



## Design Worksheet for Mass Flow Cone Screws

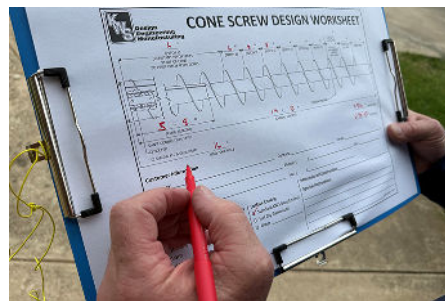
### Question

Several screw feeders in my plant have a cone-shaped center pipe with flighting welded to it. The screws are getting worn out and I need to find replacements. What information do I need to gather so I can get an exact replacement?

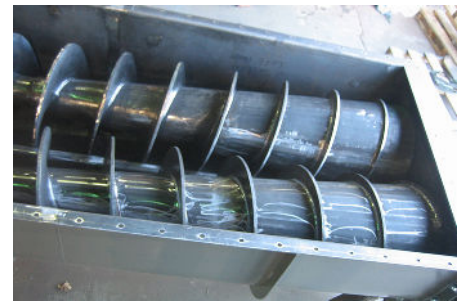
### Answer

Cone or mass-flow screws are used in screw feeders to accurately meter bulk materials while promoting first-in, first-out flow and eliminating bridging and ratholing. Mass-flow screws are unique, and dimensions and tolerances are very important for proper operation. The KWS Cone Screw Design Worksheet is easy-to-use for documenting critical information and dimensions.

All our resources are available at [www.kwsmfg.com/forms-and-downloads/](http://www.kwsmfg.com/forms-and-downloads/). The KWS Cone Screw Design Worksheet is specifically structured to document the key data required for a replacement mass-flow screw. Hopper outlet dimensions, overall screw geometry including cone length and pitch progression, shaft and pipe sizes, connection details, and finish requirements are some of the data needed to help KWS provide an accurate replacement.



KWS Cone Screw Design Worksheet 1 – Cone or Mass-Flow Screws Accurately Meter Bulk Materials



KWS Cone Screw Design Worksheet is Easy to Use and Available Online



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