



QCG, PQC & QW Wedge

Features

- Circular, lead metaniobate crystal
- High damped for wide bandwidth (PQC)
- Medium damped for medium bandwidth (QCG)
- Screw thread for quick change, use with threaded QW wedges
- Circular composite crystal (PQC)

Wedge Features

- Threaded quick change wedge for use with QCG and PQC transducers
- Wedge beam shear wave contact probe
- Circular, lead zirconate titanate crystal
- Damped with bandwidth
- Axial and circumferential ID or OD profiling available

Frequent Applications

- Aerospace
- Castings & Forgings
- Critical Welds
- Machined Parts
- White Metal

Transducer Models

Product Code	Description	Frequency (MHz)	Crystal Diameter (inches)
QCG (Resolution)			
QCG2525	2.25MHz 1/4" QuickChange	2.25	1/4
QCG3725	2.25MHz 3/8" QuickChange	2.25	3/8
QCG5025	2.25MHz 1/2" QuickChange	2.25	1/2
QCG2550	5MHz 1/4" QuickChange	5	1/4
QCG3750	5MHz 3/8" QuickChange	5	3/8
QCG5050	5MHz 1/2" QuickChange	5	1/2
QCG2510	10MHz 1/4" QuickChange	10	1/4
QCG3710	10MHz 3/8" QuickChange	10	3/8
QCG5010	10MHz 1/2" QuickChange	10	1/2
PQC (Platinum)			
PQC2525	2.25MHz 1/4" QuickChange	2.25	1/4
PQC3725	2.25MHz 3/8" QuickChange	2.25	3/8
PQC5025	2.25MHz 1/2" QuickChange	2.25	1/2
PQC2550	5MHz 1/4" QuickChange	5	1/4
PQC3750	5MHz 3/8" QuickChange	5	3/8
PQC5050	5MHz 1/2" QuickChange	5	1/2
PQC2510	10MHz 1/4" QuickChange	10	1/4
PQC3710	10MHz 3/8" QuickChange	10	3/8
PQC5010	10MHz 1/2" QuickChange	10	1/2

Wedge Models

Product Code	Description	Wedge Dimensions				
		θ (°)	∅ (")	A (")	B (")	C (")
QW2545	45° wedge for 1/4" QC Probe	45	1/4	0.5	0.8	0.4
QW2560	60° wedge for 1/4" QC Probe	60	1/4	0.5	0.9	0.5
QW2570	70° wedge for 1/4" QC Probe	70	1/4	0.5	0.98	0.5
QW3745	45° wedge for 3/8" QC Probe	45	3/8	0.6	1	0.5
QW3760	60° wedge for 3/8" QC Probe	60	3/8	0.6	1.1	0.6
QW3770	70° wedge for 3/8" QC Probe	70	3/8	0.6	1.2	0.61
QW5045	45° wedge for 1/2" QC Probe	45	1/2	0.9	1.1	0.6
QW5060	60° wedge for 1/2" QC Probe	60	1/2	0.9	1.3	0.7
QW5070	70° wedge for 1/2" QC Probe	70	1/2	0.87	1.46	0.73
QW2545RL	45° wedge for 1/4" QC Probe	45	1/4	0.5	0.8	0.4
QW2560RL	60° wedge for 1/4" QC Probe	60	1/4	0.5	0.9	0.5
QW2570RL	70° wedge for 1/4" QC Probe	70	1/4	0.5	0.98	0.5
QW3745RL	45° wedge for 3/8" QC Probe	45	3/8	0.6	1	0.5
QW3760RL	60° wedge for 3/8" QC Probe	60	3/8	0.6	1.1	0.6
QW3770RL	70° wedge for 3/8" QC Probe	70	3/8	0.6	1.2	0.61
QW5045RL	45° wedge for 1/2" QC Probe	45	1/2	0.9	1.1	0.6
QW5060RL	60° wedge for 1/2" QC Probe	60	1/2	0.9	1.3	0.7
QW5070RL	70° wedge for 1/2" QC Probe	70	1/2	0.87	1.46	0.73

Size Options			Connector	
Probe Size	Case Dimensions		Type	Position
∅ (inches)	L (inches)	∅ (inches)	Microdot (D)	Top
1/4	13	19	x	x
3/8	14	19	x	x
1/2	17	19	x	x