SMART CHROME COBALT - DENTAL ALLOY PRODUCTS

SMART - Chrome Alloy -

For partial denture restoration
Composition:
* Co(66%)
* Cr(28%)
* Mo(6%)
* Other(0.5%)

SMART - Chrome Alloy - 100

Common Use: For Ceramic restorations
* Smart Chrome complies with the Good Manufacturing Practices of the US FDA.
* Where applicable, individual alloys are further certified to meet NIOM, ADA, or DIN standards.
* Third party certification of our Quality System means that our entire operation has been independently audited to meet international standards.
* The CE mark further confirms that the materials have been determined to be safe and effective for their intended purpose.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
<th>+</th>
<th>Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>112261</td>
<td>SMART-100 1kg Chrome Cobalt Molibdeno Ingot 1kg - Be &amp; Ni Free for Ceramic rest...</td>
<td>US$ 158.20</td>
<td>Info</td>
<td>Info</td>
</tr>
<tr>
<td>112262</td>
<td>Smart-Chrome L 1kg Chrome Cobalt Ingot (Semi Hard) ...</td>
<td>US$ 135.00</td>
<td>Info</td>
<td>Info</td>
</tr>
<tr>
<td>112263</td>
<td>Smart-L-Chrome Sh 1kg Chrome Cobalt Shots (Semi Hard) ...</td>
<td>US$ 98.00</td>
<td>Info</td>
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<tr>
<td>112267</td>
<td>Smart-L-Chrome L Ingot 1lb Chrome Cobalt Ingot (Semi Hard) ...</td>
<td>US$ 77.13</td>
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<td>Info</td>
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<tr>
<td>112268</td>
<td>Smart-L-Chrome Sh 1lb Chrome Cobalt Shots (Semi Hard) 1lb ...</td>
<td>US$ 31.13</td>
<td>Info</td>
<td>Info</td>
</tr>
<tr>
<td>113584</td>
<td>Smart-L-Chrome 1kg Chrome Cobalt Rods 3 feet or 5 feet long - (Semi Hard) M...</td>
<td>US$ 96.00</td>
<td>Info</td>
<td>Info</td>
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</tbody>
</table>

CHROME COBALT CR-CO SUPER-6 - DENTAL ALLOY

* Dental Alloy Products complies with the Good Manufacturing Practices of the US FDA.
* Where applicable, individual alloys are further certified to meet NIOM, ADA, or DIN standards.
* Third party certification of our Quality System means that our entire operation has been independently audited to meet international standards.
* The CE mark further confirms that the materials have been determined to be safe and effective for their intended purpose.

SUPER - 6 Ingot
SUPER - 6 Shots

SUPER-6 CR-CO Shots

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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<tbody>
<tr>
<td>103912</td>
<td>Super-6 Chrome Cobalt Shots (Semi Hard) 10oz - ...</td>
<td>US$ 18.26+Info</td>
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<tr>
<td>103841</td>
<td>Super-6 Chrome Cobalt Shots (Semi Hard) 1Kg - ...</td>
<td>US$ 98.00+Info</td>
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<tr>
<td>102313</td>
<td>Super-6 Chrome Cobalt Shots (Semi Hard) 1lb - ...</td>
<td>US$ 28.30+Info</td>
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SUPER-6 Ingots

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>103913</td>
<td>Super-6 Chrome Cobalt Ingot (Semi Hard) 1 lb (15oz) - ...</td>
<td>US$ 118.14+Info</td>
</tr>
<tr>
<td>103842</td>
<td>Super-6 Chrome Cobalt Ingots (Semi Hard) 1Kg - ...</td>
<td>US$ 120.00+Info</td>
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</table>

CHROME COBALT MOLIBDENO SMART-100 - DENTALALLOY

Smart 100 is a Cobalt-Chromium based alloy acceptable for use in fabrication of dental prosthetics and reconstruction. Works well with Ceramco2, Pearson Porcelain, C-Mix (Compares to Rexillium)

SUPER 100

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>103911</td>
<td>Super-100 Chrome Cobalt Molibdeno Ingot 10oz - Be &amp; Ni Free for Ceramic restorations</td>
<td>US$ 0.00+Info</td>
</tr>
<tr>
<td>103836</td>
<td>Super-100 Chrome Cobalt Molibdeno Ingot 1kg - Be &amp; Ni Free for Ceramic restorations</td>
<td>US$ 143.87+Info</td>
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SMART 100

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>113478</td>
<td>SMART-100 Chrome Cobalt Molibdeno Ingot 1oz - Be &amp; Ni Free for Ceramic restorations</td>
<td>US$ 4.49+Info</td>
</tr>
</tbody>
</table>

DENTALALLOY- 114381 Super-100 Cr Co Mo Ingot 1oz

FATHER Super-100 Chrome Cobalt Molibdeno Ingot 1oz - Be & Ni Free for Ceramic restorations [Nickel Chrome NiCrBe Ceramic alloys super100 super 100]
WIRONIT CHROME COBALT CR-CO - BEGO

The classical partial denture alloy for clasp prothesis.

Wironit LA universally applicable for clasp partial dentures and combination work

* Excellent laser welding properties for high-strength joints, even in extreme situations
* Outstanding physical and chemical properties with finegrained tantalum for a homogeneous structure
* With certificate regarding additional biological material tests at independent institutes

Wironit Extra Hard is great for lower cases and milled work where more strength is needed.

Specifications:

* Quality Speaks for Itself
* Excellent Laser Welding Properties
* Easy to Process
* Co 63.5
* Cr 29
* Mo 5

US DENTAL DEPOT Inc is an Authorized BEGO Dealer in the US.

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<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>010-50060</td>
<td>BEGO - Wironit- Co-Cr X-hard Alloy - 1Kg ( B# 50060 ) Chrome Cobalt alloy Co/Cr...</td>
<td>US$ 418.91</td>
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<tr>
<td>010-50030</td>
<td>BEGO - Wironit - Co-Cr-Alloy - 1kg ( B# 50030 ) Chrome Cobalt alloy Co/Cr Bego ...</td>
<td>US$ 391.97</td>
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**Alloys**

**Gold color Alloys**

**ECCO - 110748 ECCO- Gold Alloy  End Cut1Kg**

Ecco-Npg formula 1Kg - (End Cut) square ingot - no stamp - same same formula as NPG - [ 1oz = 28.6gr - 1Lb = 16 Oz - 1 Kf = 2.2 Lb = 32 Oz ] *comparable to NPG- the exclusive property and trade mark of Aalba Dent- Inc. Metal Pernos Npg N.P.G. metal dorado alloys

US$ 115.00

**ECCO - 114375 SMART-Gold Color Alloy  1oz**

SMART-Gold Color Alloy Npg formula 1oz ( ex- ECCO - gold )

US$ 15.00
SMART GOLD COLOR ALLOY - ECCO

Comparable formula to and can replace NPG from Albadent
Is a non-precious "type III" casting alloy for use in the construction of crowns, bridges, inlays and onlays. Although a non-noble alloy, possesses the appearance and handling characteristics of a yellow-gold alloy at a relatively cheaper price

FORMULA
Cu: 80.9 %
Al: 7.8 %
Ni: 4.3 %
Fe: 3%
Zn: 2.7%
Mg: 1.7%

Physical Qualities

Vickers Hardness: 140
Casting Temp: 1148 C (2100F) Premium non Precious TYPE 3 casting alloy for Crowns and bridges, inlays and onlays.

NPG is a trade mark of Aalbadent Company

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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<tbody>
<tr>
<td>103905</td>
<td>SMART-Gold Color Alloy Npg formula 10oz - (ex- ECCO - gold) *comparable to NPG...</td>
<td>US$ 119.63</td>
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<tr>
<td>101892</td>
<td>SMART-Gold Color Alloy Npg formula 1lb (15 oz) - (3 x 5 oz ealed bags = 15 oz...)</td>
<td>US$ 167.48</td>
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<tr>
<td>101292</td>
<td>SMART-Gold Color Alloy Npg formula 1Kg - (ex- ECCO - gold) *comparable to NPG...</td>
<td>US$ 265.35</td>
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EXACTOBOND CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be

NICKEL CHROME DENTAL ALLOY Ni-Cr Be - EXACTO

Alloy Name EXACTO-BOND ALLOY NON-PRECIOUS ALLOYS
CTE of 14,1 to 14,5, is compatible with almost all porcelains in the market - Ceramco - Ceramco 2- Noritake - Ceratec - Vision.

Color: WHITE Type: PFM Application

EXACTO-BOND ALLOY is designed for porcelain powders. Due to its CTE and containing Berilium, makes it also full compatible with the most used porcelains in the market.

EXACTO-BOND ALLOY
**EXACTO-BOND** : in % of the weight:
Ni-(78.9)
Cr-(12).
Mo-(4.6%)
Al-(2.6%)
Be-(1.8%)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>103909</td>
<td>ExactoBond Ni Cr with Berilium 10oz</td>
<td>US$ 50.08</td>
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<tr>
<td>102209</td>
<td>ExactoBond Ni Cr with Berilium 1lb</td>
<td>US$ 69.29</td>
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<tr>
<td>101001</td>
<td>ExactoBond Ni Cr with Berilium 1Kg</td>
<td>US$ 115.00</td>
</tr>
<tr>
<td>122499</td>
<td>ExactoBond-3 Ni Cr with Berilium 1kg</td>
<td>US$ 125.44</td>
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**SUPER-1 NICKEL CHROME ALLOY Ni-Cr-Be - DENTAL ALLOY PRODUCTS**

<table>
<thead>
<tr>
<th>Code</th>
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<th>Price</th>
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<tbody>
<tr>
<td>102202</td>
<td>SUPER-1 Ni Cr Be Ingot 1lb</td>
<td>US$ 53.62</td>
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<tr>
<td>100504</td>
<td>SUPER-1 Ni Cr Be Ingot 1kg</td>
<td>US$ 91.59</td>
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</table>

**CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be - CERAKAST**

CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be - CERAKAST

Alloy Name CERAKAST 1  NON-PRECIOUS ALLOYS
CTE of 14,1 to 14,5 , is compatible with almost all porcelains in the market - Ceramco - Ceramco 2- Noritake - Ceratec - Vision.

Color: WHITE

Type: PFM Application

CERAKAST 1 been specially designed for Ceratec porcelain powders. Due to its CTE and containing Berilium, makes it also full compatible with the most used porcelains in the market

Common Use: For metal-ceramic restoration
Is compatible with almost all porcelains in the market - Ceramco- Ceramco 2- Noritake- Ceratec - Vision

**Formular CERAKAST 1** :
in % of the weight:
Ni-(78.95%)
Cr-(12%)
Mo-(4.6%)
Al-(2.6%)
Be-(1.8%) 

For more info check our website www.usdentaldepot.com

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<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>103906</td>
<td>CeraKast Ni Cr with Berilium 10oz Nickel Chrome Berilium for ceramics/porcelains...</td>
<td>US$ 48.47</td>
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<tr>
<td>102199</td>
<td>CeraKast Ni Cr with Berilium 1lb Nickel Chrome Berilium for ceramics/porcelains...</td>
<td>US$ 64.87</td>
</tr>
<tr>
<td>101580</td>
<td>CeraKast Ni Cr with Berilium 1Kg Nickel Chrome Berilium for ceramics/porcelains...</td>
<td>US$ 99.49</td>
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</table>

CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be - SMART-REX

NICKEL CHROME Ni-Cr Be
NICKLE CHROME with similar formula as REXILUM ALLOY. Designed for porcelain powders. Due to its CTE and containing Berilium, makes it also fully compatible with the most used porcelains in the market.

Features:
CTE of 14.1 to 14.5, is compatible with almost all porcelains in the market
* Ceramco
* Ceramco 2
* Noritake
* Ceratec
* Vision

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>100034</td>
<td>SMART-REX - Rexillium III formula 5oz Nickel Chrome Berilium for ceramics/porcelains...</td>
<td>US$ 37.02</td>
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<tr>
<td>101937</td>
<td>SMART-REX - Rexillium III formula 1Kg (From Bulk package) Nickel Chrome Berilium for ceramics/porcelains...</td>
<td>US$ 181.73</td>
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</table>

EXACTO- 100532 ExactoBond Ni-Cr-Be 1oz

ExactoBond Ni Cr with Berilium 1oz Nickel Chrome Berilium for ceramics/porcelains - FOR CERAMCO PORCELAIN - [Nickel Chrome NiCrBe Ceramic alloys] US$ 4.78
SMART BOND CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be - SMART

SMART BOND CERAMIC NICKEL CHROME - SMART

Alloy Name: Smart Bond NON-PRECIOUS ALLOYS

CTE of 14,1 to 14,5, is compatible with almost all porcelains in the market - Ceramco - Ceramco 2 - Noritake - Ceratec - Vision.

Color: White

Type: PFM

SMART 1 is the most recognized non-precious alloy in the world, and continues to be the top-seller at Dental Alloy Products. This amazing alloy has been in the marketplace for over 40 years. SMART BOND has a superb clinical history and works perfectly as a high-strength, economical alloy. Its advanced metallurgical properties, including a light oxide, ensure consistent, faithful wax reproduction with sharp margins.

Modeling: Maintain a minimum wax thickness of 0.3 to 0.4 mm. The wax pattern design should have lingual collars and no sharp corners. Lingual eyelet rings help support castings during firing.

Oxydizing or Degassing 650-980°C, Hold 0 min with Vacuum, Do not remove oxide.

Melting Range C: 1160-1280
Casting Temp C: 1370
Expansion at 500°C: 14.5
Expansion at 600°C: 14.7
Burnout Temp C: 870

Please scroll below for more Instructions and Technical Specifications

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1oz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>114189</td>
<td>SMART-BOND II Nickel Crome Non Berilium ( Free) 1oz - FOR CERAMCO PORCELAIN - ...</td>
<td>US$ 5.00</td>
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<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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<tbody>
<tr>
<td>1lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>112264</td>
<td>SMART-BOND Nickel Chrome Berilium for ceramics/porcelains 1lb - FOR CERAMCO PORC...</td>
<td>US$ 46.12</td>
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</tbody>
</table>
SMART-5 VITA CERAMIC ALLOY
NICKEL CHROME Ni-Cr-Be- ARGENT
SPECIAL FOR VITA PORCELAINS
DENTALALLOYS

SMART V
With a CTE of 14,1 to 14,5 , is compatible with almost all porcelains in the market - Ceramco - Ceramco 2- Noritake - Ceratec - Vision.
Is the most recognized non-precious alloy in the world, and continues to be the top-seller at Dental Alloy Products.
Has a superb clinical history and works perfectly as a high-strength, economical alloy. Its advanced metallurgical properties, including a light oxide, ensure consistent, faithful wax reproduction with sharp margins.

Super 14
With a CTE 13,6 to 14,0 , is compatible with VITA porcelains

Formula:
Super 1: in % of the weight:
* Ni ( 77% )
* Cr ( 14% )
* Mo (4.7%)
* Al ( 2% )
* Be ( 1.8% )

Super 14: in % of the weight:
* Ni ( 72% )
* Cr ( 15% )
* Mo ( 9% )
* Al ( 2% )
* Be (1.8%)

Instructions for Use:
1. Modeling: Maintain a minimum wax thickness of 0.3
to 0.4 mm. The wax pattern design should have lingual collars and no sharp corners. Lingual eyelet rings help support castings during firing.

2. Spruing (Single Crowns): Use direct sprues, 8-10 gauge, (3.3-2.6 mm diameter) and 1/2 in. (12 mm) long with adequate reservoirs. There should be no more than 1/4 in. (6 mm) of investment from the top of the pattern to the top of the investment.

3. Induction or Electrical Casting: When using induction casting machine, pre-heat the crucible. Set the arm speed to 400-450 rpm & set the power to high and be sure that the alloy is pulsating and slumping. The casting temperature of automatic casting equipment should be set for 2500 °F (1370 °C) with a five seconds heat soak.

4. Cooling: Allow casting ring to cool to room temperature. DO NOT quench in water.

### SUPER-14 VITA CERAMIC ALLOY

<table>
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<tr>
<td>100617</td>
<td>SUPER-14 VITA Ni Cr with Berilio 1Kg - FOR VITA PORCELAIN - ...</td>
<td>US$ 115.76</td>
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</tbody>
</table>

### SMART-7 NORITAKE CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be- ARGEN

SMART-7 NIQUEL CHROME - BERILIO SPECIAL FOR NORITAKE PORCELAINS

**Instructions For Use:**

**SPRUING (SINGLE CROWNS)** - Use direct sprues, 8-10 gauge, (3.3-2.6 mm diameter) and 1/2 in. (12 mm) long with adequate reservoirs. There should be no more than 1/4 in. (6 mm) of investment from the top of the pattern to the top of the investment.

**MODELING** - Maintain a minimum wax thickness of 0.3 to 0.4 mm. The wax pattern design should have lingual collars and no sharp corners. Lingual eyelet rings help support castings during firing.

**INDUCTION** or Electrical Casting - When using induction casting machine, pre-heat the crucible. Set the arm speed to 400-450 rpm & set the power to high and be sure that the alloy is pulsating and slumping. The casting temperature of automatic casting equipment should be set for 2500 °F (1370 °C) with a five seconds heat soak.

**COOLING** - Allow casting ring to cool to room temperature. DO NOT quench in water.

**Size:** 1 oz - (1 Kg minimum order)
### Alloys

**Nickel Chrome Berilium**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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<tbody>
<tr>
<td>113477</td>
<td>SMART-7 Ni Cr Berilium - 1 oz - For Noritake - Specially designed FOR NORITAKE...</td>
<td>US$ 5.00</td>
</tr>
</tbody>
</table>

**DENTALALLOY - 103907 SUPER-1 Ni Cr Be Ingot 1oz**

FATHER SUPER-1 Ni Cr with Berilium 1oz Nickel Chrome Berilium for porcelain (priced per - (Sold in orginal 5 ouces Pk) - FOR CERAMCO PORCELAIN - [NiCrBe Ceramic alloys] SUPER-1 Ni Cr with Berilium 1oz Nickel Chrome Berilium for porcelain.

FOR CERAMCO PORCELAIN

CTE of 14,1 to 14,5, is compatible with almost all porcelains in the market - Ceramco - Ceramco 2- Noritake - Ceratec - Vision.

Sold in orginal 5 ouces Pk

For Complete product information please visit our [www.usdentaldepot.com](http://www.usdentaldepot.com)

**BEGO - 010-50225 Wiron 99 - Ni-Cr n/Be 1 kg**

BEGO - Wiron 99 - 1kg Chrome Cobalt

# 010-50225 - Mfg # 50225

**Descriptions:**

* Non-precious alloy for metal-to-ceramic work or acrylic veneering
* Extremely high resistance to corrosion
* Biocompatibility certified
* Low thermal conductivity.
* High modulus of elasticity.
* Great strength for long span bridges
* Easy finishing thanks to low hardness of 180.
* Long cooling time not required: low coefficient of expansion.
* Reliable metal-to-ceramic bond. High bonding strength to ceramics
* High heat resistance: dimensional stability during firing and soldering.

**Composition in % by weight:**

Ni 65, Cr 22.5, Mo 9.5, Nb, Si, Fe, Ce each

**Alloy characteristics:**

* Color: Silver
* Density: 8.2 g/cm³
* Casting temperatura: 1310 - 1250 C
* Casting temperatura: approx. 1420 C
* Coefficient of expansion 20 - 600 C: 14.0 x 10-6K-1
* Coefficient of expansion 25 - 500 C: 13.8 x 10-6K-1

**Price:** US$ 567.00
* Ductile yield (A5): 25 %
* Elongation limit (Rp 0,2): 330 [MPa]
* Thermal contraction solidus to room temperatura: approx. 2.2 %
* Modulus of elasticity: approx. 205 [GPa]
* Vickers hardness (HV 10) after casting/firing: 180

US DENTAL DEPOT is an Authorized BEGO dealer in US.

**EXACTOBOND CERAMIC ALLOY NICKEL CHROME Ni-Cr-Be FREE**

**Features:**
Formulated Berilium Free. Common Use: For metal-ceramic restorations Its advanced metallurgical properties, including a light oxide, ensure consistent, faithful wax reproduction with sharp margins.

**Physical Properties:**
* Composition Weight %
  * Metal: Ni(54)Cr(22)Mo(9) Fe (4) Ta (4)
  * Expansion at 500C: 14.1
  * Crucible: Quartz or Zircon
  * Expansion at 600C: 14.5

For more info check our website www.usdentaldepot.com

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<thead>
<tr>
<th>Code</th>
<th>Name</th>
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<tbody>
<tr>
<td>103920</td>
<td>EXACTOBOND II Ni Cr Non Berilio 10oz  Nickel Chrome Berilium Free  - FOR CERAMIC RESTORATIONS</td>
<td>US$ 47.75</td>
<td>+Info</td>
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<tr>
<td>102197</td>
<td>EXACTOBOND II Ni Cr Non Berilio 1LB  Nickel Chrome Berilium Free  - FOR CERAMIC RESTORATIONS</td>
<td>US$ 60.01</td>
<td>+Info</td>
</tr>
<tr>
<td>101416</td>
<td>EXACTOBOND II Ni Cr Non Berilio 1kg  Nickel Chrome Berilium Free  - FOR CERAMIC RESTORATIONS</td>
<td>US$ 112.00</td>
<td>+Info</td>
</tr>
</tbody>
</table>

**YETI - 417188 SOLIBOND N Ni-Cr-Be Free 1kg**

US$ 116.92

**Features:**
Firing nickel-chromium alloy

**YETI - SOLIBOND N Ni-Cr beryllium free metal to ceramic alloy 1Kg (daily price) be# 963-1000**
**Beryllium-free nickel-chromium bonding alloy**

* Very good processing properties in the flow behavior of the melt
* Cast safety, quick and easy polishing, firing stability of the alloy
* Highest accuracy of fit with a comfortable to handle hardness of 180 HV
* Very thin oxide layer, aesthetically advantageous design of the ceramic
* Optimal bonding with ceramic compounds - Oxydbrand not mandatory
* Excellent mouth resistance - highly corrosion resistant
* Laser welding

Tip: best casting results in combination with the investment materials YETIVEST, DUOVEST, YETI EXPANSION and YETI EXPANSION plus

Quantity: 1 kg

---

**SUPER 3 NICKEL CHROME Ni-Cr-Be Free - DENTAL ALLOY PRODUCTS**

**NICKEL CHROME DENTAL ALLOY SUPER 3 Ni-Cr-Be Free - DENTAL ALLOY**

Formulated Berilium Free.

**Common Use**: For metal-ceramic restorations

Its advanced metallurgical properties, including a light oxide, ensure consistent, faithful wax reproduction with sharp margins.

**Composition Weight**

* Ni (54%)
* Cr (22%)
* Mo (9%)
* Fe (4%)
* Ta (4%)

**Physical Properties**:

* Expansion at 500°C: 14.1
* Crucible: Quartz or Zircon
* Expansion at 600°C: 14.5

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<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
<th>Info</th>
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<td>102198</td>
<td>SUPER-3 Ni Cr Non Berilium (Free) 1LB - Nickel Chrome Berilium Free FOR CERAMCO...</td>
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<td>+Info</td>
</tr>
<tr>
<td>100010</td>
<td>SUPER-3 Ni Cr Non Berilium (Free) 1Kg - Nickel Chrome Berilium Free FOR CER...</td>
<td>US$ 110.65</td>
<td>+Info</td>
</tr>
<tr>
<td>103919</td>
<td>SUPER-3 Ni Cr Non Berilium (Free) 10oz - Nickel Chrome Berilium Free FOR CERAMCO...</td>
<td>US$ 53.55</td>
<td>+Info</td>
</tr>
<tr>
<td>100533</td>
<td>SUPER-3 Ni Cr Non Berilium (Free) 1oz - Cromo niquel sin Berilio FOR CERAMCO...</td>
<td>US$ 4.31</td>
<td>+Info</td>
</tr>
</tbody>
</table>
CR CO NON BE - CERAKAST

CR CO NON BE - CERAKAST

Specification:
* Ni -54%
* Cr -22%
* Mo - 9%
* Fe - 4 %
* Nb - 4%
* Ta - 4%

Melting Range: 2230-2245 F - 1220-1230 C

Casting Temperature: 2500 F - 1370 C
Coefficient of Linear Thermal Expansion: CTE: 25-500
To 25-600 14.1 To 14.4
Oxidation - 1000 C - 1 minute with or without vacuum.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
<th>+</th>
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</thead>
<tbody>
<tr>
<td>102200</td>
<td>CeraKast-2 Ni Cr Non Berilium 1LB  Nickel Chrome Berilium Free - FOR CERAMCO...</td>
<td>US$ 54.14</td>
<td>+Info</td>
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<tr>
<td>102188</td>
<td>CeraKast-2 Ni Cr Non Berilium 1 Kg  Nickel Chrome Berilium Free - FOR CERAMCO...</td>
<td>US$ 154.35</td>
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<tr>
<td>103918</td>
<td>CeraKast-2 Ni Cr Non Berilium 1oz Nickel Chrome Berilium Free ( PACKAGING WAR...</td>
<td>US$ 5.36</td>
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</tbody>
</table>

DENTAL ALLOY - 114352 SUPER-11 Ni Cr Mo Be FREE 1oz

DENTAL ALLOY - SUPER-11 VITA NiCr
Nickel Chrome NON Berilium
# 114352

Features:
non berilium & with molybdenum 1oz - for vita porcelain and ivocalr ips design -
(Berilium Free)
Phosphate Bonded Nickel Chrome NiCrMo Porcelain to metal alloy.

Size: 1oz
TECH STAR ALLOY - ADS
ADS - TECH STAR ALLOY

Feature:
* Tech Star is a predominantly base white ceramic alloy with excellent properties and handling characteristics.
* It exhibits excellent casting, finishing and polishing properties.
* Tech Star contains: 78.2% Ni, 13% CR, 5% Mo, and 1.8% Be.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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<tbody>
<tr>
<td>118415</td>
<td>ADS DENTAL - Tech Star Alloy 5 oz. - # T 986-6</td>
<td>US$ 57.78</td>
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<td>118414</td>
<td>ADS DENTAL - Tech Star Alloy 1 oz. - # 310103</td>
<td>US$ 13.87</td>
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</tbody>
</table>
Catalog Index / Indice

Chrome Cobalt ................................................................. 1
Gold color Alloys ............................................................. 3
Nickel Chrome Berilium ..................................................... 4
Nickel Chrome NON Berilium ............................................ 11