

As a TÜV-approved manufacturer, we have been producing stainless steel elbows in accordance with DIN EN 10253-4/A+B in 2D - 3D and 5D designs at our production facility in Illingen since 2015. Thanks to continuous further development of our machinery, we are currently able to produce high-quality

90° elbows from 20.0 x 2.0 mm to 219.1 x 12.5 mm using the cold forming process. All processes, from laser cutting of the blanks to end machining, take place in our production facility. This enables us to meet the shortest possible delivery times.



### Guaranteed quality

We have a quality management system in accordance with ISO 9001:2015, which was issued by TÜV SÜD Management Service GmbH and is audited annually. Furthermore, as a material manufacturer for elbows, we have a certified quality management system in accordance with Annex I, paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU, AD 2000-Merkblatt W 0 and EN 764-5, paragraph 4.2, which was issued to us by TÜV SÜD Industrie Service GmbH and is also reviewed annually.



### Best prices

As a German manufacturer, it is not always possible for us to be the cheapest supplier. However, we promise to offer you the best possible price, taking into account the product quality, the premium materials used, the best possible availability and sustainable local production.



### Expertise

Thanks to our many years of experience as an elbow manufacturer and direct dialogue with the certifying bodies, we have extensive expertise in the manufacture of stainless steel elbows. We can therefore provide you with expert advice on product-specific questions.



### Comprehensive service

We can not only produce standard elbows! If required, we can also offer you the finest surface finishes with measuring protocols. In addition, the manufacture of elbows and type B elbows is also part of our daily business.



# Delivery programme

Welcome to the manufacturer of stainless steel elbows with a unique variety of products „made in Germany“.

## EFS Edelstahl GmbH

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Certified according to ISO 9001:2015  
TÜV SÜD Management Service GmbH  
Certificate-Registration-No. 12 100 49922/02 TMS



Certified in accordance with Pressure Equipment Directive 2014/68/EU, Annex I, paragraph 4.3 AD 2000-Merkblatt W 0 and EN 764-5, paragraph 4.2  
TÜV SÜD certificate body for pressure equipment notified body, identification number 0036 Certificate no. DRG-0036-QS-W 1059/2022/ MUC-01

# Overview of our delivery programme

AD	WD	Typ 2D Radius	Typ 3D Radius	Typ 5D Radius
20,0	2,0			
	2,5	16	25	42,5
	3,0			
21,3	2,0			
	2,6	17,5		
	3,2		28	42,5
	4,0			
5,0				
23,0	2,0		25	42,5
25,0	2,0			
	2,5	21		
	3,0		27,5	52,5
	4,0			
5,0				
26,9	2,0			
	2,3			
	2,6	25		
	3,2		29	57,5
	4,0			
5,6				
28,0	2,0		32,5	60
30,0	2,0			
	2,5	25		
	3,0		33,5	62,5
	4,0			
5,0				
31,8	2,0			
	2,6			
	3,0		35	
4,5				
33,7	2,0			
	2,6			
	3,2			
	3,6	25	38	72,5
	4,0			
5,0				
6,3				
35,0	2,0			
	2,5	30		
	3,0		45	75
	4,0			
5,0				
38,0	2,0			
	2,5	32,5		
	3,0		45	82,5
	4,0			
	5,0			

## Elbow 90° DIN EN 10253-4/A

AD	WD	Typ 2D Radius	Typ 3D Radius	Typ 5D Radius
40,0	1,5			
	2,0		45	95
	3,0			
42,4	2,0			
	2,6			
	3,2			
	3,6	32	48	92,5
	4,0			
	5,0			
	6,3			
8,0				
44,5	1,5			
	2,0			
	2,6			
	3,0	40	51	97,5
	4,0			
5,0				
48,3	2,0			
	2,6			
	3,2			
	3,6	38	57	107,5
	4,0			
	5,0			
	6,3			
8,0				
50,0	1,5			
	2,0			
	3,0		71	
	4,0			
	5,0			
51,0	1,5			
	2,0			
	2,6			
	3,0	45	63,5	115
	4,0			
5,6				
54,0	2,0	50	72,5	122,5
57,0	2,0			
	3,0	52,5	72	127,5
	4,0			
	5,6			
60,3	1,5			
	2,0			
	2,6			
	2,9			
	3,2	51	76	135
	3,6			
	4,0			
	4,5			

## Made in Germany

AD	WD	Typ 2D Radius	Typ 3D Radius	Typ 5D Radius
60,3	5,0			
	5,6	51		135
	6,3		76	
	7,1			
8,8	51		135	
63,5	1,5			
	2,0			
	3,0	57,5	82,5	142,5
	4,0			
	5,6			
70,0	1,5			
	2,0			
	3,0	60	92	
	4,0			
	5,0			
76,1	1,5			
	2,0			
	2,3			
	2,6			
	2,9			
	3,2			
	3,6	63,0	95,0	175
	4,0			
	5,0			
	6,3			
7,1				
8,0				
10,0				
82,5	3,2		107,5	
4,0				
84,0	2,0	80		
88,9	1,5			
	2,0			
	2,3			
	2,6			
	3,2			
	3,6			
	4,0	76,0	114,0	205,0
	4,5			
	5,0			
	5,6			
6,3				
8,0				
11,0				
101,6	2,0			
	3,0	95,0	133,5	237,5
	4,0			
	4,5			

AD	WD	Typ 2D Radius	Typ 3D Radius	Typ 5D Radius
101,6	6,3			
	8,8	95,0	133,5	237,5
104,0	2,0	100,0		
108,0	2,0			
	3,0			
	4,0			
	4,5	100,0	142,5	252,5
	6,3			
8,8				
114,3	2,0			
	2,6			
	3,0			
	3,6			
	4,0			
	4,5	102,0	152,0	270,0
	5,0			
	6,3			
8,8				
11,0				
133,0	3,0			
	4,0			
	5,0	125,0	181,0	
	6,3			
139,7	3,0			
	4,0			
	5,0	127,0	190,0	
	6,3			
	10,0			
159,0	3,0			
	4,0			
	5,0	150,0	216,0	
7,1				
168,3	3,0			
	4,0			
	5,0	152,0	229,0	
	7,1			
	11,0			
219,1	3,0			
	3,6			
	4,0			
	5,0	203,0	305,0	
	6,3			
	8,2			
	12,5			

The above dimensions reflect our tool list - manufacturing options from our own production.

Minimum quantity, design (seamless - welded), material, acceptance (APZ 3.1, APZ 3.2, AD2000-W2/W10, VdTÜV 1252, etc.), surface (raw - unpainted, vibratory ground, ground grain 180 - 600, highly polished) must be clarified at the time of enquiry.