

F12 Products and Solutions for Slipper Pads

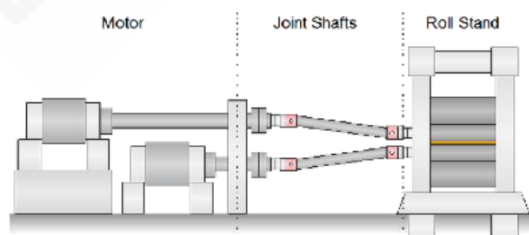
Protube Engineering supplies a range of slipper pads for metal shredders, rolling mills and hydro plants.



WHAT IS A SLIPPER PAD?

A Slipper Pad is a mechanical component for transmitting torque and rotation, usually used to connect other components of a drive train that cannot be connected directly because of distance or the need to allow for relative movement between them. It can also accommodate a varying shaft angel.

Usually produced in high-resistance material which gives the material a greater homogeneity, bronze slippers are recommended for use in equipment that makes power transmission between the motor and the large rolling mill, common in the Hot & Cold Rolling Mill, Tube Mill, Textile Mill, Paper Mill Cement Industries, Mining Industries, Auto Sector, Agriculture Industry, Hydro plants Etc.



WHAT TYPE OF MATERIAL IS USED?

C86200 (Manganese Brass) and CW307G (Nickel Al. Bronz) are our regular materials for slipper pad applications. Their properties are shown below.

Nickel Al. Bronzes are one of the most popular alloys for wear applications across Europe. The forging step of alloy CW307G provides longer life cycle on slipper pad applications.

Property	C86200	CW307G
Tensile Strength (min):	621 Mpa	680 Mpa
Yield Strength (min):	310 Mpa	320 Mpa
Elongation (min):	18%	10%
Hardness (min):	180	180

