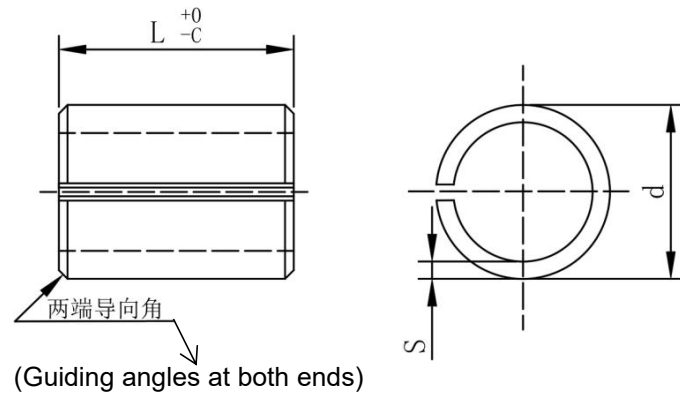
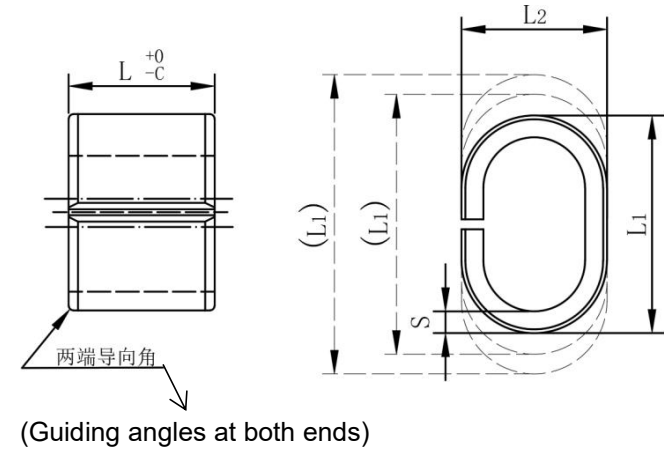


Compression Limiter Product Specifications



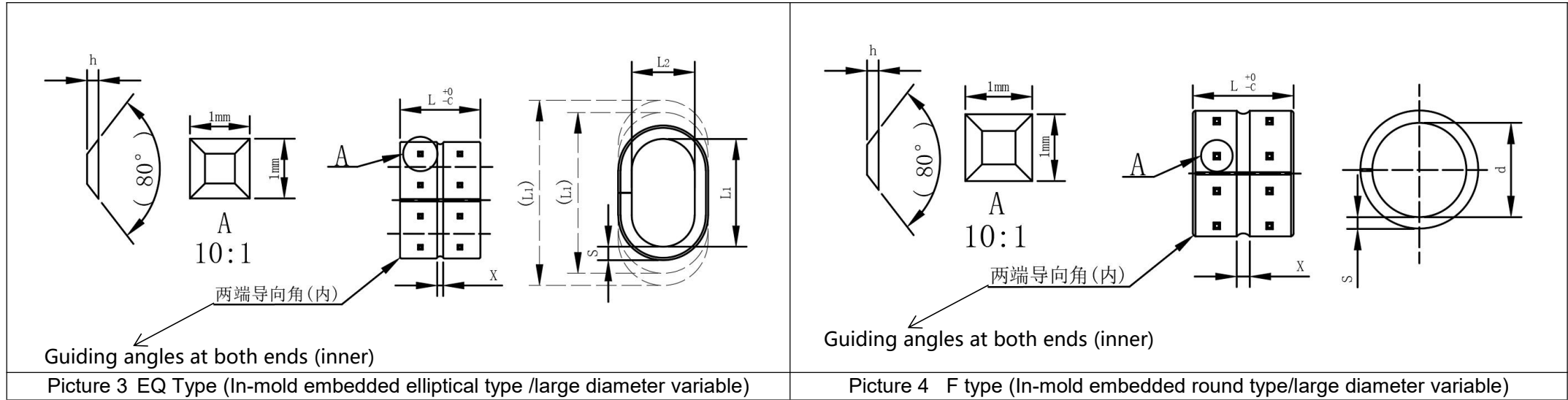
Picture 1 AY Type (Standard Type) BY Type (Precision Type) CY Type (Heavy-Duty Type)



Picture 2 DY Type (Oval Type/large diameter is variable)

Pr es s- Fit T yp e	type	AY type						BY type					CY type		DY type			
	Nominal thread size	M4	M5	M6	M8	M10	M12	M4	M5	M6	M8	M10	M6	M8	M5	M6	M8	M10
	Minimum installation inner diameter	5.0	6.0	7.0	9.0	11.0	13.0	4.5	5.5	6.5	8.5	10.5	6.8	8.8	5.8	6.8	8.8	10.8
	S	0.85 ⁰ _{-0.05}	1.00 ⁰ _{-0.05}	1.10 ⁰ _{-0.05}	1.50 ⁰ _{-0.05}	1.85 ⁰ _{-0.05}	2.25 ⁰ _{-0.05}	0.85 ⁰ _{-0.05}	1.00 ⁰ _{-0.05}	1.10 ⁰ _{-0.05}	1.50 ⁰ _{-0.05}	1.85 ⁰ _{-0.05}	1.50 ⁰ _{-0.05}	2.00 ⁰ _{-0.05}	1.00 ⁰ _{-0.05}	1.10 ⁰ _{-0.05}	1.50 ⁰ _{-0.05}	1.85 ⁰ _{-0.05}
	L tolerance "C"	0.15	0.15	0.15	0.20	0.25	0.25	0.15	0.15	0.15	0.20	0.25	0.15	0.20	0.15	0.15	0.2	0.2
	d	7.17 ^{+0.17}	8.47 ^{+0.17}	9.67 ^{+0.22}	12.52 ^{+0.27}	15.27 ^{+0.32}	18.07 ^{+0.37}	6.65 ^{+0.10}	7.95 ^{+0.18}	9.15 ^{+0.18}	11.90 ^{+0.22}	14.90 ^{+0.25}	10.08 ^{+0.20}	13.30 ^{+0.22} _{-0.05}	-	-	-	-
	★ L1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.30 ^{+0.22}	11.45 ^{+0.25}	14.30 ^{+0.30}	17.00 ^{+0.32}
	L2	-	-	-	-	-	-	-	-	-	-	-	-	-	8.40 ^{+0.20}	9.40 ^{+0.20}	12.25 ^{+0.25}	14.80 ^{+0.27}
	Recommended dimensions for mating holes	Ø	7.00 ^{+0.10}	8.30 ^{+0.10}	9.50 ^{+0.10}	12.35 ^{+0.10}	15.10 ^{+0.10}	17.90 ^{+0.10}	6.50 ^{+0.10}	7.80 ^{+0.10}	9.00 ^{+0.10}	11.75 ^{+0.10}	14.75 ^{+0.10}	10 ±0.05	13.10 ^{+0.10} _{-0.05}	-	-	-
	Recommended length L	L1	-	-	-	-	-	-	-	-	-	-	-	-	10.40 ^{+0.15}	11.55 ^{+0.15}	14.45 ^{+0.15}	17.15 ^{+0.15}
		L2	-	-	-	-	-	-	-	-	-	-	-	-	8.20 ^{+0.10}	9.20 ^{+0.10}	12.05 ^{+0.10}	14.60 ^{+0.10}
		4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		15	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●
		20	●	●	●	●	●	●	-	-	●	●	●	●	-	●	●	●
		25	-	-	-	●	●	●	-	-	●	●	-	●	-	-	●	●
		30	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-	-

★:Four options for L1 with 2mm increments. Example: DY Type M5 L1: 10.30/12.30/14.30/16.30; M10 L1:17.00/19.00/21.00/23.00, tolerance remains unchanged;



In-mold insert type	type		EQ type																type		FQ type						
	Nominal thread size		M5				M6				M8				M10				Nominal thread size		M4	M5	M6	M8	M10		
	S		1.00 ⁰ _{-0.05}				1.10 ⁰ _{-0.05}				1.50 ⁰ _{-0.05}				1.85 ⁰ _{-0.05}				S		1.00 ⁰ _{-0.05}	1.10 ⁰ _{-0.05}	1.50 ⁰ _{-0.05}	1.85 ⁰ _{-0.05}	2.00 ⁰ _{-0.05}		
	L tolerance "C"		0.15				0.15				0.20				0.20				L tolerance "C"		0.15	0.15	0.15	0.20	0.20		
	d		-				-				-				-				d		5.0 ^{+0.10}	6.0 ^{+0.10}	7.0 ^{+0.10}	9.0 ^{+0.10}	11.0 ^{+0.10}		
	Note 1: The external profile	slot X	0.3*R1.2				0.3*R1.2				0.3*R1.2				0.3*R1.2				Note 1: The external profile	slot X	0.3*R1.2	0.3*R1.2	0.3*R1.2	0.3*R1.2	0.3*R1.2		
		dot	1.0*1.0				1.0*1.0				1.0*1.0				1.0*1.0					dot	Square shape	1.0*1.0	1.0*1.0	1.0*1.0	1.0*1.0	1.0*1.0	
		Depth h	0.4±0.1				0.4±0.1				0.4±0.1				0.4±0.1					Depth h	0.4±0.1	0.4±0.1	0.4±0.1	0.4±0.1	0.4±0.1		
	L1		8.4	10.1	12.4	14.4	9.4	11.4	13.4	15.4	11.45	13.45	15.45	17.45	14.7	16.7	18.7	20.7	L1		-	-	-	-	-		
	L2		6.20 ^{+0.10}				7.20 ^{+0.10}				9.25 ^{+0.10}				11.10 ^{+0.10}				L2		-	-	-	-	-		
Note 2: Recommended length L	4	○				○				○				○				Note 2: Recommended length L	4	○		○		○		○	
	5	○				○				○				○					5	○		○		○			
	6	○				○				○				○					6	○		○		○			
	8	●				●				●				●					8	●		●		●			
	10	●				●				●				●					10	●		●		●			
	12	-				●				●				●					12	●		●		●			
	15	-				-				●				●					15	-		●		●			
	20	-				-				-				▲					20	-		-		▲			
	25	-				-				-				▲					25	-		-		▲			
30	-				-				-				-				30	-		-		▲					

Note 1: The external profile is designed by the supplier to ensure the required press-out force after final assembly; the specific feature (dot/slot) is not a criterion for acceptance.

Note 2: ○: Single-row dotting; ●: Single-slot, double-row dotting; ▲: double-slot, three-row dotting.