

# STRAUB-Shaped parts

Innovative and economical piping constructions with the new STRAUB shaped parts program and the proven STRAUB couplings.



## Elbow 90° | welded DIN 2605 / EN 10253

DN	adMm	PN [bar]	smallBMm	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A								
32	-	42.4	-	16	-	-	40	-	2	-	85	0.31	-	-	1.4307	1.4571
40	-	48.3	-	16	-	-	40	-	2	-	97	0.39	-	-	1.4307	1.4571
50	-	60.3	-	16	-	-	40	-	2	-	116	0.58	-	-	1.4307	1.4571
65	-	76.1	-	16	-	-	55	-	2	-	150	0.96	-	-	1.4307	1.4571
80	-	88.9	-	16	-	-	55	-	2	-	169	1.26	-	-	1.4307	1.4571
100	-	114.3	-	16	-	-	55	-	2	-	207	1.97	-	-	1.4307	1.4571
125	-	139.7	-	16	-	-	120	-	2.6	-	310	4.59	-	-	1.4301	1.4571
150	-	168.3	-	16	-	-	120	-	2.6	-	349	6.17	-	-	1.4301	1.4571
200	-	219.1	-	16	-	-	155	-	3	-	460	12.48	-	-	1.4301	1.4571

## Elbow 45° | welded DIN 2605 / EN 10253

DN	adMm	PN [bar]	smallBMm	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A								
32	-	42.4	-	16	-	-	40	-	2	-	85	0.31	-	-	1.4307	1.4571
40	-	48.3	-	16	-	-	40	-	2	-	97	0.39	-	-	1.4307	1.4571
50	-	60.3	-	16	-	-	40	-	2	-	116	0.58	-	-	1.4307	1.4571
65	-	76.1	-	16	-	-	55	-	2	-	150	0.96	-	-	1.4307	1.4571
80	-	88.9	-	16	-	-	55	-	2	-	169	1.26	-	-	1.4307	1.4571
100	-	114.3	-	16	-	-	55	-	2	-	207	1.97	-	-	1.4307	1.4571
125	-	139.7	-	16	-	-	120	-	2.6	-	310	4.59	-	-	1.4301	1.4571
150	-	168.3	-	16	-	-	120	-	2.6	-	349	6.17	-	-	1.4301	1.4571
200	-	219.1	-	16	-	-	155	-	3	-	460	12.48	-	-	1.4301	1.4571

## Equal Tee | welded DIN 2615 / EN 10253-4

# STRAUB-Shaped parts

DN	adMm	PN [bar]	h [mm]	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A								
32	-	42.4	-	16	-	-	-	100	2	-	200	0.84	-	-	1.4301	1.4571
40	-	48.3	-	16	-	-	-	105	2	-	210	1	-	-	1.4301	1.4571
50	-	60.3	-	16	-	-	-	115	2	-	230	1.35	-	-	1.4301	1.4571
65	-	76.1	-	16	-	-	-	145	2	-	290	2.08	-	-	1.4301	1.4571
80	-	88.9	-	16	-	-	-	150	2	-	300	2.57	-	-	1.4301	1.4571
100	-	114.3	-	16	-	-	-	165	2	-	330	4.71	-	-	1.4301	1.4571
125	-	139.7	-	16	-	-	-	190	2.6	-	380	6.56	-	-	1.4301	1.4571
150	-	168.3	-	16	-	-	-	210	2.6	-	420	8.54	-	-	1.4301	1.4571
200	-	219.1	-	16	-	-	-	275	3	-	550	16.28	-	-	1.4301	1.4571

## Reducing Tee | welded DIN 2615 / EN 10253-4

DN	adMm	OD 2 [mm]	PN [bar]	h [mm]	s [mm]	s 2 [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A						
40 / 32	-	48.3	42.4	16	-	-	-	105	2	2	210	1	-	-	1.4301	1.4571
50 / 25	-	60.3	33.7	16	-	-	-	115	2	2	230	1.3	-	-	1.4301	1.4571
50 / 40	-	60.3	48.3	16	-	-	-	115	2	2	230	1.35	-	-	1.4301	1.4571
65 / 50	-	76.1	60.3	16	-	-	-	145	2	2	290	2.08	-	-	1.4301	1.4571
80 / 65	-	88.9	76.1	16	-	-	-	150	2	2	300	2.57	-	-	1.4301	1.4571
80 / 50	-	88.9	60.3	16	-	-	-	150	2	2	300	2.29	-	-	1.4301	1.4571
80 / 40	-	88.9	48.3	16	-	-	-	150	2	2	300	2.17	-	-	1.4301	1.4571
100 / 80	-	114.3	88.9	16	-	-	-	165	2	2	330	4.71	-	-	1.4301	1.4571
100 / 65	-	114.3	76.1	16	-	-	-	165	2	2	330	3.94	-	-	1.4301	1.4571
100 / 50	-	114.3	60.3	16	-	-	-	165	2	2	330	3.77	-	-	1.4301	1.4571
100 / 40	-	114.3	48.3	16	-	-	-	165	2	2	330	3.64	-	-	1.4301	1.4571
125 / 100	-	139.7	114.3	16	-	-	-	190	2.6	2	380	6.56	-	-	1.4301	1.4571
125 / 80	-	139.7	88.9	16	-	-	-	190	2.6	2	380	5.44	-	-	1.4301	1.4571
125 / 65	-	139.7	76.1	16	-	-	-	190	2.6	2	380	5.28	-	-	1.4301	1.4571
150 / 125	-	168.3	139.7	16	-	-	-	210	2.6	2.6	420	8.54	-	-	1.4301	1.4571
150 / 100	-	168.3	114.3	16	-	-	-	210	2.6	2	420	7.62	-	-	1.4301	1.4571

# STRAUB-Shaped parts

DN	adMm	OD 2 [mm]	PN [bar]	h [mm]	s [mm]	s 2 [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A						
150 / 80	-	168.3	88.9	16	-	-	-	210	2.6	2	420	6.84	-	-	1.4301	1.4571
150 / 65	-	168.3	76.1	16	-	-	-	210	2.6	2	420	6.67	-	-	1.4301	1.4571
150 / 50	-	168.3	60.3	16	-	-	-	210	2.6	2	420	6.47	-	-	1.4301	1.4571
200 / 150	-	219.1	168.3	16	-	-	-	275	3	2.6	550	16.28	-	-	1.4301	1.4571
200 / 125	-	219.1	139.7	16	-	-	-	275	3	2.6	550	14.46	-	-	1.4301	1.4571
200 / 100	-	219.1	114.3	16	-	-	-	275	3	2.6	550	13.28	-	-	1.4301	1.4571

## Reducers Concentric

DN	adMm	OD 2 [mm]	PN [bar]	s [mm]	s 2 [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A							
65 / 50	-	76.1	60.3	16	-	-	-	-	2	2	225	1.08	-	-	1.4301	1.4571
65 / 40	-	76.1	48.3	16	-	-	-	-	2	2	210	1.02	-	-	1.4301	1.4571
80 / 65	-	88.9	76.1	16	-	-	-	-	2	2	245	1.33	-	-	1.4301	1.4571
80 / 50	-	88.9	60.3	16	-	-	-	-	2	2	225	1.34	-	-	1.4301	1.4571
80 / 40	-	88.9	48.3	16	-	-	-	-	2	2	210	1.29	-	-	1.4301	1.4571
100 / 80	-	114.3	88.9	16	-	-	-	-	2	2	255	2.10	-	-	1.4301	1.4571
100 / 65	-	114.3	76.1	16	-	-	-	-	2	2	255	1.87	-	-	1.4301	1.4571
100 / 50	-	114.3	60.3	16	-	-	-	-	2	2	235	1.93	-	-	1.4301	1.4571
125 / 100	-	139.7	114.3	16	-	-	-	-	2.6	2	287	3.14	-	-	1.4301	1.4571
125 / 80	-	139.7	88.9	16	-	-	-	-	2.6	2	287	2.41	-	-	1.4301	1.4571
125 / 65	-	139.7	76.1	16	-	-	-	-	2.6	2	287	2.59	-	-	1.4301	1.4571
150 / 125	-	168.3	139.7	16	-	-	-	-	2.6	2.6	315	4.09	-	-	1.4301	1.4571
150 / 100	-	168.3	114.3	16	-	-	-	-	2.6	2	300	3.89	-	-	1.4301	1.4571
150 / 80	-	168.3	88.9	16	-	-	-	-	2.6	2	300	3.53	-	-	1.4301	1.4571
150 / 65	-	168.3	76.1	16	-	-	-	-	2.6	2	300	3.45	-	-	1.4301	1.4571

# STRAUB-Shaped parts

DN	adMm	OD 2 [mm]	PN [bar]	s [mm]	s 2 [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A							
150 / 50	-	168.3	60.3	16	-	-	-	-	2.6	2	300	3.38	-	-	1.4301	1.4571
200 / 150	-	219.1	168.3	16	-	-	-	-	3	2.6	342	7.15	-	-	1.4301	1.4571
200 / 125	-	219.1	139.7	16	-	-	-	-	3	2.6	342	7.06	-	-	1.4301	1.4571
200 / 100	-	219.1	114.3	16	-	-	-	-	3	2	327	6.61	-	-	1.4301	1.4571

## Flange adapter

DN	adMm	PN [bar]	a [mm]	smallBMm	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A							
32	-	42.4	-	16	-	4 x 18	60	-	2.6	-	100	2.11	-	-	1.4541	1.4571
40	-	48.3	-	16	-	4 x 18	60	-	2.6	-	102	2.60	-	-	1.4541	1.4571
50	-	60.3	-	16	-	4 x 18	80	-	3	-	125	3.32	-	-	1.4541	1.4571
65	-	76.1	-	16	-	4 x 18	95	-	3	-	140	3.70	-	-	1.4541	1.4571
80	-	88.9	-	16	-	8 x 18	95	-	3.2	-	145	4.53	-	-	1.4541	1.4571
100	-	114.3	-	16	-	8 x 18	95	-	3.6	-	147	5.82	-	-	1.4541	1.4571
125	-	139.7	-	16	-	8 x 18	110	-	4	-	165	8.21	-	-	1.4541	1.4571
150	-	168.3	-	16	-	8 x 22	110	-	4	-	165	8.00	-	-	1.4541	1.4571
200	-	219.1	-	16	-	12 x 22	150	-	4	-	212	12.50	-	-	1.4541	1.4571
250	-	273	-	16	-	12 x 26	150	-	4	-	220	17.90	-	-	1.4541	1.4571
300	-	323.9	-	16	-	12 x 26	150	-	4	-	228	23.40	-	-	1.4541	1.4571

## Pipe and Caps |DIN / EN

DN	adMm	PN [bar]	smallBMm	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A								
15	-	21.3	-	16	-	-	14	-	2	-	50	0.06	-	-	1.4307	1.4571
20	-	26.9	-	16	-	-	21	-	2	-	50	0.09	-	-	1.4307	1.4571
25	-	33.7	-	16	-	-	23	-	2	-	50	0.13	-	-	1.4307	1.4571
32	-	42.4	-	16	-	-	26	-	2	-	60	0.19	-	-	1.4307	1.4571
40	-	48.3	-	16	-	-	30	-	2	-	60	1.48	-	-	1.4307	1.4571
50	-	60.3	-	16	-	-	38	-	2	-	80	0.45	-	-	1.4307	1.4571
65	-	76.1	-	16	-	-	43	-	2	-	90	0.53	-	-	1.4307	1.4571
80	-	88.9	-	16	-	-	45	-	2	-	90	0.71	-	-	1.4307	1.4571
100	-	108	-	16	-	-	45	-	2	-	90	0.93	-	-	1.4307	1.4571

# STRAUB-Shaped parts

DN	adMm	PN [bar]	smallBMm	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A								
100	-	114.3	-	16	-	-	45	-	2	-	90	0.99	-	-	1.4307	1.4571
125	-	139.7	-	16	-	-	48	-	2.6	-	100	1.70	-	-	1.4307	1.4571
150	-	168.3	-	16	-	-	48	-	2.6	-	100	2.15	-	-	1.4307	1.4571
200	-	219.1	-	16	-	-	62	-	3	-	140	3.75	-	-	1.4307	1.4571

## Threaded connection (external) | DIN / EN

DN	G [Zoll]	adMm	g [mm]	smallBMm	s [mm]	l [mm]	Weight [kg/pce]	Material V2A	Material V4A							
15	½ "	21.3	-	-	13	-	47	-	2.65	-	60	0.07	-	-	1.4307	1.4571
20	¾ "	26.9	-	-	15	-	45	-	3.25	-	60	0.12	-	-	1.4307	1.4571
25	1 "	33.7	-	-	17	-	43	-	3.25	-	60	0.15	-	-	1.4307	1.4571
32	1¼ "	42.4	-	-	19	-	61	-	3.25	-	80	0.21	-	-	1.4307	1.4571
40	1½ "	48.3	-	-	19	-	61	-	3.25	-	80	0.33	-	-	1.4307	1.4571
50	2 "	60.3	-	-	24	-	76	-	3.65	-	100	0.51	-	-	1.4307	1.4571
65	2½ "	76.1	-	-	27	-	93	-	3.65	-	120	0.79	-	-	1.4307	1.4571
80	3 "	88.9	-	-	30	-	95	-	4.05	-	125	1.08	-	-	1.4307	1.4571
100	4 "	114.3	-	-	36	-	94	-	4.5	-	130	1.61	-	-	1.4307	1.4571

## Stainless steel pipe

DN	adMm	PN [bar]	s [mm]	l [mm]	Weight [kg/m]	Weight [kg/6 m]	Material V2A	Material V4A								
50	-	60.3	-	16	-	-	-	-	2	-	6	2.92	17.52	1.4301	1.4571	
65	-	76.1	-	16	-	-	-	-	2	-	6	3.71	22.26	1.4301	1.4571	
80	-	88.9	-	16	-	-	-	-	2	-	6	4.35	26.1	1.4301	1.4571	
100	-	114.3	-	16	-	-	-	-	2	-	6	5.62	33.72	1.4301	1.4571	
125	-	139.7	-	16	-	-	-	-	2.6	-	6	8.93	53.58	1.4301	1.4571	
150	-	168.3	-	16	-	-	-	-	2.6	-	6	10.79	64.74	1.4301	1.4571	
200	-	219.1	-	16	-	-	-	-	3	-	6	16.23	97.38	1.4301	1.4571	