



① fitted to outside diameter item 2 at the choice of manufacturer

Integral leak rate < 1x10⁻¹⁰ mbar l/s

Outgassing rate < 5x10⁻¹⁰ mbar l/s cm²

pay attention to F-TG-QUA-de-Schweisstechnik-V007

UHV-suitable cleaning, an example can be found in the guideline F-TG-V6.1e and F-TG-V-6.3e

Details, also to the alternative materials can be found in F-DS-HEB-en-VC_0096_Detailed_Specification_Straight_Tubes

Welding classification DIN EN ISO 5817	Quality level
Vacuum weldings	-B-

Edges ISO 13715

+0.3

-0.3

-0.1

√R25

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GS <small>Helmholtzzentrum für Schwerionenforschung GmbH Planckstrasse 1, 64291 Darmstadt</small>		Dimensions without tolerance indication <small>DIN ISO 2768-1-1 DIN ISO 2768-2-1:1991 DIN EN ISO 1302:2002</small>	Weight 6,1 kg Scale 1:1
Drawn 04.07.2025 EHEGER Checked 07.08.2025 ZURKAN Approved 22.09.2025 TEBERL	Date Name Description	Material Description	Size A1 Sheet 1 of 1
Drawing No. VC-1373326-A-V58		Rev. -	Sheet 1 of 1