

■ List of Synthetic Quartz Crystal Specifications

● As-Grown Synthetic Quartz Crystal

Form	Application *	Stock Number	X size (mm)	Z size (mm)	Y size (mm)	Direction (θ)	Seed x size (mm)	α_{3585}	Infrared Q value	Remarks
Z plate	AT	AZA21C	49.0 to 62.0	20.5 to 27.5	From 200	0°00'	41.0 to 42.0	Max. 0.069	Min. 1.8 million	
Z plate	AT	AZA21E	97.0 to 112.0	20.5 to 27.5	From 200	0°00'	89.0 to 90.0	Max. 0.069	Min. 1.8 million	
Z plate	WW	AZW30B	55.0 to 70.0	30.0 to 60.0	From 230	1°30'	43.0 to 44.0	Max. 0.069	Min. 1.8 million	Photolithographic processing available
Z plate	WW	AZW30C	45.0 to 60.0	30.0 to 60.0	From 230	1°30'	33.0 to 34.0	Max. 0.069	Min. 1.8 million	Photolithographic processing available
Z plate	WW	AZW40E	80.0 to 92.0	40.0 to 60.0	From 180	1°30'	68.0 to 69.0	Max. 0.069	Min. 1.8 million	Photolithographic processing available
Z plate	SAW	AZT60A	From 80.0	From 60.0	From 210	0°00'	77.0 to 78.0	Max. 0.069	Min. 1.8 million	
Z plate	SAW	AZT80A	From 120.0	From 80.0	From 240	0°00'	103.0 to 104.0	Max. 0.069	Min. 1.8 million	

* AT → AT-cut, WW → Wrist Watch

* Synthetic quartz crystals with specifications other than the above dimensions and angles can be manufactured upon request.

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Z plate

