NEUMO
NEUMO Ehrenberg Group

SCiMax®



SEMICONDUCTOR FLOW EQUIPMENT

neumo.de/en

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SCiMax®

SCiMax10

Material	316L / 1.4404 / 1.4435
Dimension	Imperial: 1/4“ - 6“ Metric: 6 - 53 mm Seamless from 6-28 mm available
Technical delivery conditions	ASTM A 632 / A 269 / EN 10217-7 / EN 10216-5 ASTM A 479 / EN 10088-3 (turned parts)/ Tol.: ASTM A 269 / ISO 1127 D4T3 & D4/T4 Pipes and fittings prepared for orbital welding
Surface options	Ra max ≤ 0,25 µm inside and electropolished Ra ≤ 1,0 µm outside
Purity	CFOS acc. to CGA G-4.1-2018, Cleanroom ISO 4 Class 10
Hardness	Per standards / technical delivery conditions
Testing	Incoming material inspection, dimensional inspection, visual inspection, conductivity measurement (DI water), TOC measurement (DI water), particle measurement in cleanroom, SEM, XPS/ESCA, Auger
Marketing method	Tubes: permanent marking along the entire length Fittings: needle engraving or laser marking
Marking	Heat number, NEUMO / EGMO / brand name, job number, material, dimension, delivery standard (where applicable)
Documentation	Inspection certificate 3.1 per EN 10204 or MTR per ASTM for base material / re-stamping certificates for fittings
Packaging	Nitrogen-filled (99.999%), PE film, plastic caps, double film packaging, quivers or crates



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SCiMax®

SCiMax15

Material	316L / 1.4404 / 1.4435
Dimensions	Imperial: 1/4“ – 6“ Metric: 6 – 53 mm Seamless available from 6 – 28 mm / 19 – 53 mm as DIN 11866 H4
Technical delivery conditions	ASTM A 632 / A 269 / EN 10217-7 / EN 10216-5 / ASTM A 479 / EN 10088-3 (turned parts) Tolerances: ASTM A 269 / ISO 1127 D4T3 and D4/T4 Tubes and fittings prepared for orbital welding
Surface options	Ra max ≤ 0.4 µm inside / inch tubes ≥ 1“ Ra max 0.5 µm Ra ≤ 1.0 µm outside
Purity	Per ASTM A 632 S3 „TCC“ Residual grease content acc. CGA G-4.1-2004
Hardness	Per standards / technical delivery conditions
Testing	Incoming material inspection, dimensional inspection, visual inspection, roughness measurement, endoscopy of tubes (random sampling)
Marking method	Tubes: permanent marking along the entire length Fittings: needle engraving or laser marking
Marking	Heat number, NEUMO / EGMO / brand name, job number, material, dimension, delivery standard (where applicable)
Documentation	Inspection certificate 3.1 per EN 10204 or MTR per ASTM for base material / re-stamping certificates for fittings
Packaging	PE caps, film packaging, quivers or crates



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SCiMax30

Material	Imperial: 1/4“ – 6“ Metric: 6 – 53 mm Seamless available from 6 – 28 mm / 19 – 53 mm as DIN 11866 H3 316L / 1.4404 / 1.4435
Dimensions	
Technical delivery conditions	ASTM A 632 / A 269 / EN 10217-7 / EN 10216-5 / ASTM A 479 / EN 10088-3 (turned parts) Tolerances: ASTM A 269 / ISO 1127 D4T3 and D4/T4 Tubes and fittings prepared for orbital welding
Surface options	Ra max ≤ 0,8 µm inside Ra ≤ 1,0 µm outside
Purity	Per ASTM A 632 S3 „TCC“ residual grease content acc. CGA G-4.1-2004,
Hardness	Per standards / technical delivery conditions
Testing	Incoming material inspection, dimensional inspection, visual inspection, roughness measurement, endoscopy of tubes (random sampling)
Marking method	Tubes: permanent marking along the entire length Fittings: needle engraving or laser marking
Marking	Heat number, NEUMO / EGMO / brand name, job number, material, dimension, delivery standard (where applicable)
Documentation	Inspection certificate 3.1 per EN 10204 or MTR per ASTM for base material / re-stamping certificates for fittings
Packaging	PE caps, film packaging, quivers or crates



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