Clasps and wires

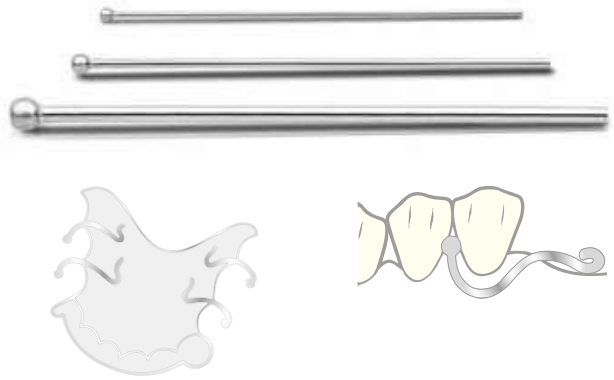
Learn more:

SCHEU-Anchor

Unique retention and spring force! SCHEU-Anchors consist of stainless steel alloys (material DIN no. 1.4301) with excellent resistance to corrosion and oral conditions.

Ø 0.6 mm	**2048.1** 10 pieces	**2048.2** 100 pieces	
Ø 0.7 mm	**2049.1** 10 pieces	**2049.2** 100 pieces	**2049.3** 1000 pieces
Ø 0.8 mm	**2050.1** 10 pieces	**2050.2** 100 pieces	**2050.3** 1000 pieces
Ø 0.9 mm	**2051.1** 10 pieces	**2051.2** 100 pieces	**2051.3** 1000 pieces
Ø 1.0 mm	**2052.1** 10 pieces	**2052.2** 100 pieces	
Ø 1.2 mm	**2053.1** 10 pieces	**2053.2** 100 pieces	

CE

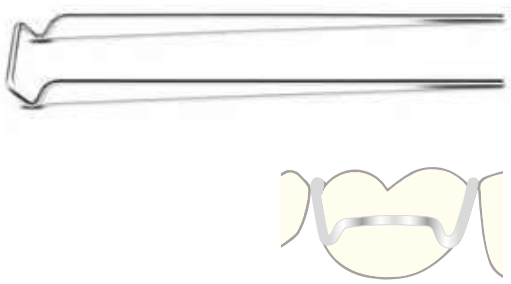


Adams Clasp

Modified form for optimised retention and easy adjustment. Made of the nickel-free MENZANIUM® alloy – nickel trace elements of 0 to 0.2% are procedurally possible.

Ø 0.7 mm, width 6 mm	**2104.1** 10 pieces	**2104.2** 100 pieces
Ø 0.7 mm, width 7 mm	**2105.1** 10 pieces	**2105.2** 100 pieces
Ø 0.7 mm, width 8 mm	**2106.1** 10 pieces	**2106.2** 100 pieces
Ø 0.7 mm, width 9 mm	**2107.1** 10 pieces	**2107.2** 100 pieces
Ø 0.7 mm, width 10 mm	**2108.1** 10 pieces	**2108.2** 100 pieces
Ø 0.7 mm, width 11 mm	**2109.1** 10 pieces	**2109.2** 100 pieces

CE

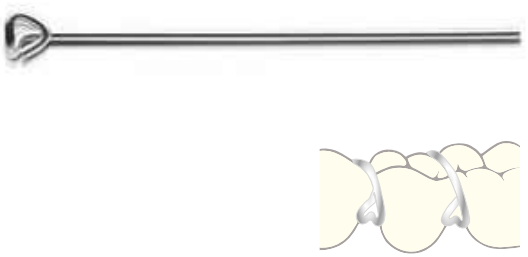


Triangle Clasp

Made of the nickel-free alloy MENZANIUM®, with high-gloss polished surface. Excellent elasticity and breaking strength. Nickel trace elements from 0 to 0.2% are procedurally possible.

Ø 0.7 mm	**2288.1** 100 pieces	**2288.2** 1000 pieces
Ø 0.8 mm	**2322.1** 100 pieces	**2322.2** 1000 pieces

CE



Arrow Clasp

Made of the nickel-free alloy MENZANIUM®, with high-gloss polished surface. Excellent elasticity and breaking strength. Nickel trace elements from 0 to 0.2% are procedurally possible.

Ø 0.7 mm	**2055.2** 100 pieces
Ø 0.8 mm	**2056.2** 100 pieces

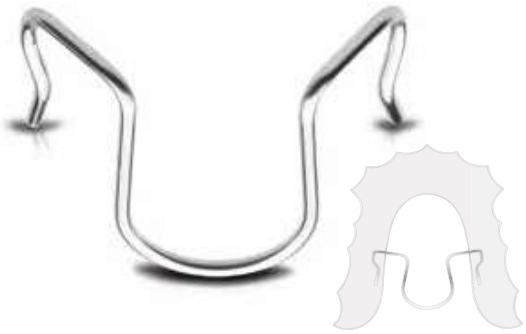
CE

Coffin spring

Made of the nickel-free MENZANIUM® alloy – nickel trace elements of 0 to 0.2% are procedurally possible.

Ø 1.2 mm, length 11 mm	**2419.1** 10 pieces	**2419.2** 100 pieces

CE



Frontal guiding bars acc. to Hinz

For treatment of Angle Class II cases (lower jaw retrusion/distal occlusion) by means of bimaxillary appliances as well as for bilateral upper jaw expansion in growing children using an expansion screw. Made of the nickel-free alloy MENZANIUM® – nickel trace elements from 0 to 0.2 % are procedurally possible.

Ø 1.2 mm, length 14 mm	**2329.1** 5 pairs	**2329.2** 50 pairs
Ø 1.2 mm, length 18 mm	**2330.1** 5 pairs	**2330.2** 50 pairs

CE

U-Bar acc. to Karwetzky

Functional orthodontic appliance enabling the lower jaw to move in the required position depending on the type (1 - 3). U-bars acc. to Karwetzky consist of stainless steel alloys with excellent resistance to corrosion and oral conditions.

U-Bar acc. to Karwetzky	**2118.1** 5 pairs	**2118.2** 50 pairs

CE

MENZANIUM®

MENZANIUM® is a nickel-free stainless steel alloy, fabricated in a patented high pressure melting process replacing allergenic components of nickel by manganese and nitrogen. Compared to conventional stainless steel wires, corrosion resistance and breaking strength are increased. Wire is available in two versions hard (1400 - 1600 N/mm²) and spring hard (1800 - 2000 N/mm²). Processing by joining techniques such as laser-welding and welding. Measurements, tolerances and quality in accordance with DIN EN ISO 15841.

Learn more:

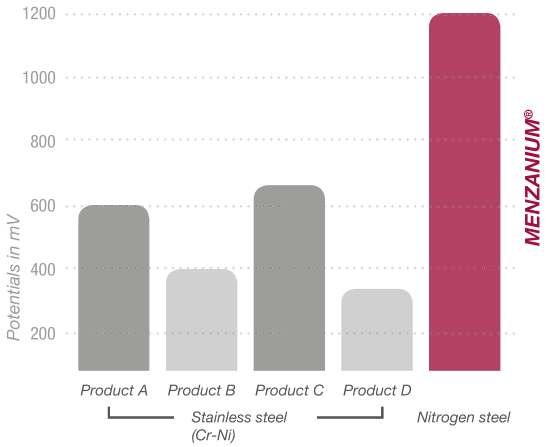
MENZANIUM® Coil wire

Diamond drawn and high gloss polished, available as laboratory coil (10 - 50 m wire length) or clincial coil (500 g / 58 - 330 m wire length).

Ø 0.7 mm / .028 inch, hard	**8453.1** 30 m	**8453.2** 500 g
Ø 0.8 mm / .032 inch, hard	**8454.1** 20 m	**8454.2** 500 g
Ø 0.9 mm / .036 inch, hard	**8455.1** 10 m	**8455.2** 500 g
Ø 1.0 mm / .040 inch, hard	**8456.1** 10 m	
Ø 0.5 mm / .020 inch, spring hard	**8459.1** 50 m	
Ø 0.6 mm / .024 inch, spring hard	**8460.1** 40 m	**8460.2** 500 g
Ø 0.7 mm / .028 inch, spring hard	**8461.1** 30 m	**8461.2** 500 g
Ø 0.8 mm / .032 inch, spring hard	**8462.1** 20 m	**8462.2** 500 g
Ø 0.9 mm / .036 inch, spring hard	**8463.1** 10 m	**8463.2** 500 g
Ø 1.0 mm / .040 inch, spring hard	**8464.1** 10 m	**8464.2** 500 g
Ø 1.2 mm / .048 inch, spring hard	**8466.1** 10 m	**8466.2** 500 g

Nickel trace elements of 0–0.2% are procedurally possible.

CE



Breakdown potential for wires from the group of iron alloys

Electrochemical study of corrosion properties of orthodontic auxiliaries in artificial saliva (reference electrode Ag / AgCl, feed rate: 1 m V/sec).

M. Neuhöfer: "Experimental Dentistry", dissertation 1993, University of Freiburg, head: Prof. Dr. H. F. Kappert

MENZANIUM® Wire rods

Crosscut and aligned, in packages of 500 g.

Ø 0.7 mm / .028 inch, length 75 mm, hard	**8480.1** 500 g
Ø 0.7 mm / .028 inch, length 150 mm, hard	**8482.1** 500 g
Ø 0.6 mm / .024 inch, length 75 mm, spring hard	**8478.1** 500 g
Ø 0.7 mm / .028 inch, length 75 mm, spring hard	**8467.1** 500 g
Ø 0.7 mm / .028 inch, length 150 mm, spring hard	**8468.1** 500 g
Ø 0.8 mm / .032 inch, length 150 mm, spring hard	**8469.1** 500 g
Ø 0.8 mm / .032 inch, length 200 mm, spring hard	**8470.1** 500 g
Ø 0.9 mm / .036 inch, length 150 mm, spring hard	**8471.1** 500 g
Ø 0.9 mm / .036 inch, length 200 mm, spring hard	**8472.1** 500 g
Ø 1.0 mm / .040 inch, length 200 mm, spring hard	**8473.1** 500 g

Nickel trace elements of 0 - 0.2% are procedurally possible.

CE

CHROMIUM

Wire made of chrome nickel steel (DIN material no. 1.4310), available in two versions hard (1400 - 1600 N/mm²) and spring hard (1800 - 2000 N mm²). Processing by joining techniques such as laser-welding and welding. Measurements, tolerances and quality in accordance with DIN EN ISO 15841.

Learn more:

CHROMIUM Coil wire

Diamond drawn and high gloss polished, available as laboratory coil (10 - 50 m wire length) or clincial coil (500 g / 26 - 324 m wire length).

Ø 0.5 mm / .020 inch, hard	**8323.1** 50 m	
Ø 0.6 mm / .024 inch, hard	**8324.1** 40 m	
Ø 0.7 mm / .028 inch, hard	**8325.1** 30 m	**8325.2** 500 g
Ø 0.8 mm / .032 inch, hard	**8326.1** 20 m	**8326.2** 500 g
Ø 0.9 mm / .036 inch, hard	**8327.1** 10 m	**8327.2** 500 g
Ø 1.0 mm / .040 inch, hard	**8328.1** 10 m	**8328.2** 500 g
Ø 1.1 mm / .044 inch, hard	**8329.1** 10 m	
Ø 1.2 mm / .048 inch, hard	**8338.1** 10 m	
Ø 1.5 mm / .059 inch, hard	**8382.2** 500 g	
Ø 1.5 mm / .059 inch, hard	**8383.2** 500 g	
Ø 0.5 mm / .020 inch, spring hard	**8330.1** 50 m	
Ø 0.6 mm / .024 inch, spring hard	**8331.1** 40 m	**8331.2** 500 g
Ø 0.7 mm / .028 inch, spring hard	**8332.1** 30 m	**8332.2** 500 g
Ø 0.8 mm / .032 inch, spring hard	**8333.1** 20 m	**8333.2** 500 g
Ø 0.9 mm / .036 inch, spring hard	**8334.1** 10 m	**8334.2** 500 g
Ø 1.0 mm / .040 inch, spring hard	**8335.1** 10 m	**8335.2** 500 g
Ø 1.1 mm / .044 inch, spring hard	**8336.1** 10 m	**8336.2** 500 g
Ø 1.2 mm / .048 inch, spring hard	**8339.1** 10 m	**8339.2** 500 g

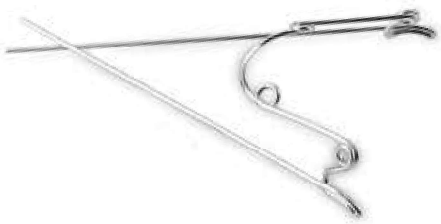
CE

CHROMIUM Wire rods

Crosscut and aligned, in packages of 500 g.

Ø 0.7 mm / .028 inch, length 100 mm, hard	**8293.1** 500 g
Ø 0.7 mm / .028 inch, length 150 mm, hard	**8294.1** 500 g
Ø 0.8 mm / .032 inch, length 150 mm, hard	**8297.1** 500 g
Ø 0.7 mm / .028 inch, length 75 mm, spring hard	**8306.1** 500 g
Ø 0.7 mm / .028 inch, length 100 mm, spring hard	**8307.1** 500 g
Ø 0.7 mm / .028 inch, length 150 mm, spring hard	**8308.1** 500 g
Ø 0.8 mm / .032 inch, length 150 mm, spring hard	**8311.1** 500 g
Ø 0.8 mm / .032 inch, length 200 mm, spring hard	**8312.1** 500 g
Ø 0.9 mm / .036 inch, length 150 mm, spring hard	**8313.1** 500 g
Ø 0.9 mm / .036 inch, length 200 mm, spring hard	**8314.1** 500 g

CE

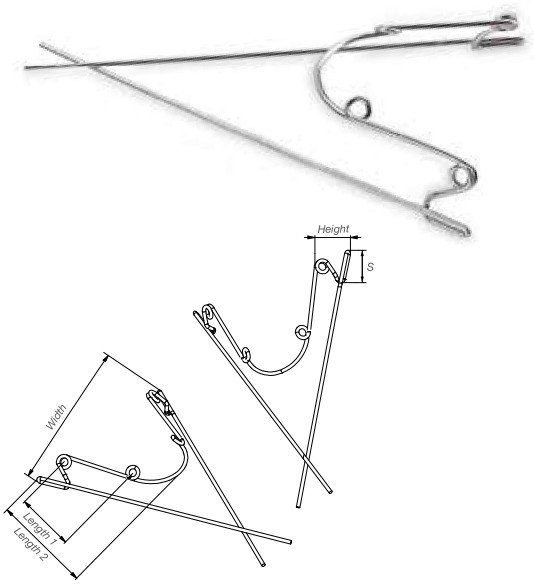


Quad Helix

Ready-made expansion arch from CHROMIUM wire (Ø 0.9 mm) for fixation at the upper molars in palatal sheaths. Available in straight and curved.

size 1, straight sheath	**8010.1** 5 pieces
size 1, curved sheath	**8011.1** 5 pieces
size 2, straight sheath	**8020.1** 5 pieces
size 2, curved sheath	**8021.1** 5 pieces
size 3, straight sheath	**8030.1** 5 pieces
size 3, curved sheath	**8031.1** 5 pieces

CE 0044



	straight			curved		
	8010	8020	8030	8011	8021	8031
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
Length 1	13	16	17.5	13	16	17.5
Length 2	25	27	29	25	27	29
Width	36	39	45	36	39	45
Height	9	9	9	10	10	10
S	5.5 + 1					

S = dimension sheath

Lingual/palatal sheath

Stainless steel sheaths for soldering or laser-welding on molar bands. Available in straight and curved.

straight	**8080.1** 5 pieces
curved	**8081.1** 5 pieces

CE 0044