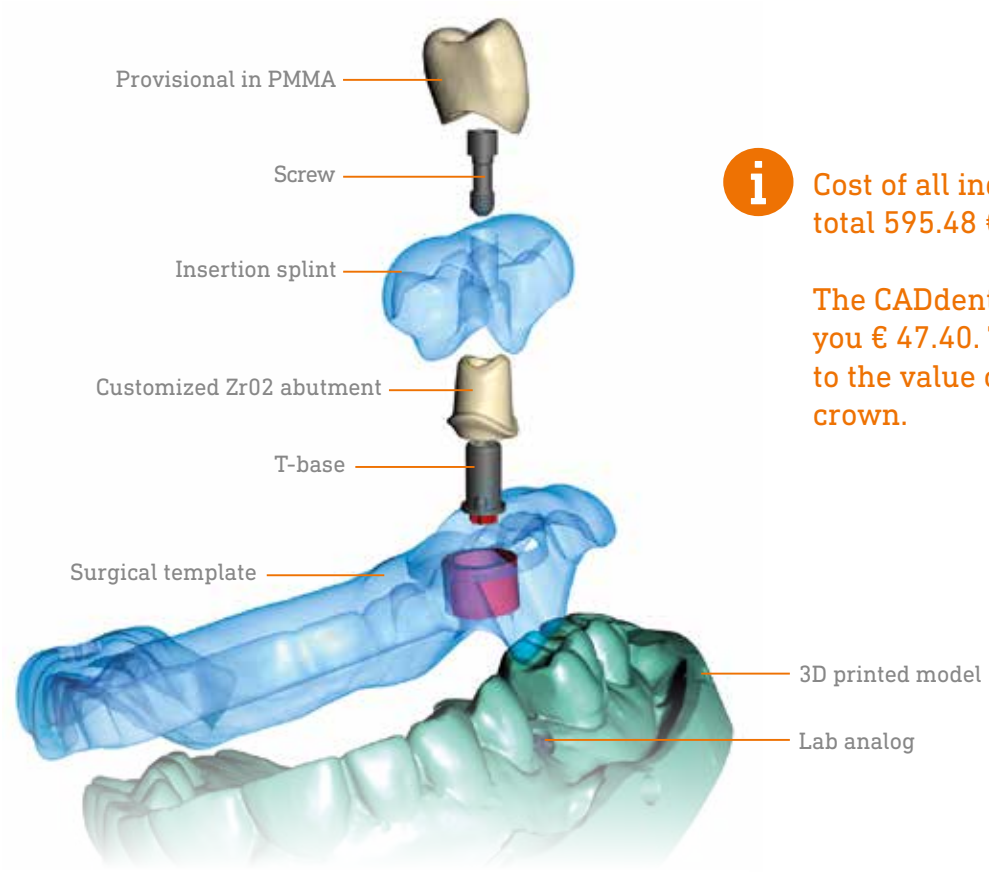
Parameters

Offset:	0,13
Wall thickness:	3,00
Edges running out:	0,6

Colours

Cristal clear (slightly yellowish after printing, brightly transparent after 2 - 4 hours of daylight lamp)

CADdent Bundle



Cost of all individual parts in total 595.48 €.

The CADdent bundle will save you € 47.40. This corresponds to the value of the provisional crown.

3D Printing	File	Model	Intraoral & model scan
Printed surgical template	67,50 €	-	-
Insertion splint	38,00 €	no extra effort	
Printed surgical template + planning + 1 standard mono sleeve (for 1 implant)	299,00 €		
CADdent Bundle[1]	548,08 €		

[1] Raw, not finalized
Explanation on page 44

Abutments

Custom abutments in Scheftner NP / Ivoclar Ti

Design your custom abutments according to your preferences, ideas and requirements. Due to the abutment library which we provide free of charge, you are the designer and are able to send us files which we will produce in the accustomed quality and shortest delivery times.

Preconditions:

- Original model analog
- CADdent library (will be provided by us for free)
- 3Shape Software (from version 15.5.0 onwards), exocad and Dental Wings
- CADdent scan bodies and screw drivers
- Abutment designer

„Standard" Abutments in Scheftner NP / Ivoclar Ti

Individually milled for you.

Production Time:
When ordering until 2 pm by telephone, for ≤ 2 abutments, delivery will be effected on the next working day and ≥ 3 abutments on the 3rd working day.

Provisional „Standard" Abutments made of LaserMelting NP / Ti (remanium® star / rematitan®)

Individually lasered for you.

Production Time:
When ordering until 4 pm by telephone, delivery will be effected on the same working day, if available.

LaserMelting (remanium® star / rematitan®)	CoCr (NP)	Titanium	Intraoral & model scan
Provisional „Standard" abutment (1st screw incl.)	19,50 €	21,50 €	-
Milling Technology (Scheftner)			
Custom abutment (1st screw incl.)	47,50 €	49,50 €	-
„Standard" abutment (1st screw incl.)			
Additional Services			
> 12 mm[1]	+20,00 €		
Goodwill insurance[1] (Custom /„Standard")	+5,50 €		
Goodwill insurance[1] (Provisional)	+0,85 €		
Abutment equipment			
Scan body / Screw driver	59,00 €		-
Additional screw	12,50 €		

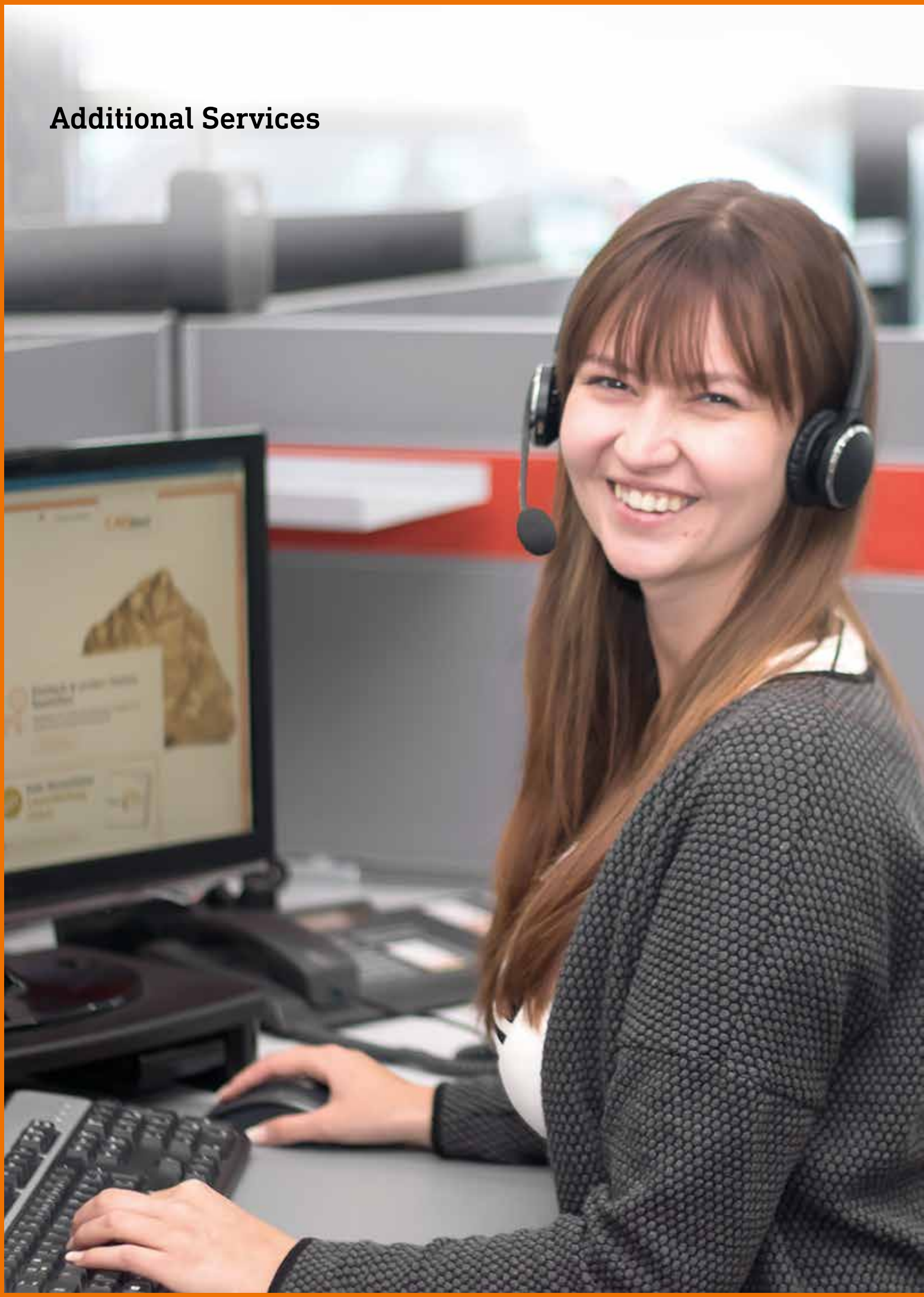
[1] Explanation on page 43

Abutments

File delivery	Diameter	Custom Titanium milled	Custom CoCr (NP) milled	„Standard“ Titanium milled	Provisional Titanium lasered	Provisional CoCr (NP) lasered
AstraTech™	3,5/4,0 • 4,5/5,0	✓	✓	✓	✓	✓
Biomet 3i™ - Certain®	3,4 • 4,1 • 5,0 • 6,0	✓	✓	✓	✓	✓
Biomet 3i™ - Aussenhex (External)	3,4 • 4,1 • 5,0 • 6,0	✓	✓	✓	X	X
Camlog	3,3 • 3,8 • 4,3 • 5,0/6,0	✓	X	✓	✓	✓
Dentsply - Frialit 2	3,4 • 3,8 • 4,5 • 5,5	✓	✓	✓	✓	✓
Nobel Biocare® - Brånemark	3,5 • 4,1 • 5,1	✓	✓	✓	✓	✓
Nobel Biocare® - Multi Unit	4,1/4,8 • 6,0	✓	✓	✓	X	X
Nobel Biocare® - NobelActive™	3,5 • 4,3/5,0	✓	✓	✓	✓	✓
Nobel Biocare® - NobelReplace®	3,5 • 4,3 • 5,0 • 6,0	✓	✓	✓	✓	✓
Straumann - Bone Level	3,3 • 4,1/4,8	✓	✓	✓	4,1/4,8	✓
Straumann - synOcta®	4,8 • 6,5	✓	✓	✓	X	X
Zimmer® Screw vent®	3,5 • 4,5 • 5,7	✓	✓	✓	✓	✓

Material P. 8 - 11

Additional Services



Additional Services

Standby
Standby means, you benefit from an unbeatably favourable price and give us one additional day production time

Preconditions
- for all materials (except partial frameworks)
- only for delivery of file or intraoral and model scan

Goodwill insurance
Our „all-round carefree package“ for you. Insure your work against impression errors and damage. In the event of damage, we will produce again. The credit note will be issued as soon as we have the damaged work in our center. The goodwill insurance covers the following cases: impression errors of your dentist, errors in your design, mistaken color choice, accidental damage in the laboratory, etc.

Preconditions
- only with file delivery
- Design is within the indications
- The credit is issued only for repeated work
- You choose the same material for the repeated work
- The goodwill notification is teported within one year or within one month in case of splints
- We receive the affected work back from you

Excluded are delivery errors made by shipping service providers, as well as special services that were ordered and executed without warranty. Refunds via goodwill insurance up to max. 3.5% of total net sales possible (sales from delivery of files for the respective financial year).

Additional weight
For extra weight in the LaserMelting process every further gram will be surcharged.

Preconditions
- Single coping / Bridge up to 14 units over 2 g per unit (> 230 mm^3)
- Partial frameworks over 20 g (> 2300 mm^3)

Repair of data files (LaserMelting CoCr (NP) / Titanium)
On request, e.g. LaserMelting structure is not connected.

Express Service Milling Technology (Titanium / Zirconia / Plastics)
For urgent orders, which arrive AFTER the deadline and shall be produced the same day. **ONLY after agreement on the phone.**

Express Service LaserMelting (Partial Frameworks)
Urgent orders which have been sent within the deadline and shall be despatched on the **NEXT** working day.

Individual special colouring
Standard shade (tooth neck/dentine/cutting edge).
Material is coloured individually by us before sintering (The colour penetrates the structure). This price includes a standard shade. On request, an individual special colouring is available for a surcharge.

Abutments with excess length > 12mm
In the case of abutments with a length > 12 mm, there is an additional charge due to costly conversion of the machines and the delivery time will be extended by two working days.

OneDay
Selecting this option your order will be dispatched on the same day, if the following conditions are met:

CoCr (NP) milled
- Single crown / bridge up to 5 units (not implant-supported)
- Mon. - Fri. data file incoming till 12 am

LaserMelting (CoCr/titanium) not grinded
- Single crown / bridge
- Mon. - Fri. data file incoming till 9 am

Zirconia (Ivoclar translucent / MO)
- Single crown / bridge up to 3 units
- Mon. - Fri. data file incoming till 9 am

Additional Services

Surgical template

- The minimum planning time per case is 4 minutes, plus the time for the documentation.
- Started planning and data conversions are charged latest after 8 weeks and the delivered documents of the practice in this state are sent back to the practices.
- For planning / surgical templates where no 5 working days are available, an express surcharge of at least € 35.00 will be charged.
- Titanium bases are only available in the CADdent Bundle.

With agreed online planning

- Please observe the scheduled time for you.
- Changes or cancellations must be notified at least 4 hours before the start of the appointment in order to avoid a calculation of „no show costs“ in the amount of € 15.00 to you.

Shipping Costs / Payment Options

International Delivery Costs	File	Intraoral & model scan
Delivery foreign countries (= EU countries) DHL Express - Delivery on the following working day (except periferical areas) Working Days (Mon. - Fri.) *subject to availability	from 5.95 €*	from 5.95 €*

Term of payment for precious metal

Term of payment for precious metal:
5 working days after the date of shipment, exclusively via SEPA direct debit mandate.
For precious metal orders, no discount or special prices on volume will be granted. They do not count in the monthly total sales.

Term of payment (valid for all works except precious metal):
10 days netto

Grant us a direct debit authorization and you will receive 2 % cash discount on the invoice amount. Debiting will be effected every 10th of the following month.

When achieving 4.000,00 € monthly net sales, we grant you a quantity discount of 5 %. Vouchers and LaserMelting flat rate excluded.

Production Times

File delivery

LaserMelting CoCr (NP) / Titanium / CADgold 84	Deadlines				Despatch
	Mon. - Thu.	Fri.	Sat.[1]	Sun.[1]	
Single coping / Bridge remanium® star	6 pm	3:30 pm	12 pm	4 pm	next working day
Single coping / Bridge Degudent / Sirona / Etkon format	5 pm	2:30 pm	11 am	-	next working day

Milling Technology CoCr (NP) / Titanium	Deadlines				Despatch
	Mon. - Thu.	Fri.	Sat.[1]	Sun.[1]	
Single coping / Bridge up to 5 units	4 pm	2 pm	-	-	next working day
From 6 units and in peak times	4 pm	2 pm	-	-	plus 1 working day
Milling Technology Zirconia	**Deadlines**				**Despatch**
	Mon. - Thu.	**Fri.**	**Sat.[1]**	**Sun.[1]**	
Ivoclar / Kulzer / Katana™ / up to 5 units	4 pm	2 pm	11 am	-	next working day
From 6 units and in peak times	4 pm	2 pm	11 am	-	plus 1 working day
Milling Technology Ceramics	**Deadlines**				**Despatch**
	Mon. - Thu.	**Fri.**	**Sat.[1]**	**Sun.[1]**	
	4 pm	2 pm	11 am	-	next working day
Milling Technology Plastics / Wax	**Deadlines**				**Despatch**
	Mon. - Thu.	**Fri.**	**Sat.[1]**	**Sun.[1]**	
	4 pm	2 pm	11 am	-	next working day

[1] We can produce only correct STL files, as there is no telephone customer service.

Production Times

File delivery

Special products	Deadlines			Despatch
	Mon. - Thu.	Fri.	Sat.[1]	
Partial framework / Herbst Frame	4 pm	3 pm	11 am	after 2 working days
Herbst Design / Retainer grinded / not grinded	6 pm	4 pm	11 am	next working day
Herbst Design / Retainer grinded, smoothed and polished	6 pm	4 pm	11 am	after 2 working days
3D printing of models / impression trays	2 pm	2 pm	-	after 2 working days
3D printing of implant models	2 pm	2 pm	-	after 3 working days
Splint	4 pm	2 pm	11 am	after 2 working days
Custom abutments	2 pm	2 pm	-	next working day

Intraoral & model scan delivery (incoming: Mon. - Fri. till 10 am)	Despatch
All materials	plus 1 working day

Additional Services[2]	Despatch
Express Service Partial Frameworks	next working day
Standby for all materials except Partial Frameworks	plus 1 working day
OneDay for LaserMelting not grinded except Partial Frameworks with order till 9 am	same working day
OneDay for milled CoCr with order till 12 pm	same working day
One Day for milled zirconia with order till 9 am	same working day

[1] We can produce only correct STL files, as there is no telephone customer service.
[2] Explanation on page 43

from technician
to technician

Quality of CADdent®