PRODUCT-DATA SHEET

- High-grade steel products –

Please note that our stainless steel products should not be exposed to MRT (magnetic resonance tomography)

No.	Product name	Alloy
1a)	Prothetic clasps and bars - O, OK, J, JM, T, TK, N, NK, B, Jaw Fracture Splints, Poly-J	Chromium-nickel steel, Material No. 1.4301, Alloy components: C ≤ 0,07 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 17,50 - 19,50 % Mo = --- Ni = 8,00 - 10,50 % V = --- Others = N ≤ 0,11 % Fe = rest
1b)	Orthodontic clasps and bars: Scheu-Anchor STEADY-bar	Chromium-nickel steel, Material No. 1.4301, Alloy components: C ≤ 0,07 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 17,50 - 19,50 % Mo = --- Ni = 8,00 - 10,50 % V = --- Others = N ≤ 0,11 % Fe = rest
1c)	Adamik-Anchor	a) Chromium-nickel steel, Material No. 1.4305, Alloy components: C ≤ 0,10 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,15 – 0,35 % Cr = 17,00 -19,00 % Mo = --- Ni = 8,00 -10,00 % V = --- Others = Cu ≤ 1,00 %; N ≤ 0,11 % Fe = rest

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- High-grade steel products –

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No.	Product Name	Alloy
2)	<u>Orthodontic clasps and wires:</u> Arrow clasps, Triangle clasp, A-parts, U-Bar, CHROMIUM-Wires, Quad Helix CA Arch CHROMIUM Frontal Guiding Bar lingual/palatal sheath	a) Chromium-nickel-steel, Material No. 1.4310, Alloy components: C = 0,05 – 0,15 % Si ≤ 2,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 16,00 -19,00 % Mo ≤ 0,80 % Ni = 6,00 - 9,5 % V = --- Others = N ≤ 0,11 % Fe = rest
	Arrow-, Triangle-, Adams clasps, Coffin-springs, MENZANIUM-Wires,	b) partially already available in the nickel-free alloy MENZANIUM, material No. 1.4456 (Please pay attention to the label), alloy components: C ≤ 0,10 % Si ≤ 1,00 % Mn = 16,00 - 20,00 % P ≤ 0,05 % S ≤ 0,05 % Cr = 16,00 - 20,00 % Mo = 1,80 – 2,50 % Ni ≤ 0,20 % V ≤ 0,20 % Others = N 0,70 – 1,00 % Fe = rest

PRODUCT-DATA SHEET

- High-grade steel products –

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No.	Product Name	Alloy
3)	<u>Prothetic Bars</u> Profi-Bar	a) Material No. 1.4303 Alloy components: C ≤ 0,06 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 17,00 - 19,00 % Mo = --- Ni = 11,00 - 13,00 % V = --- Others = N ≤ 0,11% Fe = rest
	Lingualbar	b) Material No. 1.4310 Alloy components: C = 0,05 – 0,15 % Si ≤ 2,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 16,00 -19,00 % Mo ≤ 0,80 % Ni = 6,00 - 9,5 % V = --- Others = N ≤ 0,11 % Fe = rest
4)	Face-Bows	a) Material No. 1.4310 (Inner and outer bow): C = 0,05 – 0,15 % Si ≤ 2,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 16,00 -19,00 % Mo ≤ 0,80 % Ni = 6,00 - 9,5 % V = --- Others = N ≤ 0,11 % Fe = rest b) Colour coating Polyesterlaque

PRODUCT-DATA SHEET

- High-grade steel products –

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5)	Distance Rings	Chromium-nickel steel, Material No. 1.4305, Alloy components: C ≤ 0,10 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,15 – 0,35 % Cr = 17,00 -19,00 % Mo = --- Ni = 8,00 -10,00 % V = --- Others = Cu ≤ 1,00 %; N ≤ 0,11 % Fe = rest
6)	HERNER Guiding Telescopes, HERBST hinges, Hinge System 44	Chromium-nickel steel, Material No. 1.4305, Alloy components: C ≤ 0,10 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,15 – 0,35 % Cr = 17,00 -19,00 % Mo = --- Ni = 8,00 -10,00 % V = --- Others = Cu ≤ 1,00 %; N ≤ 0,11 % Fe = rest and Chromium-nickel steel, Material No. 1.4301, Alloy components: C ≤ 0,07 % Si ≤ 1,00 % Mn ≤ 2,00 % P ≤ 0,045 % S ≤ 0,015 % Cr = 17,50 - 19,50 % Mo = --- Ni = 8,00 - 10,50 % V = --- Others = N ≤ 0,11 % Fe = rest

PRODUCT-DATA SHEET

- High-grade steel products –

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7)	Activator-Tubes acc. to Teuscher	Material QC-985.174 similar 1.4435 Alloy Components: Cr 16,2 % Ni 4,5 % Cu 3,6 % Ta + Nb 0,2 % Si 0,5 % max. Mn 0,5 % max. C 0,03 % max. Fe rest