



The BEGO cobalt-chrome milling blanks

MEDILOY® M-CO

Partners in Progress



Mediloy[®] M-Co

The BEGO cobalt-chrome milling blanks

Thanks to decades of research and continuous innovation, we are specialists in dental alloys today. Furthermore, we provide market-leading CAD/CAM process expertise. Now we pool our skill sets and pour them into our Mediloy[®] CAD/CAM alloys. You can rely on our “Made in Germany” top quality!



Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality.

**OUTSTANDING
MILLABILITY,**

LOW TOOL WEAR

Mediloy[®] M-Co

Special features at a glance

The advantages for you

- Approved for crowns and bridges, metal-ceramics as well as implant prosthetics
- Biocompatible and corrosion-resistant like all BEGO alloys*
- The special heat treatment used in production provides the user with
 - a reduced tool wear while
 - a homogeneous structure – no cavities or porosities
 - a material that is particularly easy to mill
- Reduced hardness of 290 HV10 enables easier processing
- Available in the strengths:
 - without shoulder: 8, 10, 12, 14, 16, 18, 20, 22 and 25 mm
 - with shoulder: 12, 14, 16, 18, 20, 22 and 25 mm



* Biocertificates can be found online at bego.com

Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality.

**REDUCED HARDNESS
OF 290 HV10,
EASY PROCESSING**

Mediloy[®] M-Co

Technical details

Product details

Composition in % by mass

Co 63.8 · Cr 24.8 · W 5.3 · Mo 5.1 · Si 1.0

Alloy characteristics

Type (accord. to ISO 22674)	4
Density	8.3 g/cm ³
Young's modulus	233 GPa
0.2% proof strength (R _{p0.2})	415 MPa
Elongation after fracture (A ₅)	35 %
Vickers hardness	290 HV10
Coefficient of thermal expansion (CTE) 25–500°C, 10 ⁻⁶ K ⁻¹	14.3

Availability	Diameter	Content	with shoulder REF	without shoulder REF
Mediloy [®] M-Co 8 mm	98.0 mm	1 piece		50939
Mediloy [®] M-Co 10 mm	98.0 mm	1 piece		50940
Mediloy [®] M-Co 12 mm	98.0 mm	1 piece	50951	50941
Mediloy [®] M-Co 14 mm	98.0 mm	1 piece	50952	50942
Mediloy [®] M-Co 16 mm	98.0 mm	1 piece	50953	50943
Mediloy [®] M-Co 18 mm	98.0 mm	1 piece	50954	50944
Mediloy [®] M-Co 20 mm	98.0 mm	1 piece	50955	50945
Mediloy [®] M-Co 22 mm	98.0 mm	1 piece	50956	50946
Mediloy [®] M-Co 25 mm	98.0 mm	1 piece	50957	50947

SPECIAL HEAT TREATMENT MAKES IT
PARTICULARLY EASY
TO MILL

Mediloy® M-Co

Economic advantages for your laboratory

The key question: Is Mediloy® M-Co economically viable for my laboratory?

Find out for yourself by calculating your previous costs per milled unit, including tool wear, and comparing them to Mediloy® M-Co.

When using Mediloy® M-Co, after a while you will discover that your costs for tools and their wear are decreasing significantly, thanks to the excellent milling properties of the material.

In addition to these outstanding, approved properties you also benefit from the reliable compatibility of BEGO partial denture alloys, Wirobond® C+ SLM frameworks (e.g., primary crowns) and units milled from Mediloy® M-Co (e.g., crowns/secondary crowns).



**Good economic
efficiency –
low tool wear!**



Pictures and illustrations are exemplary. Colors, symbols, design, and information on the labels and/or packaging shown may differ from reality.



www.bego.com

BEGO Bremer Goldschlägerei Wilh. Herbst GmbH & Co. KG

Wilhelm-Herbst-Str. 1 · 28359 Bremen, Germany

Tel. +49 421 2028-0 · Fax +49 421 2028-100

E-Mail info@bego.com · www.bego.com

Always want to have a look at all BEGO news?

Sign up for our newsletter here: www.bego.com/newsletter



Errors and changes excepted. Our deliveries of products and services are governed by our Standard Terms of Business (STB), which are available at any time at www.bego.com and will be sent upon request.

Please note that not all our products and services are available throughout the world, depending on authorities' approvals. For more information, please consult your local BEGO representative.