

Legende

- A Außendurchmesser
- B Innendurchmesser
- C Gesamtlänge
- C1 zylindrische Länge
- R Radius

Abmessungen

- DIN 11866-A (DIN 11850)
- DIN 11866-B (EN ISO 1127)
- DIN 11866-C (ASME BPE)

Normative Verweisungen,

Anforderungen / Abnahmen (Vormaterial)

- DIN 11865
- DIN 11866
- BN2
- EN 10204
- EN 10088-1
- ASTM A269 / A270
- ASME BPE
- ASME SA249/SA249M
- AD 2000-W2

Kennzeichnung

Hersteller, Werkstoff, Abmessung, Schmelze, DIN 11865

Toleranzen (Bezugsnorm)

DIN 11865 / EN ISO 1127

Verpackung









Schweißenden mit Kunststoffkappen verschlossen, einzeln verpackt.

Werkstoffe

1.4435

weitere Werkstoffe auf Anfrage

Oberflächenbeschaffenheit

		MB H2 Ra > 0.8 µm	K400 H3o Ra < 0.8 µm	e-pol. HE3o Ra < 0.5-0.8 µm
innen metallblank				
innen geschliffen				
innen e-polieret				
außen metallblank				
außen geschliffen				

Key

- external diameter
- internal diameter
- total length
- cylindrical length
- radius

Dimensions

- DIN 11866-A (DIN 11850)
- DIN 11866-B (EN ISO 1127)
- DIN 11866-C (ASME BPE)

Normative References,

Requirements / Approvals (raw material)

- DIN 11865
- DIN 11866
- BN2
- EN 10204
- EN 10088-1
- ASTM A269 / A270
- ASME BPE
- ASME SA249/SA249M
- AD 2000-W2

Marking

manufacturer, material, dimension, heat, DIN 11865

Tolerances (reference standard)

DIN 11865 / EN ISO 1127

Packaging







Welding ends covered with plastic caps, wrapped separately.

Materials

316L

further materials on request

Surface condition

		K400 H4o Ra < 0.4 µm	e-pol. HE5o Ra < 0.25 µm
inside bright finish			
inside mech. polished			
inside e-polished			
outside bright finish			
outside mech. polished			

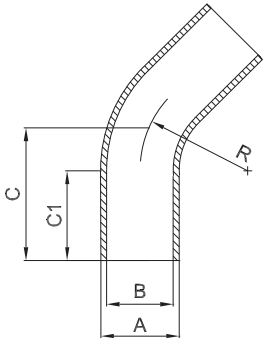


Oberflächenqualitäten | surface qualities

Innenoberfläche internal surface finish	(Zusatz-) Artikel-Nr. (additional) order No
Ra < 0.6 µm (STERI-line®)	999279
Ra < 0.5 µm (STERI-line®)	999280
Ra < 0.4 µm (HQ-line®)	999281
Ra < 0.25 µm (HQ-line®)	999283

Bestellbeispiel | ordering example

Artikelbezeichnung + Ausführungen article description + variants	Artikel-Nr. order No
HQ-Bo® 45° DN025 ISO (1.4435) DIN 11865-BL elbow 45°	706929
e-polieret e-polished	
Ra < 0.4 µm	+ 999281



weitere Abmessungen auf Anfrage | further dimensions on request

DIN	Abmessung dimension	A	B	C	C1	R	STERI-line®			HQ-line®	
							MB	K400	e-pol.	K400	e-pol.
DN004*	6.0 x 1.0	6.0	4.0	33.3	25.0	22.0	704362	711513	704364	709511	709512
DN006	8.0 x 1.0	8.0	6.0	33.3	25.0	20.0*	700477	711514	702152	709513	709514
DN008	10.0 x 1.0	10.0	8.0	35.4	25.0	25.0	702143	711515	701153	709515	709516
DN010*	12.0 x 1.0	12.0	10.0	35.8	25.0	26.0	700461	711516	701121	706898	706899
DN010	13.0 x 1.5	13.0	10.0	35.8	25.0	26.0	704368	711517	704370	706900	706901
DN015	19.0 x 1.5	19.0	16.0	39.5	25.0	35.0	700465	711518	701129	706902	706903
DN020	23.0 x 1.5	23.0	20.0	41.6	25.0	40.0	700467	711519	701133	706904	706905
DN025	29.0 x 1.5	29.0	26.0	60.7	40.0	50.0	700469	711520	701137	706906	706907
DN032	35.0 x 1.5	35.0	32.0	62.8	40.0	55.0	700471	711521	701141	706908	706909
DN040	41.0 x 1.5	41.0	38.0	64.9	40.0	60.0	700473	711522	701145	706910	706911
DN050	53.0 x 1.5	53.0	50.0	69.0	40.0	70.0	700475	711523	701149	706912	706913
DN065	70.0 x 2.0	70.0	66.0	73.1	40.0	80.0	700478	711524	701155	706914	706915
DN080	85.0 x 2.0	85.0	81.0	92.3	55.0	90.0	700481	711525	701161	706916	706917
DN100	104.0 x 2.0	104.0	100.0	96.4	55.0	100.0	700463	711526	701125	706918	706919
DN125	129.0 x 2.0	129.0	125.0	160.2	82.5	187.5	709363	711527	709365	**	**
DN150	154.0 x 2.0	154.0	150.0	193.2	100.0	225.0	710853	711528	710855	**	**
DN200	204.0 x 2.0	204.0	200.0	224.3	100.0	300.0	**	**	**	**	**

ISO	Abmessung dimension	A	B	C	C1	R	STERI-line®			HQ-line®	
							MB	K400	e-pol.	K400	e-pol.
DN008	13.5 x 1.6	13.5	10.3	33.3	25.0	20.0	700480	711612	701159	706920	706921
DN010	17.2 x 1.6	17.2	14.0	36.6	25.0	28.0	700462	711613	701123	706922	706923
DN015	21.3 x 1.6	21.3	18.1	37.4	25.0	30.0	700466	711614	701131	706924	706925
DN020	26.9 x 1.6	26.9	23.7	51.8	40.0	28.5	700468	711615	701135	706926	706927
DN025	33.7 x 2.0	33.7	29.7	55.7	40.0	38.0	700470	711616	701139	706928	706929
DN032	42.4 x 2.0	42.4	38.4	59.7	40.0	47.5	700472	711617	701143	706930	706931
DN040	48.3 x 2.0	48.3	44.3	63.6	40.0	57.0	700474	711618	701147	706932	706933
DN050	60.3 x 2.0	60.3	56.3	71.5	40.0	76.0	700476	711619	701151	706934	706935
DN065	76.1 x 2.0	76.1	72.1	94.4	55.0	95.0	700479	711620	701157	706936	706937
DN080	88.9 x 2.3	88.9	84.3	102.4	55.0	114.5	700482	711621	701163	706938	706939
DN100	114.3 x 2.3	114.3	109.7	118.2	55.0	152.5	702161	711622	701127	706940	706941
DN125	139.7 x 2.6	139.7	134.5	133.9	55.0	190.5	707749	711623	707751	**	**
DN150	168.3 x 2.6	168.3	163.1	149.7	55.0	228.5	707752	711624	707754	**	**
DN200	219.1 x 2.6	219.1	213.9	206.3	80.0	305.0	**	**	**	**	**

ASME BPE	Abmessung dimension	A	B	C	C1	R	STERI-line®			HQ-line®	
							MB	K400	e-pol.	K400	e-pol.
DN ¼"	6.35 x 0.89	6.35	4.57	50.8	40.3	25.4	710856	711657	710861	710864	710867
DN ⅜"	9.53 x 0.89	9.53	7.75	50.8	40.3	25.4	710857	711658	710862	710865	710868
DN ½"	12.7 x 1.65	12.7	9.4	57.2	46.7	25.4	703221	711659	703223	706942	706943
DN ¾"	19.05 x 1.65	19.05	15.75	57.2	46.7	25.4	703233	711660	703235	706944	706945
DN 1"	25.4 x 1.65	25.4	22.1	57.2	41.4	38.1	703215	711661	703217	706946	706947
DN 1½"	38.1 x 1.65	38.1	34.8	63.5	39.8	57.2	703218	711662	703220	706948	706949
DN 2"	50.8 x 1.65	50.8	47.5	76.2	44.6	76.2	703224	711663	703226	706950	706951
DN 2½"	63.5 x 1.65	63.5	60.2	85.7	47.0	95.3	703227	711664	703229	706952	706953
DN 3"	76.2 x 1.65	76.2	72.9	92.1	44.8	114.3	703230	711665	703232	706954	706955
DN 4"	101.6 x 2.11	101.6	97.38	114.3	51.2	152.4	705011	711666	705016	706956	706957
DN 6"	152.4 x 2.77	152.4	146.86	158.8	64.1	228.6	710858	711667	710863	710866	710869

*) nicht in der DIN-Norm enthalten | non-standard

***) auf Anfrage | on request