

Material	Seamless or welded stainless steel tube, depending on outer diameter (see dimensions). TP316L / 1.4404 / 1.4435
Dimensions	Stock dimensions: Imperial: 1/8" (3.18 x 0.56 mm)* to 6" (152.40 x 2.77 mm) Metric: 3.00 x 0.50 mm* to 35.00 x 1.50 mm Further dimensions on demand: ISO: 13.50 x 1.60 mm to 219.10 x 2.60 mm
Technical terms of delivery Tubes Length Fittings Tolerances Ends	According to ASTM A 269 / DIN EN 10217-7 / DIN EN 10216-5 5900 - 6090 mm (max. 10% short lengths possible) Tube components: Prematerial according to ASTM A 269 / DIN EN 10217-7 / DIN EN 10216-5 Machined components: Prematerial according to ASTM A 479 / EN 10088-3 / DIN 17440 According to ASTM A 269 / A 632 (only tubes Ra ≤ 0,80 µm) or DIN EN ISO 1127 / D4/T3 Tubes and fittings are prepared for orbital welding
Surface options Tubes Fittings	Inne surface: a) Ra ≤ 0.80 µm (32 µin) b) Ra ≤ 1.00 µm (40 µin) c) Ra not defined Outer surface: Inner and outer surface roughness of the cold worked area is not defined Specified roughness of total surface available on request
Inner surface treatment Tubes Fittings	TCC: Cleaning and test procedure ASTM A 632, S3 TCC 1: Anodic cleaning procedure Spec. HE 150 2VNS TCC: Cleaning and test procedure ASTM A 632, S3 TCC 1: Anodic cleaning procedure Spec. HE 111 2VNS
Hardness	Max.180 HV 5/90 HRB
Test procedures	<ul style="list-style-type: none"> • Verification of basic test certificate • Verification of dimensions • Visual inspection • Roughness measurements • Endoscopic inspection of welded bright finished tubes
Marking Tubes Fittings	Permanently marked Needle marking
Information	<ul style="list-style-type: none"> • Heat number • DOCKWEILER • DW number • Material • Dimensions
Documentation	Inspection certificate (3.1) according to DIN EN 10204 for the prematerial
Packing and delivery	Bright finished tubes and fittings closed with PE caps, anodically cleaned tubes and fittings with PE/PA squares and PE caps, bagged in polythene PE and marked with green sticker „TCC“ or „TCC1“ – double bagged in polythene PE available). Delivery of tubes in tubular container or wooden crate, fittings in strong cardboard box with shock-absorbing filler.*

* For dimensions OD < 5.00 mm roughness is not defined.