



BioControl® – Angle Housing U25



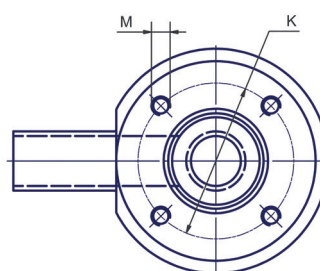
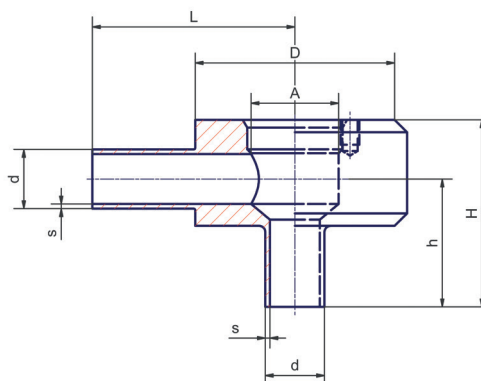
BioControl® – Angle Housing U50 – U65

Technical Data

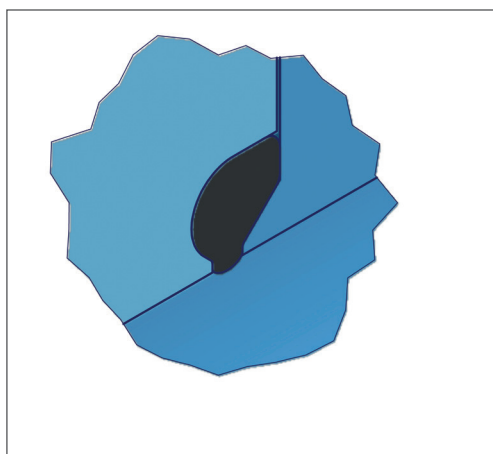
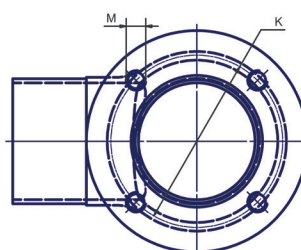
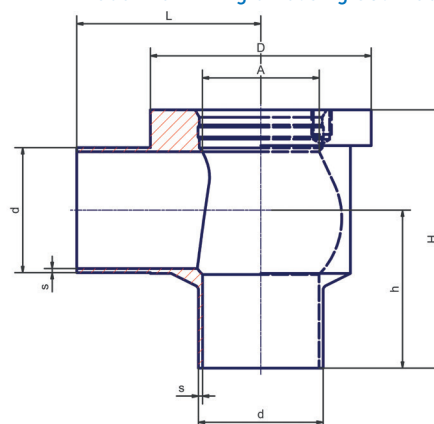
Material*	1.4435 / 316L
Surface finish (product contacted area)*	Ra < 0,8 µm electropolished
Max. permissible pressure	PN16
Max. operating temperature	-10°C / +200°C
Delta ferrite content (raw material)*	< 1%
Process connection	U25, U50 and U65
Connections*	Orbital welding ends in accordance with DIN11866 line A (DIN), line B (ISO), line C (ASME-BPE)
Approvals	TÜV-component testing

* Alternative material grades (such as 2.4602, 2.4605, 1.4539, 6Mo / UNS N08367, titanium, etc.) as well as different connections, surface qualities and delta ferrite values are available on request.

BioControl® – Angle Housing U25



BioControl® – Angle Housing U50 – U65



Elastomer-free solution also available
(BioControl® CS) - please contact us!



BioControl® – Angle Housing U25 / U50 / U65, tube dimensions in accordance with DIN11866 line A

Process Connection	DN	d	s	A	D	L	H	h	K	M
U25	4	6	1	28,1	64	65	46	33	50	M6
U25	6	8	1	28,1	64	65	48	34	50	M6
U25	8	10	1	28,1	64	65	50	35	50	M6
U25	10	13	1,5	28,1	64	65	51	35	50	M6
U25	15	19	1,5	28,1	64	65	60	41	50	M6
U25	20	23	1,5	28,1	64	65	65	44	50	M6
U50	25	29	1,5	47,6	90	75	90	60	70	M8
U50	32	35	1,5	47,6	90	75	95	62	70	M8
U50	40	41	1,5	47,6	90	75	95	59	70	M8
U50	50	53	1,5	47,6	90	75	105	63	70	M8
U50	65	70	2	47,6	90	85	130	80	70	M8
U50	80	85	2	47,6	90	90	145	87,5	70	M8
U50	100	104	2	47,6	90	100	165	98	70	M8
U65	40	41	1,5	65,6	120	90	105	69	95	M10
U65	50	53	1,5	65,6	120	90	112	70	95	M10
U65	65	70	2	65,6	120	100	130	80	95	M10
U65	80	85	2	65,6	120	100	145	87,5	95	M10
U65	100	104	2	65,6	120	100	165	98	95	M10

BioControl® – Angle Housing U25 / U50 / U65, tube dimensions in accordance with DIN11866 line B

Process Connection	DN	d	s	A	D	L	H	h	K	M
U25	6	10,2	1,6	28,1	64	65	48	33,5	50	M6
U25	8	13,5	1,6	28,1	64	65	53	36,85	50	M6
U25	10	17,2	1,6	28,1	64	65	57	39	50	M6
U25	15	21,3	1,6	28,1	64	65	61	40,95	50	M6
U25	20	26,9	1,6	28,1	64	65	66	43,15	50	M6
U50	25	33,7	2	47,6	90	75	95	63,15	70	M8
U50	32	42,4	2	47,6	90	75	95	58,8	70	M8
U50	40	48,3	2	47,6	90	75	100	60,85	70	M8
U50	50	60,3	2	47,6	90	75	110	64,85	70	M8
U50	65	76,1	2	47,6	90	85	135	81,95	70	M8
U50	80	88,9	2,3	47,6	90	90	150	90,85	70	M8
U50	100	114,3	2,3	47,6	90	100	175	103,15	70	M8
U65	40	48,3	2	65,6	120	90	107	67,85	95	M10
U65	50	60,3	2	65,6	120	90	115	69,85	95	M10
U65	65	76,1	2	65,6	120	100	135	81,95	95	M10
U65	80	88,9	2,3	65,6	120	100	155	95,85	95	M10
U65	100	114,3	2,3	65,6	120	100	175	103,15	95	M10

BioControl® – Angle Housing U25 / U50 / U65, tube dimensions in accordance with DIN11866 line C

Process Connection	DN	d	s	A	D	L	H	h	K	M
U25	1/4"	6,35	0,89	28,1	64	65	46	32,72	50	M6
U25	3/8"	9,53	0,89	28,1	64	65	49	34,13	50	M6
U25	1/2"	12,7	1,65	28,1	64	65	52	36,3	50	M6
U25	3/4"	19,05	1,65	28,1	64	65	58	37,75	50	M6
U25	1"	25,4	1,65	28,1	64	65	65	42,95	50	M6
U50	1"	25,4	1,65	47,6	90	75	80	51,95	70	M8
U50	1 1/2"	38,1	1,65	47,6	90	75	95	60,6	70	M8
U50	2"	50,8	1,65	47,6	90	75	105	64,25	70	M8
U50	2 1/2"	63,5	1,65	47,6	90	75	115	67,9	70	M8
U50	3"	76,2	1,65	47,6	90	85	135	81,55	70	M8
U50	4"	101,6	2,11	47,6	90	100	165	99,31	70	M8
U65	1 1/2"	38,1	1,65	65,6	120	90	100	65,96	95	M10
U65	2"	50,8	1,65	65,6	120	90	110	69,25	95	M10
U65	2 1/2"	63,5	1,65	65,6	120	90	120	72,9	95	M10
U65	3"	76,2	1,65	65,6	120	100	140	86,55	95	M10
U65	4"	101,6	2,11	65,6	120	100	165	99,31	95	M10