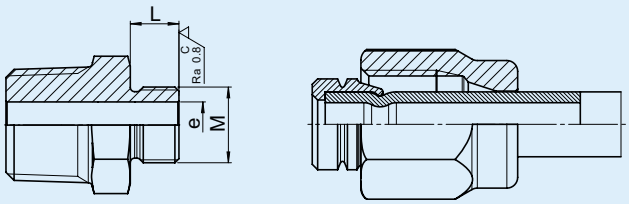
Threaded stem SERTO

Brass M / CV

Nominal size of stem M*		M6x0.75	M8x1	M10x1	M12x1	M14x1	M16x1	M20x1.5	M24x1.5	M28x1.5	M36x2	M42x2
Tube outside ø, main sizes	d [mm]	2	4	6	8	10	12	14	17	22	28	35
	d [mm]	3	5					15	18			
	d [inch]			¼"	5/16"	⅜"						
	(= mm)			(6.35)	(7.94)	(9.52)						
Tube outside ø. reductions	dr [mm]		3	4	6	8	10	12	14	17		
	dr [mm]			5				13	15	18		
	dr [mm]								16	19		
	dr [inch]							½"	5/8"	¾"		
	(= mm)							(12.7)	(15.88)	(19.05)		
Dimensions	ø e [mm]	2.2	3.5	4.5	6.5	8.5	10.5	13.0	15.0	19.0	25.0	31.0
	L [mm]	5.5	8.0	8.0	9.0	9.0	9.0	11.0	11.0	11.0	14.0	16.0

* M = Metric fine thread



Because of the metal/metal seal used in SERTO connections, the end face of the threaded stem must be fine machined, flat, free from chatter marks and square to the thread.

Adaptor stem, male thread
BSP pipe thread and metric fine thread
- DIN 3852
- tapered form C – sealing with sealing agent
- parallel form A – sealing with gasket
- parallel form B – sealing with edge seal

NPT thread
- (American) Standard Pipe Thread, taper according ANSI B1.20.1

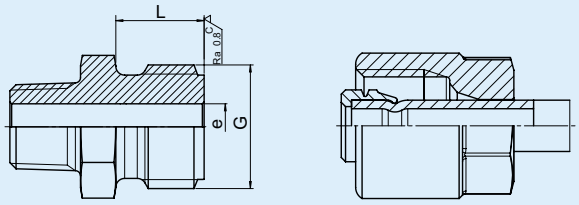
Threaded stem SERTO

Brass G

Tube connections to the SERTO threaded stem

Nominal size of stem G		1/8"	1/4"	3/8"	1/2"
Tube outside ø, main sizes	d [mm]	4	8	10	12
	d [mm]	5			14
	d [mm]	6			15
	d [inch]	1/4"	5/16"	3/8"	1/2"
	(= mm)	(6.35)	(7.94)	(9.52)	(12.7)
Tube outside ø. reductions	d [mm]		6	6[1]	8[2]
	d [mm]			8	10
	d [mm]				12
	d [inch]				5/16"[2]
	d [inch]		1/4"	5/16"	1/2"
	(= mm)		(6.35)	(7.94)	(7.94)
	(= mm)				(12.7)
Dimensions	ø e [mm]	4.0	6.4	8.4	12.0
	L [mm]	10.0	11.0	11.5	14.0

[1] only if e ≤ 6,4-mm
[2] only if e ≤ 8,4-mm
[3] G = BSP Pipe thread (straight)



Because of the metal/metal seal used in SERTO connections, the end face of the threaded stem must be fine machined, flat, free from chatter marks and square to the thread.

Adaptor stem, male thread
BSP pipe thread and metric fine thread
- DIN 3852
- tapered form C – sealing with sealing agent
- parallel form A – sealing with gasket

NPT thread
- (American) Standard Pipe Thread, taper according ANSI B1.20.1

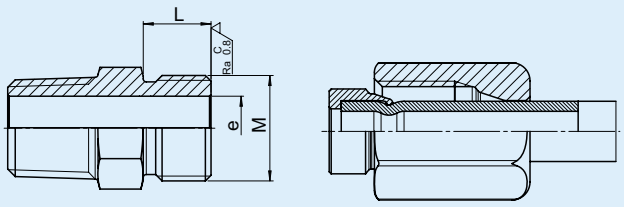
Threaded stem SERTO

Stainless steel

Tube connections to the SERTO threaded stem

Nominal size of stem M*		M6x0.75	M8x1	M10x1	M12x1	M14x1	M16x1	M20x1.5	M24x1.5	M28x1.5	M36x2
Tube outside ø. main sizes	d [mm]	2	4	6	8	10	12	15	18	22	28
	d [mm]	3	5								
	d [inch]			¼″	5⁄16″	⅜″					
	(= mm)			(6.35)	(7.94)	(9.52)					
Tube outside ø. reductions	dr [mm]		3	4	6	8	10	12	15	18	
	dr [mm]			5				13.5	16	21.3	
	dr [mm]							14	17.2		
	dr [inch]	1⁄16″	⅛″					½″	5⁄8″		
	(= mm)	(1.6)	(3.2)					(12.7)	(15.88)		
Dimensions	ø e [mm]	2.2	3.5	4.5	6.5	8.5	10.5	13.0	15.0	19.0	25.0
	L [mm]	5.5	8.0	8.0	9.0	9.0	9.0	11.0	11.0	11.0	14.0

* M = Metric fine thread



Because of the metal/metal seal used in SERTO connections, the end face of the threaded stem must be fine machined, flat, free from chatter marks and square to the thread.

Adaptor stem, male thread
BSP pipe thread and metric fine thread
- DIN 3852
- tapered form C – sealing with sealing agent
- parallel form B – sealing with edge seal

NPT thread
- (American) Standard Pipe Thread, taper according ANSI B1.20.1