



## **Premium Chrome Cobalt Partial Denture Alloy**

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Complies with  
European Medical  
Device Directive  
and **ISO: 13485**

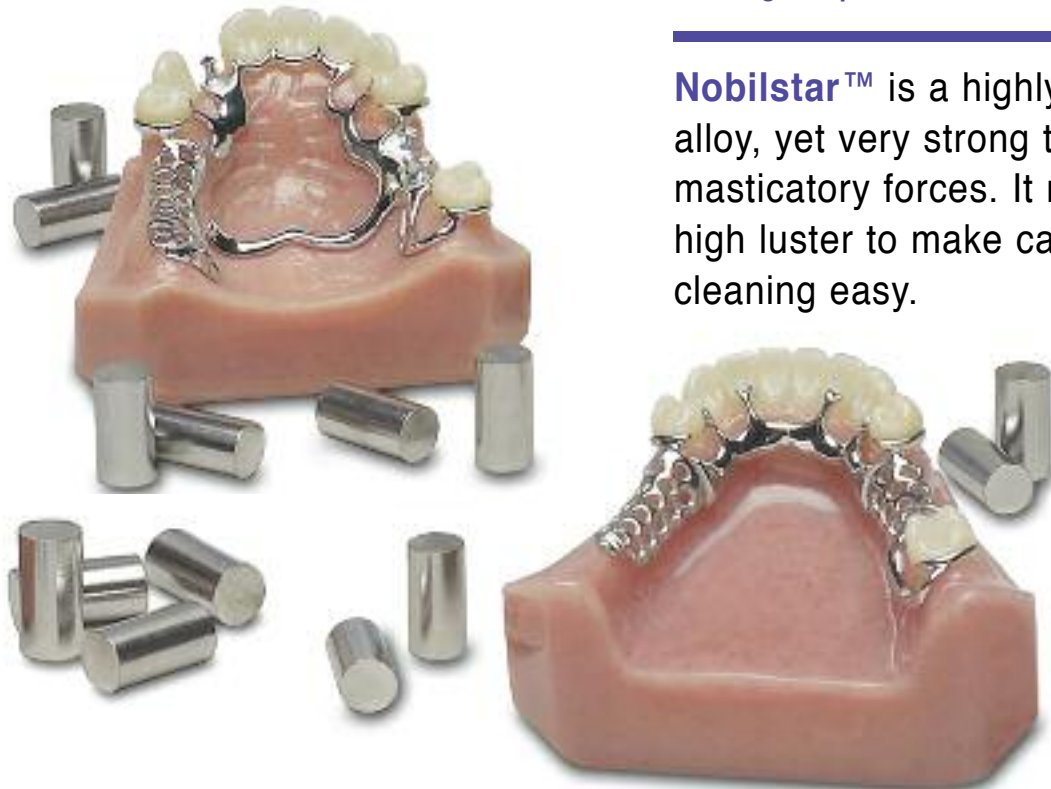
- ★ **Extremely Adjustable**
- ★ **9% Elongation**
- ★ **Continuous casting assures consistent quality!**



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The finest raw materials are used to manufacture **Nobilstar™**. They are combined in a state-of-the-art continuous casting process to assure consistent high-quality results.



## **Physical Properties**

<b>Composition:</b>	65% Cobalt 27.5% Chromium 5.5% Molybdenum
<b>Density:</b>	8.2 g/cc
<b>Hardness:</b>	Vickers 430 VHN1
<b>Proof Stress 0.2%:</b>	640 MPa
<b>Tensile Strength:</b>	848 MPa
<b>Modulus of Elasticity:</b>	193 GPa
<b>Elongation:</b>	9.0%
<b>Fusion Range:</b>	2430°-2485°F (1332°-1363°C)
<b>Burnout Temperature:</b>	1850°F (1010°C)
<b>Casting Temperature:</b>	2750°F (1510°C)

**Nobilstar™** is a highly adjustable alloy, yet very strong to withstand masticatory forces. It maintains a high luster to make care and cleaning easy.