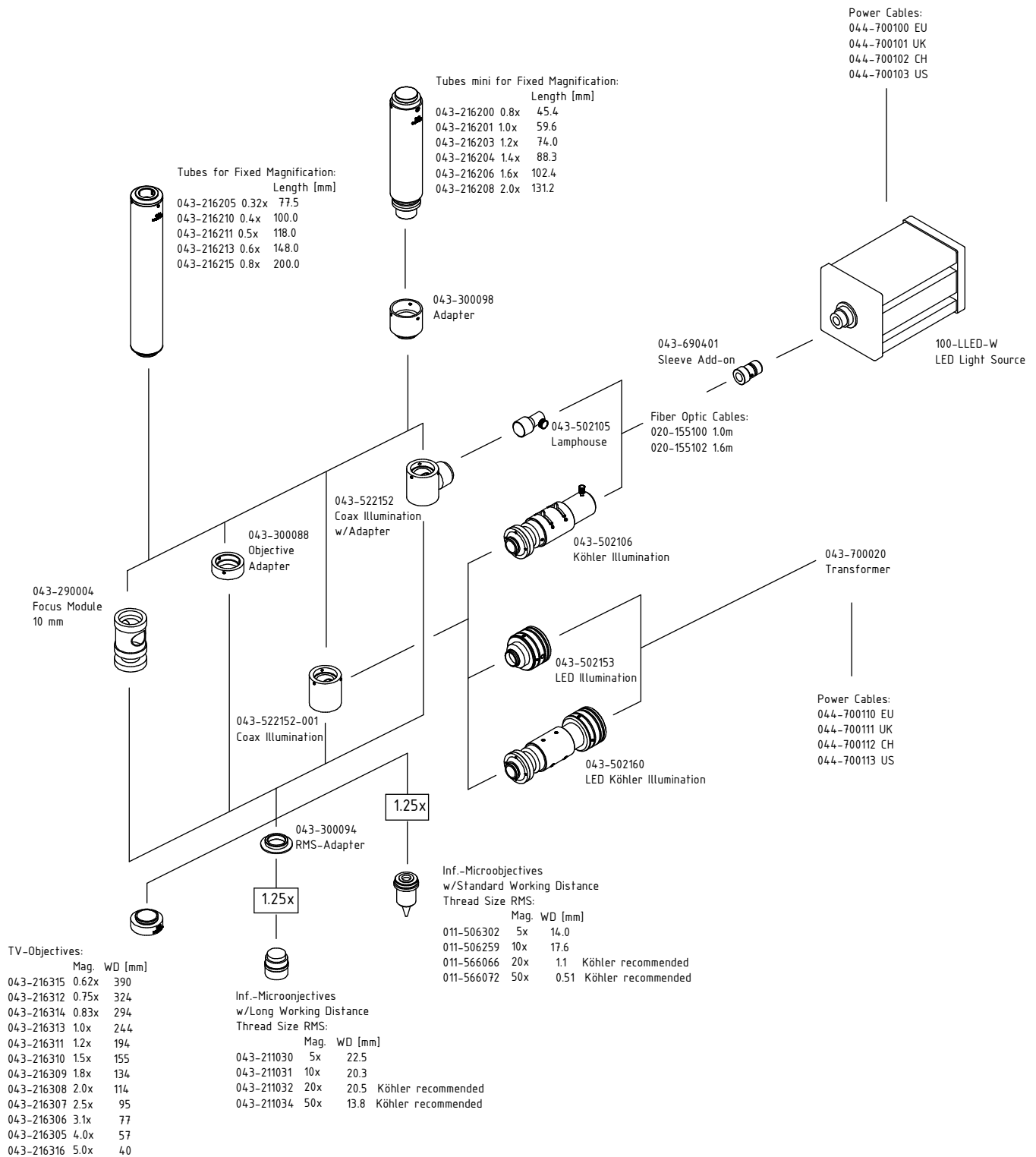


Configuration Diagram TV Microscopes D35 mm - Fixed Magnification



Stand 18.12.2008

TV-Microscopes D35 mm Fixed Magnification	TV Tubus 0,32x 043-216205	TV Tubus 0,4x 043-216210	TV Tubus 0,5x 043-216211	TV Tubus 0,6x 043-216213	TV Tubus 0,8x 043-216215	TV Tubus 0,8x 043-216200	TV Tubus 1,0x 043-216201	TV Tubus 1,2x 043-216203	TV Tubus 1,4x 043-216204	TV Tubus 1,6x 043-216206	TV Tubus 2,0x 043-216208
TV-Objectives	N.A.	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225
	MAG.	0.20	0.25	0.31	0.38	0.50	0.50	0.63	0.75	0.88	1.00
	D.O.F.	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988
	FOV.	1/3" 18.0 x 23.5	14.4 x 18.8	11.5 x 15.0	9.6 x 12.5	7.2 x 9.4	7.2 x 9.4	5.8 x 7.5	4.8 x 6.3	4.1 x 5.4	3.6 x 4.7
		1/2" 23.5 x 31.5	18.8 x 25.2	15.0 x 20.2	12.5 x 16.8	9.4 x 12.6	9.4 x 12.6	7.5 x 10.1	6.3 x 8.4	5.4 x 7.2	4.7 x 6.3
		2/3" 26.0 x 34.8	20.8 x 27.8	17.3 x 23.2	13.0 x 17.4	13.0 x 17.4	10.4 x 13.9	8.7 x 11.6	7.4 x 9.9	6.5 x 8.7	5.2 x 7.0
0.62x 043-216315 AA=390mm	N.A.	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225
	MAG.	0.20	0.25	0.31	0.38	0.50	0.50	0.63	0.75	0.88	1.00
	D.O.F.	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988
	FOV.	1/3" 18.0 x 23.5	14.4 x 18.8	11.5 x 15.0	9.6 x 12.5	7.2 x 9.4	7.2 x 9.4	5.8 x 7.5	4.8 x 6.3	4.1 x 5.4	3.6 x 4.7
		1/2" 23.5 x 31.5	18.8 x 25.2	15.0 x 20.2	12.5 x 16.8	9.4 x 12.6	9.4 x 12.6	7.5 x 10.1	6.3 x 8.4	5.4 x 7.2	4.7 x 6.3
		2/3" 26.0 x 34.8	20.8 x 27.8	17.3 x 23.2	13.0 x 17.4	13.0 x 17.4	10.4 x 13.9	8.7 x 11.6	7.4 x 9.9	6.5 x 8.7	5.2 x 7.0
0.75x 043-216312 AA=324mm	N.A.	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273
	MAG.	0.24	0.30	0.38	0.45	0.61	0.61	0.76	0.91	1.06	1.21
	D.O.F.	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672
	FOV.	1/3" 14.9 x 19.4	11.9 x 15.5	9.5 x 12.4	7.9 x 10.3	5.9 x 7.8	5.9 x 7.8	4.8 x 6.2	4.0 x 5.2	3.4 x 4.4	3.0 x 3.9
		1/2" 19.4 x 26.0	15.5 x 20.8	12.4 x 16.6	10.3 x 13.9	7.8 x 10.4	7.8 x 10.4	6.2 x 8.3	5.2 x 6.9	4.4 x 5.9	3.9 x 5.2
		2/3" 21.5 x 28.7	17.2 x 23.0	14.3 x 19.1	10.7 x 14.4	10.7 x 14.4	8.6 x 11.5	7.2 x 9.6	6.1 x 8.2	5.4 x 7.2	4.3 x 5.7
0.83x 043-216314 AA=294mm	N.A.	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300
	MAG.	0.27	0.33	0.42	0.50	0.67	0.67	0.83	1.00	1.17	1.33
	D.O.F.	0.556	0.556	0.556	0.556	0.556	0.556	0.556	0.556	0.556	0.556
	FOV.	1/3" 13.5 x 17.6	10.8 x 14.1	8.6 x 11.3	7.2 x 9.4	5.4 x 7.1	5.4 x 7.1	4.3 x 5.6	3.6 x 4.7	3.1 x 4.0	2.7 x 3.5
		1/2" 17.6 x 23.6	14.1 x 18.9	11.3 x 15.1	9.4 x 12.6	7.1 x 9.5	7.1 x 9.5	5.6 x 7.6	4.7 x 6.3	4.0 x 5.4	3.5 x 4.7
		2/3" 19.5 x 26.1	15.6 x 20.9	13.0 x 17.4	10.8 x 14.5	8.1 x 10.9	8.1 x 10.9	6.5 x 8.7	5.6 x 7.5	4.9 x 6.5	3.9 x 5.2
1.0x 043-216313 AA=244mm	N.A.	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360
	MAG.	0.32	0.40	0.50	0.60	0.80	0.80	1.00	1.20	1.40	1.60
	D.O.F.	0.386	0.386	0.386	0.386	0.386	0.386	0.386	0.386	0.386	0.386
	FOV.	1/3" 11.3 x 14.7	9.0 x 11.8	7.2 x 9.4	6.0 x 7.8	4.5 x 5.9	4.5 x 5.9	3.6 x 4.7	3.0 x 3.9	2.6 x 3.4	2.3 x 2.9
		1/2" 14.7 x 19.7	11.8 x 15.8	9.4 x 12.6	7.8 x 10.5	5.9 x 7.9	5.9 x 7.9	4.7 x 6.3	3.9 x 5.3	3.4 x 4.5	2.9 x 3.9
		2/3" 16.3 x 21.8	13.0 x 17.4	10.8 x 14.5	8.1 x 10.9	6.5 x 8.7	6.5 x 8.7	5.2 x 7.0	4.4 x 5.9	3.8 x 5.0	3.3 x 4.4
1.2x 043-216311 AA=194mm	N.A.	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450
	MAG.	0.40	0.50	0.63	0.75	1.00	1.00	1.25	1.50	1.75	2.00
	D.O.F.	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247
	FOV.	1/3" 9.0 x 11.8	7.2 x 9.4	5.8 x 7.5	4.8 x 6.3	3.6 x 4.7	3.6 x 4.7	2.9 x 3.8	2.4 x 3.1	2.1 x 2.7	1.8 x 2.4
		1/2" 11.8 x 15.8	9.4 x 12.6	7.5 x 10.1	6.3 x 8.4	4.7 x 6.3	4.7 x 6.3	3.8 x 5.0	3.1 x 4.2	2.7 x 3.6	2.4 x 3.2
		2/3" 13.0 x 17.4	10.4 x 13.9	8.7 x 11.6	7.1 x 9.5	5.4 x 7.1	5.4 x 7.1	4.3 x 5.6	3.6 x 4.7	3.1 x 4.0	2.7 x 3.5
1.5x 043-216310 AA=155mm	N.A.	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563	0.0563
	MAG.	0.50	0.63	0.78	0.94	1.25	1.25	1.56	1.88	2.19	2.50
	D.O.F.	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158	0.158
	FOV.	1/3" 7.2 x 9.4	5.8 x 7.5	4.6 x 6.0	3.8 x 5.0	2.9 x 3.8	2.9 x 3.8	2.3 x 3.0	1.9 x 2.5	1.6 x 2.1	1.4 x 1.9
		1/2" 9.4 x 12.6	7.5 x 10.1	6.0 x 8.1	5.0 x 6.7	3.8 x 5.0	3.8 x 5.0	3.0 x 4.0	2.5 x 3.4	2.1 x 2.9	1.9 x 2.5
		2/3" 10.4 x 13.9	8.3 x 11.1	6.9 x 9.3	5.2 x 7.0	4.0 x 5.3	4.0 x 5.3	3.2 x 4.2	2.6 x 3.5	2.2 x 3.0	1.9 x 2.5
1.8x 043-216309 AA=134mm	N.A.	0.0643	0.0643	0.0643	0.0643	0.0643	0.0643	0.0643	0.0643	0.0643	0.0643
	MAG.	0.57	0.71	0.89	1.07	1.43	1.43	1.79	2.14	2.50	2.86
	D.O.F.	0.121	0.121	0.121	0.121	0.121	0.121	0.121	0.121	0.121	0.121
	FOV.	1/3" 6.3 x 8.2	5.0 x 6.6	4.0 x 5.3	3.4 x 4.4	2.5 x 3.3	2.5 x 3.3	2.0 x 2.6	1.7 x 2.2	1.4 x 1.9	1.3 x 1.6
		1/2" 8.2 x 11.0	6.6 x 8.8	5.3 x 7.1	4.4 x 5.9	3.3 x 4.4	3.3 x 4.4	2.6 x 3.5	2.2 x 2.9	1.9 x 2.5	1.6 x 2.2
		2/3" 9.1 x 12.2	7.3 x 9.7	6.1 x 8.1	4.6 x 6.1	3.6 x 4.7	3.6 x 4.7	2.9 x 3.8	2.4 x 3.1	2.1 x 2.7	1.8 x 2.4
2.0x 043-216308 AA=114mm	N.A.	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750
	MAG.	0.67	0.83	1.04	1.25	1.67	1.67	2.08	2.50	2.92	3.33
	D.O.F.	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089
	FOV.	1/3" 5.4 x 7.1	4.3 x 5.6	3.5 x 4.5	2.9 x 3.8	2.2 x 2.8	2.2 x 2.8	1.7 x 2.3	1.4 x 1.9	1.2 x 1.6	1.1 x 1.4
		1/2" 7.1 x 9.5	5.6 x 7.6	4.5 x 6.0	3.8 x 5.0	2.8 x 3.8	2.8 x 3.8	2.3 x 3.0	1.9 x 2.5	1.6 x 2.2	1.4 x 1.9
		2/3" 7.8 x 10.4	6.2 x 8.4	5.2 x 7.0	4.0 x 5.3	3.0 x 4.0	3.0 x 4.0	2.4 x 3.1	2.0 x 2.6	1.7 x 2.2	1.5 x 2.0
2.5x 043-216307 AA=95mm	N.A.	0.0900	0.0900	0.0900	0.0900	0.0900	0.0900	0.0900	0.0900	0.0900	0.0900
	MAG.	0.80	1.00	1.25	1.50	2.00	2.00	2.50	3.00	3.50	4.00
	D.O.F.	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062
	FOV.	1/3" 4.5 x 5.9	3.6 x 4.7	2.9 x 3.8	2.4 x 3.1	1.8 x 2.4	1.8 x 2.4	1.4 x 1.9	1.2 x 1.6	1.0 x 1.3	0.9 x 1.2
		1/2" 5.9 x 7.9	4.7 x 6.3	3.8 x 5.0	3.1 x 4.2	2.4 x 3.2	2.4 x 3.2	1.9 x 2.5	1.6 x 2.1	1.3 x 1.8	1.2 x 1.6
		2/3" 6.5 x 8.7	5.2 x 7.0	4.3 x 5.8	3.3 x 4.4	2.5 x 3.3	2.5 x 3.3	2.0 x 2.6	1.7 x 2.2	1.4 x 1.9	1.3 x 1.7
3.1x 043-216306 AA=77mm	N.A.	0.1125	0.1125	0.1125	0.1125	0.1125	0.1125	0.1125	0.1125	0.1125	0.1125
	MAG.	1.00	1.25	1.56	1.88	2.50	2.50	3.13	3.75	4.38	5.00
	D.O.F.	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
	FOV.	1/3" 3.6 x 4.7	2.9 x 3.8	2.3 x 3.0	1.9 x 2.5	1.4 x 1.9	1.4 x 1.9	1.2 x 1.5	1.0 x 1.3	0.8 x 1.1	0.7 x 0.9
		1/2" 4.7 x 6.3	3.8 x 5.0	3.0 x 4.0	2.5 x 3.4	1.9 x 2.5	1.9 x 2.5	1.5 x 2.0	1.3 x 1.7	1.1 x 1.4	0.9 x 1.3
		2/3" 5.2 x 7.0	4.2 x 5.6	3.5 x 4.6	2.8 x 3.8	2.1 x 2.8	2.1 x 2.8	1.7 x 2.3	1.5 x 2.0	1.3 x 1.7	1.1 x 1.4
3.7x 043-216305 AA=61mm	N.A.	0.1286	0.1286	0.1286	0.1286	0.1286	0.1286	0.1286	0.1286	0.1286	0.1286
	MAG.	1.14	1.43	1.79	2.14	2.86	2.86	3.57	4.29	5.00	5.71
	D.O.F.	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
	FOV.	1/3" 3.2 x 4.1	2.5 x 3.3	2.0 x 2.6	1.7 x 2.2	1.3 x 1.6	1.3 x 1.6	1.0 x 1.3	0.8 x 1.1	0.7 x 0.9	0.6 x 0.8
		1/2" 4.1 x 5.5	3.3 x 4.4	2.6 x 3.5	2.2 x 2.9	1.6 x 2.2	1.6 x 2.2	1.3 x 1.8	1.1 x 1.5	0.9 x 1.3	0.8 x 1.1
		2/3" 4.6 x 6.1	3.6 x 4.9	3.0 x 4.1	2.3 x 3.0	1.8 x 2.4	1.8 x 2.4	1.5 x 2.0	1.3 x 1.7	1.1 x 1.5	0.9 x 1.2
Micro-Objectives		low	low	low	low	low	low	low	low	low	low
Plan 5x 043-216316 AA=40mm	N.A.	0.1800	0.1800	0.1800	0.1800	0.1800	0.1800	0.1800	0.1800	0.1800	0.1800
	MAG.	1.60	2.00	2.50	3.00	4.00	4.00	5.00	6.00	7.00	8.00
	D.O.F.	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
	FOV.	1/3" 2.3 x 2.9	1.8 x 2.4	1.4 x 1.9	1.2 x 1.6	0.9 x 1.2	0.9 x 1.2	0.7 x 0.9	0.6 x 0.8	0.5 x 0.7	0.5 x 0.6
		1/2" 2.9 x 3.9	2.4 x 3.2	1.9 x 2.5	1.6 x 2.1	1.2 x 1.6	1.2 x 1.6	0.9 x 1.3	0.8 x 1.1	0.7 x 0.9	0.6 x 0.8
		2/3" 3.3 x 4.4	2.6 x 3.5	2.2 x 2.9	1.6 x 2.2	1.2 x 1.6	1.2 x 1.6	1			