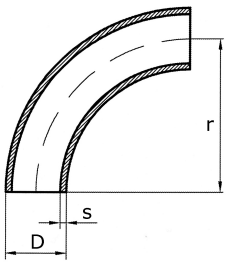
seamless bend 90° type 5D
(r=2,5xD) EN 10253-4/A

short name: NBB5*



technical product sheet

D	s	r	Tol	kg	Art.-Nr.
20,0	1,5	50,0	+/- 2,5	0,053	NBB5-020X15-N
21,3	2,0	45,0	+/- 2,5	0,070	NBB5-021X20-2
21,3	2,0	45,0	+/- 2,5	0,060	NBB5-021X20-4
21,3	2,6	45,0	+/- 2,5	0,082	NBB5-021X26-4
21,3	2,6	45,0	+/- 2,5	0,082	NBB5-021X26-N
21,3	3,2	45,0	+/- 2,5	0,000	NBB5-021X32-2
25,0	1,5	55,0	+/- 2,5	0,070	NBB5-025X15-N
25,0	2,5	55,0	+/- 2,5	0,018	NBB5-025X25-4
26,9	2,6	58,0	+/- 2,5	0,146	NBB5-026X26-4
26,9	2,6	58,0	+/- 2,5	0,146	NBB5-026X26-N
26,9	2,9	58,0	+/- 2,5	0,150	NBB5-026X29-4
33,7	2,6	72,0	+/- 2,5	0,229	NBB5-033X26-2
33,7	2,6	72,0	+/- 2,5	0,230	NBB5-033X26-4
33,7	3,2	72,0	+/- 2,5	0,280	NBB5-033X32-4
33,7	3,2	72,0	+/- 2,5	0,222	NBB5-033X32-N
33,7	3,6	72,0	+/- 2,5	0,315	NBB5-033X36-4
35,0	2,0	75,0	+/- 2,5	0,301	NBB5-035X20-4
35,0	2,0	75,0	+/- 2,5	0,186	NBB5-035X20-N
38,0	2,0	85,0	+/- 2,5	0,227	NBB5-038X20-4
38,0	2,0	85,0	+/- 2,5	0,227	NBB5-038X20-N
38,0	2,6	85,0	+/- 2,5	0,300	NBB5-038X26-4
42,4	2,0	93,0	+/- 2,5	0,371	NBB5-042X20-4
42,4	2,6	93,0	+/- 2,5	0,394	NBB5-042X26-2
42,4	2,6	93,0	+/- 2,5	0,396	NBB5-042X26-4
42,4	3,2	93,0	+/- 2,5	0,480	NBB5-042X32-4
42,4	3,2	93,0	+/- 2,5	0,480	NBB5-042X32-N
42,4	3,6	93,0	+/- 2,5	0,500	NBB5-042X36-4
42,4	4,0	93,0	+/- 2,5	0,600	NBB5-042X40-4
42,4	5,0	93,0	+/- 2,5	0,666	NBB5-042X50-4
48,3	2,0	108,0	+/- 3,0	0,491	NBB5-048X20-U
48,3	2,6	108,0	+/- 3,0	0,573	NBB5-048X26-2
48,3	2,6	108,0	+/- 3,0	0,500	NBB5-048X26-4
48,3	3,2	108,0	+/- 3,0	0,666	NBB5-048X32-N
48,3	3,6	108,0	+/- 3,0	0,680	NBB5-048X36-4
57,0	2,9	127,5	+/- 3,0	0,930	NBB5-057X29-4
60,3	3,0	135,0	+/- 3,0	0,900	NBB5-060X30-4

D	s	r	Tol	kg	Art.-Nr.
60,3	3,6	135,0	+/- 3,0	1,070	NBB5-060X36-4
60,3	3,6	135,0	+/- 3,0	1,090	NBB5-060X36-N
60,3	4,0	135,0	+/- 3,0	1,200	NBB5-060X40-4
60,3	4,0	135,0	+/- 3,0	1,252	NBB5-060X40-N
60,3	4,5	135,0	+/- 3,0	0,670	NBB5-060X45-2
60,3	4,5	135,0	+/- 3,0	0,670	NBB5-060X45-4
60,3	5,6	135,0	+/- 3,0	1,600	NBB5-060X56-4
76,1	2,6	175,0	+/- 3,0	0,000	NBB5-076X26-2
76,1	2,9	175,0	+/- 3,0	1,700	NBB5-076X29-2
76,1	2,9	175,0	+/- 3,0	2,200	NBB5-076X29-4
76,1	3,6	175,0	+/- 3,0	0,000	NBB5-076X36-2
76,1	3,6	175,0	+/- 3,0	1,810	NBB5-076X36-4
76,1	5,0	176,0	+/- 3,0	2,571	NBB5-076X50-4
88,9	2,0	205,0	+/- 3,0	1,250	NBB5-088X20-4
88,9	2,9	205,0	+/- 3,0	2,100	NBB5-088X29-4
88,9	3,2	205,0	+/- 3,0	2,940	NBB5-088X32-2
88,9	3,2	205,0	+/- 3,0	2,342	NBB5-088X32-4
88,9	5,6	205,0	+/- 3,0	4,204	NBB5-088X56-4
114,3	3,6	270,0	+/- 5,0	4,420	NBB5-114X36-2
114,3	3,6	270,0	+/- 5,0	4,760	NBB5-114X36-4
114,3	6,3	270,0	+/- 5,0	0,000	NBB5-114X63-4

available material: 1.4539, 1.4541, 1.4571

Butt welding fittings › bends › seamless › type 5D

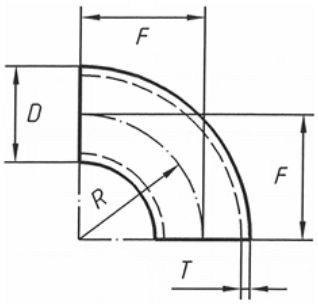
Seamless bend 90°

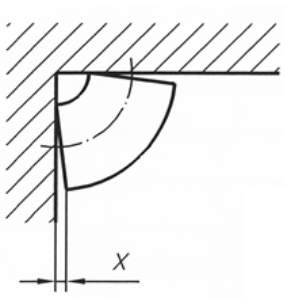
- DIN EN 10253 Part 4 (with specal test requirements)
- Type A (reduced utilisation factor)
- Type 5D ("long" bending radius; radius = approx. 2,5x inner pipe diameter)
- Material 1.4541 / 1.4571 and 1. 4462 / 1.4539 / 1.4841
- with inspection certificate 3.1
- AD2000-data sheet W2/W10; HP 7/3, HP 8/3; VDTÜV data sheet 1252

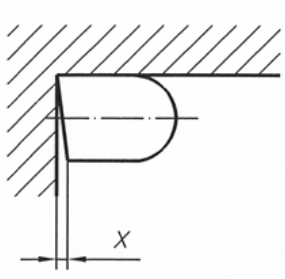
Tolerances

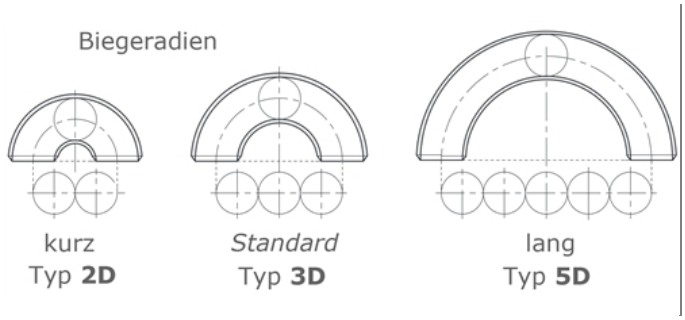
Description	Limit deviations
[D] diameter	-12,5% / +15%
[R] radius	≤ D 219,1 mm ± 2,0 mm / ≤ D 762 mm ± 5,0 mm
[T] wall thickness	-12,5% / +15%
[X] squareness, axiality	1% of the oØ or 1 mm*

* the relevant higher value applies








Biegeradien
kurz
Typ 2D
Standard
Typ 3D
lang
Typ 5D