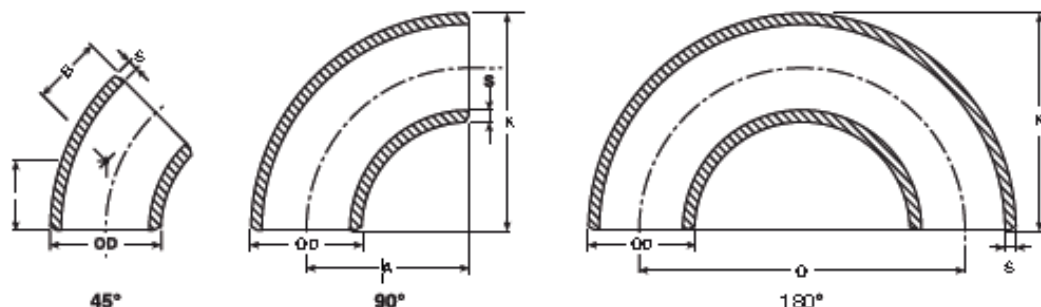




INNIEUWSTEIN

Trade & Metal Services v.o.f.

Kreeft 4
4401 NZ Yerseke (Nederland)
Postbus 16
4400 AA Yerseke (Nederland)
Tel.: +31 (0)113-57 38 78
Fax: +31 (0)113-57 39 78
Internet: www.metalservices.nl
E-mail: info@metalservices.nl



A	B	O	K	Ø-dia.	OD	S=SCHEDULE				
						SCH. STD	SCH. XS	SCH. 10	SCH. 20	SCH. 30
38,1	15,9	76,2	47,6	1/2"	21,3	2,77	3,73	—	—	—
38,1	19,1	76,2	50,9	3/4"	26,7	2,87	3,91	—	—	—
28,6	11,1	57,2	42,9	3/4"	26,7	2,87	3,91	—	—	—
38,1	22,2	76,2	55,6	1"	33,4	3,38	4,55	—	—	—
47,6	25,4	95,2	69,8	1 1/4"	42,2	3,56	4,85	—	—	—
57,2	28,6	114,3	82,5	1 1/2"	48,3	3,68	5,08	—	—	—
76,2	34,9	152,4	106,4	2"	60,3	3,91	5,54	—	—	—
95,2	44,4	190,5	131,8	2 1/2"	73,0	5,16	7,01	—	—	—
114,3	50,8	228,6	158,8	3"	88,9	5,49	7,62	—	—	—
133,4	57,2	266,7	184,2	3 1/2"	101,6	5,74	8,08	—	—	—
152,4	63,5	304,8	209,6	4"	114,3	6,02	8,56	—	—	—
190,5	79,4	381,0	261,9	5"	141,3	6,55	9,52	—	—	—
228,6	95,2	457,2	312,7	6"	168,3	7,11	10,97	—	—	—
304,8	127,0	609,6	414,3	8"	219,1	8,18	12,70	—	6,35	7,04
381,0	158,8	762,0	517,5	10"	273,0	9,27	12,70	—	6,35	7,80
457,2	190,5	914,4	619,1	12"	323,8	9,52	12,70	—	6,35	8,38
533,4	222,2	1066,8	711,2	14"	355,6	9,52	12,70	6,35	7,92	9,52
609,6	254,0	1219,2	812,8	16"	406,4	9,52	12,70	6,35	7,92	9,52
685,8	285,8	1371,6	914,4	18"	457,2	9,52	12,70	6,35	7,92	11,12
762,0	317,5	1524,0	1016,0	20"	508,0	9,52	12,70	6,35	9,52	12,70
838,2	342,9	1676,4	1117,6	22"	558,8	9,52	12,70	6,35	9,52	12,70
914,4	381,0	1828,8	1219,2	24"	609,6	9,52	12,70	6,35	9,52	14,25
990,6	—	—	1320,8	26"	660,4	9,52	12,70	7,92	12,70	—
1066,8	—	—	1422,4	28"	711,2	9,52	12,70	7,92	12,70	15,88
1143,0	—	—	1524,0	30"	762,0	9,52	12,70	7,92	12,70	15,88
1219,2	—	—	1625,6	32"	812,8	9,52	12,70	7,92	12,70	15,88
1295,4	—	—	1727,2	34"	863,6	9,52	12,70	7,92	12,70	15,88
1371,6	—	—	1828,8	36"	914,4	9,52	12,70	7,92	12,70	15,88
1524	—	—	2032	40"	1016,0	9,52	12,70	—	—	—
1600	—	—	2134	42"	1066,8	9,52	12,70	—	—	—
1753	—	—	2336	46"	1168,4	9,52	12,70	—	—	—
1829	—	—	2438	48"	1219,2	9,52	12,70	—	—	—

NOTE

- CURVE CON SPESORE DI DIMENSIONI PARTICOLARI A RICHIESTA
- * A RICHIESTA

Remarks

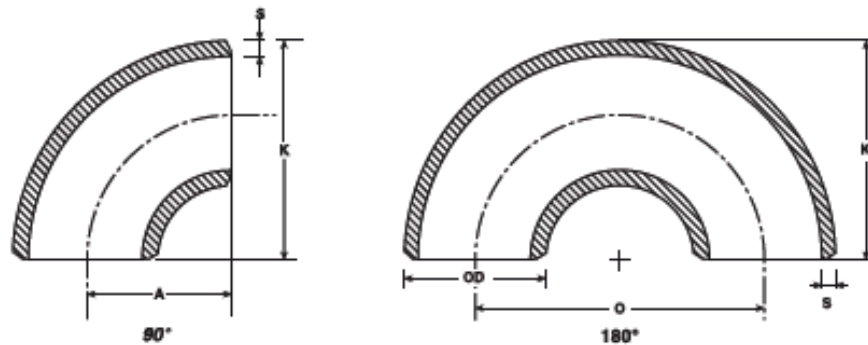
- Elbows with special thickness and size: on application
- * : on application



INNIEUWSTEIN

Trade & Metal Services v.o.f.

Kreeft 4
4401 NZ Yerseke (Nederland)
Postbus 16
4400 AA Yerseke (Nederland)
Tel.: +31 (0)113-57 38 78
Fax: +31 (0)113-57 39 78
Internet: www.metalservices.nl
E-mail: info@metalservices.nl



A	O	K	Ø-dia.	OD	S = SCHEDULE				
					SCH. STD	SCH. XS	SCH. 10	SCH. 20	SCH. 30
25,4	50,8	41,3	1"	33,4	3,38	4,55	—	—	—
31,8	63,5	52,4	1 1/4"	42,2	3,56	4,85	—	—	—
38,1	76,2	61,9	1 1/2"	48,3	3,68	5,08	—	—	—
50,8	101,6	81,0	2"	60,3	3,91	5,54	—	—	—
63,5	127,0	100,0	2 1/2"	73,0	5,16	7,01	—	—	—
76,2	152,4	120,6	3"	88,9	5,49	7,62	—	—	—
88,9	177,8	139,7	3 1/2"	101,6	5,74	8,08	—	—	—
101,6	203,2	158,8	4"	114,3	6,02	8,56	—	—	—
127,0	254,0	196,8	5"	141,3	6,55	9,52	—	—	—
152,4	304,8	235,5	6"	168,3	7,11	10,97	—	—	—
203,2	406,4	312,7	8"	219,1	8,18	12,70	—	6,35	7,04
254,0	508,0	390,5	10"	273,0	9,27	12,70	—	6,35	7,80
304,8	609,6	466,7	12"	323,8	9,52	12,70	—	6,35	8,38
365,6	711,2	533,4	14"	365,6	9,52	12,70	6,35	7,92	9,52
406,4	812,8	609,6	16"	406,4	9,52	12,70	6,35	7,92	9,52
457,2	914,4	685,8	18"	457,2	9,52	12,70	6,35	7,92	11,12
508,0	1016,0	762,0	20"	508,0	9,52	12,70	6,35	9,52	12,70
558,8	1117,6	838,2	22"	558,8	9,52	12,70	6,35	9,52	12,70
609,6	1219,0	914,0	24"	609,6	9,52	12,70	6,35	9,52	14,25
660,4	—	990,6	26"	660,4	9,52	12,70	7,92	12,70	—
711,2	—	1066,8	28"	711,2	9,52	12,70	7,92	12,70	15,88
762,0	—	1143,0	30"	762,0	9,52	12,70	7,92	12,70	15,88
812,8	—	1219,2	32"	812,8	9,52	12,70	7,92	12,70	15,88
863,6	—	1295,4	34"	863,6	9,52	12,70	7,92	12,70	15,88
914,4	—	1371,6	36"	914,4	9,52	12,70	7,92	12,70	15,88
1016,0	—	1524	40"	1016,0	9,52	12,70	—	—	—
1066,8	—	1600	42"	1066,8	9,52	12,70	—	—	—
1168,4	—	1753	46"	1168,4	9,52	12,70	—	—	—
1219,2	—	1829	48"	1219,2	9,52	12,70	—	—	—

NOTE

• CURVE CON SPESORIO DIMENSIONI PARTICOLARI. A RICHIESTA

Remarks

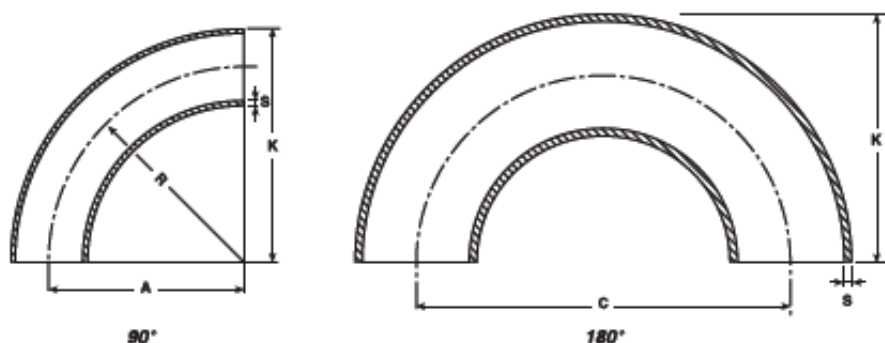
• Elbows with special thickness and size on application



METAALUNIE

Trade & Metal Services v.o.f.

Kreeft 4
4401 NZ Yerseke (Nederland)
Postbus 16
4400 AA Yerseke (Nederland)
Tel.: +31 (0)113-57 38 78
Fax: +31 (0)113-57 39 78
Internet: www.metalservices.nl
E-mail: info@metalservices.nl



Ø dia.	Senza saldatura S	Saldato S	R	A-90°	K	C-180°	TOLLERANZE Tolerances	
							90°	180°
21,3	2,0	—	27,5	27,5	38,0	55,0	± 2,5	± 5,0
26,9	2,3	—	28,5	28,5	42,0	57,0		
33,7	2,6	—	38,0	38,0	55,0	76,0		
38,0	2,6	—	45,0	45,0	64,0	90,0		
42,4	2,6	—	47,5	47,5	69,0	95,0		
44,5	2,6	—	51,0	51,0	73,5	102,0		
48,3	2,6	—	57,0	57,0	82,0	114,0	± 3,0	± 6,0
51,0	2,6	—	64,0	64,0	89,5	128,0		
57,0	2,9	—	72,0	72,0	100,5	144,0		
60,3	2,9	—	76,1	76,1	106,0	152,2		
70,0	2,9	—	92,0	92,0	127,0	184,0		
76,1	2,9	—	95,0	95,0	133,0	190,0		
82,5	3,2	—	107,5	107,5	149,0	215,0		
88,9	3,2	—	114,3	114,3	159,0	228,6		
101,6	3,6	—	133,5	133,5	184,0	267,0		
108,0	3,6	—	142,5	142,5	196,0	285,0		
114,3	3,6	—	152,5	152,5	210,0	305,0	± 4,0	± 8,0
133,0	4,0	—	181,0	181,0	247,0	362,0		
139,7	4,0	—	190,5	190,5	260,0	381,0		
159,0	4,5	—	216,0	216,0	295,0	432,0		
168,3	4,5	—	228,6	228,6	313,0	457,2		
193,7	5,4	—	270,0	270,0	367,0	540,0		
219,1	5,9	4,5	305,0	305,0	415,0	610,0	± 5,0	± 10,0
244,5	6,3	5,6	340,0	340,0	462,5	680,0		
273,0	6,3	5,6	381,0	381,0	517,0	762,0		
323,9	7,1	6,3	457,2	457,2	619,0	914,0		

NOTE

- CURVE CON SPESORE DIMENSIONI PARTICOLARI A RICHIESTA
- CURVE CON TRATTO D'IRITTO, CON SPESORE DIMENSIONI PARTICOLARI A RICHIESTA

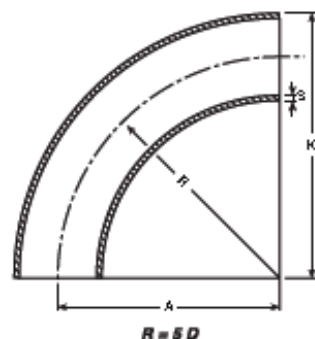
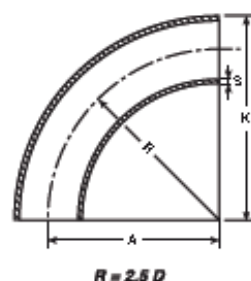
Remarks

- Elbows with special thickness and size: on application
- Elbows with straight-line, special thickness and size: on application



DIN2605-1 TYPE 5 ST35.8 - ST37.0
EN 10253-1 SD S235
EN 10253-2 TYPE A SD P235GH - P265GH

DIN2605-1 TYPE 10 ST35.8 - ST37.0



Ø dia.	S		R = 2,5 D			R = 5 D		
			A	TOLLERANZE Tolerance	K	A	TOLLERANZE Tolerance	K
21,3	2,0	—	42,5	± 2,5	53,0	—	—	—
26,9	2,0	—	57,5		71,0	95,0	± 5,0	109,0
33,7	2,3	—	72,5		89,0	127,0		144,0
42,4	2,6	—	92,5		114,0	159,0		180,0
48,3	2,6	—	107,5		132,0	190,0		214,0
60,3	2,9	—	135,0		165,0	254,0		284,0
76,1	2,9	—	175,0		213,0	317,0		355,0
88,9	3,2	—	205,0		249,0	381,0		426,0
101,6	3,6	—	237,5	± 5,0	288,0	455,0	± 10,0	496,0
108,0	3,6	—	252,5		306,0	—		—
114,3	3,6	—	254,0		327,0	508,0		566,0
133,0	4,0	—	312,5		379,0	—		—
139,7	4,0	—	330,0	± 10,0	400,0	635,0		705,0
159,0	4,5	—	375,0		454,0	—		—
168,3	4,5	—	390,0	± 10,0	474,0	762,0	± 20	846,0
193,7	5,4	—	455,0	± 12,5	552,0	889,0	± 25,0	986,0
219,1	5,9	4,5	510,0		619,0	1016,0		1126,0
273,0	6,3	5,6	650,0	± 17,5	786,0	1270,0	± 35,0	1407,0
323,9	7,1	6,3	775,0		937,0	1524,0		1686,0
355,6	8,0	6,3	850,0	± 20,0	1028,0	1778,0	± 40,0	1956,0
368,3	8,0	6,3	880,0		1064,0	1842,0		2026,0
406,4	8,8	6,3	970,0	± 25,0	1173,0	2032,0	± 50,0	2235,0
419,0	8,8	6,3	1000,0		1209,0	2095,0		2304,0
457,0	10,0	6,3	1122,5	± 40,0	1351,0	2286,0	± 80,0	2515,0
508,0	11,0	6,3	1254,0		1499,0	2540,0		2794,0
558,0	11,5	6,3	1375,0	± 50,0	1654,0	2794,0	± 100,0	3074,0
609,6	12,5	6,3	1500,0		1805,0	3050,0		3355,0

NOTE

- CURVE CON OUTRE IL Ø 809,6, A RICHIESTA
- CURVE CON SPESORIO DIMENSIONANTI PARTI COLARLA RICHIESTA

Remarks

- Elbows only @ 6026, on application
- Elbows with special thickness and size, on application