

Instructions for use

Intended use

Clasp wire for dental applications

Wironit®-Klammerdraht is available as wire in different diameters and profiles.

REF	48220 (round, Ø 0.6 mm)
	48250 (round, Ø 0.7 mm)
	48280 (round, Ø 0.8 mm)
	48310 (round, Ø 0.9 mm)
	48340 (round, Ø 1.0 mm)
	48430 (half-round 0.65 * 1,3 mm)
	48460 (halfround 0.75 * 1,5 mm)

Alloy characteristics

Wironit®-Klammerdraht is free of cadmium, beryllium and lead

Density	g/cm³	8
Modulus of elasticity	GPa	approx. 200
0,2 % elongation limit (R _{p0.2})	MPa	< 200
Tensile strength (R _m)	MPa	< 500
BEGO-color code		8

Indications for use: Wironit®-Klammerdraht is a nickel containing iron based alloy for acrylic dentures and orthodontics.

Contraindications: No contraindications are known. However, unwanted biological reactions such as allergies to contents of the alloy or electrochemically based reactions may very rarely occur. In case of known incompatibilities and allergies to contents of the metallic material it should not be used.

Warnings: Metal dust is harmful to your health. When grinding and blasting use suitable air extraction system/ventilation at the workplace and breathing mask type FFP3-EN149!

Precautions: In case of occlusal or approximal contact with a different alloy electrochemically based reactions may very rarely occur. Safety and effectiveness in treatment of children or treatment of pregnant or nursing woman have not been established. Wironit®-Klammerdraht may influence negatively the interpretation of MRI investigations.

Adverse reactions: No adverse reactions are known. Nevertheless, the rare case of occurrence of individual reactions against single components of Wironit®-Klammerdraht can never be excluded completely. In this case, the application of Wironit®-Klammerdraht should not be continued.

Prescription device: Caution: US Federal law restricts this device to sale by or on the order of a licensed dentist.

Processing: Do not use sharp gripper for bending to avoid failures due to changing wire diameters and shear tensions.

Due to too many deformings and too strong bendings (activation) tension and embrittlement may occur, which may lead to failure.

Brazing: Do not braze Wironit®-Klammerdraht because the material will loose its mechanical properties.

Laser welding: If possible avoid laser welding. If laser welding is unavoidable use the filler material Wiroweld Ø 0.35 mm (REF 50003) or Ø 0.5 mm (REF 50005). Do not heat up larger areas because the material will loose its mechanical properties.

Storage conditions: none

Limit of Liability: Except where prohibited by law, BEGO Bremer Goldschlägerei Wilh. Herbst GmbH & Co. KG will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Warranty: Whether given verbally, in writing or by practical instructions, our recommendations for use are based upon our own experience and trials and can be considered as standard values. Our products are subject to a constant further development. Therefore alterations in construction and composition are reserved.

US Labeling requirements: The device labeling meets the recommendations of FDA applicable guidance documents.

Any serious incident that has occurred in relation to Wironit®-Klammerdraht should be reported to BEGO Bremer Goldschlägerei Wilh. Herbst GmbH & Co. KG and the competent authority.



Consult instructions for use



Caution



Use-by-date



Batch code



Non-sterile

Rx only
For professional use only



Catalogue number



Manufacturer

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