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6:1

LEICA Z6 APO A

Leica Zoom Systems

Technical Information

Living up to Life

Leica
MICROSYSTEMS

Leica Z6 APO & Z16 APO, Z6 APO A & Z16 APO A

Technical Data, Performance Characteristics



Zoom system	Leica Z6 APO	Leica Z16 APO	Leica Z6 APO A	Leica Z16 APO A
Type	Apochromatic zoom system with central beam path, lead-free	Apochromatic zoom system with central beam path, lead-free	Apochromatic zoom system with central beam path, lead-free, motorized functions	Apochromatic zoom system with central beam path, lead-free, motorized functions
Zoom	6.3:1	16:1	6.3:1, motorized	16:1, motorized
Zoom factor	0.57× – 3.6×	0.57× – 9.2×	0.57× – 3.6×	0.57× – 9.2×
Built-in iris diaphragm	for adjusting the depth of field	for adjusting the depth of field	for adjusting the depth of field, motorized	for adjusting the depth of field, motorized
Switchable approachable positions for repetitive tasks	0.57 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 3.6	0.57 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 9.2	continuously motorized and approachable positions	continuously motorized and approachable positions
Zoom travel speed	–	–	1.6 s for zoom range	2.5 s for zoom range
Visual data with 1× planapochromatic objective / 10× eyepieces / 1.25× Y tube				
Magnification	7.1× – 45×	7.1× – 115×	7.1× – 45×	7.1× – 115×
Resolution	60 – 351 Lp/mm	51 – 336 Lp/mm	60 – 351 Lp/mm	51 – 336 Lp/mm
Visible structural width	8.3 – 1.4 µm	9.8 – 1.49 µm	8.3 – 1.4 µm	9.8 – 1.49 µm
Numerical aperture	0.02 – 0.117 nA	0.017 – 0.112 nA	0.02 – 0.117 nA	0.017 – 0.112 nA
Object field Ø	32.3 mm – 5.1 mm	32.3 mm – 2.0 mm	32.3 mm – 5.1 mm	32.3 mm – 2.0 mm
Depth of field (diaphragm open)	3.1 mm – 0.09 mm	3.8 mm – 0.05 mm	3.1 mm – 0.09 mm	3.8 mm – 0.05 mm
Depth of field (diaphragm closed)	18.1 mm – 0.4 mm	18.4 mm – 0.4 mm	18.1 mm – 0.4 mm	18.4 mm – 0.4 mm
Visual data with 2× planapochromatic objective / 40× eyepieces / 1.25× Y tube				
Magnification	57× – 360×	57× – 920×	57× – 360×	57× – 920×
Resolution	120 – 702 Lp/mm	102 – 672 Lp/mm	120 – 702 Lp/mm	102 – 672 Lp/mm
Visible structural width	4.2 – 0.7 µm	4.9 – 0.74 µm	4.2 – 0.7 µm	4.9 – 0.74 µm
Numerical aperture	0.04 – 0.234 nA	0.034 – 0.224 nA	0.04 – 0.234 nA	0.034 – 0.224 nA
Object field Ø	4.2 mm – 0.67 mm	4.2 mm – 0.26 mm	4.2 mm – 0.67 mm	4.2 mm – 0.26 mm
Data with Leica DFC490 digital camera / 1× planapochromatic objective / AS tube / 0.63× video objective				
Magnification	0.36× – 2.3×	0.36× – 5.8×	0.36× – 2.3×	0.36× – 5.8×
Chip: Object				
Digital resolution*	33.3 – 210 Lp/mm	33.3 – 336 Lp/mm	33.3 – 210 Lp/mm	33.3 – 336 Lp/mm
Object field projected onto chip	24.5 mm × 18.4 mm / 3.9 mm × 2.9 mm	24.5 mm × 18.4 mm / 1.5 mm × 1.14 mm	24.5 mm × 18.4 mm / 3.9 mm × 2.9 mm	24.5 mm × 18.4 mm / 1.5 mm × 1.14 mm
Depth of field (diaphragm open)	1.06 mm – 0.03 mm	1.4 mm – 0.03 mm	1.06 mm – 0.03 mm	1.4 mm – 0.03 mm
Depth of field (diaphragm closed)	10.7 mm – 0.26 mm	10.9 mm – 0.3 mm	10.7 mm – 0.26 mm	10.9 mm – 0.3 mm



Optical accessories	Leica Z6 APO & Z6 APO	Leica Z6 APO A & Z16 APO A
Objectives	<ul style="list-style-type: none"> – planapochromatic 1×, 0.5×, 0.8×, 2×, 5× – achromatic objectives M series 0.63×, 0.5×, 0.32×, lead-free 	<ul style="list-style-type: none"> – planapochromatic 1×, 0.5×, 0.8×, 2×, 5× – achromatic objectives M series 0.63×, 0.5×, 0.32×, lead-free
Working distance	<ul style="list-style-type: none"> – 97 mm (planapochromat 1×) – 187 mm (planapochromat 0.5×) – 112 mm (planapochromat 0.8×) – 39 mm (planapochromat 2×) – 19 mm (planapochromat 5.0×) 	<ul style="list-style-type: none"> – 97 mm (planapochromat 1×) – 187 mm (planapochromat 0.5×) – 112 mm (planapochromat 0.8×) – 39 mm (planapochromat 2×) – 19 mm (planapochromat 5.0×)
Fine focusing	10-mm path, optional	10-mm path, motorized and integrated
Binocular tubes, ergonomics	<ul style="list-style-type: none"> – inclined and straight binocular tubes – apochromatic ErgoTube® 10° – 50° with synchronous interpupillary distance adjustment – various ErgoModules® (optional) 	<ul style="list-style-type: none"> – inclined and straight binocular tubes – apochromatic ErgoTube® 10° – 50° with synchronous interpupillary distance adjustment – various ErgoModules® (optional)
<i>ErgoTube® and ErgoModule® are registered in the United States Patent and Trademark Office</i>		
Interpupillary distance	55 mm – 75 mm	55 mm – 75 mm
Ergonomic wide-field eyepieces for persons wearing glasses	10×/23, 16×/15, 25×/9.5, 40×/6, distortion-free plug-on eyecups to protect against infections	10×/23, 16×/15, 25×/9.5, 40×/6, distortion-free plug-on eyecups to protect against infections
Electrical Interface	RS232, USB via motorized focus	

Optical Data – Visual Data with Y Tube 1.25×

Objectives		1× planapochromat		0.5× planapochromat		0.8× planapochromat		2× planapochromat		5× planapochromat	
Working distances		97 mm		187 mm		112 mm		39 mm		20 mm	
Eyepieces	Zoom position	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø
		x	mm	x	mm	x	mm	x	mm	x	mm
10x/23B	0.57	7.1	32.3	3.6	64.6	5.7	40.4	14.3	16.1	35.6	6.5
	0.8	10	23.0	5	46.0	8	28.8	20	11.5	50	4.6
	1	12.5	18.4	6.3	36.8	10	23.0	25	9.2	62.5	3.7
	1.25	15.6	14.7	7.8	29.4	12.5	18.4	31.3	7.4	78.1	2.9
	1.6	20	11.5	10	23.0	16	14.4	40	5.8	100	2.3
	2	25	9.2	12.5	18.4	20	11.5	50	4.6	125	1.8
	2.5	31.3	7.4	15.6	14.7	25	9.2	62.5	3.7	156.3	1.5
	3.2	40	5.8	20	11.5	32	7.2	80	2.9	200	1.2
	3.6	45	5.1	22.5	10.2	36	6.4	90	2.6	225	1.0
	4	50	4.6	25	9.2	40	5.8	100	2.3	250	0.9
	5	62.5	3.7	31.3	7.4	50	4.6	125	1.8	312.5	0.7
	6.3	78.8	2.9	39.4	5.8	63	3.7	157.5	1.5	393.8	0.6
	8	100	2.3	50	4.6	80	2.9	200	1.2	500	0.5
	9.2	115	2.0	57.5	4.0	92	2.5	230	1.0	575	0.4
16x/15B	0.57	11.4	21.1	5.7	42.1	9.1	26.3	22.8	10.5	57	4.2
	0.8	16	15.0	8	30.0	12.8	18.8	32	7.5	80	3.0
	1	20	12.0	10	24.0	16	15.0	40	6.0	100	2.4
	1.25	25	9.6	12.5	19.2	20	12.0	50	4.8	125	1.9
	1.6	32	7.5	16	15.0	25.6	9.4	64	3.8	160	1.5
	2	40	6.0	20	12.0	32	7.5	80	3.0	200	1.2
	2.5	50	4.8	25	9.6	40	6.0	100	2.4	250	1.0
	3.2	64	3.8	32	7.5	51.2	4.7	128	1.9	320	0.8
	3.6	72	3.3	36	6.7	57.6	4.2	144	1.7	360	0.7
	4	80	3.0	40	6.0	64	3.8	160	1.5	400	0.6
	5	100	2.4	50	4.8	80	3.0	200	1.2	500	0.5
	6.3	126	1.9	63	3.8	100.8	2.4	252	1.0	630	0.4
	8	160	1.5	80	3.0	128	1.9	320	0.8	800	0.3
	9.2	184	1.3	92	2.6	147.2	1.6	368	0.7	920	0.3
25x/9.5B	0.57	17.8	13.3	8.91	26.7	14.3	16.7	35.6	6.7	89	2.7
	0.8	25	9.5	12.5	19.0	20	11.9	50	4.8	125	1.9
	1	31.3	7.6	15.6	15.2	25	9.5	62.5	3.8	156	1.5
	1.25	39.1	6.1	19.5	12.2	31.3	7.6	78.1	3.0	195	1.2
	1.6	50	4.8	25	9.5	40	5.9	100	2.4	250	1.0
	2	62.5	3.8	31.3	7.6	50	4.8	125	1.9	313	0.8
	2.5	78.1	3.0	39.1	6.1	62.5	3.8	156	1.5	391	0.6
	3.2	100	2.4	50	4.8	80	3.0	200	1.2	500	0.5
	3.6	113	2.1	56.3	4.2	90	2.6	225	1.1	562	0.4
	4	125	1.9	62.5	3.8	100	2.4	250	1.0	625	0.4
	5	156	1.5	78.1	3.4	125	1.9	313	0.8	781	0.3
	6.3	197	1.2	98.4	2.4	158	1.5	394	0.6	984	0.2
	8	250	1.0	125	1.9	200	1.2	500	0.5	1250	0.2
	9.2	288	0.8	144	1.6	230	1.0	575	0.4	1438	0.2
40x/6B	0.57	28.5	8.4	14.3	16.8	22.8	10.5	57	4.2	143	1.7
	0.8	40	6.0	20	12.0	32	7.5	80	3.0	200	1.2
	1	50	4.8	25	9.6	40	6.0	100	2.4	250	1.0
	1.25	62.5	3.8	31.3	7.7	50	4.8	125	1.9	313	0.8
	1.6	80	3.0	40	6.0	64	3.8	160	1.5	400	0.6
	2	100	2.4	50	4.8	80	3.0	200	1.2	500	0.5
	2.5	125	1.9	62.5	3.8	100	2.4	250	1.0	625	0.4
	3.2	160	1.5	80	3.0	128	1.9	320	0.8	800	0.3
	3.6	180	1.3	90	2.7	144	1.7	360	0.7	900	0.3
	4	200	1.2	100	2.4	160	1.5	400	0.6	1000	0.2
	5	250	1.0	125	1.9	200	1.2	500	0.5	1250	0.2
	6.3	315	0.8	158	1.5	252	1.0	630	0.4	1575	0.2
	8	400	0.6	200	1.2	320	0.8	800	0.3	2000	0.1
	9.2	460	0.5	230	1.0	368	0.7	920	0.3	2300	0.1

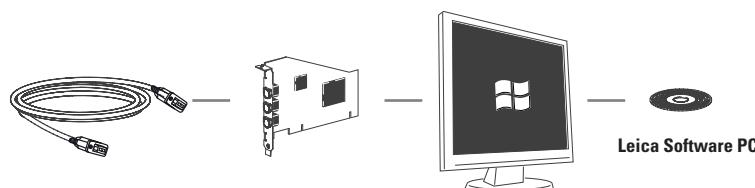
Z6 APO / Z6 APO A: Zoom 0.57× – 3.6×

Z16 APO / Z16 APO A: Zoom 0.57× – 9.2×

Major User Segments

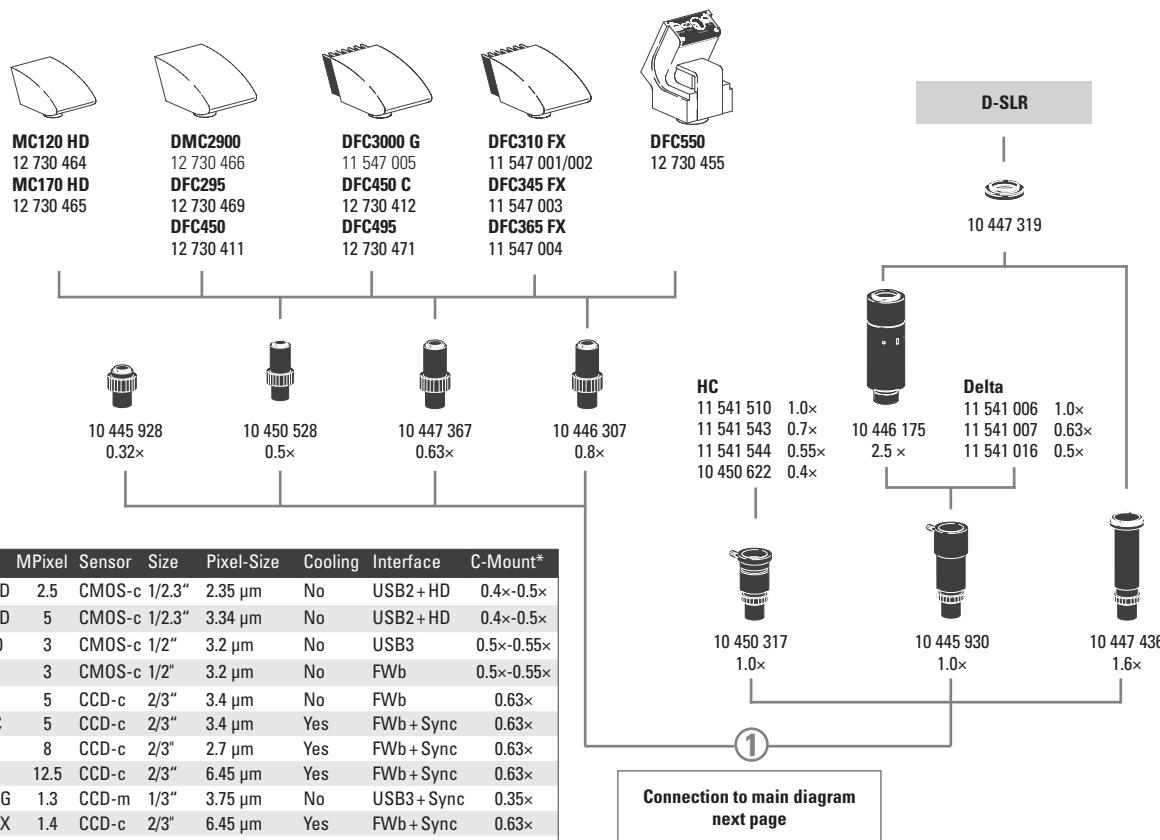
General	
Documentation	<ul style="list-style-type: none">– Parallax-free precise imaging– Ideal for multi-focus applications
Polarization	<ul style="list-style-type: none">– Axial imaging for true polarization colors
Measuring, analysis	<ul style="list-style-type: none">– Parallax-free precise imaging
Technology, industry	
OEM	Checking the production flow, detection of position and orientation
Semiconductor industry	<ul style="list-style-type: none">– Testing, checking, sorting semiconductor components– Inspecting gallium arsenide wafers (GaAs)
Microelectronics	Inspecting flex circuits and inkjet print heads
Fiber optic cable technology	<ul style="list-style-type: none">– Aligning fiber optic cables– Inspecting laser diodes
Measuring and test facilities	Materials testing and measuring, placement of test probes
Metalworking industry	Quality control, testing metallographic specimens, documentation
Plastics industry	<ul style="list-style-type: none">– Structural examinations of thin sections– Polarization-optical testing
Gemology	Inspection and classification of diamonds and gemstones
Implants	Control of coated stents (vascular supports) and catheters
Criminology	Sorting and documentation of trace materials such as fibers, human and animal hair, ammunition and documents (counterfeit). Documentation of impressions.
Natural science, life science	
Biology	Examination and documentation of illnesses, pests and ecological damages to plants
Geology	Testing petrological thin sections in polarized light
Medicine	Examination and documentation of histological thin sections
Education, training	Observing and demonstrating processes
Entomology	Documentation of beetles and insects
Pathology	Documenting organs

ARTICLE DESCRIPTIONS



Cable
11 600 269, FW-b-b
11 600 254, FW-a-b
12 730 211, HDMI-cable
12 730 496, USB3-cable

PC Cards
12 730 446, FW-b, Notebook Kit
12 730 447, FW-b, PCI express Low Profile
12 730 495, USB3, PCI express Low Profile



Name	MPixel	Sensor	Size	Pixel-Size	Cooling	Interface	C-Mount*
MC120 HD	2.5	CMOS-c	1/2.3"	2.35 µm	No	USB2+HD	0.4x-0.5x
MC170 HD	5	CMOS-c	1/2.3"	3.34 µm	No	USB2+HD	0.4x-0.5x
DMC2900	3	CMOS-c	1/2"	3.2 µm	No	USB3	0.5x-0.55x
DFC295	3	CMOS-c	1/2"	3.2 µm	No	FWb	0.5x-0.55x
DFC450	5	CCD-c	2/3"	3.4 µm	No	FWb	0.63x
DFC450 C	5	CCD-c	2/3"	3.4 µm	Yes	FWb+Sync	0.63x
DFC495	8	CCD-c	2/3"	2.7 µm	Yes	FWb+Sync	0.63x
DFC550	12.5	CCD-c	2/3"	6.45 µm	Yes	FWb+Sync	0.63x
DFC3000 G	1.3	CCD-m	1/3"	3.75 µm	No	USB3+Sync	0.35x
DFC310 FX	1.4	CCD-c	2/3"	6.45 µm	Yes	FWb+Sync	0.63x
DFC345 FX	2	CCD-m	1/2"	4.4 µm	Yes	FWb+Sync	0.5x
DFC365 FX	1.4	CCD-m	2/3"	6.45 µm	Yes	FWb+Sync	0.63x

-c: color / -m: monochrome / * recommended

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Digital camera systems

- 12 730 464 Leica MC120 HD camera kit
- 12 730 465 Leica MC170 HD camera kit
- 12 730 466 Leica DMC2900 camera kit
- 12 730 469 Leica DFC295 camera kit
- 12 730 411 Leica DFC450 camera kit
- 12 730 412 Leica DFC450 C camera kit
- 12 730 471 Leica DFC495 camera kit
- 12 730 455 Leica DFC550 camera kit
- 11 547 005 Leica DFC3000 G camera kit
- 11 547 002 Leica DFC310 FX camera kit
- 11 547 003 Leica DFC345 FX camera kit
- 11 547 004 Leica DFC365 FX camera kit
- 12 730 054 Leica IC D camera kit
- 12 730 060 Leica IC 3D camera kit
- 12 730 216 Leica IC80 HD camera (incl. USB-cable and Leica Software) not recommended for MZ10 F / M165 FC / M205 FA
- 12 730 228 Leica Stand-alone-kit (USB power pack, HDMI-cable, SD-card, HD RC remote control) for IC80 HD
- 12 730 229 Palm or foot switch with 2 m cable for IC80 HD

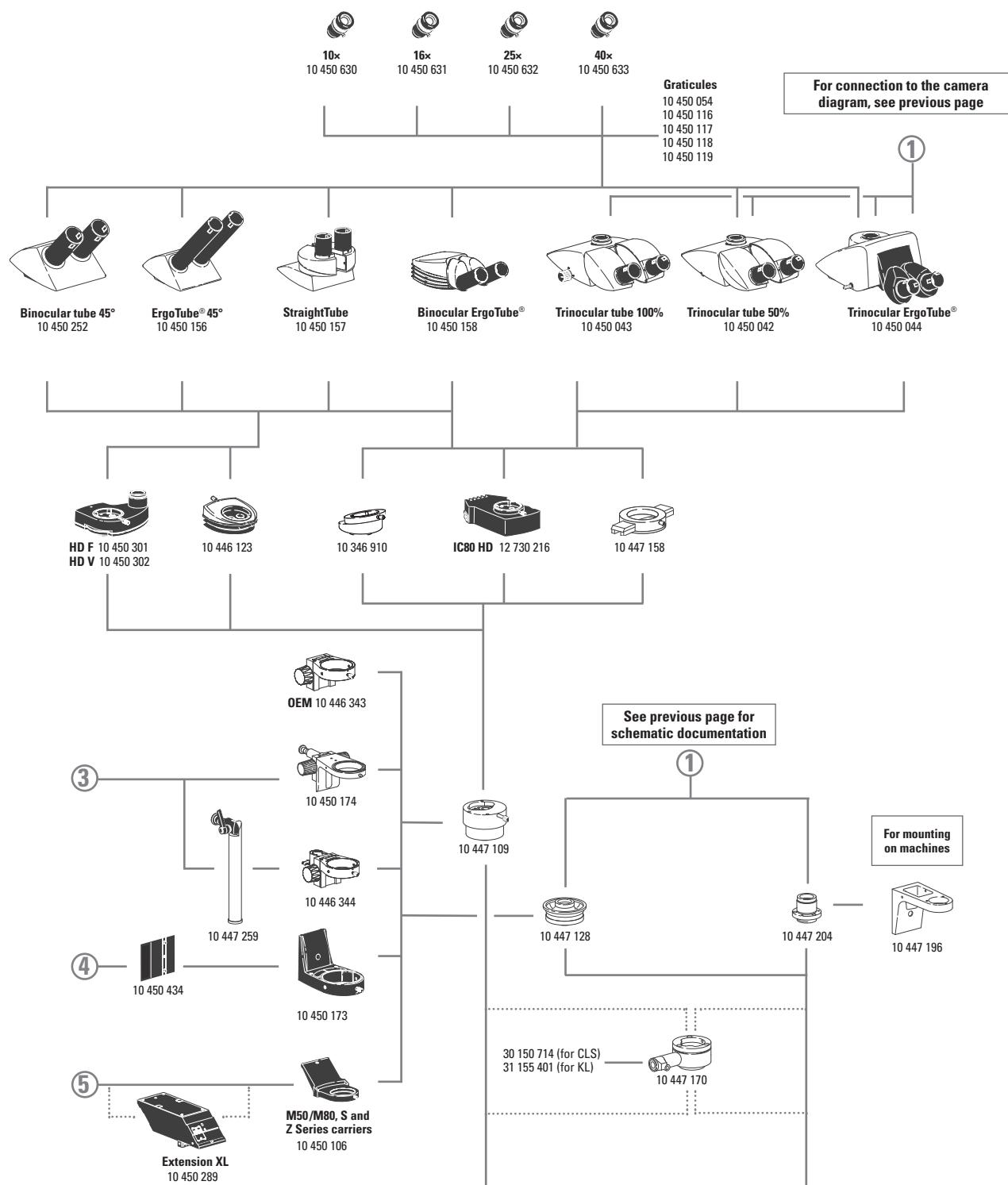
Digitale camera system accessories

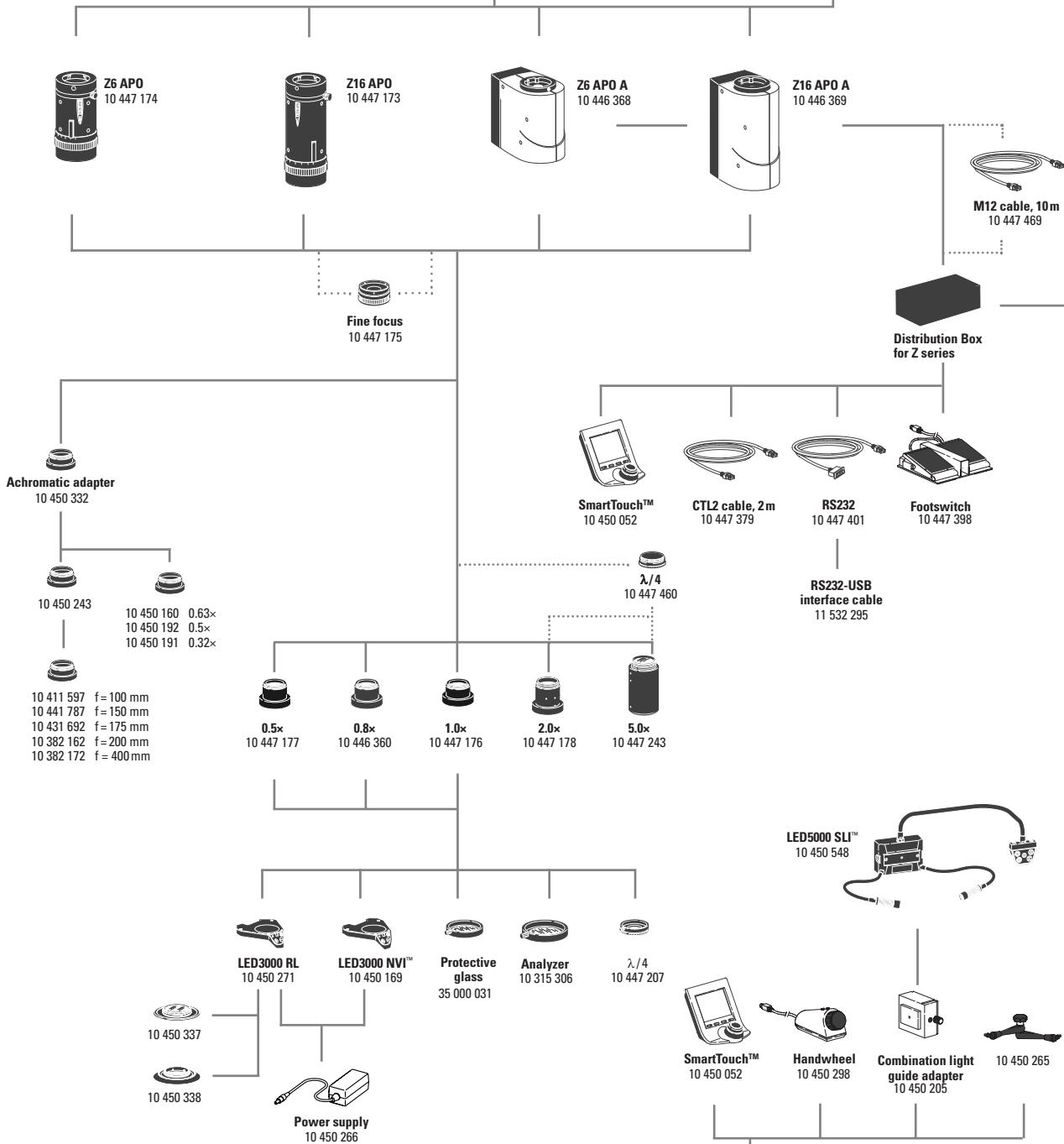
- 11 600 269 FireWire cable, FW-b-b, 2.5 m, 9-pin to 9-pin
- 11 600 254 FireWire cable, FW-a-b, 2.5 m, 6-pin to 9-pin
- 12 730 211 HDMI-cable, 3 m, HDMI both ends
- 12 730 496 USB3-cable, 2.5 m StandardA to Micro-B
- 12 730 446 FW-b, Notebook Kit (includes PCcard Express, power supply: 100 – 240 V, 24 W, adapter FW-b-a)
- 12 730 447 FW-b, PCI express card Low Profile
- 12 730 495 USB3, PCI express card Low Profile

Phototubes and C-mounts

- 10 447 319 Adapter T2, Canon EOS
- 10 447 436 1.6x DSLR tube with T2 thread (APS-C sensor)
- 10 446 175 2.5x DSLR tube with T2 thread (24x36 mm sensor)
- 10 445 928 0.32x video objektive with C-mount for 1/3" digital cameras
- 10 450 528 0.5x video objektive with C-mount for 1/2" digital cameras
- 10 447 367 0.63x video objektive with C-mount for 2/3" digital cameras
- 10 446 307 0.8x video objektive with C-mount for 2/3" digital cameras
- 10 445 930 1.0x video-/photo objektive
- 10 450 317 1.0x C-mount adapter for HC

ARTICLE DESCRIPTIONS





Zoom systems and accessories

- 10 447 174 Leica Z6 APO 6.3:1 apochromatic zoom system
- 10 447 173 Leica Z16 APO 16:1 apochromatic zoom system
- 10 446 368 Leica Z6 APO A 6.3:1 motorized zoom system, apochromatic, with distribution box and M12 cable
- 10 446 369 Leica Z16 APO A 16:1 motorized zoom system, apochromatic, with distribution box and M12 cable

Objectives and optical accessories

- 10 447 175 Fine focusing (for Z6 APO / Z16 APO only), 10 mm travel distance
- 10 447 177 0.5x planapochromatic objective
- 10 446 360 0.8x planapochromatic objective
- 10 447 176 1x planapochromatic objective
- 10 447 178 2x planapochromatic objective
- 10 447 243 5x Planapochromatic objective
- 10 450 332 Adapter for M series achromatic objectives
- 10 450 191 0.32x achromatic objective
- 10 450 192 0.5x achromatic objective
- 10 450 160 0.63x achromatic objective
- 10 450 243 Adapter for LWD achromatic objectives
- 10 411 597 Achromatic objective f = 100 mm
- 10 441 787 Achromatic objective f = 150 mm
- 10 431 692 Achromatic objective f = 175 mm
- 10 382 162 Achromatic objective f = 200 mm
- 10 382 172 Achromatic objective f = 400 mm

- 35 000 031 Protective glass for planapochromatic objectives
- 10 315 306 Analyzer in rotating mount
- 10 447 207 Quarter-wave plate, Ø 58 mm
- 10 447 460 Quarter-wave plate for 2.0 x and 5.0 x

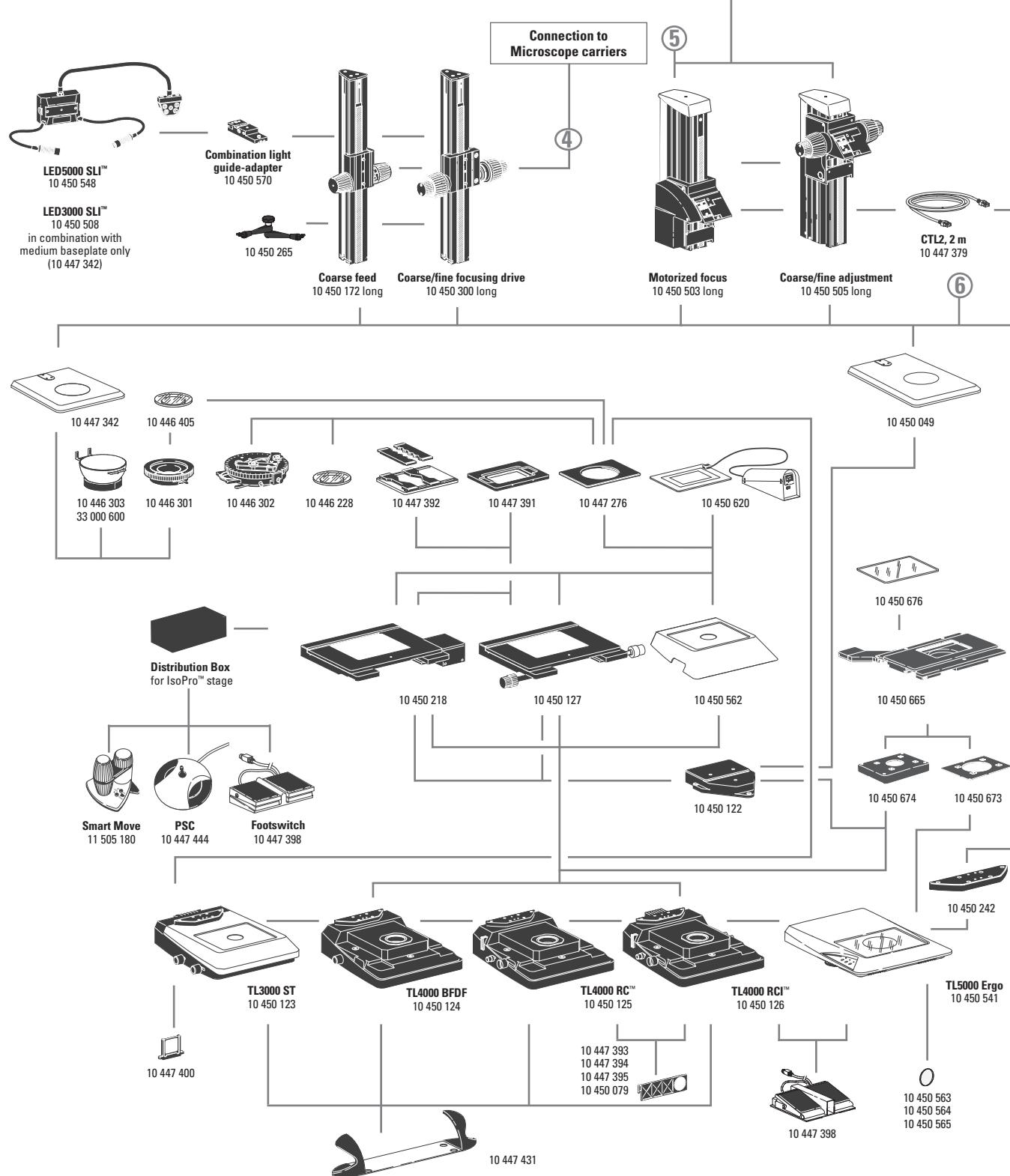
Illumination

- 10 450 271 LED3000 RL – ring illuminator, Ø 58 mm objectives, 24 power LEDs, 5600 K color temperature, optimized LED auxiliary lens, selectable segments, optimized for 60–150 mm working distance
- 10 450 337 Polarization set for Leica LED3000 RL
- 10 450 338 Diffuser for Leica LED3000 RL
- 10 450 169 LED3000 NVI™ – vertical illuminator for Ø 58 mm objectives, for 60–150 mm working distance
- 10 450 508 LED3000 SLI™, spotlight illumination, double-armed goose-neck 300 mm long, 2 power LEDs, 5600 K color temperature, control unit on separate gooseneck, incl. diffuser pair
- 10 450 548 LED5000 SLI™, spotlight illumination, double-armed goose-neck 500 mm long, with 2 power LEDs, 5600 K color temperature, control unit on separate gooseneck, incl. diffuser pair
- 10 450 570 Combination light guide-adapter to focusing columns of the routine M series, for LED3000 SLI™ and LED3000 MCIT™
- 10 450 205 Combination light guide-adapter to focusing columns of the high-performance M series, for LED5000 SLI™
- 10 450 266 Power supply for LED3000 / LED5000

- 10 447 170 Coaxial illumination Z-series

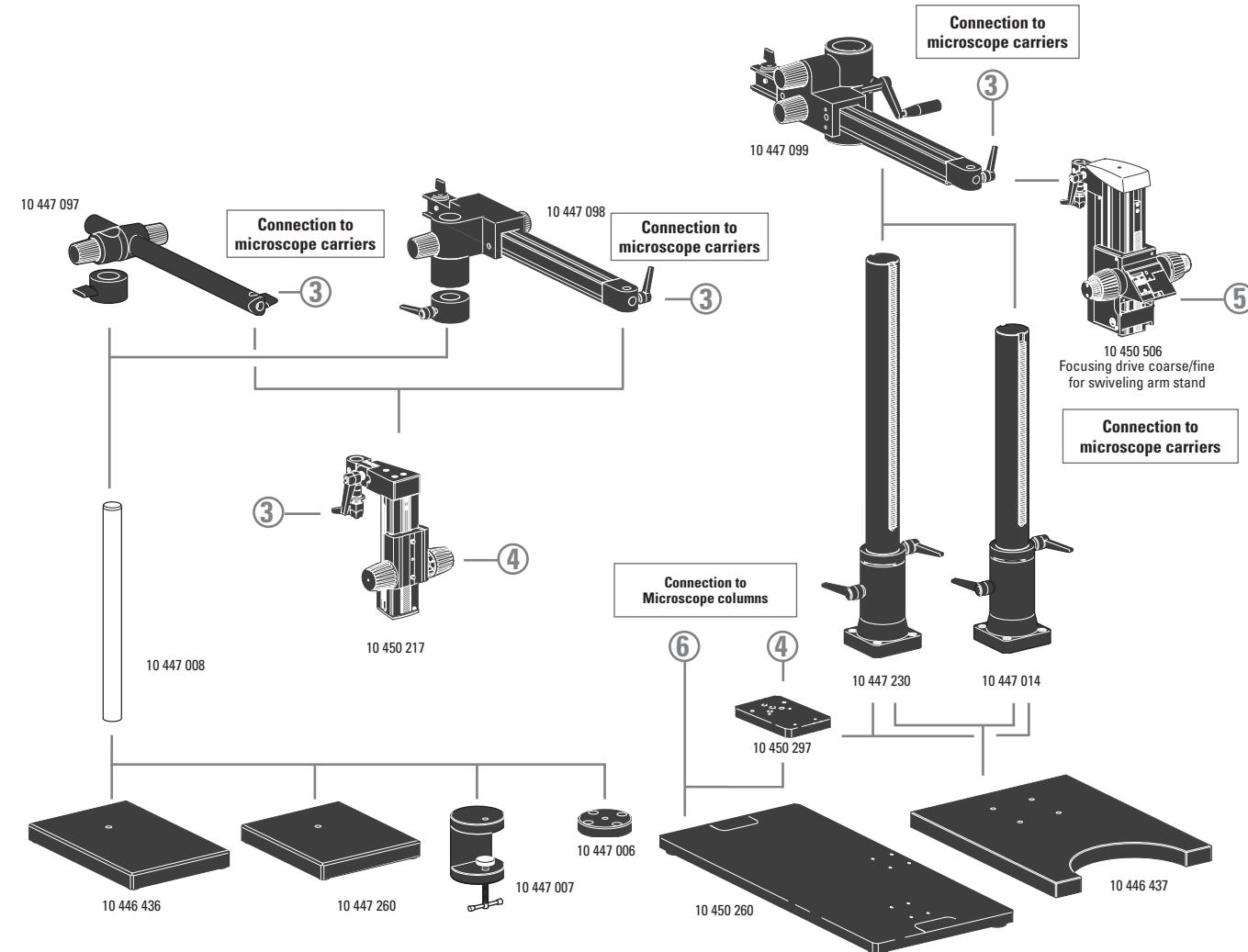
- 31 155 401 Light guide, TL bases, coax & NV-ill - 1m

- 30 150 703 Flex light guide 1-arm TVC 9/1000



Incident light and transmitted light bases

- 10 447 342 Incident light base medium
- 10 450 049 Incident light base large
- 10 450 123 Transmitted light base TL3000 ST with bright field (HF) and single-sided dark field (DF)
- 10 450 124 Transmitted light base TL4000 BFDF for external cold-light sources with HF and circular DF
- 10 450 125 Transmitted light base TL4000 RCI™ for external cold-light sources with HF, single-sided DF and Rottermann Contrast™ (RC)
- 10 450 126 Transmitted-light base TL4000 RCI™ with integrated halogen illumination
- 10 450 541 Transmitted light base TL5000 Ergo with integrated LED illumination, automatic contrasting, HF, double-sided DF and RC
- 10 450 242 Standard adapter plate between column and transmitted light base
- 10 450 434 Spacer for routine columns on high-performance bases
- Stages**
- 10 450 562 Standard stage for TL4000 BFDF, TL4000 RC™ and TL4000 RCI™
- 10 450 665 Scanning stage with linear motors and absolute measuring system
- 10 450 673 Stage Adapter for TL5000 Ergo
- 10 450 674 Stage Adapter for TL4000 Series
- 10 450 676 Glas insert for scanning stage 10 450 665
- 10 450 127 Leica IsoPro™ manual mechanical stage for TL4000 BFDF, TL4000 RC™, TL4000 RCI™ transmitted-light bases and incident light base (with adapter 10 450 122)
- 10 450 218 Leica IsoPro™ motorized mechanical stage for TL BFDF, TL RC™, TL RCI™ transmitted-light bases and incident light base (with adapter 10 450 122)
- 10 450 122 Adapter between mechanical stage and incident light base 10 450 049
- 10 450 620 Leica MATS TL heating stage insert with control unit for TL transmitted light bases
- 10 447 276 Adapter for stages with Ø120 mm
- 10 447 391 Stage for LifeOnStage accessories
- 10 447 392 Universal carrier for Petri dishes, specimen slides (up to four) etc.
- 10 446 301 Gliding stage, Ø 120 mm
- 10 446 302 Polarization stage, Ø 120 mm
- 10 382 130 Attachable mechanical stage for polarization stage
- 10 361 719 Sensitive-tint plate for Pol rotating stage
- 10 446 303 Cup stage, Ø 120 mm
- 33 000 600 Cup stage, Ø 120 mm, surface Ø 150 mm, revolving
- 10 446 228 Glass stage plate with Pol, Ø 120 mm
- 10 450 058 Stage plate, b/w for TL bases
- 10 450 059 Replacement knobs for IsoPro™ manual mechanical stage



Focusing drives

- 10 450 172 Coarse focusing drive with profile column 500 mm
- 10 450 300 Coarse/fine focusing drive with profile column 500 mm
- 10 450 505 Coarse/fine focusing drive with profile column 620 mm
- 10 450 503 Motorized focus with profile column 620 mm
- 10 450 289 XL extension – for viewing large specimens

- 10 450 265 Arm for fastening LED spotlights
- 10 447 369 CTL2 cable, 2 m

Filter

- 10 447 400 Daylight filter for TL3000 ST base
- 10 447 394 BG38 filter for TL4000 RCTM/ RCI™ transmitted-light base
- 10 447 395 UV filter for TL4000 RCTM/ RCI™ base
- 10 447 393 ND filter (neutral density filter) for TL4000 RCTM/ RCI™ base
- 10 450 079 Daylight filter for TL4000 RCI™ base

Controls

- 11 505 180 Leica SmartMove control unit for Leica IsoPro™ motorized mechanical stage
- 10 447 444 Leica PSC control unit for Leica IsoPro™ motorized mechanical stage
- 10 450 052 SmartTouch™, external control unit with integr. touchscreen for status control and control of all settings and functions
- 10 450 298 Manual controller for motorized focus
- 10 447 398 Footswitch for motorized stereomicroscopes
- 10 447 401 PC interface for Motor focus RS232, 3 m
- 11 532 295 RS232-USB interface cable
- 33 000 038 USB cable for TL base RCI 1.8 m

Ergonomic accessories

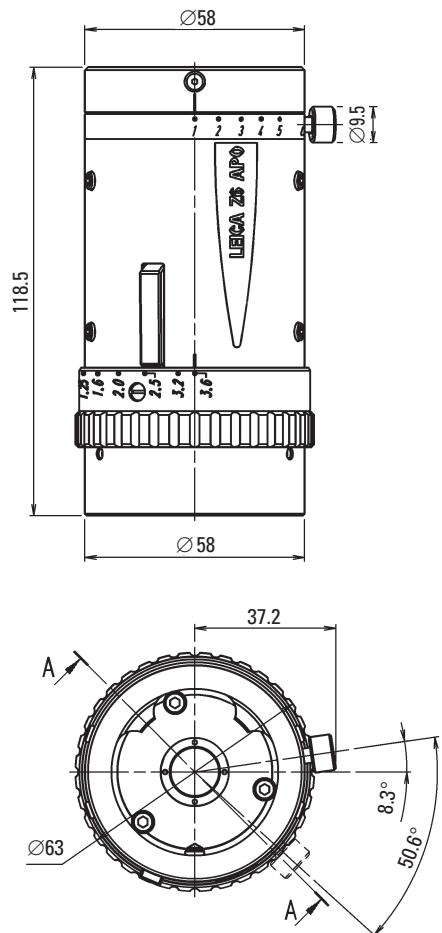
- 10 447 431 Leica ErgoRest (handrest for fatigue-free work)

Swiveling arm stands

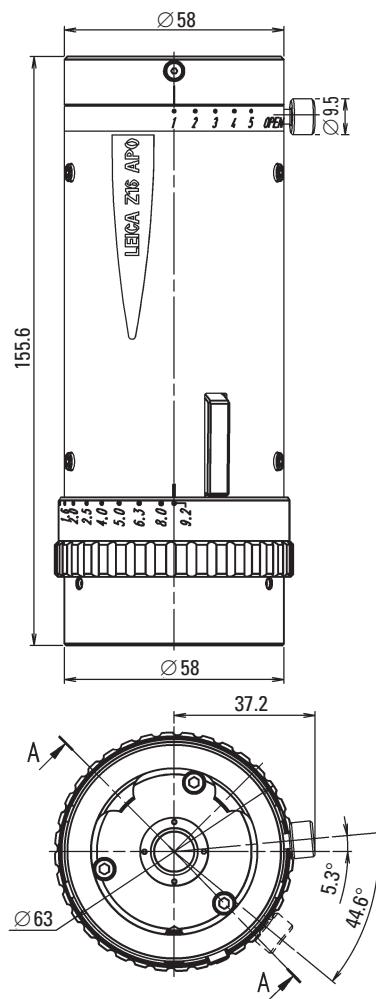
- 10 447 260 Baseplate, small
- 10 446 436 Baseplate, medium
- 10 447 008 Vertical column 470 / 35 mm
- 10 447 097 Horizontal arm ESD
- 10 447 098 Horizontal arm standard
- 10 447 006 Flange
- 10 447 007 Stage clamp
- 10 446 437 Baseplate, large
- 10 447 230 Vertical column 800 / 57 mm
- 10 447 014 Vertical column 560 / 57 mm
- 10 447 099 Horizontal arm, large
- 10 450 217 Focusing drive with inclinable column
- 10 450 506 Focusing drive coarse/fine for swiveling arm stand
- 10 450 260 Universal plate XL for specimens up to 300 x 300 mm
- 10 450 297 Adapter for universal plate 10 450 260 for all swinging-arm columns

Leica Z6 APO & Z16 APO

Dimensions of Zoom System, Coaxial Incident Light Housing

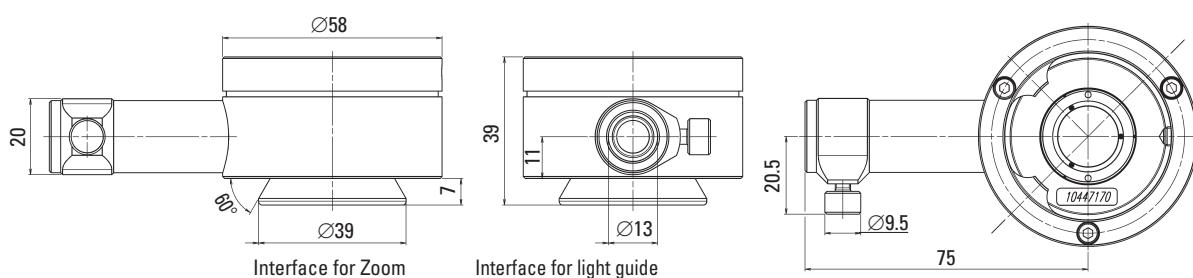


Leica Z6 APO



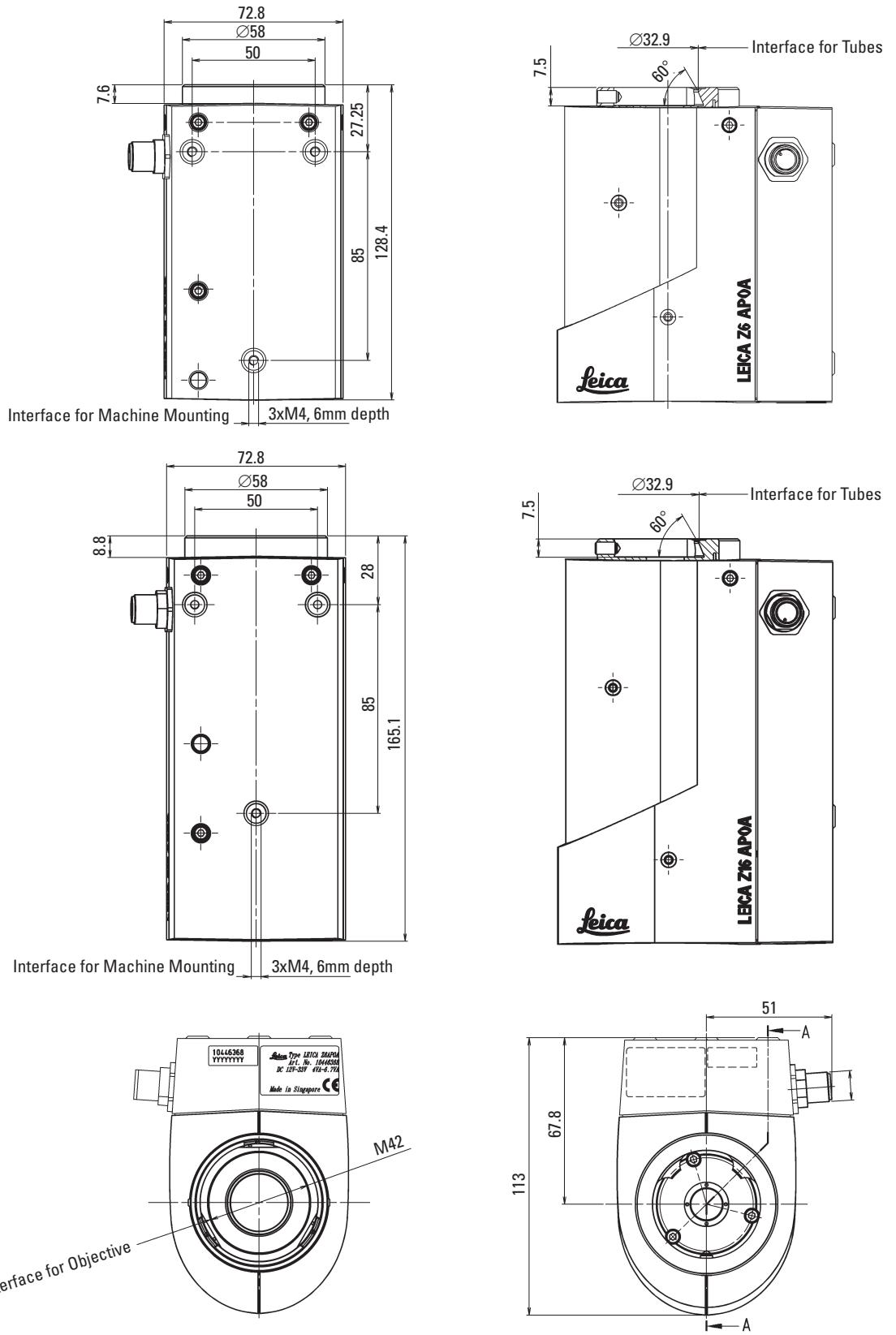
Leica Z16 APO

Coaxial Incident Light Housing

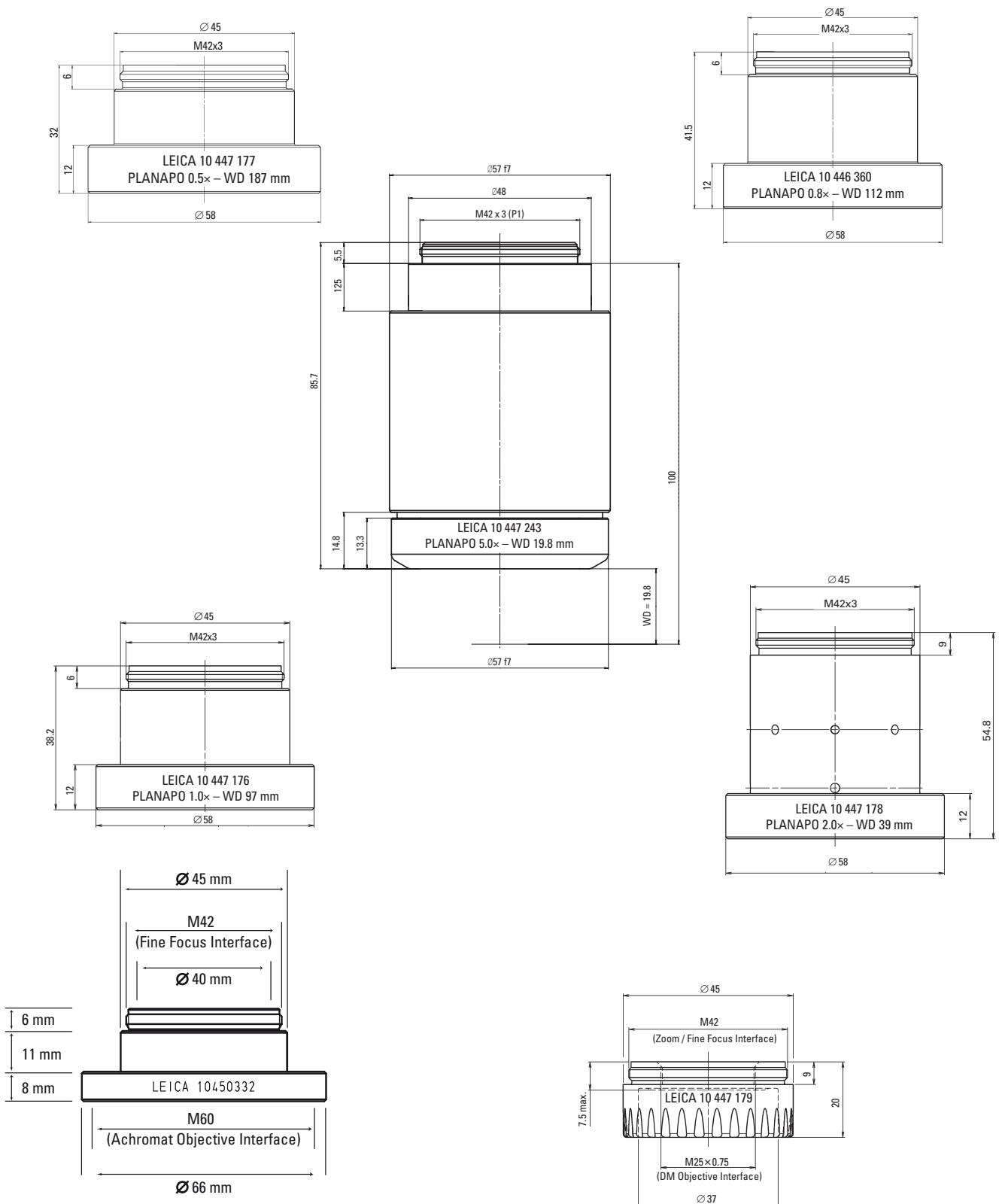


Leica Z6 APO A & Z16 APO A

Dimensions of Zoom System



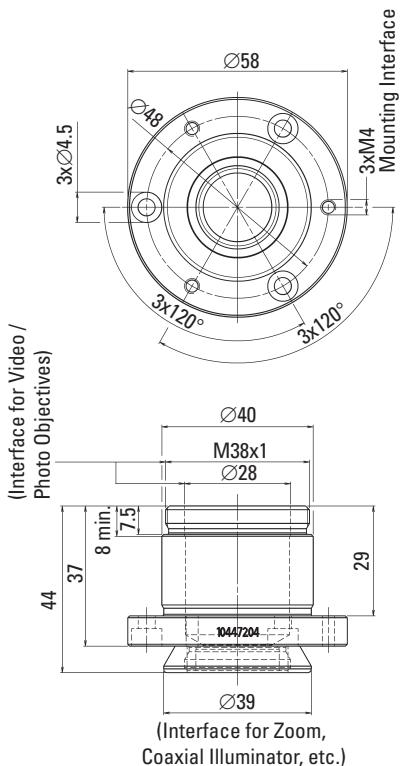
Dimensions of Objectives, Adapters



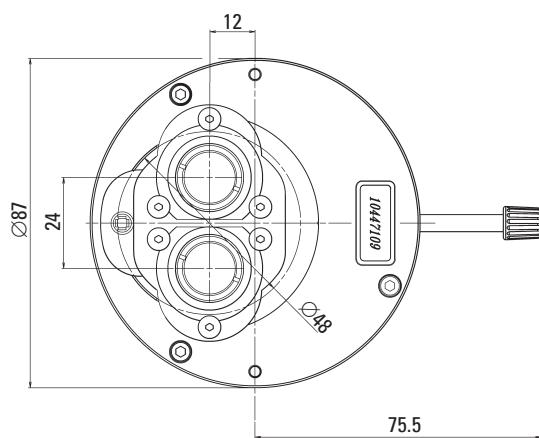
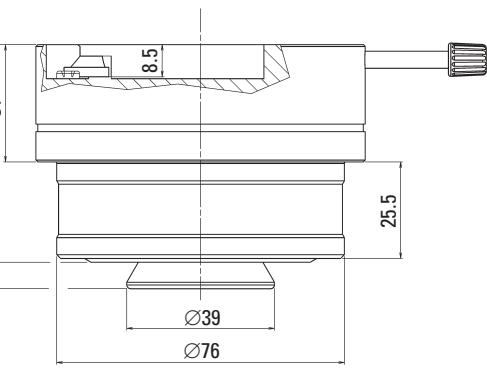
Achromat Objective Interface

DM Objective Interface

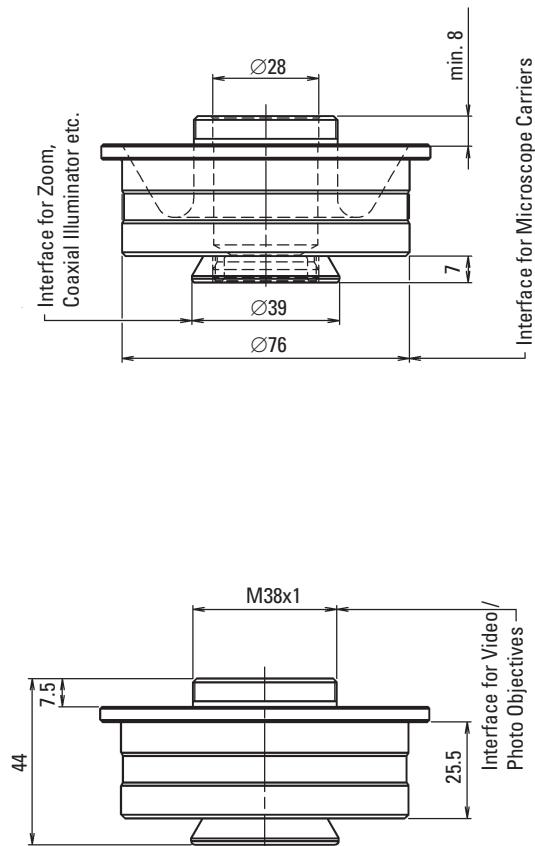
Dimensions des tubes



Tube AS



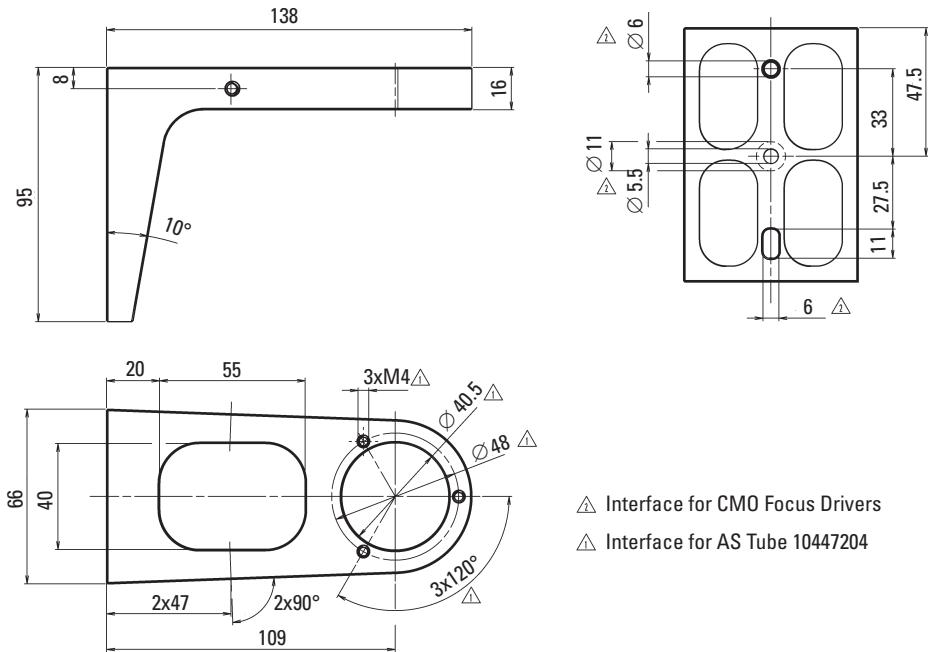
Tube Y



Tube A

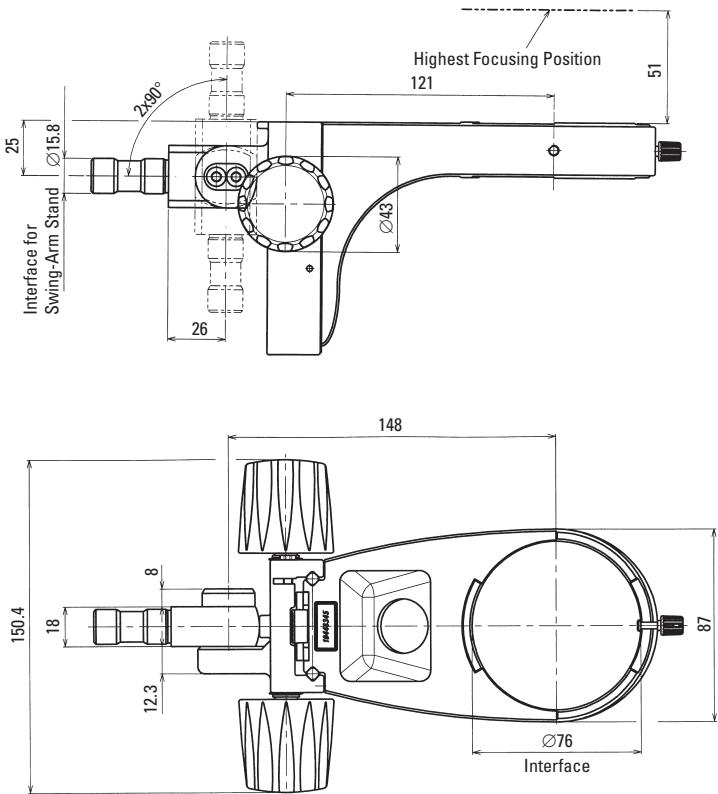
Dimensions of Carriers

Carrier to AS tube

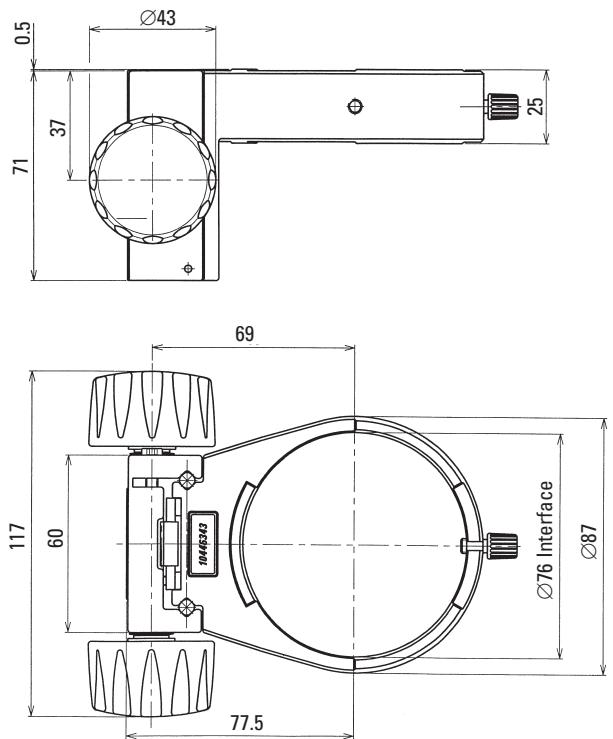


△ Interface for CMO Focus Drivers
△ Interface for AS Tube 10447204

Focusing arm, inclinable



Focusing arm for probers



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