Head Expander & Slip Table

Features

Head Expander

- Tailored head expanders for varying specimen sizes and operating frequencies.
- Optional aluminum/magnesium alloy construction for enhanced stiffness and performance.
- Choice between welded and integral types, both offering excellent vibration damping and reduced resonance at high frequencies.

Slip Table

- Supports horizontal motion transmission for test pieces.
- Customizable options include low, medium, and high-pressure models.
- Strong transmission rigidity with inclined hole connection method.

Head Expander

When the dimensions of the specimen surpassthe surfacearea of the shaker armature, head expanders become necessary. The choice of head expander depends on both the specimen's size and the upper operating frequency. Additional models beyond those listed are accessible to accommodate specific customer needs. Optional materials include aluminum/magnesium alloy, renowned for its robustness and superior performance. Customers may also choose between welded and integral types, both offering commendable vibration damping and a reduced resonance rate, particularly at higher frequencies.

Slip Table

The slip table, an essential component of the vibration shaker, transmits motion horizontally to the test piece or supports larger specimens during horizontal vibration tests. Selection depends on specimen size, load, and testing conditions, with customization options available such as low, medium, and high-pressure models, as well as standalone, combo type, and dual-slip table configurations. The slip table offers robust rigidity, easy installation, and adjustment, connecting to the armature via an inclined hole connection method. Additionally, it features specially designed key groove thread inserts for strength and reliability.

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