130-001, 130-002, 130-003, 130-004, 130-005
130-006, 130-007, 130-008, 130-009, 130-010
130-011, 130-012, 130-013, 130-014, 130-015
130-016

LEWADENTAL
Dentalfeinmechanik seit 1952

MATERIAL - DATA - SHEET
SAFETY - DATA - SHEET

Product Name and Description

Expansion screws in various sizes as shown in enclosed leaflet. Dental wires and wire products. Devices for assembling into orthodontic appliances.

Materials and Compositions

Stainless Steel	:	Cr= 17 - 19%	Ni=	8 - 10%	Mn=	1 - 2%	Fe=	rest
Nickel - Silver	:	Cu= 41 - 45%	Ni=	9 - 11%	Zn=	rest		
Polyamide	:	$NH(CH_2)_5CO$						
Polyethylene	:	C_2H_4						
Palladium	:	Pd						
Gold	:	Au						

Mechanical Data

		Tensile Strength	*Elongation A5*	*Hardness*
Stainless Steel	:	800 - 900 N/mm²	20%	260 HV 10
Nickel - Silver	:	250 - 300 N/mm²	9%	90 HV 10
Polyamide	:	not tested	not tested	62° Shore
Polyethylene	:	not tested	not tested	45° Shore

Toxical action : none

Allergical action : Persons who are allergic against nickel can get eruptions.
Remedy: Stop therapy immediately.

Dangers caused by the product none

Risk of fire : none

Safety devices : not required

Application : Only for single use. Device has to be built into the applicance of a dental technican. A doctor has to overgrow the therapy. The patient has to keep the appliance clean, especially the expansion screw. Tartar and lime can block the function of the screws.

Quality control : Inspection methods as specified in QM manual according ISO standards

Quality Systems : DIN EN ISO 9001:2000
DIN EN ISO 13485
Directive 93/42/EEC

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