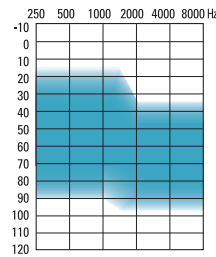


Element™ 8 Custom

AutoMic

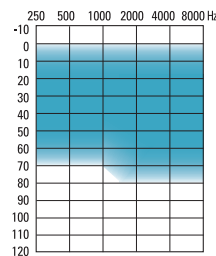
8 Channels, 8 Bands, Adaptive Directionality



Fitting Guide



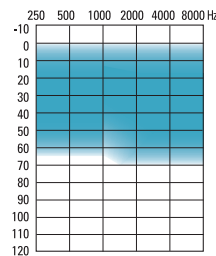
122/60
Full Shell Power



Fitting Guide



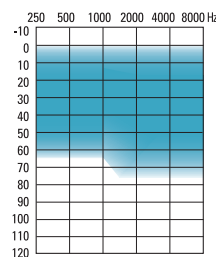
115/50
Full Shell



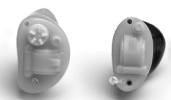
Fitting Guide



113/48
Half Shell / Canal



Fitting Guide



112/40
Mini Canal / CIC

Element 8 Custom is suitable for fitting mild to severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

Element 8 Custom

ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA	
	CIC/ Mini Canal	Canal/ Half Shell	Full Shell	Full Shell Power		CIC/ Mini Canal	Canal/ Half Shell	Full Shell	Full Shell Power		CIC/ Mini Canal	Canal/ Half Shell	Full Shell	Full Shell Power	
OSPL90 Maximum HFA at 1.6 kHz	112 dB	113 dB	115 dB	122 dB		122 dB	123 dB	125 dB	131 dB	OSPL90 Maximum Output at 1.6 kHz	122 dB	123 dB	125 dB	131 dB	
	108 dB	109 dB	110 dB	119 dB		114 dB	115 dB	116 dB	130 dB						
106 dB	107 dB	108 dB	121 dB												
Full on Gain (input 50 dB) Maximum HFA at 1.6 kHz	40 dB	48 dB	50 dB	60 dB		51 dB	58 dB	60 dB	70 dB	Full on Gain (input 50 dB) Maximum at 1.6 kHz	51 dB	58 dB	60 dB	70 dB	
	33 dB	41 dB	42 dB	53 dB		40 dB	49 dB	50 dB	64 dB						
32 dB	40 dB	40 dB	56 dB												
Basic Frequency Response (based on full shell 118/50) Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200- 7000	200- 7100	200- 6500	200- 5600		200- 7600	200- 8000	200- 7100	200- 5300	Basic Frequency Response (based on full shell 118/50) Frequency Range in Hz (DIN) Reference Test Gain	200- 7600	200- 8000	200- 7100	200- 5300	
	31 dB	32 dB	33 dB	42 dB		33 dB	39 dB	40 dB	54 dB						
Induction Coil Sensitivity (ANSI 1996, 31.6 mA/m) (based on full shell 118/50) HFA SPLITS STS	91 dB 0 dB	92 dB 0 dB	94 dB 1 dB	102 dB 0 dB		80 dB 70 dB	89 dB 79 dB	90 dB 80 dB	100 dB 96 dB	Induction Coil Sensitivity (1 mA/m) (based on full shell 118/50) Maximum at 1.6 kHz	80 dB 70 dB	89 dB 79 dB	90 dB 80 dB	100 dB 96 dB	
Current Drain at RTG	1.0 mA	1.1 mA	1.1 mA	1.1 mA		1.0 mA	1.0 mA	1.0 mA	1.1 mA	Current Drain at RTG Battery Size Typical Battery Life Equivalent Input Noise at RTG Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IIRL Low/High band dB SPL	1.0 mA	1.0 mA	1.0 mA	1.1 mA	
Battery Size	10A	312	13	13		10A	312	13	13						
Typical Battery Life	90 h	135 h	260 h	260 h	90 h	150 h	290 h	260 h							
Equivalent Input Noise at RTG	22 dB	22 dB	22 dB	22 dB	21 dB	21 dB	21 dB	21 dB							
Total Harmonic Distortion	1.0%	1.5%	1.0%	1.0%	1.5%	1.5%	1.0%	1.5%							
at 500 Hz	0.5%	1.5%	0.5%	0.5%	1.0%	1.5%	0.5%	1.0%							
at 800 Hz	0.5%	1.5%	0.5%	0.5%	1.0%	1.5%	0.5%	1.0%							
at 1600 Hz	0.5%	1.5%	0.5%	0.5%	1.0%	1.5%	0.5%	1.0%							
EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode	37/38	38/38	36/40	38/38	37/38	38/38	36/40	38/38							
IIRL Low/High band dB SPL															

We reserve the right to change specification data without notice as improvements are introduced.

