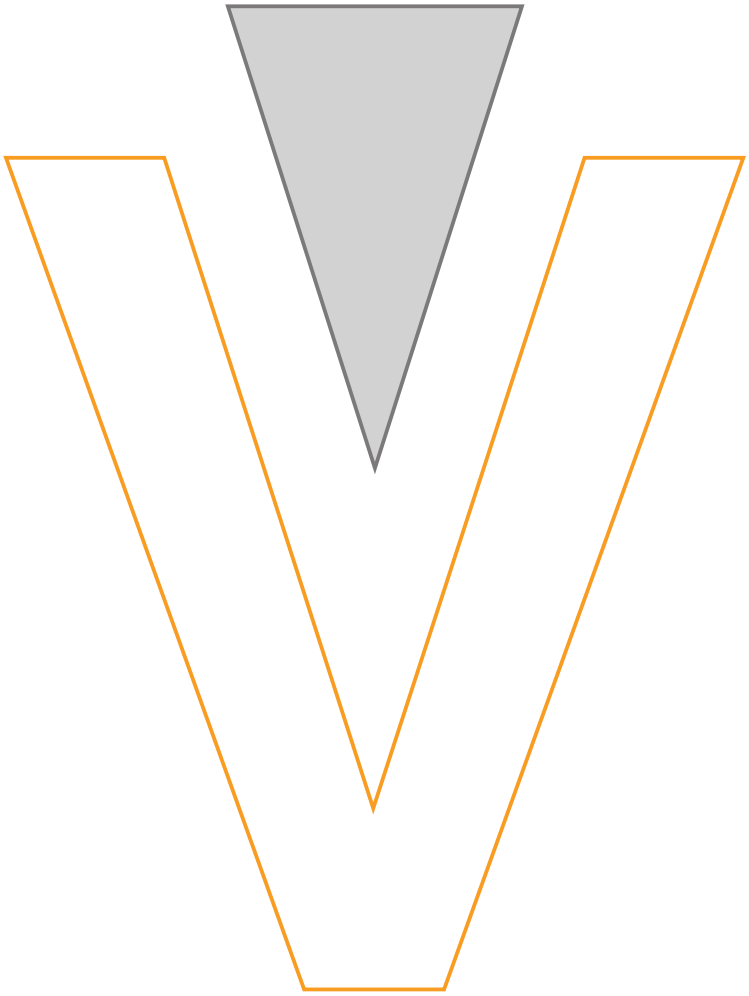
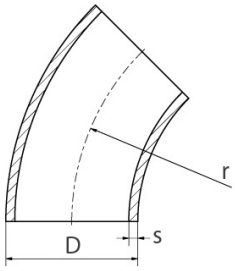
Product Sheet



Bend 45° type 5D

(r=2,5xD) welded DIN EN 10253

made of stainless steel



D	s	r	Typ	kg	Art.-Nr.
21,3	2,0	43	Einnahtausführung	0,030	5B45-021X20-4
26,9	2,0	58	Einnahtausführung	0,060	5B45-026X20-4
33,7	2,0	73	Einnahtausführung	0,080	5B45-033X20-4
33,7	2,0	73	Einnahtausführung	0,080	5B45-033X20-J
42,4	2,0	93	Einnahtausführung	0,140	5B45-042X20-4
48,3	2,0	108	Einnahtausführung	0,200	5B45-048X20-4
60,3	2,0	135	Einnahtausführung	0,270	5B45-060X20-4
60,3	2,0	135	Einnahtausführung	0,270	5B45-060X20-J
76,1	2,0	175	Einnahtausführung	0,500	5B45-076X20-4
76,1	2,0	175	Einnahtausführung	0,500	5B45-076X20-J
88,9	2,0	205	Einnahtausführung	0,700	5B45-088X20-4
88,9	2,0	205	Einnahtausführung	0,700	5B45-088X20-J
114,3	2,0	270	Einnahtausführung	1,200	5B45-114X20-J
114,3	2,6	270	Einnahtausführung	1,430	5B45-114X26-4
139,7	3,0	330	aus 2 Schalen	2,620	5B45-139X30-4
168,3	3,0	390	aus 2 Schalen	3,800	5B45-168X30-4
219,1	3,0	510	aus 2 Schalen	6,100	5B45-219X30-4
219,1	3,0	510	aus 2 Schalen	6,300	5B45-219X30-J
273,0	3,0	650	aus 2 Schalen	11,100	5B45-273X30-J

available material: ask

Bends › Type 5D, r=2,5XD › 5D 45°

Welded bends 45°

- single weld design acc. DIN EN 10253 Part 4 (with special testing requirments)
- welded from two half shells design acc. DIN EN 10253 Part 3
- Design A (reduced utilization factor)
- Type 5D (bend radius = ca. 2,5x clear pipe diameter)
- materials 1.4307/ AISI 304L - 1.4571
- with certificate 3.1
- optional: AD2000-Information sheet W2/W10; HP 7/3, HP 8/3; VDTÜV Information sheet 1252

Welded form two half sheels design

- DIN EN 10253 Part 3 (without special testing requirements)
- Design A (reduced utilization factor)
- matte pickled
- without heat treatment, without pressure test
- smooth square-cut ends acc. EN 29 692 1.2

Dimensional range

DN	Outer-Ø (mm)	Wall thickness (mm)
125	139,7	2,0 - 6,0
150	168,3	2,0 - 6,0
200	216 und 219,1	2,0 - 8,0
250	267 und 273,0	2,0 - 8,0
300	318 und 323,9	2,0 - 10,0
350	368 und 355,6	2,0 - 10,0
400	406,4 und 419	2,5 - 10,0
450	457,2	2,5 - 10,0
500	508,0	3,0 - 10,0
600	609,6	4,0 - 10,0
700	711,2	5,0 - 10,0

Tolerances

Description	Tolerance limits
[D] Diameter	± 1,0 % or 0,5 mm** (EN tolerance class D2)
[R] Radius	≤ D 219,1 mm ± 3,0 mm / ≤ D 762 mm ± 5,0 mm
[H] Center distance	≤ 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 outer-Ø or 1 mm**

* ≤ D 610 mm

** the higher value applies