

Thread Adapters for PIFOC Focus Scanners

Easy Integration of the PIFOC Positioner to a Microscope
(suitable for P-725.xCDE2 and P-725.xCDE1S)



P-725.xxM • P-725.xxL • P-725.xxS

- Thread adapters to easily adapt PIFOC positioners to a microscope
- Twist-free cable routing
- Objective spacers for correcting the parfocal length

The PIFOC objective positioners are inserted with the thread adapters between the microscope turret and the objective. After the adapter has been screwed into the turret, the PIFOC positioner is orientated as desired and fixed to the adapter. It is not necessary to turn the PIFOC positioner while doing this, which simplifies cable routing.

	Unit		P-725.02M	P-725.03M	P-725.04M	P-725.05M	P-725.06M	P-725.08M	P-725.11M	P-725.12M
Aperture diameter	mm		22	22	22	25	22	15	22	16
Material			Brass	Brass	Brass	Brass	Brass	Brass	Brass	Brass
Thread on the microscope side			M26 × 0.75 mm	M27 × 0.75 mm	M28 × 0.75 mm	M32 × 0.75 mm	M26 × 1/36"	M19 × 0.75 mm	M25 × 0.75 mm	W0.8 × 1/36"
Thread on the objective side			—	—	—	—	—	—	—	—
Overall mass	g		50	50	50	50	50	50	50	50
Compatible positioners			P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S

	Unit		P-725.13M	P-725.14M	P-725.02L	P-725.03L	P-725.04L	P-725.05L	P-725.06L	P-725.08L
Aperture diameter	mm		22	28	22	22	22	25	22	15
Material			Brass	Brass	Brass	Brass	Brass	Brass	Brass	Brass
Thread on the microscope side			1,035"-40 (SM1)	M34 × 1 mm	—	—	—	—	—	—
Thread on the objective side			—	—	M26 × 0.75 mm	M27 × 0.75 mm	M28 × 0.75 mm	M32 × 0.75 mm	M26 × 1/36"	M19 × 0.75 mm
Overall mass	g		50	50	50	50	50	50	50	50
Compatible positioners			P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S

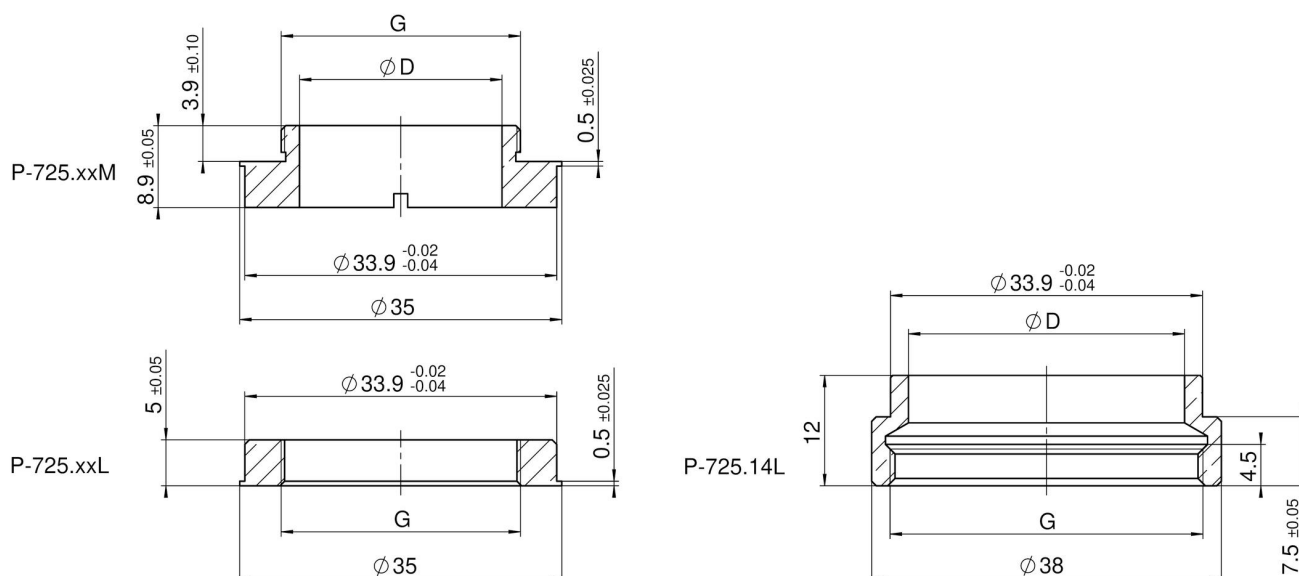
	Unit		P-725.11L	P-725.12L	P-725.13L	P-725.14L	P-725.02S	P-725.03S	P-725.04S	P-725.05S
Aperture diameter	mm		22	16	22	28	22	22	14	28
Material			Brass	Brass	Brass	Brass	Brass	Brass	Brass	Brass
Thread on the microscope side			—	—	—	—	M26 × 0.75 mm	M27 × 0.75 mm	M28 × 0.75 mm	M32 × 0.75 mm
Thread on the objective side			M25 × 0.75 mm	W0.8 × 1/36"	1,035"-40 (SM1)	M34 × 1 mm	M26 × 0.75 mm	M27 × 0.75 mm	M28 × 0.75 mm	M32 × 0.75 mm
Overall mass	g		50	50	50	50	50	50	70	30
Compatible positioners			V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	V-308.753030 P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S

	Unit		P-725.06S	P-725.08S	P-725.11S	P-725.12S	P-725.13S	P-725.14S
Aperture diameter	mm		22	14	18	14	22	28
Material			Brass	Brass	Brass	Brass	Brass	Brass
Thread on the microscope side			M26 × 1/36"	M19 × 0.75 mm	M25 × 0.75 mm	W0.8 × 1/36"	1,035"-40 (SM1)	M34 × 1 mm
Thread on the objective side			M26 × 1/36"	M19 × 0.75 mm	M25 × 0.75 mm	W0.8 × 1/36"	1,035"-40 (SM1)	M34 × 1 mm
Overall mass	g		50	80	60	80	50	30
Compatible positioners			P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S	P-725.1CDE2 P-725.4CDE2 P-725.8CDE2 P-725.1CDE1S P-725.4CDE1S

Drawings / Images

Thread	Microscope Side Thread Adapter		Objective / Lens Side Thread Adapter	Objective Spacer for Correcting the Parfocal Length
	P-725.xxM	ID in mm	P-725.xxL	P-725.xxS
M26 x 0.75	P-725.02M	22	P-725.02L	P-725.02S
M27 x 0.75	P-725.03M	22	P-725.03L	P-725.03S
M28 x 0.75	P-725.04M	22	P-725.04L	P-725.04S
M32 x 0.75	P-725.05M	25	P-725.05L	P-725.05S
M26 x 1/36"	P-725.06M	22	P-725.06L	P-725.06S
M19 x 0.75	P-725.08M	15	P-725.08L	P-725.08S
M25 x 0.75	P-725.11M	22	P-725.11L	P-725.11S
W0.8 x 1/36"	P-725.12M	16	P-725.12L	P-725.12S
SM1 (1.035"-40)	P-725.13M	22	P-725.13L	P-725.13S
M34 x 1	P-725.14M	28	P-725.14L	P-725.14S

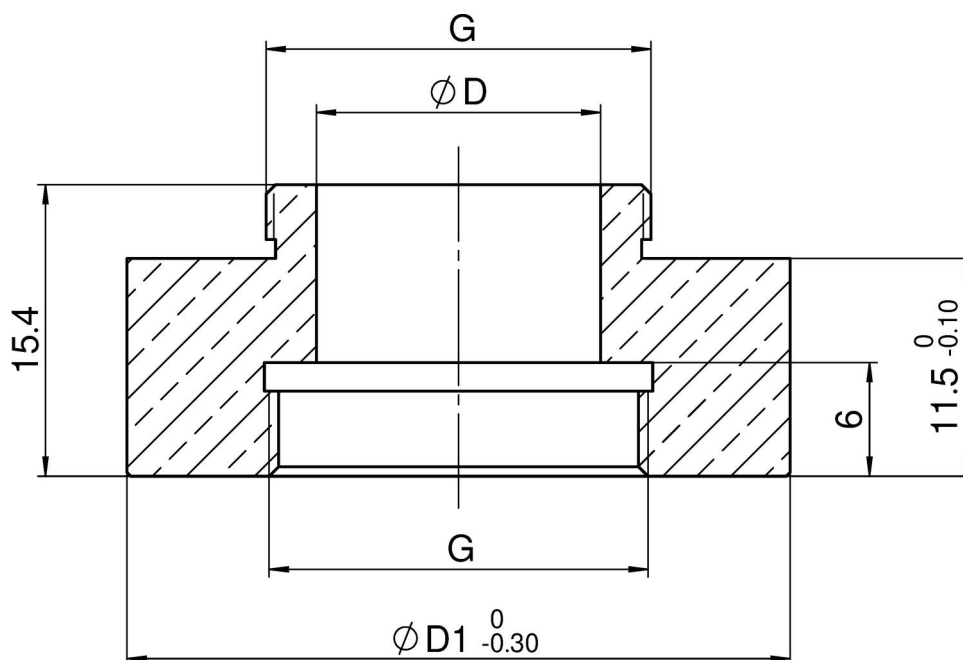
Threaded adapter and spacers for P-725.xCDEx and P-725.xCDE1S



	G	ØD
P-725.02M / P-725.02L	M26x0.75	22
P-725.03M / P-725.03L	M27x0.75	22
P-725.04M / P-725.04L	M28x0.75	22
P-725.05M / P-725.05L	M32x0.75	25
P-725.06M / P-725.06L	M26x1/36"	22
P-725.08M / P-725.08L	M19x0.75	15
P-725.11M / P-725.11L	M25x0.75	22
P-725.12M / P-725.12L	W0.8x1/36"	16
P-725.13M / P-725.13L	SM1 (1.035"-40)	22
P-725.14M / P-725.14L	M34x1	28 / 30

P-725.xxL, P-725.xxM, dimensions in mm

Drawings / Images



	G	D	D1
P-725.02S	M26x0.75	22	35
P-725.03S	M27x0.75	22	35
P-725.04S	M28x0.75	14	35
P-725.05S	M32x0.75	28	35
P-725.06S	M26x1/36"	22	35
P-725.08S	M19x0.75	14	35
P-725.11S	M25x0.75	18	35
P-725.12S	W0.8x1/36"	14	35
P-725.13S	SM1 (1.035"-40)	22	35
P-725.14S	M34x1	28	36

P-725.xxS, dimensions in mm

Drawings / Images



P-725.8CDE2 with P-725.03x thread adapters and P-725.03S spacer inserted between the microscope turret and the objective

Order Information

P-725.02M

Thread adapter for microscope, M26 x 0.75, aperture diameter 22 mm

P-725.03M

Thread adapter for microscope, M27 x 0.75, aperture diameter 22 mm

P-725.04M

Thread adapter for microscope, M28 x 0.75, aperture diameter 22 mm

P-725.05M

Thread adapter for microscope, M32 x 0.75, aperture diameter 25 mm

P-725.06M

Thread adapter for microscope, M26 x 1/36", aperture diameter 22 mm

P-725.08M

Thread adapter for microscope, M19 x 0.75, aperture diameter 15 mm

P-725.11M

Thread adapter for microscope, M25 x 0.75, aperture diameter 22 mm

P-725.12M

Thread adapter for microscope, W0.8 x 1/36", aperture diameter 16 mm

P-725.13M

Thread adapter for microscope, SM1 (1.035"-40), aperture diameter 22 mm

Order Information

P-725.14M

Thread adapter for microscope, M34 x 1, aperture diameter 28 mm

P-725.02L

Thread adapter for objective, M26 x 0.75, aperture diameter 22 mm

P-725.03L

Thread adapter for objective, M27 x 0.75, aperture diameter 22 mm

P-725.04L

Thread adapter for objective, M28 x 0.75, aperture diameter 22 mm

P-725.05L

Thread adapter for objective, M32 x 0.75, aperture diameter 25 mm

P-725.06L

Thread adapter for objective, M26 x 1/36", aperture diameter 22 mm

P-725.08L

Thread adapter for objective, M19 x 0.75, aperture diameter 15 mm

P-725.11L

Thread adapter for objective, M25 x 0.75, aperture diameter 22 mm

P-725.12L

Thread adapter for objective, W0.8 x 1/36", aperture diameter 16 mm

P-725.13L

Thread adapter for objective, SM1 (1.035"-40), aperture diameter 22 mm

P-725.14L

Thread adapter for objective, M34 x 1, aperture diameter 30 mm

P-725.02S

Objective spacer for correcting the parfocal length, 11.5 mm, M26 x 0.75 mm thread

P-725.03S

Objective spacer for correcting the parfocal length, 11.5 mm, M27 x 0.75 mm thread

P-725.04S

Objective spacer for correcting the parfocal length, 11.5 mm, M28 x 0.75 mm thread

P-725.05S

Objective spacer for correcting the parfocal length, 11.5 mm, M32 x 0.75 mm thread

P-725.06S

Objective spacer for correcting the parfocal length, 11.5 mm, M26 x 1/36" thread

Order Information

P-725.08S

Objective spacer for correcting the parfocal length, 11.5 mm, M19 × 0.75 mm thread

P-725.11S

Objective spacer for correcting the parfocal length, 11.5 mm, M25 × 0.75 mm thread

P-725.12S

Objective spacer for correcting the parfocal length, 11.5 mm, W0.8 × 1/36" thread

P-725.13S

Objective spacer for correcting the parfocal length, 11.5 mm, 1.035"-40 (SM1) thread

P-725.14S

Objective spacer for correcting the parfocal length, 11.5 mm, M34 × 1 mm thread