



# TIMES CHANGE, AND WE CHANGE WITH THEM

TEMPORA MUTANTUR, ET NOS MUTAMUR IN ILLIS

Dear customers,


Since more than 30 years, our most important corporate objective is to support you in many areas of your action. To meet this demand, we offer you a wide range of reliable materials and innovative products. So we adapt to constantly changing conditions, new challenges and current trends. This leads us to specialize in metallic materials for the processing with digital technologies. Meanwhile, the company has a range of specially developed high-end products from non-precious metal, ranging from dental alloys for the classic casting to blanks for milling and powder for 3D printing. Of course also selected classical products for laboratory and clinical materials are part of our product portfolio.

In the anniversary year we present our new appearance. In addition to the newly designed catalogue, there is also the possibility to find out more about our products on our new customer-friendly website [www.scheftner.dental](http://www.scheftner.dental). On our homepage you will find your direct contact, which supports you professionally and individually within the product selection.

It is very important to us, you as a customer, to be completely satisfied.

Hereby we give you this catalogue and thank you for this long and successful cooperation.

Best greetings from Mainz,



Adrian Jossek  
General Manager

and the entire S&S Scheftner Team

A	
Acid Tweezer	46
Acrylics	52 - 53
Alloys for Porcelain Veneering	6 - 8
Alloys for Partial Dentures	10 - 11
Alloy Powders	20 - 22
AllroundStar	33

B	
Bakteriosol Davido	29, 58
Bite & Registration Waxes	39, 54
Black Diamond	46
Blocking Out Wax	28, 37
BlockStar	28, 37
BlockStar ScanWax	28
Bonding Alloys	6 - 8

C	
CAD/CAM modelation wax	28
CAD/CAM Discs NPM	14, 15, 17
CAD/CAM Discs PMMA	24
CAD/CAM Discs Titanium	16
CAD/CAM Discs Wax	24
Casting WaxStar	38
Ceramic Brushes	48
Ceramic Holding Pins Set	50
Ceramic Insulant	49
Cervical Wax	33
CoCr Powder	20 - 22
CoCr Blanks	14, 15, 17
CoCr Dental Alloys	6 - 11
Contact Spray	46
Crown & Bridge Waxes	32 - 35
Crown Forceps	46

D	
Debubblizer & Wax Pattern Cleaner	27, 37, 43
Dental Brush Scheftner Kolinsky	48
Desinfecting Agents	29, 58
Diagnostic WaxStar	34
DiaStar	9, 46
Die Spacer	26
Die Hardener	26
Discs for milling	14 - 17, 24
Dipping Wax	32
Dipping Wax Pot Stardip A	32
DoubleStar	27, 43
Dowel Pins	27
Duplicating Silicone	27, 43

E	
Embedding Material	42

F	
Fibre Tray	50
FlectoDip	32
Flux Paste	9
Fusionis Disc	17

G	
GingiStar (Automix)	27
GlueStar	38, 54
Gypsum Hardener	26
Gypsum Insulation	26, 49

H	
Hand Cleansing Gel	29, 58
Hand Soap	29, 58
Handy Torch Labo	39, 46
Hardener	26
Handpiece Lubricant & Cleaner	59
Holding Pin Set	50

I	
InlayStar (Inlay Wax)	33
Insulation Material	26, 49, 55
Investment Materials	42
IsoGips	26
IsoGips Classic	26
IsoKer Fluid	49
IsoKer Spray	49
IsoPlast	26, 55
IsoSil Silicon Spray	26
IsoWachs	32

J	
Jel-Sol	59

K	
Kolinsky-Brushes	48
Krato Dip	32

L	
Lab Putty	54
Laser Welding Wire	9
LC TrayStar	53
Liquids for Investment Materials	42
Light Curing Tray Material	53
Lingual Bar	36

M	
MediClean Davido	29, 60
MillStar Waxblank	24
Milling Blanks/Discs	14 - 17, 24
Modelcast S (Speed)	42
Modelcast S Liquid	42
Model Casting Alloys	10, 11
Model Casting Investments	42
Model Casting Waxes	36 - 38
ModelStar S	10
ModelStar S Powder 65	22
MoguCast EH	11
MoguCera C	7
MoguCera N	14
MoguCera N	8

N	
Natural Hair Brushes	39, 48
NPM-Alloys	6 - 11
NPM-Blanks	14 - 17
NPM-Powder	20 - 22
NiCr Dental Alloys	8

O	
Occlusion Rims	39
Occlusion Spray	46
Oil Spray	59
O-Spray	46

P	
Partial Denture Alloys	10 - 11
Partial Denture Investments	42
Partial Denture Waxes	35 - 39
PartiStar	36
Pasta Flux	9
PinsStar	50
PinsStar Universal reversible	50
PlastoDon N	53
PlastoDur	53
PlastoPress JET	52
PlastoPress LT	52
PMMA StarBlank CAST	24
PMMA StarBlank PROVI	24
PoliDes	59
Polishing Paste	9, 46
Preparation Wax	37
Press Ceramic Investments	42
ProMint	52, 58
Protheses Finish	52, 58
Powder 3D	20 - 24
PuttyStar 1:1	54

Q	
QuickDes Davido	58

R	
Retentions Wax	37

S	
S&S Liquid	42
S&S Speedvest	42
S&S Wax Brush	39
Scanwax	28
Set-Up Wax	38, 55
Silicone	27
Silicone Spray	26
Sinter Metal Disc	15
SLM*-Powder	20 - 22
Soft Metal Blank	15
Solders	9
Speedvest	42
Sprues	35
SprueStar	35
SprueStar XL (für NEM)	35
StarBite	39, 54
Starbond CO	10
Starbond CoS	6
Starbond CoS Disc basic	15
Starbond CoS Powder (16/30/45/55)	20
Starbond CoS Powder 30+	20
Starbond CoS Soft Disc	15
Starbond Easy	6
Starbond Easy Disc	14
Starbond Easy Powder 30	21
Starbond Easy Powder 30+	21
Starbond LFC	7
Starbond Lot	9
Starbond Ni	8
Starbond Ti4 Disc	16
Starbond Ti5 Disc	16
Starbond Ti4 Powder 45	22
Stardip Dipping Wax Pot	32
StarMod	34
StarMod C	33
StarMod F & StarMod F Pur	34
Starsolder	9
StarTray Honeycomb Firing Tray	49
StarWire	9
Stickystar	35

T	
Thinner	26
Titanium Powder	22
Titanium Milling Discs	16
Ti4 Disc	16
Ti5 Disc	16
Toray Brushes	48

U	
Universal Oil Spray	59

W	
Waxes	28, 32 - 39, 54 - 55
Wax Insulation	32
Wax Brush	39
Wax Pattern Cleaner	27, 37, 43
Wax Profile Wires in Rods	36
WaxStar Partial Technique	36
WaxStar Retention	37
WaxStar Lingual Bar	36
WaxStar Preparation Wax	28, 37
WireStar Hard	35

# CONTENTS

<b>INTRODUCTION</b>	P. 01
<b>INDEX</b>	P. 02
<b>01   NON-PRECIOUS METAL ALLOYS (NPM)</b>	P. 04
<b>02   NON-PRECIOUS METAL MILLING DISCS (NPM)</b>	P. 12
<b>03   NON-PRECIOUS METAL POWDER (NPM)</b>	P. 18
<b>04   CAD / CAM PRODUCTS</b>	P. 23
<b>05   WORK PREPARATION AND MODEL PRODUCTION</b>	P. 25
<b>06   MODELATION</b>	P. 31
<b>07   EMBEDDING</b>	P. 41
<b>08   POLISHING AND SURFACE PREPARATION</b>	P. 45
<b>09   MATERIALS FOR THE CERAMIST</b>	P. 47
<b>10   PROSTHETICS</b>	P. 51
<b>11   SUPPLIES AND CONSUMABLES FOR LABS AND CLINICS</b>	P. 57
<b>GTC CONTACT</b>	P. 62 REVERSE SIDE

# 01

## NON-PRECIOUS METAL ALLOYS (NPM)

Our non-precious metal alloys are characterized by excellent oral resistance and outstanding mechanical properties. Different compositions guarantee all restoration indications. Whether veneering with ceramic and acrylics, model casting and superstructures, our alloys produce highly aesthetic and natural results in excellent quality.

- ✦ STARBOND COS
- ✦ STARBOND EASY
- ✦ MOGUCERA C
- ✦ STARBOND LFC
- ✦ MOGUCERA N
- ✦ STARBOND NI
- ✦ STARBOND LOT
- ✦ STARSOLDER
- ✦ STARWIRE
- ✦ DIASTAR
- ✦ PASTA FLUX
- ✦ MODELSTAR S
- ✦ STARBOND CO
- ✦ MOGUCAST EH



Starbond CoS



TECHNICAL PROPERTIES:	
Proof stress (Rp 0.2)	650MPa
Ultimate tensile strength	910MPa
Elongation	8%
Elastic modulus	200GPa
Vickers hardness	280 HV 10
Density	8,8 g/cm <sup>3</sup>
Melting range	1305 - 1400°C
Preheating temperature	850 - 950°C
Casting temperature	1500 - 1550°C
CTE (20-600°C)	14,0 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	5

### ★ STARBOND COS

CoCrWMo bonding alloy for conventional, high-fusing (low expansion) ceramics.

- › Free of nickel, lead, beryllium and cadmium
- › Type 5 pursuant to DIN EN ISO 22674
- › High degree of purity
- › Biocompatible and extremely corrosion resistant
- › Composition:  
Co: 59% Cr: 25% W: 9,5% Mo: 3,5% Si: 1% C,Fe,Mn,N: <1%

#### ADVANTAGES FOR DENTAL TECHNICIANS:

- › Wide range of indications
- › System-free working due to very good alloy properties
- › Pleasant polishing properties and easy finishing due to low hardness of 280 HV10
- › A CTE of 14.0 enables flexibility in ceramic selection and safe veneering
- › No cooling phase required, depending on the ceramics
- › Excellent metal-ceramic bonding, even without bonder
- › An oxidation firing can be omitted
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking

QUANTITY	REF
1000g	133000
250g	133250



TECHNICAL PROPERTIES:	
Proof stress (Rp 0.2)	610MPa
Ultimate tensile strength	830MPa
Elongation	10%
Elastic modulus	190GPa
Vickers hardness	285 HV 10
Density	8,7 g/cm <sup>3</sup>
Melting range	1310 - 1410°C
Preheating temperature	850 - 950°C
Casting temperature	1480 - 1530°C
CTE (20-600°C)	14,4 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	4

### ★ STARBOND EASY

CoCrW bonding alloy for conventional, high-fusing (low expansion) ceramics.

- › Free of nickel, lead, beryllium and cadmium
- › Type 4 pursuant to DIN EN ISO 22674
- › High degree of purity
- › Biocompatible and extremely corrosion resistant
- › Composition:  
Co: 61% Cr: 27,5% W: 8,5% Si: 1,6% C,Mn,Fe: <1%

#### ADVANTAGES FOR DENTAL TECHNICIANS:

- › System-free working due to very good alloy properties
- › Pleasant polishing properties and easy finishing due to low hardness of 285 HV10
- › A CTE of 14.4 enables flexibility in ceramic selection and safe veneering
- › No cooling phase required, depending on the ceramics
- › Excellent metal-ceramic bonding, even without bonder
- › An oxidation firing can be omitted
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking

QUANTITY	REF
1000g	140000
250g	140250

### ★ MOGUCERA C

CoCrMo bonding alloy for conventional, high-fusing (low expansion) ceramics.

- › Free of nickel, lead, beryllium and cadmium
- › Type 5 pursuant to DIN EN ISO 22674
- › High degree of purity
- › Biocompatible and extremely corrosion resistant
- › Composition:  
Co: 65% Cr: 28% Mo: 5% Mn: 1% C,Si: <1%

#### ADVANTAGES FOR DENTAL TECHNICIANS:

- › Very good alloy properties enable system-free operation
- › Very easy to polish and easy working characteristics due to a low hardness of 300 HV10
- › A CTE of 14.1 ensures flexibility in ceramic selection and safe veneering
- › No cooling phase required, depending on the ceramics
- › Excellent metal-ceramic bonding, even without bonder
- › An oxidation firing can be omitted
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking

QUANTITY	REF
1000g	138000



TECHNICAL PROPERTIES:	
Proof stress (Rp 0.2)	508MPa
Ultimate tensile strength	795MPa
Elongation	9%
Elastic modulus	209GPa
Vickers hardness	300 HV 10
Density	8,3g/cm <sup>3</sup>
Melting range	1370 - 1435°C
Preheating temperature	850 - 950°C
Casting temperature	1535 - 1590°C
CTE (20-600°C)	14,1 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	5

### ★ STARBOND LFC

CoCrFe bonding alloy for low fusion ceramics.

- › Free of nickel, beryllium, cadmium and lead
- › Type 4 pursuant to DIN EN ISO 22674
- › High degree of purity
- › Biocompatible and extremely corrosion resistant
- › Composition:  
Co: 34% Cr: 28,5% Fe: 30% Mo: 5% Si: 1% Mn: 1% N,C: <1%

#### ADVANTAGES FOR DENTAL TECHNICIANS:

- › System-free working due to very good alloy properties
- › Pleasant polishing properties and easy finishing due to low hardness of 315 HV10
- › Flexibility in ceramic selection and safe veneering
- › No cooling phase required, depending on the ceramics
- › Excellent metal-ceramic bonding, even without bonder
- › An oxidation firing can be omitted
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking
- › Wide spectrum of indications including long span bridges

QUANTITY	REF
1000g	134000
250g	134250



TECHNICAL PROPERTIES:	
Proof stress (Rp 0.2)	580MPa
Ultimate tensile strength	860MPa
Elongation	11%
Elastic modulus	195-205GPa
Vickers hardness	315 HV 10
Density	8,1g/cm <sup>3</sup>
Melting range	1300 - 1370°C
Preheating temperature	850 - 950°C
Casting temperature	1470 - 1520°C
CTE (20-600°C)	15,9 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	4



TECHNICAL PROPERTIES:	
Proof stress (Rp 0.2)	379MPa
Ultimate tensile strength	664MPa
Elongation	8%
Elastic modulus	200GPa
Vickers hardness	245 HV 10
Density	8,3 g/cm <sup>3</sup>
Melting range	1290 - 1350°C
Preheating temperature	850 - 950°C
Casting temperature	1450 - 1500°C
CTE (20-600°C)	14,4 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	4

## MOGUCERA N

NiCr bonding alloy for conventional, high-fusing (low expansion) ceramics.

- Free of beryllium, cadmium and lead
- Type 4 pursuant to DIN EN ISO 22674
- High degree of purity
- Biocompatible and extremely corrosion resistant
- Composition:  
Ni: 62% Cr: 24% Mo: 11% Si: 1,6% Mn: <1%

### ADVANTAGES FOR DENTAL TECHNICIANS:

- Wide range of indications
- Best melting and casting properties
- System-free working due to very good alloy properties
- Pleasant polishing properties and easy finishing due to low hardness of 245 HV10
- Flexibility in ceramic selection and safe veneering
- No cooling phase required, depending on the ceramics
- Excellent metal-ceramic bonding, even without bonder
- An oxidation firing can be omitted
- Optimal conditions for laser welding
- Application flexibility and easy melting, no sparking

QUANTITY	REF
1000g	139000



TECHNICAL PROPERTIES:	
Proof stress (Rp 0.2)	340 - 355MPa
Ultimate tensile strength	490 - 510MPa
Elongation	5%
Elastic modulus	200GPa
Vickers hardness	200 HV 10
Density	8,2 - 8,3g/cm <sup>3</sup>
Melting range	1310 - 1410°C
Preheating temperature	850 - 950°C
Casting temperature	1510 - 1560°C
CTE (20-600°C)	14,0 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	3

## STARBOND NI

NiCr bonding alloy for conventional, high-fusing (low expansion) ceramics.

- Free of beryllium, cadmium and lead
- Type 3 pursuant to DIN EN ISO 22674
- High degree of purity
- Biocompatible and extremely corrosion resistant
- Composition:  
Ni: 60,7% Cr: 24% Mo: 11% Fe: 1,5% Si: 1,8% C: <1%

### ADVANTAGES FOR DENTAL TECHNICIANS:

- System-free working due to very good alloy properties
- Pleasant polishing properties and easy finishing due to low hardness of 200 HV10
- Flexibilität bei der Keramikauswahl und sicheres Verblenden
- No cooling phase required, depending on the ceramics
- Excellent metal-ceramic bonding, even without bonder
- Optimal conditions for laser welding
- Application flexibility and easy melting, no sparking
- An oxidation firing can be omitted

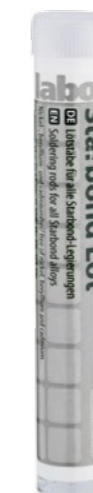
QUANTITY	REF
1000g	131000

## STARBOND LOT

Soldering rods for all Starbond alloys.

- Free of nickel, beryllium and cadmium
- Ensures tension free connections
- Suitable for ceramic veneering
- Working temperature: 1200-1240°C
- Composition:  
Co: 61,5% Cr: 30% Mo: 4% Si: 3,5%  
B,C,Mn,Fe: <1%

QUANTITY	REF
25g	121525
5g	121526

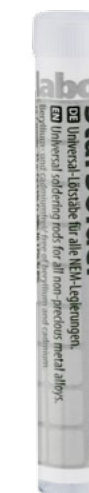


## STARSOLDER

Ready-to-use universal soldering rods for all non-precious alloys.

- Free of beryllium and cadmium
- Ensures tension free connection
- Suitable for ceramic veneering
- Working temperature: 1100-1150°C
- Composition:  
Co: 50% Cr: 18% Ni: 17% Si: 8% W: 4,5%  
B,C,Fe: <1%

QUANTITY	REF
25g	121515
5g	121516



## STARWIRE

CoCr laser welding wire.

- Free of beryllium and cadmium
- Length 4.3m (XXL-Pack)
- Suitable for ceramic veneering
- Composition:  
Co: 65% Cr: 28% Mo: 5,5% C, Si, Fe, Mn, Ni: <1%

QUANTITY	REF
4,3m x Ø0,5mm	121500
4,3m x Ø0,35mm	121600



## DIASTAR

All-in-One diamonded polishing paste for metals, ceramics, zirconia, composites, plastics and acrylics.

- Very high diamond content
- Hard paste consistency, thereby more efficient dosing
- No splashing or smearing - clean and economical
- Not suitable for intraoral use!

QUANTITY	REF
1 Can 30g	271069

## PASTA FLUX

Special soldering paste for NPM-alloys and precious metal alloys.

- This soldering paste can be used also after firing of bonding alloys, no ceramic discolouring.
- Good flow properties
- Universally applicable

QUANTITY	REF
30g	220210



**TECHNICAL PROPERTIES:**

Proof stress (Rp 0.2)	510 - 600MPa
Ultimate tensile strength	770 - 780MPa
Elongation	>3%
Elastic modulus	200 - 230GPa
Vickers hardness	355 HV 10
Density	8,4 g/cm <sup>3</sup>
Melting range	1170 - 1390°C
Preheating temperature	850 - 950°C
Casting temperature	1490 - 1540°C
Laser weldable	Yes
Type (DIN EN ISO 22674)	5

**MODELSTAR S**

CoCr partial denture alloy for the whole range of removable partial dentures from combined fixed-removables restorations to clasp-retained dentures.

- › Free of nickel, beryllium, cadmium and lead
- › Type 5 pursuant DIN EN ISO 22674
- › High degree of purity
- › Biocompatible and extremely corrosion resistant
- › High wearing comfort due to low thermal conductivity
- › Composition:  
Co: 62,7% Cr: 29% Mo: 6% C,Fe,Si,Mn: <1%

**ADVANTAGES FOR DENTAL TECHNICIANS:**

- › Excellent for casting of 3D printed plastic parts
- › Especially patient-friendly due to a low thermal conductivity
- › System-free working due to very good alloy properties
- › Universally applicable for clasp-retained prostheses and combined techniques
- › Pleasant polishing properties and easy finishing
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking

QUANTITY	REF
1000g	132100
250g	132250

**TECHNICAL PROPERTIES:**

Proof stress (Rp 0.2)	500MPa
Ultimate tensile strength	760MPa
Elongation	6%
Elastic modulus	250GPa
Vickers hardness	380 HV 10
Density	8,1g/cm <sup>3</sup>
Melting range	1200 - 1385°C
Preheating temperature	850 - 950°C
Casting temperature	1485 - 1540°C
CTE (20-600°C)	14,9 x 10 <sup>-6</sup> K <sup>-1</sup>
Laser weldable	Yes
Type (DIN EN ISO 22674)	5

**STARBOND CO**

CoCr partial denture alloy (bondable) for sophisticated combined restorations and gracile clasp design.

- › Free of nickel, beryllium, cadmium and lead
- › Type 5 pursuant to DIN EN ISO 22674
- › Excellent degree of purity
- › Biocompatible and extremely corrosion resistant
- › High wearing comfort due to low thermal conductivity
- › Spring hard
- › Composition:  
Co: 62% Cr: 30% Mo: 5,5% Si: 1% C,Fe Mn:<1%

**ADVANTAGES FOR DENTAL TECHNICIANS:**

- › Universally applicable for clasp-retained prostheses, combined techniques and ceramic restorations
- › Excellent for casting of 3D printed plastic parts
- › System-free working due to very good alloy properties
- › Pleasant polishing properties and easy finishing
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking

QUANTITY	REF
1000g	132000

**MOGUCAST EH**

CoCr partial denture alloy for sophisticated combined restorations.

- › Free of nickel, beryllium, cadmium and lead
- › Type 5 pursuant to DIN EN ISO 22674
- › Excellent degree of purity
- › Biocompatible and extremely corrosion resistant
- › High wearing comfort due to low thermal conductivity
- › Spring hard
- › Composition:  
Co: 62% Cr: 25% W: 9% Nb:2% C,V,Mo,Mn,Si:<1%

**ADVANTAGES FOR DENTAL TECHNICIANS:**

- › Particularly suitable for extremely graceful removables
- › Ideal alloy for restorations which are exposed to very high loads
- › Excellent for casting of 3D printed plastic parts
- › Universally applicable for clasp-retained prostheses and combined techniques
- › Pleasant polishing properties and easy finishing
- › Optimal conditions for laser welding
- › System-free working due to very good alloy properties

QUANTITY	REF
1000g	132200

**TECHNICAL PROPERTIES:**

Proof stress (Rp 0.2)	662MPa
Ultimate tensile strength	877MPa
Elongation	>4%
Elastic modulus	200 - 210GPa
Vickers hardness	420 HV 10
Density	8,7g/cm <sup>3</sup>
Melting range	1320 - 1400°
Preheating temperature	850 - 950°C
Casting temperature	1500 - 1550°C
Laser weldable	Yes
Type (DIN EN ISO 22674)	5



# 02

## NON-PRECIOUS METAL MILLING DISCS (NPM)

Dental alloys already proven in conventional dental technology are also available as milling blanks. The same alloy components and compositions with excellent processing properties allows the user to work in one alloying system.

- ✦ STARBOND EASY DISC
- ✦ MOGUCERA C DISC
- ✦ STARBOND COS DISC BASIC
- ✦ STARBOND COS SOFT DISC
- ✦ STARBOND TI5 DISC
- ✦ STARBOND TI4 DISC
- ✦ FUSIONIS DISC





## STARBOND EASY DISC

CoCrW milling disc outstanding for manufacturing of crowns, bridges, frameworks, telescopes, bars, attachments, implant-supported superstructures and abutments. Starbond Easy Disc is based on a proven veneering alloy already used in conventional casting technique.

- Free of nickel, beryllium, cadmium and lead
- Type 4 pursuant to DIN EN ISO 22674
- Composition in percent by mass:  
Co: 61% Cr: 27,5% W: 8,5% Si: 1,6% C,Mn,Fe: <1%

### ADVANTAGES FOR USERS:

- Medium hardness of 289 HV 10
- Excellent metal-ceramic bonding
- No cooling phase required, depending on the ceramics
- High biocompatibility
- Easy polishing
- Laser weldable, suitable for dry and wet milling

### TECHNICAL PROPERTIES:

Proof stress (Rp 0.2)	416MPa	Density	8,6g/cm <sup>3</sup>
Ultimate tensile strength	663MPa	CTE (20-500°C)	14,3 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	18%	CTE (20-600°C)	14,6 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	191GPa	Laser weldable	Yes
Vickers hardness	289 HV 10	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
8mm x 98,3mm	with edge	140508
10mm x 98,3mm		140510
12mm x 98,3mm		140512
13,5mm x 98,3mm		140513
15mm x 98,3mm		140515
16mm x 98,3mm		140516
18mm x 98,3mm		140518
20mm x 98,3mm		140520
25mm x 98,3mm		140525
30mm x 98,3mm		140530
8mm x 99,5mm	without edge	140008
10mm x 99,5mm		140010
12mm x 99,5mm		140012
14mm x 99,5mm		140013
15mm x 99,5mm		140015
16mm x 99,5mm		140016
18mm x 99,5mm		140018
20mm x 99,5mm		140020
25mm x 99,5mm		140025
30mm x 99,5mm		140030



## MOGUCERA C DISC

CoCrMo milling disc with excellent properties for the manufacture of crowns, bridges, frameworks, telescopes, bars, attachments, implant supported superstructures and abutments. MoguCera C Disc is based on a non-precious ceramic alloy already used in the conventional casting technology.

- Free of nickel, beryllium, cadmium and lead
- Type 4 pursuant to DIN EN ISO 22674
- Composition in percent by mass:  
Co: 65% Cr: 28% Mo: 5% C,Si,Nb,Mn,Fe: <1%

### ADVANTAGES FOR USERS:

- Medium hardness of 288 HV 10
- Excellent metal-ceramic bonding
- No cooling phase required, depending on the ceramics
- Particularly biocompatible
- Easy to work with and very easy to polish
- Laser weldable, suitable for dry and wet milling

### TECHNICAL PROPERTIES:

Proof stress (Rp 0.2)	413MPa	Density	8,3g/cm <sup>3</sup>
Ultimate tensile strength	597MPa	CTE (20-500°C)	14,5 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	12%	CTE (20-600°C)	14,8 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	206GPa	Laser weldable	Yes
Vickers hardness	288 HV 10	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
8mm x 98,3mm	with edge	138108
10mm x 98,3mm		138110
12mm x 98,3mm		138112
13,5mm x 98,3mm		138113
15mm x 98,3mm		138115
16mm x 98,3mm		138116
18mm x 98,3mm		138118
20mm x 98,3mm		138120
25mm x 98,3mm		138125
30mm x 98,3mm		138130
8mm x 99,5mm	without edge	138008
10mm x 99,5mm		138010
12mm x 99,5mm		138012
14mm x 99,5mm		138013
15mm x 99,5mm		138015
16mm x 99,5mm		138016
18mm x 99,5mm		138018
20mm x 99,5mm		138020
25mm x 99,5mm		138025
30mm x 99,5mm		138030



## STARBOND COS DISC BASIC

CoCrWMo milling disc from our proven and successful product line Starbond CoS. This high-end product is specially designed for industrial milling units and is particularly suitable for the manufacture of crowns, bridges, frameworks, telescopes, bars, attachments, implant-supported superstructures and abutments.

- Free of nickel, beryllium, cadmium and lead
- Type 4 pursuant to DIN EN ISO 22674
- Composition in percent by mass:  
Co: 59% Cr: 25% W: 9,5% Mo: 3,5% Si: 1% C,Fe,Mn,N: <1%

### ADVANTAGES FOR USERS:

- Excellent CTE of 14.2 ensures flexibility in ceramic selection
- No cooling phase required, depending on the ceramics
- Easy polishing
- Excellent metal-ceramic bonding and high biocompatibility
- Laser weldable, suitable for dry and wet milling

### TECHNICAL PROPERTIES:

Proof stress (Rp 0.2)	441MPa	Density	8,8g/cm <sup>3</sup>
Ultimate tensile strength	639MPa	CTE (20-500°C)	13,9 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	14%	CTE (20-600°C)	14,2 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	235GPa	Laser weldable	Yes
Vickers hardness	281 HV 10	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
8mm x 98,3mm	with edge	133514
10mm x 98,3mm		133516
12mm x 98,3mm		133513
13,5mm x 98,3mm		133511
15mm x 98,3mm		133517
16mm x 98,3mm		133518
18mm x 98,3mm		133512
25mm x 98,3mm		133525
30mm x 98,3mm		133530
8mm x 99,5mm		without edge
10mm x 99,5mm	133506	
12mm x 99,5mm	133503	
14mm x 99,5mm	133501	
15mm x 99,5mm	133507	
16mm x 99,5mm	133508	
18mm x 99,5mm	133502	
25mm x 99,5mm	133509	
30mm x 99,5mm	133510	



## STARBOND COS SOFT DISC

Binder based and powder pressed milling disc from a sintered CoCrWMo alloy. Starbond CoS Soft Disc is based on our proven dental alloy Starbond CoS. This material has a high bonding with conventional high-fusing (low expansion) ceramics.

- Free of nickel, beryllium, cadmium and lead
- Type 4 pursuant to DIN EN ISO 22674
- Composition in percent by mass:  
Co: 59% Cr: 25% W: 9,5% Mo: 3,5% Si: 1% C,Fe,Mn,N: <1%

### ADVANTAGES FOR USERS:

- Sinterable with all common sintering furnaces
- Simplest processing with adjusted milling strategies and tools for PMMA
- High-strength Type 4 alloy with a wide range of applications
- Biocompatible

### TECHNICAL PROPERTIES:

Proof stress (Rp 0.2)	585MPa	Density	8,5g/cm <sup>3</sup>
Ultimate tensile strength	800MPa	CTE (20-500°C)	14,4 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	4%	CTE (20-600°C)	14,7 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	220GPa	Laser weldable	Yes
Vickers hardness	325 HV 10	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
10mm x 98mm	with edge	133610
12mm x 98mm		133612
14mm x 98mm		133614
18mm x 98mm		133618
20mm x 98mm		133620
25mm x 98mm		133625



## STARBOND TI5 DISC

Milling disc made of grade 5 "ELI" (Extra Low Interstitial) titanium alloy TiAl6V4.

- › Composition in percent by mass:  
Ti: 89,4% Al: 6,2% V: 4% N,C,H,Fe,O: <0,4%

### ADVANTAGES FOR USERS:

- › Ideal mechanical properties, manufactured according to ISO 5832-3 and ASTM F67
- › Excellent bonding with ceramics for titanium
- › Biocompatible
- › Extremely corrosion resistant
- › Particularly patient friendly due to low thermal conductivity
- › Perfect suitable for implant-supported restorations, superstructures, bars and abutments

TECHNICAL PROPERTIES:			
Proof stress (Rp 0.2)	837MPa	Density	4,4g/cm <sup>3</sup>
Ultimate tensile strength	921MPa	Melting point	1650°C
Elongation	15%	CTE (20-600°C)	10,3 x 10 <sup>-6</sup> K <sup>-1</sup>
Vickers hardness	330HV5/30	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
8mm x 98,3mm	with edge	136508
10mm x 98,3mm		136510
12mm x 98,3mm		136512
13,5mm x 98,3mm		136513
15mm x 98,3mm		136515
16mm x 98,3mm		136516
18mm x 98,3mm		136518
25mm x 98,3mm		136525
30mm x 98,3mm	136530	
8mm x 99,5mm	without edge	136008
10mm x 99,5mm		136010
12mm x 99,5mm		136012
14mm x 99,5mm		136013
15mm x 99,5mm		136015
16mm x 99,5mm		136016
18mm x 99,5mm		136018
25mm x 99,5mm		136025
30mm x 99,5mm	136030	

## STARBOND TI4 DISC

Milling disc made of pure titanium with increased oxygen content (Grade 4).

- › Composition in percent by mass:  
Ti: >99% N,C,H,Fe,O: <1%

### ADVANTAGES FOR USERS:

- › Ideal for example for the production superstructures, bars, abutments and partial dentures
- › Perfect milling results
- › Excellent bonding with ceramics for titanium
- › Biocompatible
- › Extremely corrosion resistant
- › Particularly patient friendly due to low thermal conductivity

TECHNICAL PROPERTIES:			
Proof stress (Rp 0.2)	504MPa	Density	4,5g/cm <sup>3</sup>
Ultimate tensile strength	599MPa	Melting point	1660°C
Elongation	23,5%	CTE (20-600°C)	9,7 x 10 <sup>-6</sup> K <sup>-1</sup>
Vickers hardness	>200HV5/30	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
8mm x 98,3mm	with edge	135508
10mm x 98,3mm		135510
12mm x 98,3mm		135512
13,5mm x 98,3mm		135513
15mm x 98,3mm		135515
16mm x 98,3mm		135516
18mm x 98,3mm		135518
25mm x 98,3mm		135525
30mm x 98,3mm	135530	
8mm x 99,5mm	without edge	135008
10mm x 99,5mm		135010
12mm x 99,5mm		135012
14mm x 99,5mm		135013
15mm x 99,5mm		135015
16mm x 99,5mm		135016
18mm x 99,5mm		135018
25mm x 99,5mm		135025
30mm x 99,5mm	135030	

## FUSIONIS DISC

CoCrMo milling disc for the production of fixed and removable dentures. The alloy properties, the quality and excellent milling results make Fusionis Disc the material of choice. The ideal material for the unique manufacture of removable partial dentures with clasps and retainers, telescope dentures, bars and attachments in CAD/CAM processes.

- › Free of nickel, beryllium, cadmium and lead.
- › Type 4 pursuant to DIN EN ISO 22674.
- › Composition in percent by mass:  
Co: 63% Cr: 29% Mo: 5% C,Si,Nb,Mn,Fe: <1%

### ADVANTAGES FOR USERS:

- › Excellent machinability, validated process
- › Ideal mechanical properties
- › Average hardness of 290 HV 10
- › Extremely corrosion resistant
- › Biocompatible
- › Excellent polishability and easy to use
- › Laser weldable

TECHNICAL PROPERTIES:			
Proof stress (Rp 0.2)	420MPa	Vickers hardness	290 HV 10
Ultimate tensile strength	650MPa	Density	8,3g/cm <sup>3</sup>
Elongation	10%	Laser weldable	Yes
Elastic modulus	210GPa	Type (DIN EN ISO 22674)	4

SIZES	EDGING	REF
18mm x 98,3mm	with edge	141118
25mm x 98,3mm		141125
18mm x 99,5mm	without edge	141018
25mm x 99,5mm		141025



# 03

## NON-PRECIOUS METAL POWDER (NPM)

High-quality superalloys for 3D technology for the manufacture of highly complex restorations in mass production using SLM\* systems.

- ✦ STARBOND COS POWDER
- ✦ STARBOND COS POWDER 30+
- ✦ STARBOND EASY POWDER 30
- ✦ STARBOND EASY POWDER 30+
- ✦ MODELSTAR S POWDER 65
- ✦ STARBOND TI POWDER 45

### Starbond CoS Powder 30

CoCrWMo-dental alloy powder (type 5) for the production of dental prostheses in the laser melting technology.

### Starbond CoS Pulver30

CoCrWMo-Dentallegierung (Typ 5) zur Herstellung von Zahnersatz Laserschmelzverfahren

### STARBOND COS POWDER

CoCrWMo dental alloy powder for dentures manufacturing in a laser melting process. Starbond CoS Powder is based on the proven dental bonding alloy Starbond CoS. The user can thus continue to work in a system with the same alloy components and the same composition, as well as the same positive processing characteristics. The manufacturing process of the powder ensures the best possible flowability.

- › No cooling phase required, depending on ceramics
- › Excellent veneering
- › A CTE of 14.4 permits great flexibility in ceramic selection
- › Biocompatible
- › Extremely corrosion resistance
- › CE certified
- › Composition in percent by mass:  
Co: 59% Cr: 25% W: 9,5% Mo: 3,5% Si: 1% C,Fe,Mn,N:<1%



TECHNICAL PROPERTIES**:			
Proof stress (Rp 0.2)	720-1130MPa	Density	8,8g/cm <sup>3</sup>
Ultimate tensile strength	990-1250MPa	Melting range	1305-1400°C
Elongation	2-10%	CTE (20-600°C)	14,4 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	195-200GPa	Laser weldable	Yes
Vickers hardness	345-490 HV 10	Type (DIN EN ISO 22674)	5

VERSION	UNIT	SUITABLE FOR PROCESSING IN THE SYSTEMS	GRAIN Ø	REF
Starbond CoS Powder 16 <sup>(1)</sup>	5000g	PXS Dental* and PXM Dental*	-16µm	133716
Starbond CoS Powder 30 <sup>(1)</sup>	5000g	LaserCUSING* - and MYSINT*	+10/-30µm	133730
Starbond CoS Powder 45	5000g	EOSINT M* and SLM 125 HL*	+10/-45µm	133715
Starbond CoS Powder 55	5000g	rapidPro*, SLM50* and SLM100*	+10/-55µm	133755

<sup>(1)</sup> not available in the markets DE, FR, SP, GB, SW // \* PXS Dental and PXM Dental are registered trademarks of the company PHENIX Systems // \* Hint-Els rapidPro is a registered trademark of the company Hint-Els GmbH // \* SLM 50 and SLM 100 are registered trademarks of the company Realizer GmbH // \* LaserCUSING is a registered trademark of the company ConceptLaser GmbH // \* EOSINT M is a registered trademark of the company EOS GmbH // \* SLM 125H is a registered trademark of the company SLM Solutions GmbH // \* MYSINT is a registered trademark of the company Sisma SpA // \*\* Standard values; dependent on specific machine settings

### STARBOND COS POWDER 30+

CoCrWMo dental alloy powder for dentures manufacturing in a laser melting process. The powder manufacturing process ensures best flowability and thus the guarantee of a homogenous coating. Starbond CoS Powder 30+ is ideally suited for the use on M100\*, LaserCusing\* and MYSINT\* systems.

- › No cooling phase required, depending on ceramics
- › Excellent veneering
- › A CTE of 14.4 permits great flexibility in ceramic selection
- › Biocompatible
- › Extremely corrosion resistance
- › CE certified
- › Composition in percent by mass:  
Co: 59% Cr: 25% W: 9,5% Mo: 3,5% Si: 1% C,Fe,Mn,N:<1%



TECHNICAL PROPERTIES**:			
Proof stress (Rp 0.2)	1130MPa	Density	8,8g/cm <sup>3</sup>
Ultimate tensile strength	1250MPa	Melting range	1305-1400°C
Elongation	2-10%	CTE (20-600°C)	14,4 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	195GPa	Laser weldable	Yes
Vickers hardness	490 HV 10	Type (DIN EN ISO 22674)	5

VERSION	UNIT	SUITABLE FOR PROCESSING IN THE SYSTEMS	GRAIN Ø	REF
Starbond CoS Powder 30+	5000g	M100*, LaserCUSING* - and MYSINT*-Systems	<75µm	133731

\* LaserCUSING is a registered trademark of ConceptLaser GmbH // \* MYSINT is a registered trademark of Sisma SpA // \* M100 is a registered trademark of EOS GmbH // \*\* Standard values; dependent on specific machine settings  
Determined after thermal treatment / Simulation of ceramic firing

### STARBOND EASY POWDER 30

CoCrW dental alloy powder for dentures manufacturing in a laser melting process. The user benefits from the same outstanding characteristics of our Starbond Easy dental alloy and can thus work in a proven system. Positive processing properties and the alloy components ensures maximum flexibility in ceramic selection and also guarantees excellent veneering.

- › Composition in percent by mass:  
Co: 61% Cr: 27,5% W: 8,5% Si: 1,6% C,Fe,Mn:<1%



TECHNICAL PROPERTIES**:			
Proof stress (Rp 0.2)	760MPa	Melting range	1310-1410°C
Ultimate tensile strength	1090MPa	CTE (25-500°C)	14,5 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	15%	CTE (25-600°C)	14,7 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	225GPa	Laser weldable	Yes
Vickers hardness	425 HV 10	Type (DIN EN ISO 22674)	5
Density	8,5g/cm <sup>3</sup>		

VERSION	UNIT	SUITABLE FOR PROCESSING IN THE SYSTEMS	GRAIN Ø	REF
Starbond Easy Powder 30 <sup>(1)</sup>	5000g	LaserCUSING*, M100* and MYSINT*-Systems	+10/-30µm	140730

<sup>(1)</sup> not available in the markets DE, FR, SP, GB, SW // \* LaserCUSING is a registered trademark of ConceptLaser GmbH // \* MYSINT is a registered trademark of Sisma SpA // \* M100 is a registered trademark of EOS GmbH // \*\* Standard values; dependent on specific machine settings

### STARBOND EASY POWDER 30+

CoCrW dental alloy powder for manufacturing of fixed and mobile dentures in a laser melting process. The user benefits from the same outstanding characteristics of our Starbond Easy dental alloy and can thus work in a proven system. The manufacturing process ensures excellent flowability of the material.

- › Composition in percent by mass:  
Co: 61% Cr: 27,5% W: 8,5% Si: 1,6% C,Fe,Mn:<1%



TECHNICAL PROPERTIES**:			
Proof stress (Rp 0.2)	755MPa	Melting range	1310-1410°C
Ultimate tensile strength	1100MPa	CTE (25-500°C)	14,5 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	9%	CTE (25-600°C)	14,7 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	165GPa	Laser weldable	Yes
Vickers hardness	420 HV 10	Type (DIN EN ISO 22674)	5
Density	8,6g/cm <sup>3</sup>		

VERSION	UNIT	SUITABLE FOR PROCESSING IN THE SYSTEMS	GRAIN Ø	REF
Starbond Easy Powder 30+	5000g	LaserCUSING*, M100* and MYSINT*-Systems	<75µm	140731

\* LaserCUSING is a registered trademark of ConceptLaser GmbH // \* MYSINT is a registered trademark of Sisma SpA // \* M100 is a registered trademark of EOS GmbH // \*\* Standard values; dependent on specific machine settings  
Determined after thermal treatment / Simulation of ceramic firing

## MODELSTAR S POWDER 65

CoCr-dental alloy powder for dentures manufacturing in a laser melting process. Modelstar S Powder is based on the Modelstar S partial denture alloy. This guarantees the successful production of dentures with a well-proven dental material.

- › Manufactured pursuant to DIN EN ISO 5832-4 and ASTM F75
- › Composition in percent by mass:  
Co: 61,5% Cr: 28,5% Mo: 6% C,Fe,Mn,Si: <1%



TECHNICAL PROPERTIES**:			
Proof stress (Rp 0.2)	560MPa	Melting range	1490-1540°C
Ultimate tensile strength	960MPa	CTE (20-600°C)	14,4 x 10 <sup>-6</sup> K <sup>-1</sup>
Elongation	20%	Laser weldable	Yes
Vickers hardness	340 HV 10	Type (DIN EN ISO 22674)	5
Density	8,4g/cm <sup>3</sup>		

VERSION	UNIT	SUITABLE FOR PROCESSING IN THE SYSTEMS	GRAIN Ø	REF
ModelStar S Powder 65	5000g	on request	<65µm	132165

\*\* Standard values; dependent on specific machine settings

## STARBOND Ti4 POWDER 45

Grade 4-titanium powder for dentures manufacturing in a laser melting process. Starbond Ti4 Powder 45 is biocompatible, with high strength properties and a wide range of indications. Perfectly suitable for the production of bars, crowns, bridges and partial dentures.

- › Manufactured pursuant to DIN EN ISO 5832-2
- › Composition in percent by mass:  
Ti: 99% N,C,H,Fe,O: <1%



TECHNICAL PROPERTIES**:			
Proof stress (Rp 0.2)	630MPa	Density	4,5g/cm <sup>3</sup>
Ultimate tensile strength	720MPa	Melting range	1600°C
Elongation	>24%	CTE (20-600°C)	6,7 x 10 <sup>-6</sup> K <sup>-1</sup>
Elastic modulus	105GPa	Laser weldable	Yes
Vickers hardness	>200 HV 5/30	Type (DIN EN ISO 22674)	4

VERSION	UNIT	SUITABLE FOR PROCESSING IN THE SYSTEMS	GRAIN Ø	REF
Starbond Ti Powder 45	2500g	SLM125 – further systems on request	+10/-45µm	135715

\*\* Standard values; dependent on specific machine settings

# 04

## CAD/CAM PRODUCTS

Wax and PMMA blanks for the manufacture of crowns and bridges in wax or PMMA and also for temporaries.

- ✚ MILLSTAR WAXBLANK
- ✚ PMMA STARBLANK CAST
- ✚ PMMA STARBLANK PROVI

### ✦ MILLSTAR WAXBLANK

Disc made of synthetic wax for the manufacturing of wax models\* that burn out without residue. Ideal for the production of crown and bridge frameworks, inlays / onlays for metal casting and press technology within CAD / CAM processes.

- Colour: Ivory (more colours on request)

SIZES	EDGING	REF
16mm x 98,3mm	with edge	555016
20mm x 98,3mm		555020
16mm x 100mm	without edge	555116
20mm x 100mm		555120

\* Attention: Not intended for use in the oral cavity!

### ✦ PMMA STARBLANK CAST

Disc made of transparent polymethylmethacrylate (PMMA) for the production of frameworks for casting and overpress technique.

- Burns out without residue
- Easily to mill, no lubrication (depending on spindle speed and milling tools quality)
- Also usable for longspan restorations

SIZES	COLOUR	REF
15mm x 98mm	transparent	800215
20mm x 98mm		800220

### ✦ PMMA STARBLANK PROVI

Disc made of thermoplastic resin (PMMA) in standard, classic tooth colours as well as in bleaching colours for the production of high-quality long-term temporaries.

- Excellent milling and polishing properties
- Outstanding colour fidelity and natural translucence
- Good plaque resistance
- Wearing time of temporaries up to 10 months
- No residual monomer content

SIZES	COLOURS	REF
15mm x 98mm	A1	800026
	A2	800000
	A3	800101
	B1	800005
	B2	800002
	BL1	800028
	BL2	800030
	BL3	800032
	20mm x 98mm	A1
A2		800010
A3		800011
B1		800025
B2		800012
BL1		800029
BL2		800031
BL3		800033



# 05

## WORK PREPARATION AND MODEL PRODUCTION

Aids for plastering, impression materials and modeling waxes.

✦ DIE SPACER

✦ THINNER

✦ HARDENER

✦ ISOGIPS CLASSIC

✦ ISOGIPS

✦ ISOSIL

✦ ISOPLAST

✦ DOUBLESTAR

✦ DEBUBBLIZER  
& WAX PATTERN CLEANER

✦ DOWEL PINS

✦ GINGISTAR

✦ WAXSTAR

✦ BLOCKSTAR

✦ BLOCKSTAR SCANWAX

✦ MEDICLEAN DAVIDO

✦ BAKTERIOSOL DAVIDO





## ❖ DIE SPACER

Abrasion-resistant and quick-drying die spacer as a placeholder for the cement gap. The plaster die is painted with the die spacer before wax-up.

- › Available in various colors and thicknesses
- › Steam cleaning resistant with particularly scratch-resistant and smooth surfacing properties
- › Short curing time
- › Thermal resistant
- › The hardening of the gypsum surface takes place with Hardener without layering it.

VERSION	THICKNESS	REF
25ml clear	4µm	230213
25ml red	8µm	230207
25ml blue	10µm	230209
25ml silver	13µm	230206
25ml gold	15µm	230205

\* Caution: Use for our Die Spacer and Hardener exclusively our Thinner, thus the positive characteristics of our varnish are still guaranteed.

## ❖ THINNER

The universal thinner for Die Spacers allows you to reset the varnishes to the original consistency. Optionally it is also possible to create an individual consistency for Die Spacers and Hardener.



VERSION	REF
25ml clear	230211

## ❖ HARDENER

Creates a surface and depth curing, thus protecting the plaster die from mechanical stresses. The resulting surface is smooth and extremely scratch resistant.



VERSION	REF
25ml clear	230212

## ❖ ISOGIPS CLASSIC

Classic separating agent for plaster on plaster and plaster on metal with simultaneous sealing of the plaster surface.

- › Fast and safe separation
- › Does not leave a film
- › Neutral odor



VERSION	REF
1000ml	230370

## ❖ ISOGIPS

Ideal for the insulation between impression plaster and gypsum model as well as between model stump and base for saw cut models. Specially designed for saw cut models, splitcast techniques and all model systems. Also suitable for plastic base systems.



VERSION	REF
250ml Spray	230360

## ❖ ISOSIL SILICON SPRAY

Silicone spray for the maintenance of trimmers, cuvettes, articulators or vibrating units.

- › Prevents the adhesion of gypsum
- › Protects against aggressive investment materials



VERSION	REF
400ml spray	230380

## ❖ ISOPLAST

Alginate insulation for plaster models in acrylic prosthetics.

- › Free of formaldehyde
- › Excellent insulation
- › High accuracy



VERSION	REF
1000ml	230345



**20%**  
MORE CONTENT  
compared to most of the competitor products

## ❖ DOUBLESTAR

Precision Duplicating A-silicone basis for the duplication of plaster models. Perfect handling, as extremely tear resistant and dimensionally stable, paired with perfect flowability. Extraordinary reproduction precision and high elasticity guarantee error-free duplicates.

- › Shore hardness of approx. 22
- › Curing time of approx. 15 min

VERSION	REF
Base 1000ml (1,2kg) + catalyst 1000ml (1,2kg)	800001

## ❖ DEBUBBLIZER & WAX PAT. CLEANER

Surface tension releasing agent for impressions, duplicating silicones and all waxes for better flow and adhesion of the investment material or gypsum. Degreases and cleans the wax objects before investment, creating smooth and cavity-free surfaces within all processes.



VERSION	REF
100ml spray	230400
1000ml refill	230410



## ❖ DOWEL PINS

Model pins made of polished brass with and without guide plug in two sizes.

VERSION	REF
1000 × Size 1 without guide plug	230281
1000 × Size 1 with guide plug	230283
1000 × Size 2 without guide plug	230282
1000 × Size 2 with guide plug	230284

## ❖ GINGSTAR (AUTOMIX)

Addition curing silicone for the production of gingival masks. A precise representation of the gingival line e.g. for implant cases, for demanding crown and bridge restorations or for reproduction of the gingiva in CAD/CAM procedures. Also available in a hard, sandable version (especially for implant cases).

- › Good grindability (GingiStar H), combined with excellent elasticity and tensile strength
- › Easy handling due to automatic mixing and direct application from cartridges



VERSION	REF
2 × 50ml cartridges (A-Automix) + 12 cannulas + 12 application tips	800092
2 × 50ml cartridges (H-Automix hart) + 12 cannulas + 12 application tips	800092H
20 cannulas + 20 application tips	800092Z
GingiStar DS50 Injector	800090



### WAXSTAR PREPARATION WAX

Preparation wax as a space creator for retentions and lingual bars.

- › Excellent dimensional and margin stability
- › Soft and self-adhesive
- › Very good fitting on the model surface
- › Easy removal from the master model after doubling

VERSION	PACKAGE	REF
Transparent 0,5mm x 100mm x 100mm	32 Stück	561750

### BLOCKSTAR

Special wax for blocking out undercuts and rough surfaces. Due to excellent adhesion to the model and not to the instrument it is easy and safe to process. Furthermore, BlockStar can be scraped perfectly.

VERSION	REF
70g pink	521480

\* Not suitable as casting wax!

### BLOCKSTAR SCANWAX

Perfect scanable modeling wax for all common CAD/CAM applications. Particularly suitable for WaxUps, for blocking out small cavities or undercuts and for filling saw cuts before scanning. Even thin wax layers ensures a data density and guarantees best scanning results.

VERSION	REF
70g green	521630



### MEDICLEAN DAVIDO

Gentle cleansing handwash gel with skin-friendly, gentle active substances. The simultaneous re-greasing function prevents drying of the skin even with frequent cleaning.

- › Ingredients: Aqua, Sodium Laureth Sulfate, Cocamidopropyl Betaine, Sodium Lauroyl Glutamate, Cocamide Dea, Sodium Chloride, Parfum, Methylisothiazolinone, Benzyl Alcohol, Benzylsalicylat, Cl 61585

VERSION	REF
500ml dispenser bottle	670100
5000ml can	670150



### BAKTERIOSOL DAVIDO

Antimicrobial gel for cleansing and care of hands. Suitable for hand cleaning without water. The simultaneous re-greasing function prevents drying of the skin even with frequent cleaning. Tested for antimicrobial efficacy and dermatological tolerability.

- › Ingredients: Aqua, Alcohol Denat., Isopropyl alcohol, Peg-40 Hydrognated Castor Oil, Acrylates C10-C30 Alkyl Acrylate Crosspolymer, Triethanolamine, Parfume, Cl. 61585

VERSION	REF
500ml gel dispenser bottle	670200
5000ml gel can	670250







# 06

## MODELATION

Waxes for the modeling of partial dentures and crown restorations with the help of the dipping and wax-up technique.

- ✦ STARDIP A
- ✦ ISOWACHS
- ✦ FLECTODIP
- ✦ KRATODIP
- ✦ STARMOD C
- ✦ ALLROUNDSTAR
- ✦ INLAYSTAR
- ✦ STARMOD
- ✦ STARMOD F/F PUR
- ✦ DIAGNOSTIC WAXSTAR
- ✦ STICKYSTAR
- ✦ SPRUESTAR
- ✦ WIRESTAR HARD
- ✦ DEBUBBLIZER  
& WAX PATTERN CLEANER
- ✦ WAX PROFILE
- ✦ LINGUAL BAR
- ✦ WAXSTAR PARTIAL
- ✦ PARTISTAR
- ✦ WAXSTAR RETENTION
- ✦ BLOCKSTAR
- ✦ WAXSTAR PREP. WAX
- ✦ CASTING WAXSTAR
- ✦ GLUESTAR
- ✦ SET-UP WAX
- ✦ STARBITE
- ✦ HANDYTORCH LABO
- ✦ S&S WAX BRUSH



## ✦ DIPPING WAX POT STARDIP A

- › Precisely adjustable working temperature
- › Very reliable with good price-performance ratio
- › Temperature: 60°C – 105°C, adjustable
- › Housing dimensions: 6.0 x 8.0 x 8.0 cm
- › Power: 230 V

VERSION	REF
1 piece	500115



## ✦ ISOWACHS

Excellent water based separating agent for waxes, particularly for the dipping technique.

- › Insulates against waxes, plasters and metals
- › Solvent-free and water soluble

VERSION	REF
25ml brush-on-bottle	230330
100ml refill bottle	230335



## ✦ FLECTODIP

Positive physical properties of wax and plastic copings are combined with Flecto-Dip dipping wax. The flexible elastic material can be processed almost perfectly, without the slightest distortion during lifting, cutting or scraping. A simple adaption with highest accuracy of fit is ensured. Without opacifying components so an optical control of the thickness is ensured. It is also suitable for the press ceramic.

- › Working temperature: 87 °C

VERSION	REF
180g orange	523000
180g violet	523010
180g yellow	523020



## ✦ KRATODIP

Same positive physical properties as "Flecto-Dip". The flexible-elastic material can be processed almost perfectly, without the slightest distortion during lifting, cutting or scraping. A simple adaptation with highest accuracy of fit is ensured. Without opaque components, thus an optical control of the thickness is ensured. It is also suitable for the press ceramic.

- › Slightly harder than FlectoDip, thus resemblance to thermoformed acrylic copings
- › Coping thickness at 84°C approx. 0.4mm

VERSION	REF
180g yellow	523100
180g green	523110

## ✦ STARMOD C

A precise cervical wax for the crown margin design. Since it does not have any opaque components, the cervical margin is better seen and the suitability for all-ceramic systems is additionally guaranteed.

- › Lowest shrinkage
- › Form stable
- › Non-lubricating, non-friable
- › Tension-free
- › Working temperature: 59 °C.

VERSION	REF
70g red	521400
70g blue	521410



OK  
PRESSABLE  
CERAMIC

## ✦ INLAYSTAR

Special modeling wax for the needs of the inlay technique

- › Allows a pleasant modelation for users eyes
- › Dimension stable and low contraction
- › Working temperature: 53 °C

VERSION	REF
70g beige	521210



OK  
PRESSABLE  
CERAMIC

## ✦ ALLROUNDSTAR

Allround modeling wax for the construction of exact marginal edges up to the modeling of cusps by "drawing" the wax. An excellent scraping behavior up to extreme dimensional stability and low contraction are perfect properties and exactly the requirements which a dental technician needs for a modeling wax. AllroundStar is available in addition to the classic blue and green colours, also in the colours beige and caramel. These are very comfortable and low-fatigue for the eye due to their harmonious contrast to the plaster model.

- › Working temperature 55°C

VERSION	REF
70g caramel	521050
70g beige	521055
70g green	521065
70g blue	521070





### ★ STARMOD

The ideal modeling wax for gnathological waxing techniques. Available in 2 different hardnesses: Hard / 57°C, Regular / 55°C.

- › High stability
- › Precise drawing of the wax
- › Leaves smooth surface

VERSION	HARDNESS	REF
70g grey	hard	521010H
70g ivory	hard	521020H
70g blue	hard	521030H
70g ivory	regular	521020
70g blue	regular	521030



### ★ STARMOD F / STARMOD F PUR

In combined techniques different demands are made of the waxes. In the case of pure milling, nothing should lubricate, the wax must be hard. When scraping on the other hand, the wax should be not too hard. Since it is almost impossible to combine both requirements in one wax, we have adapted our milling waxes to the respective application areas.

- › StarMod F = Milling and Scraping, working temperature 57°C
- › StarMod F Pur = Milling, working temperature 58°C

VERSION	APPLICATION	REF
70g StarMod F green	milling and scraping	521100
70g StarMod F mint green	milling	521130



### ★ DIAGNOSTIC WAXSTAR

A wax which is suitable for an aesthetic wax-up as well as for the pressed ceramic at the same time. By using purely organic ingredients, Diagnostic WaxStar burns absolutely without residue. The Vita basic colors A-B-C-D as well as white ensure a fitting, which is almost the finished work. Diagnostic wax is available in the 70 g tin, or as a complete set in 5 x 9 g.

- › Working temperature: 54 °C



VERSION	REF
70g white	521700
70g dentin A	521710
70g dentin B	521720
70g dentin C	521730
70g dentin D	521740
5x 9g SET with all 5 colour shades	521750



OK  
PRESSABLE  
CERAMIC

VERSION	CROSS-SECTION	REF
70g round	Ø 3mm	522210
150g round	Ø 4mm	522230
150g round	Ø 5mm	522240
70g square	2,5x2,5mm	522110

### ★ STICKYSTAR

The adhesive sticks enable better treatment and prevent the distortion of the casting object when removing from the model.

### ★ SPRUESTAR / SPRUESTAR XL

SprueStar is the optimised wax casting pear, with the result, that less turbulence occurs in the injected melting due to the nozzle shape of the casting duct. A continuous treating of the casting is simplified and improved by flooding with the small waxing casting stick.

- › Simple and metal saving separating
- › Duct diameter only 3mm
- › No blowholes
- › 3 different reservoir sizes

- › SprueStar XL (for NPM)
- › Optimised wax casting pear



OK  
PRESSABLE  
CERAMIC

VERSION	RESERVOIR	REF
300 Sticks with wax casting pear	Ø 6mm	521900
200 Sticks with wax casting	Ø 7mm	521905
155 Casting sticks	Ø 8mm	521910
200 XL Sticks with wax casting pear	Ø 8mm	521880
180 XL Sticks with wax casting pear	Ø 9mm	521890



OK  
PRESSABLE  
CERAMIC

### ★ WIRESTAR HARD

An ideal wire wax for crown, bridge and model casting technique, which can be flexed and deformed without any effort.

- › Dimensionally stable and tension-free

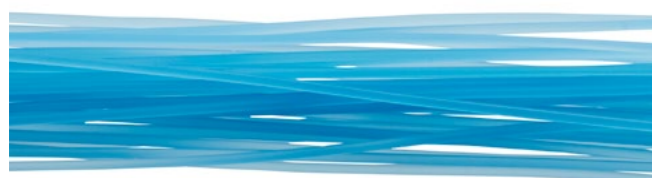
VERSION	Ø	REF
250g green	2,5mm	522010H
250g green	3mm	522020H
250g green	3,5mm	522030H
250g green	4mm	522040H
250g green	5mm	522050H



### ✦ PARTISTAR

Wax for casting partial dentures which is perfectly tailored to the finished wax parts. Seamless transitions are also optimally achievable due to the optimum flow behavior. Smoother modeling results in a shorter processing time.

VERSION	REF
70g turquoise	561700



### ✦ WAXSTAR LINGUAL BAR

Perfomed lingual bar, drop-shape

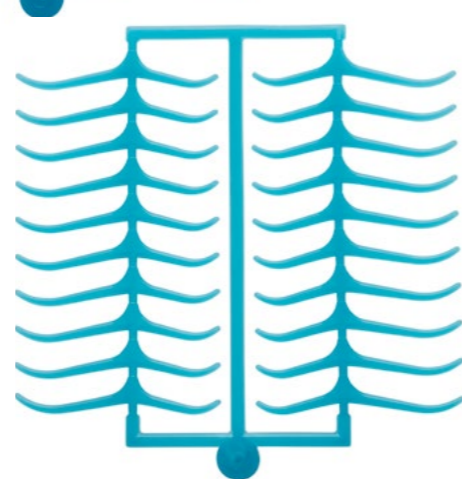
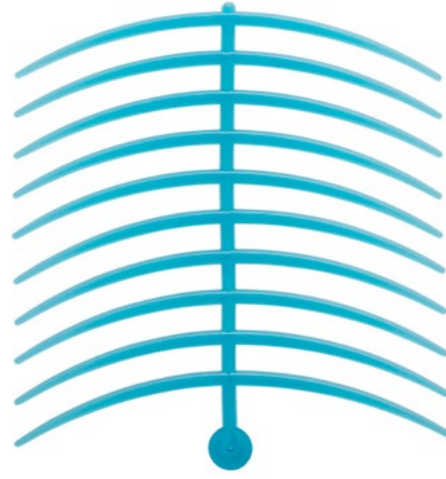
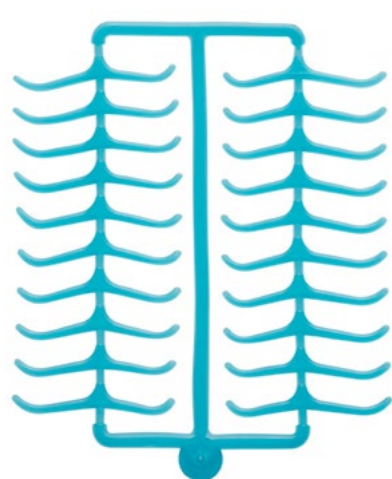
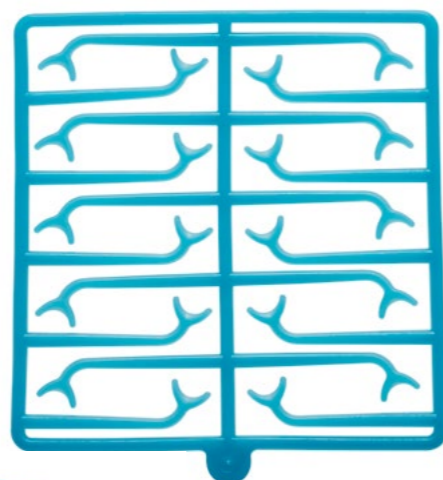
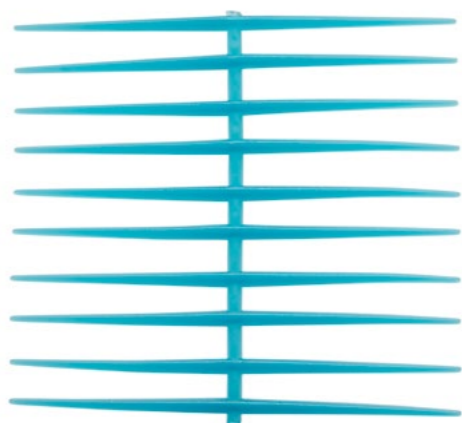
- › Tension-free, easily adaptable
- › Perfect for tension-free connections
- › No folds and fissures when bending

### ✦ WAX PROFILE WIRES IN RODS

Easy fixation and good adhesion.

VERSION	Ø	REF
25g emerald green	0,8mm	561630

VERSION	SIZE	REF
65g emerald green	4x2mm	561600



### ✦ WAXSTAR PARTIAL TECHNIQUE

Prefabricated clasp profiles made of wax.

- › Burns without residue
- › Form stable
- › Tension-free adaptation to the model
- › Anatomically shaped

VERSION	PACK.	REF
A-1 Premolar clasps turquoise	10x20 pieces	561400
A-2 Molar clasps turquoise	10x20 pieces	561410
A-3 Ring clasps curved turquoise	10x20 pieces	561420
A-4 Ring clasps straight turquoise	10x20 pieces	561430
A-5 Bonyhard clasps turquoise	10x20 pieces	561440

### ✦ BLOCKSTAR

Special wax for blocking out undercuts and rough surfaces. Due to excellent adhesion to the model and not to the instrument it is easy and safe to process. Furthermore, BlockStar can be scraped perfectly.

VERSION	REF
70g pink	521480

\* Not suitable as casting wax!



### ✦ DEBUBBLIZER & WAX PAT. CLEANER

Surface tension releasing agent for impressions, duplicating silicones and all waxes for better flow and adhesion of the investment material or gypsum. Degreases and cleans the wax objects before investment, creating smooth and cavity-free surfaces within all processes.

VERSION	REF
100ml spray	230400
1000ml refill	230410

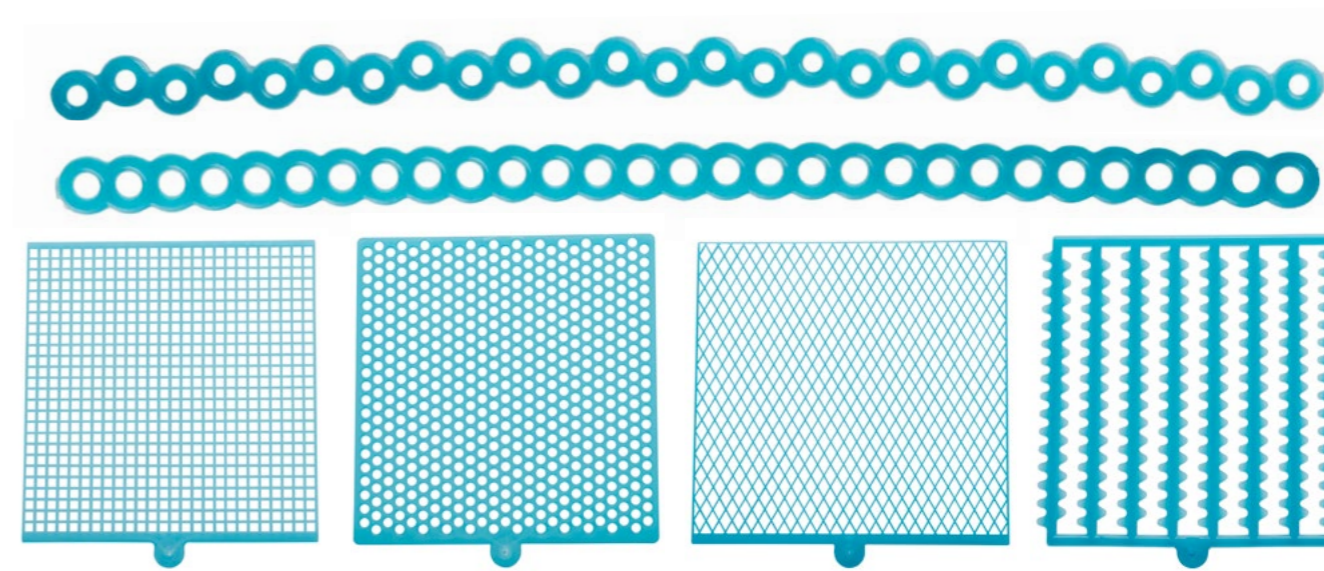


### ✦ WAXSTAR PREPARATION WAX

Preparation wax as a space creator for retentions and lingual bars.

- › Excellent dimensional and margin stability
- › Soft and self-adhesive
- › Very good fitting on the model surface
- › Easy removal from the master model after doubling

VERSION	PACK.	REF
Transparent 0,5mm x 100mm x 100mm	32 pcs.	561750

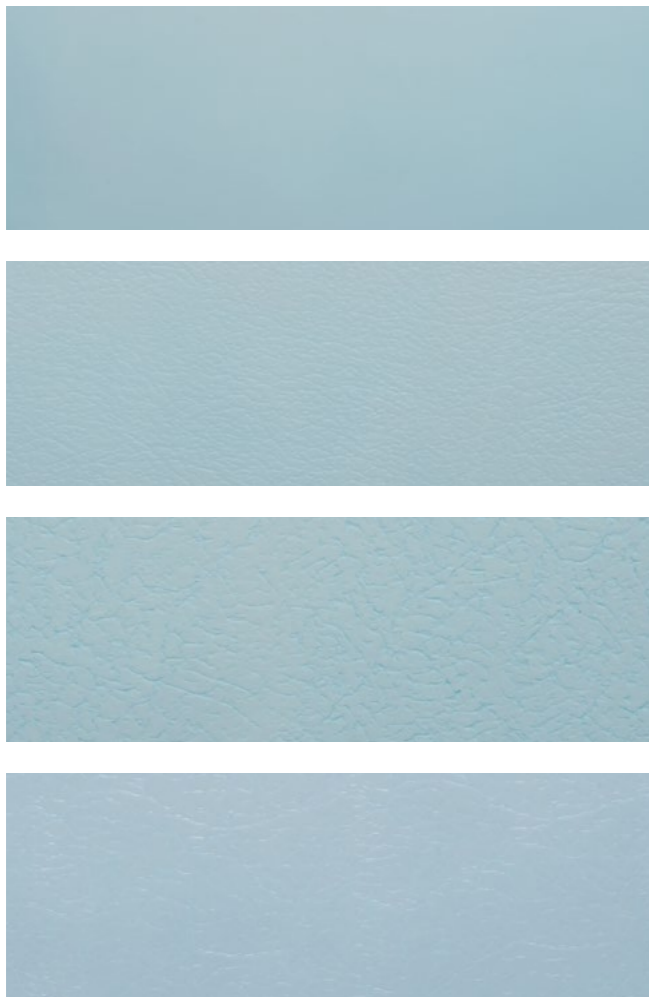


VERSION	PACK.	REF
Retention grid fine - upper jaw	20 pcs.	561500
Retention grid diagonal - upper jaw	20 pcs.	561510
Round hole grid - upper jaw	20 pcs.	561520
Bar retention - lower jaw	10 pcs.	561530
Hole retention straight - lower jaw	40 pcs.	561540
Hole retention displaced - lower jaw	40 pcs.	561550

### ✦ WAXSTAR RETENTION

Retentions for partial dentures and also for strengthening of full acrylic dentures.

- › Tension-free
- › Easy to adapt
- › In various versions available



### CASTING WAXSTAR

This casting wax possesses good modelling features and tearing resistance. It adheres securely and easily to the duplicate model. Available in turquoise and in various designs.

- › Time-saving and simplified modelling
- › Burns without residue
- › Excellent properties and tension-free adaption to the model
- › Precise fitting and accurate casting results

VERSION	THICKN.	STRUCT.	PACK.	REF
75x150mm, turquoise	0,30mm	smooth	15 Pl.	561030
	0,35mm		15 Pl.	561035
	0,40mm		15 Pl.	561040
	0,50mm		15 Pl.	561050
	0,60mm		15 Pl.	561060
	0,30mm	fine grained	15 Pl.	561130
	0,35mm		15 Pl.	561135
	0,40mm		15 Pl.	561140
	0,50mm		15 Pl.	561150
	0,60mm		15 Pl.	561160
	0,30mm	coarse grained	15 Pl.	561230
	0,35mm		15 Pl.	561235
0,40mm	15 Pl.		561240	
0,50mm	15 Pl.		561250	
0,60mm	15 Pl.		561260	
0,30mm	veined	15 Pl.	561330	
0,35mm		15 Pl.	561335	
0,40mm		15 Pl.	561340	
0,50mm		15 Pl.	561350	
0,60mm		15 Pl.	561360	



### GLUESTAR (ADHESIVE WAX)

Special wax with extremely strong adhesive properties. Suitable for fixation of breakage repairs, teeth, wax rims and soldering of metal parts. Distortion is impossible due to the high hardness. can be easily removed e.g. by using a steam jet.

VERSION	REF
70g red	521455

### SET-UP WAX

Set-Up Wax meets all the requirements of the demanding dental technician places on wax plates. It has a high plasticity, can be modeled well and will not reset when deformed. For different ambient temperatures, there are three different qualities available.

- › Size of the plates: 175x80mm

VERSION	PACK.	REF
Winter 1,25mm	2,5kg	524010
	500g	524020
Summer 1,25mm	2,5kg	524110
	500g	524120
Universal 2,00mm	2,5kg	524102
	500g	524002



### STARBITE

Anatomically prefabricated occlusion rims for the production of bite plates.

- › Three different degrees of hardness with excellent bite recording properties
- › Very high dimensional stability and very easy to carve

VERSION	PACK.	REF
hard - red	100 pieces	524220
medium - pink	100 pieces	524210
soft - light pink	100 pieces	524200



### S&S WAX BRUSH

For smoothing wax models and removing wax chips.



VERSION	REF
1 piece	591110

### HANDY TORCH LABO

The blowtorch "Handy Torch Labo" is very easy to use. It can be operated hand-held or in standing position at the workstation.

- › Automatic piezo ignition
- › Flame regulation
- › Maximum temperature 1300 °C



VERSION	REF
1 piece	500100





# 07

## EMBEDDING

Investment materials, duplicating silicones and accessories for perfect results.

- ✦ S&S SPEEDVEST
- ✦ S&S LIQUID
- ✦ MODELCAST S (SPEED)
- ✦ MODELCAST S LIQUID
- ✦ DOUBLESTAR
- ✦ DEBUBBLIZER  
& WAX PATTERN CLEANER



### ✦ S&S SPEEDVEST

Quick or conventionally heatable, phosphate-bonded precision investment for precious and non-precious alloys in crown and bridge techniques.

- › No system constraint, it can be embedded with and without ring
- › Fine-grained with excellent fitting properties for all indications, from inlays up to implant cases. For PM or NPM and pressable ceramic
- › Optimal flow behavior, due to low liquid consistency
- › Very smooth casting surfaces, fine detail reproduction
- › The "speed capability" ensures a high time saving without restriction on the fitting precision
- › Optimum edge hardness for graceful modelling

VERSION	PACK.	REF
160g with 750ml S&S Liquid	20 Bags	259300
160g without S&S Liquid	20 Bags	259310



### ✦ S&S LIQUID

Mixing liquid suitable for S&S Speedvest

VERSION	REF
750ml	259450



### ✦ MODELCAST S (SPEED)

Phosphate-bonded investment material for model casting, can be conventionally or fast heated. For gel and silicone duplication.

- › High edge strength
- › Excellent fit
- › Very smooth casting surface
- › Time savings and less energy consumption due to "speed capability"
- › Low operating temperature of 850 °C; therefore easier to divest, smoother surfaces, lighter oxide and additional energy savings

VERSION	PACK.	REF
400g without Modelcast S Liquid	50 Bags	259500

\* Speed capability only in conjunction with silicone duplication



### ✦ MODELCAST S LIQUID

Mixing liquid suitable for Modelcast S (Speed)

VERSION	REF
1000ml	259505
5000ml	259515



### ✦ DOUBLESTAR

Precision Duplicating A-silicone basis for the duplication of plaster models. Perfect handling, as extremely tear resistant and dimensionally stable, paired with perfect flowability. Extraordinary reproduction precision and high elasticity guarantee error-free duplicates.

- › Shore hardness of approx. 22
- › Curing time of approx. 15 min

VERSION	REF
Base 1000ml (1,2kg) + catalyst 1000ml (1,2kg)	800001



### ✦ DEBUBBLIZER & WAX PAT. CLEANER

Surface tension releasing agent for impressions, duplicating silicones and all waxes for better flow and adhesion of the investment material or gypsum. Degreases and cleans the wax objects before investment, creating smooth and cavity-free surfaces within all processes.

VERSION	REF
100ml spray	230400
1000ml refill	230410





# 08

## POLISHING AND SURFACE PREPARATION

High-quality polishing pastes, proven occlusion spray, accessories for outstanding polishing results and easy finishing.

- ✦ O-SPRAY
- ✦ DIASTAR
- ✦ BLACK DIAMOND
- ✦ CROWN FORCEPS
- ✦ ACID TWEEZER
- ✦ HANDY TORCH LABO





### ✦ O-SPRAY

Occlusion spray for the marking of contact points, areas and impurities. In four easily recognisable colours for optimal contrasts

- › Uniform, fine spray pattern, economical
- › Precise dosage
- › Easy removal with water
- › Reduced dust behavior
- › Food ingredients

VERSION	REF
75ml white	230233
75ml blue	230234
75ml red	230235
75ml green	230236



### ✦ DIASTAR

All-in-One diamonded polishing paste for metals, ceramics, zirconia, composites, plastics and acrylics.

- › Very high diamond content
- › Hard paste consistency, thereby more efficient dosing
- › No splashing or smearing - clean and economical
- › Not suitable for intraoral use!

VERSION	REF
1 can 30g	271069



### ✦ BLACK DIAMOND

Diamond polishing paste for all dental alloys, including NPM and titanium.

- › Does not lubricate
- › Economical in use
- › Perfect polishing results

VERSION	REF
450g	271071



### ✦ CROWN FORCEPS

Made of flexible, highly heat-resistant, light carbon fiber. Excellent for fixing various works and materials. Auxiliary instrument when separating, finishing and polishing, without hot fingers. Especially perfect for cleaning and evaporation without loss of the workpiece.

VERSION	REF
1 pieces	230240



### ✦ ACID TWEEZER

Made of teflon-coated steel. The tweezers are used to prevent the metal contact when inserting or removing cast objects in acid / pickling solutions.

VERSION	REF
1 piece	230800



### ✦ HANDY TORCH LABO

The blowtorch "Handy Torch Labo" is very easy to use. It can be operated hand-held or in standing position at the workstation.

- › Automatic piezo ignition
- › Flame regulation
- › Maximum temperature 1300 °C

VERSION	REF
1 piece	500100

# 09

## MATERIALS FOR THE CERAMIST

Premium brushes for the ceramist and accessories for ceramic firing.

- ✦ DENTAL BRUSH SCHEFTNER KOLINSKY
- ✦ CERAMIC BRUSH SCHEFTNER TORAY
- ✦ ISOKER FLUID / ISOKER SPRAY
- ✦ STARTRAY HONEYCOMB FIRING TRAYS
- ✦ CERAMIC HOLDING PINS SET
- ✦ HOLDING PIN SET
- ✦ PINSSTAR / PINSSTAR UNIVERSAL REVERSIBLE
- ✦ FIBRE TRAY





Dental brush 00



Dental brush 02



Dental brush 03 Opaque



Dental brush 04



Dental brush 06



Dental brush 08



Dental brush 10



Dental brush 12



Ceramic brush 08



Ceramic brush 06



Ceramic brush Opaque



Ceramic brush 04



Ceramic brush 02



Ceramic brush 01

## ✚ DENTAL BRUSH SCHEFTNER KOLINSKY

Dental brush of best and finest Kolinsky-Red-Marten quality.

- › Ergonomic shape in triangular form (roll secure)
- › Dense brush cover as a water reservoir
- › No. 6 to No. 12 with small metal balls in the shank, which form the wet tip when shaking out
- › Top value for money

VERSION	REF
1x Dental brush 00	200900
1x Dental brush 02	200952
1x Dental brush 03 Opaque Opaque brush with short strong natural hair tip for easier handling of the opaque	200953
1x Dental brush 04	200954
1x Dental brush 06 With integrated metal balls	200956
1x Dental brush 08 With integrated metal balls	200958
1x Dental brush 10 With integrated metal balls	200960
1x Dental brush 12 With integrated metal balls	200962
Dental brush Scheftner Kolinsky Set Consisting of: › Dental brush 00 › Dental brush 02 › Dental brush 03 Opaque › Dental brush 04 › Dental brush 06 integr. metal balls › Dental brush 08 integr. metal balls › Dental brush 10 integr. metal balls › Dental brush 12 integr. metal balls	200970

## ✚ CERAMIC BRUSH SCHEFTNER TORAY

Ceramic Brush with with high grade synthetic hairs without ball

- › Dense and conical tip ensures good storage capacity
- › Ergonomically shaped
- › Top price-performance ratio

VERSION	REF
1x Ceramic brush 01	200971
1x Ceramic brush 02	200972
1x Ceramic brush 04	200974
1x Ceramic brush 06	200976
1x Ceramic brush 08	200978
1x Ceramic brush Opaque	200984



## SEPARATING AGENTS AND FIRING TRAYS

### ✚ ISOKER FLUID

Quick, clean and safe method of insulating plaster against ceramic masses.

- › CFC and silicon free
- › Concentrated, ready-for-use solution
- › Very high quality and productive

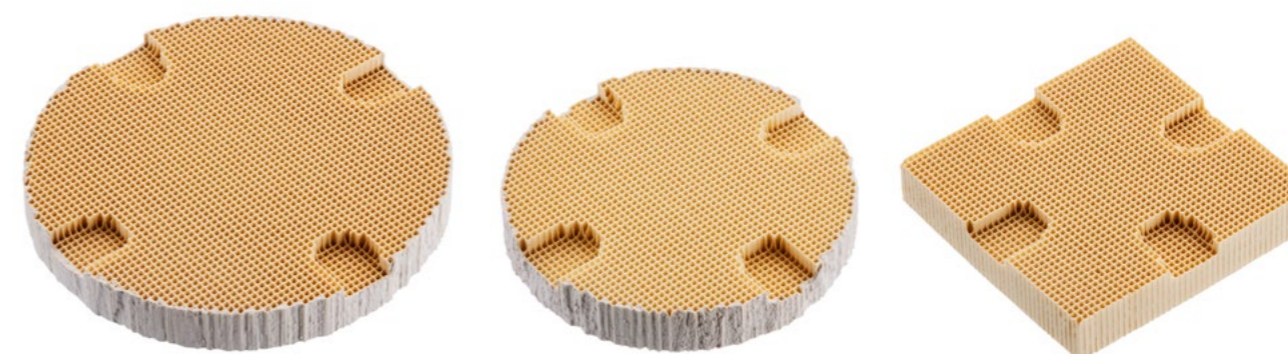
VERSION	REF
10ml brush-on bottle	230350



### ✚ ISOKER SPRAY

Separates clean and reliable plaster against all ceramic materials.

VERSION	REF
75ml	273051



### ✚ STARTRAY HONEYCOMB FIRING TRAYS

Ceramic, thermally neutral firing trays.

- › Provides many application possibilities dependent on form and size of the objects
- › Reduced heating and controlled cooling phase

VERSION	REF
1 piece ø 62mm	230274
1 piece ø 79mm	230277
1 piece 55mm x 55mm	230275

HOLDING PINS

**+** CERAMIC HOLDING PINS SET

Aluminium oxide coated, for all-ceramic restorations.

- › Easy to customize
- › Free rotation and positioning
- › Heat resistant up to 1800°C



VERSION	REF
Set consisting of: › 3x one-sided oblique grinded (different sizes) › 1x on both sides obliquely grinded › 1x cylindrical	230222

**+** HOLDING PIN SET

0.9mm sorted nickel-free pins, inert even in oxidising atmosphere



VERSION	REF
Consisting of: › 4 pieces 25mm height › 5 pieces 14mm height, round arch 180°, area of application 3.2mm wide › 2 pieces 8-14mm area of application, helix with a diameter of 8mm	230226



**+** PINSSTAR

Holding pins for honeycomb firing trays made of a heat resistant special alloy.

VERSION	∅	REF
10 pieces	1,27mm	230228
10 pieces	1,00mm	230229

**+** PINSSTAR UNIVERSAL REVERSIBLE

Holding pins for honeycomb firing trays made of a heat resistant special alloy. One side has a diameter of 1.27mm and the other side 1.00mm, so it is universally applicable.

VERSION	∅	REF
10 pieces	1,27mm + 1,00mm	230230



**+** FIBRE TRAY

Free of asbestos, from biological components. Heat resistant up to 1150°C

VERSION	REF
5 pieces	230278

# 10

## PROSTHETICS

Acrylic resin for dentures, individual tray material, silicones and waxes in prosthodontics.

- +** PLASTOPRESS LT
- +** PLASTOPRESS JET
- +** PROMINT
- +** PLASTODON N
- +** PLASTODUR
- +** LC TRAYSTAR
- +** PUTTYSTAR 1:1
- +** GLUESTAR
- +** STARBITE
- +** SET-UP WAX
- +** ISOPLAST





### PLASTOPRESS LT

Denture base acrylic resin, Cold-curing. Pourable resin based on methyl methacrylate, for all indications. PlastoPress LT is the universal cold-curing resin for dental technicians who want to cover all applications with a single acrylic resin.

#### Indications:

- › Manufacture of total upper and lower jaw dentures
- › Completion of model cast dentures
- › Indirect relining
- › Immediate dentures
- › Additions and repairs

#### Properties:

- › Average processing time
- › Very good flowability
- › Universal application
- › Good mucosal tolerance due to low residual monomer content
- › Absolute colour stability through a catalyst system free of tertiary amine
- › Cadmium free
- › Tested and certified biocompatibility

VERSION	REF	
Powder	500g colourless	801000
	500g pink	801010
	1000g pink	801020
	1000g pink-opaque	801030
Liquid	250ml	801015
	500ml	801025



### PLASTOPRESS JET

Denture base acrylic resin, Cold-curing. Pourable resin based on methyl methacrylate, especially for the injection technique. PlastoPress JET is the acrylic material for "high-quality" prostheses that are being made by using the injection molding technique. The universal material can be used in addition to the injection molding technique also in the fluid resin technique.

#### Indications for the injection technique:

- › Manufacture of total upper and lower dentures

#### Indications for the fluid resin technique:

- › Completion of model cast prostheses
- › Immediate dentures
- › Margin design
- › Indirect relinings
- › Additions and repairs

#### Properties:

- › Very good flow
- › Universal application
- › High accuracy
- › Compastible to any injection system
- › Tested and certified biocompatibility

VERSION	REF	
Powder	500g pink	801110
	1000g pink	801120
	1000g colourless	801130
Liquid	250ml	801115
	500ml	801125

### PROMINT

Prosthesis finish and prosthesis care spray. It is used, among other indications, to remove monomer residues on prosthetic restorations, and also as practical freshness for splints, mouth guards, dental prostheses, braces and snoring splints. It evaluates all work and gives the object a pleasant fresh peppermint taste. Wholesome flavors give the patient/customer a comfortable wearing feeling right from the start.

- › Reduction of irritation and sensitization potential
- › Dermatologically tested
- › High gloss effect on denture surfaces
- › Reinforcement of initial adhesion in dentures

VERSION	REF
75ml Spray	220300



### PLASTODON N

Denture base acrylic resin, Hot-curing. Universal denture base resin based on methyl methacrylate, for the controlled hot polymerization. PlastoDon N is an economical, cadmium-free prosthesis resin, in premium quality, which is suitable for all common hot-polymerisation works. The continuously developed formula ensures reliable results at all times.

#### Indications:

- › Production of total upper and lower jaw prostheses using the press / stuffing method

#### Properties:

- › Simplest processing
- › Precision fit and guaranteed high-quality results
- › Excellent mechanical properties
- › Good price-performance ratio
- › Optimal mucosal tolerance due to low residual monomer content
- › Physiological colours and absolute colour stability
- › Cadmium free
- › Tested and certified biocompatibility

VERSION	REF	
Powder	500g pink	801210
	1000g pink	801220
	1000g colourless	801230
	1000g pink-veined	801240
Liquid	250ml	801215
	500ml	801225
	1000ml	801235



### PLASTODUR

Denture repair acrylic resin, Cold-curing. PlastoDur is the most affordable acrylic resin for quick repair. Whether a full denture is broken or a saddle on a partial denture has been damaged, with PlastoDur you perform the work in minutes.

#### Indications:

- › Repair of full and partial dentures
- › Repair of orthodontic appliances
- › Indirect relinings
- › Additions

#### Properties:

- › Very good flowability
- › Excellent processing characteristics
- › Very high bonding with any other acrylic resin
- › Colour stable due to UV- and heat stabilizers
- › Fast and safe curing
- › Tested and certified biocompatibility

VERSION	REF	
Powder	500g pink	801310
	1000g pink	801320
Liquid	250ml	801315
	500ml	801325

### LC TRAYSTAR

Light-curing tray material for production of individual trays. Easy handling makes precise and material-saving work possible.

- › Free of quartz powder
- › Economical due to reusable surplus
- › Patient-friendly aroma
- › Polymerisation all standard laboratory light devices
- › Optimized adhesive behavior

VERSION	REF	
50 pieces	pink	800710
	colourless	800720





### PUTTYSTAR 1:1

Addition curing silicone putty 1:1 (A + B) for the dental laboratory.

- › Exact detail reproduction
- › Smooth kneading behavior
- › Does not smear and does not stick to hands
- › Stable in shape and volume
- › Temperature resistant up to 200 °C
- › Optimum final hardness of approx. 86 Shore A
- › Versatile: for wax rims, bite registrations as well as for models for denture repairs
- › Saves the isolation of plaster against dentures acrylic resins
- › Colour: blue (base), white (catalyst)
- › Mixing ratio: 1: 1
- › Very economical compared to other silicone putties: PuttyStar has a larger volume at the same weight due to a reduced filler content than most competitor silicone putties!

VERSION	REF
1x can 500ml (800g) base + 1x can 500ml (800g) catalyst	800003
1x 3200ml (5120g) base + 1x 3200ml (5120g) catalyst + 2 measuring scoops	800004

### GLUESTAR (ADHESIVE WAX)

Special wax with extremely strong adhesive properties. Suitable for fixation of breakage repairs, teeth, wax rims and soldering of metal parts. Distortion is impossible due to the high hardness. can be easily removed e.g. by using a steam jet.

VERSION	REF
70g red	521455

### STARBITE

Anatomically prefabricated occlusion rims for the production of bite plates.

- › Three different degrees of hardness with excellent bite recording properties
- › Very high dimensional stability and very easy to carve

VERSION	PACK.	REF
hard - red	100 pieces	524220
medium - pink	100 pieces	524210
soft - light pink	100 pieces	524200



### SET-UP WAX

Set-Up Wax meets all the requirements of the demanding dental technician places on wax plates. It has a high plasticity, can be modeled well and will not reset when deformed. For different ambient temperatures, there are three different qualities available.



VERSION	PACK.	REF
Winter : 1,25mm x 175mm x 80mm	2,5kg 500g	524010 524020
Summer 1,25mm x 175mm x 80mm	2,5kg 500g	524110 524120
Universal 2,00mm x 175mm x 80mm	2,5kg 500g	524102 524002



### ISOPLAST

Alginate insulation for plaster models in acrylic prosthetics.

- › Free of formaldehyde
- › Excellent insulation
- › High accuracy

VERSION	REF
1000ml	230345





# 11

## SUPPLIES AND CONSUMABLES FOR LABS AND CLINICS

Fast disinfectant products as well as products for everyday care in the clinic and in the laboratory.

- ✚ MEDICLEAN DAVIDO
- ✚ BAKTERIOSOL DAVIDO
- ✚ QUICKDES DAVIDO
- ✚ PROMINT
- ✚ POLIDES
- ✚ UNIVERSAL OIL SPRAY
- ✚ JEL-SOL





### ✦ MEDICLEAN DAVIDO

Gentle cleansing handwash gel with skin-friendly, gentle active substances. The simultaneous re-greasing function prevents drying of the skin even with frequent cleaning.

- Ingredients: Aqua, Sodium Laureth Sulfate, Cocoamidopropyl Betaine, Sodium Lauroyl Glutamate, Cocamide Dea, Sodium Chloride, Parfum, Methylisothiazolinone, Benzyl Alcohol, Benzylsalicylat, CI 61585

VERSION	REF
500ml dispenser bottle	670100
5000ml can	670150



### ✦ QUICKDES DAVIDO

Ready-to-use rapid disinfection of non-invasive medical devices in the medical and dental field.

Range of action:

- Bactericidal (incl. MRSA) pursuant to VAH/DGHM1, EN 1040 and EN 1276
- Yeasticidal (Candida Albicans) pursuant to VAH/DGHM, EN 1275 and EN 1650
- Tuberculocidal pursuant to VAH/DGHM, EN 14348
- Covered viruses e.g. HBV, HCV, HIV
- Adenoviruses

Composition:

- 100g contains: 43.0g Ethanol, 8.0g 1-Propanol, 0.04g Didecylidimethylammonium chloride

VERSION	REF
1000ml spray bottle	630100DA
5000ml can	630500DA



### ✦ BAKTERIOSOL DAVIDO

Antimicrobial gel for cleansing and care of hands. Suitable for hand cleaning without water. The simultaneous re-greasing function prevents drying of the skin even with frequent cleaning. Tested for antimicrobial efficacy and dermatological tolerability

- Ingredients: Aqua, Alcohol Denat., Isopropyl alcohol, Peg-40 Hydrognated Castor Oil, Acrylates C10-C30 Alkyl Acrylate Cross-polymer, Triethanolamine, Parfume, C.I. 61585

VERSION	REF
500ml gel dispenser bottle	670200
5000ml gel can	670250



### ✦ PROMINT

Prosthesis finish and prosthesis care spray. It is used, among other indications, to remove monomer residues on prosthetic restorations and also as practical freshness for splints, mouth guards, dental prostheses, braces and snoring splints. It evaluates all work and gives the object a pleasant fresh peppermint taste. Wholesome flavors give the patient/customer a comfortable wearing feeling right from the start.

- Reduction of irritation and sensitization potential
- Dermatologically tested
- High gloss effect on denture surfaces
- Reinforcement of initial adhesion in dentures

VERSION	REF
75ml spray	220300

### ✦ POLIDES

Ready-to-use alcohol-free and aldehyde-free disinfection wipes for rapid disinfection of alcohol sensitive materials and surfaces (for example: acrylic glass), inventory and treatment units. Also suitable for rapid disinfection of non-invasive medical devices.

- Fast-acting (after approx. 60 seconds)
- Good wetting and cleaning
- Very good material compatibility (materials such as leather, please check for compatibility beforehand!)
- Pleasant, fresh citrus fragrance
- Easy and safe removal of separated cloths from reclosable packaging
- Scientifically researched and tested
- Size of individual towels: 20x13cm

Range of action:

- Bactericidal (incl. MRSA) pursuant to VAH/DGHM1, EN 1040, EN 1276, EN 13697
- Yeasticidal (Candida Albicans) pursuant to VAH/DGHM, EN 1275, EN 1650, EN 13697
- Covered viruses e.g. HBV, HCV, HIV pursuant to BGA(RKI)/DW
- Rotaviruses pursuant to BGW/DW
- Composition: 100g contains 0.72g quaternary ammonium salts

VERSION	REF
Can with 100 disinfection towels	635000
Refill pack with 100 disinfection towels	635100



### ✦ UNIVERSAL OIL SPRAY

High-quality oil spray for all common handpieces, heads, turbines and air motors. This product cleans, lubricates and maintains in one step. A daily application extends the instrument life.

- Excellent lubrication and very high-cleaning effect
- Sterilization resistant
- Compatible with disinfectants
- High material compatibility
- Optional with 4 interchangeable adapters available
- Composition: Non-curing medical mineral oils; Additives

VERSION	REF
500ml Spray	230100
Adaptor IM INTRAmatic-Adaptor for handpieces and contra-angles	230110
Adaptor RQ Adaptor made of high quality metal for Roto Quick interfaces on turbines (Sirona and W&H)	230120
Adaptor MF Adaptor made of high quality metal for interfaces on turbines (KaVo)	230130
Adaptor Universal Adaptor made of plastic for handpieces with ISO-interfaces	230140




### ✦ JEL-SOL

Solvent for cements and zinc oxide-eugenol pastes. It allows the cleaning of dentures, instruments, acrylic resin prostheses, impression trays, etc.

VERSION	REF
1000ml	230200





**S & S Scheftner** stands for openness to new technologies – and at the same time – a commitment to traditional dental technology.

Modern dental technology is a symbiosis of traditional craftsmanship, accurate handwork, know-how and state-of-the-art technologies and materials.

High-quality dental materials are our promise to our customers. With our products, we ensure excellent functionality and individuality. The use of tested materials and latest technologies is a matter of course for us. S & S Scheftner offers you a comprehensive range of high-quality, dental products, for all indications, "Made in Germany".

The in-house manufacturing and processing on our modern production equipment with high degree of automation enable us to produce products of the highest quality, excellent precision and accuracy.

It is thus possible for us to adapt to the constant changes and to develop and manufacture products from traditional dental technology to materials for digital manufacturing technologies. We have become a part of this digital world in the past few years and we are now shaping it.

Be with us also a part of this digital world.







S&S Scheftner GmbH  
Dekan-Laist-Straße 52  
55129 Mainz / Germany

Tel.: +49 (0) 61 31-94 71 40  
Fax: +49 (0) 61 31 -94 71 440  
E-Mail: [info@scheftner.dental](mailto:info@scheftner.dental)  
online: [www.scheftner.dental](http://www.scheftner.dental)

**Quality Management /  
Quality Assurance:**  
EN ISO 13485:2012  
Annex II, Directive 93/42/EEC  
Annex V, Directive 93/42/EEC

**Opening Hours:**  
Monday to Friday  
from 08.00 a.m. to 05.00 p.m.

**Service-Contact:**  
Sales Back Office:  
[service@scheftner.dental](mailto:service@scheftner.dental)  
+49 (0) 6131 9471 416  
+49 (0) 6131 9471 417  
+49 (0) 6131 9471 413

Sales Management:  
[sales@scheftner.dental](mailto:sales@scheftner.dental)  
+49 (0) 6131 9471 418

Technical Support:  
[support@scheftner.dental](mailto:support@scheftner.dental)  
+49 (0) 6131 9471 417  
+49 (0) 177 215 97 88

