

**STEP 3 - ROTARION CAM Kit
Telescope System Adapters**

GROUP#	TELESCOPE SYSTEM	THREAD	ROTARION SIDE		PART#	DRAWING#	UNITS	ADAPTERS	COMMENTS	ADAPTER'S OPTICAL PATH LENGTHS				
			TO TELESCOPE	TO CARROUSEL						Adapter's total length (including male threads)	Male Threads	Telescope's focal path length used in mm = Adapter's total length - Male threads hidden when assembled with other parts	Rotarion' carrousel has a 1mm available inner cylinder space for Adapter's non-threaded parts	Total telescope's focal path length used in mm
1	TELE VUE IMAGING SYSTEM (IS)	2"9/16 24TPI	YES	-	1.1	060504a	1	M1108 (TVO IS female -to- SC male)	To be mounted instead of already mounted Part#3.10 2" barrel, SC male -to- M48 female (remove barrel locking-screw first), use the M1108 to thread the Rotarion to Tele Vue IS telescopes	14,85	7,5	7,35	N/A	7,35
			-	YES	1.2	060507	2	M1240 (SC male -to- TVO IS male)	Remove the already mounted parts# 4.1 SC male -to- T2 female adapters in Rotarion's carrousel, use M1240 for Tele Vue "Large Field Corrector" or any other Tele Vue "IS" parts and optics in Rotarion carrousel side	20,3	6	14,3	-1	13,3
			-	YES	2.4		2	M48 male -to- SC female	Follow assembly instructions of GROUP #3, to be mounted in part# 3.5 M48 Rotating camera adapter instead of part# 3.6; use it for large camera sensors assemblies	15	5	10	N/A	10
2	SC TELESCOPE SYSTEM	2" 24TPI	YES	-	2.1		1	SC Telescope female (thread in Rotarion's telescope side)	First lose 2" barrel locking-screw, second unscrew and remove the part# 3.10 2" barrel, SC male -to- M48 female	N/A	N/A	N/A	N/A	N/A
			-	YES	2.2		4	SC Telescope female (thread in Rotarion's carrousel)	Remove the already mounted parts# 4.1 SC male -to- T2 female adapters in Rotarion's carrousel	N/A	N/A	N/A	M/A	N/A
			-	YES	2.3	060505	2	SC male -to- SC male	Remove the already mounted parts# 4.1 SC male -to- T2 female adapters in Rotarion's carrousel	12,4	11,4	1	-1	0
			-	YES	2.4		2	M48 male -to- SC female	Follow assembly instructions of GROUP #3, to be mounted in part# 3.5 M48 Rotating camera adapter instead of part# 3.6; use it for large camera sensors assemblies	15	5	10	N/A	10
3	2" SYSTEM with M48 Rotating camera adapters for large camera sensors	M48x0,75mm	YES	-	3.10	060120	1	2" barrel (SC male -to- M48 female)	Already mounted in Rotarion; to be use in any 2" telescope focuser, verify that part# 3.11 2" barrel extender, M48 male -to- M48 female is already mounted	36,9	7,9	29	N/A	29
			YES	-	3.11	060101	1	2" barrel extender (M48 male -to- M48 female)	Already mounted in Rotarion in part# 3.10 2" barrel, SC male -to- M48 female, to be use in any telescope 2" focuser	39	9	30	N/A	30
			-	YES	3.2	100500	2	SC male -to- M48 male	Remove the already mounted parts# 4.1 SC male -to- T2 female adapter in Rotarion's carrousel	11,9	10,9	1	-1	0
			-	YES	3.3		2	M48 female -to- M48 female	To be mounted in parts# 3.2 SC male -to- M48 male	7,5	0	7,5	N/A	7,5
			-	YES	3.4		2	M48 0,5mm ring	Optional, if need it, to align locking screws of parts# 3.5 M48 Rotating camera adapters	0,5	0	0,5	N/A	0,5
			-	YES	3.5		2	M48 Rotating camera adapters	First remove the 3 locking-screws and the inner male part; second thread in parts# 3.3 M48 female -to- M48 female; third align both adapters so 2 of the locking-screws face to the other adapter's 2 locking-screws, fourth, if need for screws alignment, use part# 3.4 M48 0,5mm ring	12	4	8	N/A	8
			-	YES	3.6		2	M48 male -to- M48 male	To be mounted in part# 3.5 M48 Rotating camera adapters, to mount M48 large-sensor cameras	7,5	7,5	0	N/A	0
			-	YES	3.7		2	M48 length 5mm spacers/extenders	Optional, if need it, to be mounted in part# 3.6 M48 male -to- M48 male, to para-focalize focus positions among camera sensors in a two-camera setup	9	4	5	N/A	5
			-	YES	3.8		2	M48 length 10mm spacers/extenders	Optional, if need it, to be mounted in part# 3.6 M48 male -to- M48 male, to para-focalize focus positions among camera sensors in a two-camera setup	13	3	10	N/A	10
4	T2 SYSTEM with M48 Rotating camera adapters and M42 reducers for small camera sensors	M42x0,75mm	-	YES	4.1	100106	4	SC male -to- T2 female	Already mounted in Rotarion's carrousel	7	6	1	-1	0
			-	YES	4.2	190201	2	T2 aluminum caps	To be threaded in already mounted part# 4.1 SC male -to- T2 female adapters in Rotarion carrousel to close unused Rotarion's carrousel positions	5,5	4,5	N/A	N/A	N/A
			-	YES	4.3		2	T2 male -to- T2 male	To be threaded in already mounted part# 4.1 SC male -to- T2 female in Rotarion carrousel	11	11	0	N/A	0
			-	YES	4.4		2	M48 male -to- T2 male	Follow assembly instructions of GROUP #3, to be mounted in part# 3.5 M48 Rotating camera adapter for T2/M42 small-sensor cameras	10	4+4	2	N/A	2