

2-PIEZO LAYER BENDING MOTORS HIGH STRENGTH - STAINLESS STEEL REINFORCED

DESCRIPTION

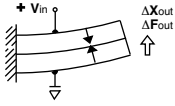
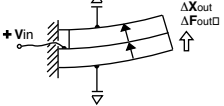
High strength piezo transducers, fabricated using stainless steel shim reinforcement, provide ~ 25% greater strength than standard brass shim elements.

Performance: Similar to standard brass shim elements of similar size and thickness. Suitable for cryogenic and vacuum use.
Custom configurations, sizes, and mounting options available. Maximum size: 2.65" (67.3mm) long x 2.65" (67.3mm) wide.

ROHS: Compliant.

PERFORMANCE: HIGH STRENGTH BENDING MOTORS (Cantilever Mount)

VALUES TO BE USED AS GUIDELINES

PART NUMBERS: HIGH STRENGTH BENDERS		WEIGHT (Grams)	STIFFNESS (N/m)	CAPACITANCE (nF)		RATED VOLTAGE (Vp)		RESONANT FREQUENCY ① (Hz)	FREE DEFLECTION ① (µm)	BLOCKED FORCE ① (N)
				(Series Operation)	(Parallel Operation)	(Series Operation)	(Parallel Operation)			
.015" (.38mm) THICK										
T215-A4SS-103X	T215-A4SS-103Y	.30	1.3x10 ²	5	20	± 120	± 60	270	± 300	± .04
T215-A4SS-203X	T215-A4SS-203Y	.60	2.7x10 ²	10	40	± 120	± 60	270	± 300	± .08
T215-A4SS-303X	T215-A4SS-303Y	1.2	5.3x10 ³	20	80	± 120	± 60	270	± 300	± .16
T215-A4SS-503X	T215-A4SS-503Y	6.0	1.6x10 ²	100	400	± 120	± 60	67	± 1200	± .20
.020" (.51mm) THICK										
T220-A4SS-103X	T220-A4SS-103Y	.40	2.8x10 ²	3.5	14	± 180	± 90	360	± 250	± .07
T220-A4SS-203X	T220-A4SS-203Y	.80	5.6x10 ²	7	29	± 180	± 90	360	± 250	± .14
T220-A4SS-303X	T220-A4SS-303Y	1.6	1.1x10 ³	15	58	± 180	± 90	360	± 250	± .28
T220-A4SS-503X	T220-A4SS-503Y	8.0	3.5x10 ²	73	292	± 180	± 90	90	± 1000	± .35
.026" (.66mm) THICK										
T226-A4SS-103X	T226--A4SS-103Y	.51	0.7x10 ³	2.5	10	± 250	± 125	440	± 175	± .13
T226-A4SS-203X	T226--A4SS-203Y	1.1	1.5x10 ³	5	20	± 250	± 125	440	± 175	± .25
T226-A4SS-303X	T226--A4SS-303Y	2.1	3.0x10 ³	10	40	± 250	± 125	440	± 175	± .50
T226-A4SS-503X	T226--A4SS-503Y	10.3	0.9x10 ³	50	200	± 250	± 125	110	± 700	± .62

PRICE & ORDERING INFORMATION

1 pc 5 25 100

	X-POLED	Y-POLED	UNIT PRICE			
High Strength Bender, .015" T, -103 size	T215-A4SS-103X	T215-A4SS-103Y	\$90	\$40	\$22	\$15
High Strength Bender, .015" T, -203 size	T215-A4SS-203X	T215-A4SS-203Y	\$100	\$60	\$30	\$18
High Strength Bender, .015" T, -303 size	T215-A4SS-303X	T215-A4SS-303Y	\$110	\$75	\$35	\$27
High Strength Bender, .015" T, -303 size	T215-A4SS-503X	T215-A4SS-503Y	\$175	\$125	\$90	\$80
High Strength Bender, .020" T, -103 size	T220-A4SS-103X	T220-A4SS-103Y	\$90	\$35	\$18	\$11
High Strength Bender, .020" T, -203 size	T220-A4SS-203X	T220-A4SS-203Y	\$100	\$50	\$25	\$15
High Strength Bender, .020" T, -303 size	T220-A4SS-303X	T220-A4SS-303Y	\$110	\$60	\$30	\$22
High Strength Bender, .020" T, -303 size	T220-A4SS-503X	T220-A4SS-503Y	\$150	\$110	\$85	\$75
High Strength Bender, .026" T, -103 size	T226-A4SS-103X	T226-A4SS-103Y	\$90	\$40	\$22	\$15
High Strength Bender, .026" T, -203 size	T226-A4SS-203X	T226-A4SS-203Y	\$100	\$60	\$30	\$18
High Strength Bender, .026" T, -303 size	T226-A4SS-303X	T226-A4SS-303Y	\$110	\$75	\$35	\$27
High Strength Bender, .026" T, -303 size	T226-A4SS-503X	T226-A4SS-503Y	\$175	\$125	\$90	\$80