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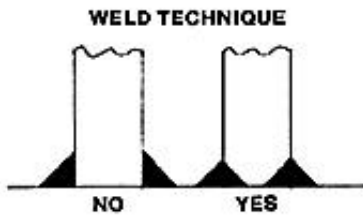
## Electrodynamic Shaker Peripheral Equipment

### Head Expander

- Magnesium or aluminum
- Weldment or casting
- Square, round or rectangular top
- Custom/standard designs
- Match any vibration exciter

#### Options

1. Damping treatment
2. Corrosion protection
3. Thermal Isolation
4. Shaker Guidance/Flexture
5. Test specimen hole pattern with insert

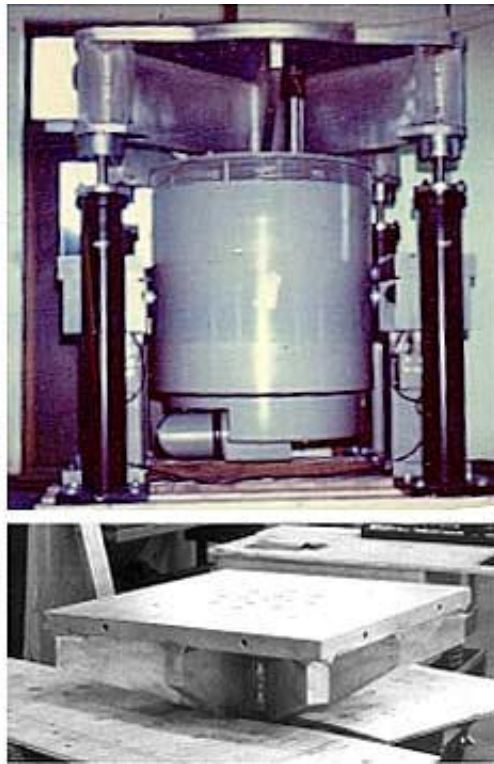


Large-looking welds do not necessarily make the best joint on a welded fixture. It is M/RAD's standard practice to notch the material before welding to insure maximum weld penetration and to eliminate the crack between welds. This technique provides maximum end fixity for the joint, and, hence, higher resonant frequencies.

### HEAD EXPANDER/ SLIP PLATE COMPARISON

WORK SURFACE TABLE SIZE†	HEAD EXPANDER (Vertical)			SLIP PLATE (Horizontal)		
	TABLE WEIGHT LBS	TABLE THICKNESS IN	FIRST* RESONANCE Hz	TABLE WEIGHT LBS	TABLE THICKNESS IN	FIRST* RESONANCE Hz
20 in. x 20 in.	94	8.0	1800	36	1.0	2250
24 in. x 24 in.	135	8.5	1400	48	1.0	1970
28 in. x 28 in.	184	8.5	1200	63	1.0	1760
30 in. x 30 in.	223	10.0	1000	90	1.25	1500
36 in. x 36 in.	290	10.0	800	125	1.25	1300
40 in. x 40 in.	409	13.5	550	188	1.5	1120
48 in. x 48 in.	600	13.5	450	265	1.5	940
48 in. x 60 in.	870	15.0	350	312	2.0	710
48 in. x 72 in.	1045	15.0	300	490	2.0	600
48 in. x 96 in.	1400	15.0	200	640	2.0	470
60 in. x 60 in.	1080	15.0	300	519	2.0	710
72 in. x 96 in.	2100	15.0	200	955	2.0	470

\* Estimated  
 † Other sizes  
 available



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