



ZSD applicable inserts

-EM

Type	Basic dimension(mm)				CVD grade				PVD grade			
	ØI.C	s	Ød	r	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)
SPMX040203-EM	4.0	2.38	2.2	0.3	★	●	●	★	★	●	●	★
SPMX050204-EM	5.0	2.38	2.2	0.4	★	●	●	★	★	●	●	★
SPMX060204-EM	6.0	2.38	2.5	0.4	★	●	●	★	★	●	●	★
SPMX07T308-EM	7.94	3.97	2.8	0.8	★	●	●	★	★	●	●	★
SPMX090408-EM	9.8	4.3	4.1	0.8	★	●	●	★	★	●	●	★
SPMX110408-EM	11.5	4.76	4.4	0.8	★	●	●	★	★	●	●	★
SPMX140512-EM	14.3	5.2	5.5	1.2	★	●	●	★	★	●	●	★

★ Recommended grade (always stock available)
 ● Available grade (always stock available)
 ○ Make-to-order

-LM

Type	Basic dimension(mm)				CVD grade				PVD grade			
	ØI.C	s	Ød	r	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)
SPMX040203-LM	4.0	2.38	2.2	0.3	★	●	●	★	★	●	●	★
SPMX050204-LM	5.0	2.38	2.2	0.4	★	●	●	★	★	●	●	★
SPMX060204-LM	6.0	2.38	2.5	0.4	★	●	●	★	★	●	●	★
SPMX07T308-LM	7.94	3.97	2.8	0.8	★	●	●	★	★	●	●	★
SPMX090408-LM	9.8	4.3	4.1	0.8	★	●	●	★	★	●	●	★
SPMX110408-LM	11.5	4.76	4.4	0.8	★	●	●	★	★	●	●	★
SPMX140512-LM	14.3	5.2	5.5	1.2	★	●	●	★	★	●	●	★

★ Recommended grade (always stock available)
 ● Available grade (always stock available)
 ○ Make-to-order

-XM

Type	Basic dimension(mm)				CVD grade				PVD grade			
	ØI.C	s	Ød	r	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)
SPMX040203-XM	4.0	2.38	2.2	0.3	★	●	●	★	★	●	●	★
SPMX050204-XM	5.0	2.38	2.2	0.4	★	●	●	★	★	●	●	★
SPMX060204-XM	6.0	2.38	2.5	0.4	★	●	●	★	★	●	●	★
SPMX07T308-XM	7.94	3.97	2.8	0.8	★	●	●	★	★	●	●	★
SPMX090408-XM	9.8	4.3	4.1	0.8	★	●	●	★	★	●	●	★
SPMX110408-XM	11.5	4.76	4.4	0.8	★	●	●	★	★	●	●	★
SPMX140512-XM	14.3	5.2	5.5	1.2	★	●	●	★	★	●	●	★

★ Recommended grade (always stock available)
 ● Available grade (always stock available)
 ○ Make-to-order

-XR

Type	Basic dimension(mm)				CVD grade				PVD grade			
	ØI.C	s	Ød	r	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)	YB6338 (Peripheral edge)	YB9315 (Inner/peripheral edge)	YBS203 (Inner/peripheral edge)	YB9320 (Inner/peripheral edge)
SPMX040203-XR	4.0	2.38	2.2	0.3	★	●	●	★	★	●	●	★
SPMX050204-XR	5.0	2.38	2.2	0.4	★	●	●	★	★	●	●	★
SPMX060204-XR	6.0	2.38	2.5	0.4	★	●	●	★	★	●	●	★
SPMX07T308-XR	7.94	3.97	2.8	0.8	★	●	●	★	★	●	●	★
SPMX090408-XR	9.8	4.3	4.1	0.8	★	●	●	★	★	●	●	★
SPMX110408-XR	11.5	4.76	4.4	0.8	★	●	●	★	★	●	●	★
SPMX140512-XR	14.3	5.2	5.5	1.2	★	●	●	★	★	●	●	★

★ Recommended grade (always stock available)
 ● Available grade (always stock available)
 ○ Make-to-order