



# VITRIFIED BONDED ABRASIVE STONES

## for pulse milling application

Sterling's DAL MASTER stones are made using specially processed superior quality abrasive grain & high performance ceramic bond system under controlled condition that helps to give better performance. Sterling can fine tune stone quality depending upon type of pulses & no of passes. Sterling stones are available in regular (DAL MASTER) as well as Premium quality (DAL MASTER EXTRA LONG LIFE).

### Dal Master Recommendation

Toor Dal	20 to 20 Grit
Mung Dal	24 to 36 Grit
Urad Dal	24 to 40 Grit
Chana Dal	14 to 20 Grit
Masoor Dal	36 to 54 Grit

## VITRIFIED DAL STONE

Sterling stones are precisely balanced on dynamic balancing machine which helps in vibration free running. Our dal master stones are held together by specially deigned metal flanges. Stones can be easily fitted on existing conventional design of dal master machinery. Stones are dressed on CNC lathe machines which give accurate stone dimension. Sterling can also manufacture stone as per customer requirement.

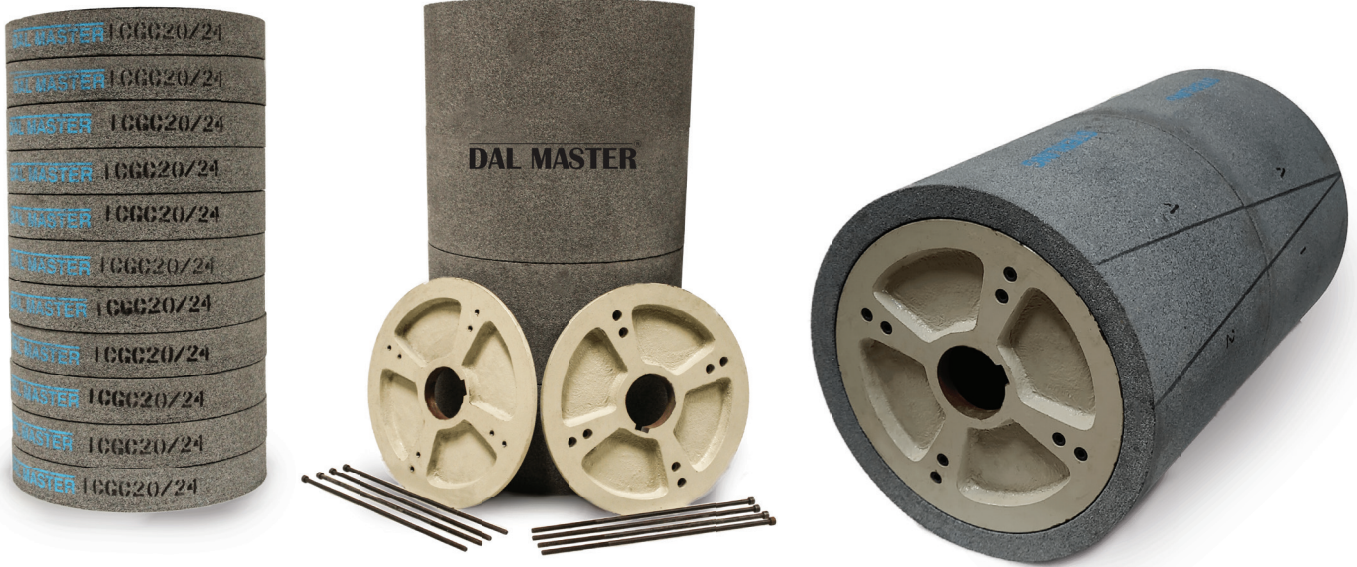
## ADVANTAGES

- Pearl removing process becomes faster.
- Protein % in pulse is higher with sterling stone than conventional stone.
- Life of sterling stone will be at least 3 to 4 times higher than conventional stone life.
- Saving in pulse breakage.
- Saving in Electricity cost.
- No self life of vitrified bonded stone

**DAL MASTER<sup>®</sup> EXTRA LONG LIFE**

# MODERN DAL ROLLERS

Sterling supplies bigger dia stones (18"x30" & 18"x33") on regular basis to reputed machine manufacturers which gives higher output. Regular design stones are used in multiple pcs (10, 11 & 12 pcs). Sterling has developed unique design of stones (2, 3 & 4 pcs) per set to minimise multiple pcs of stones & metal flanges.



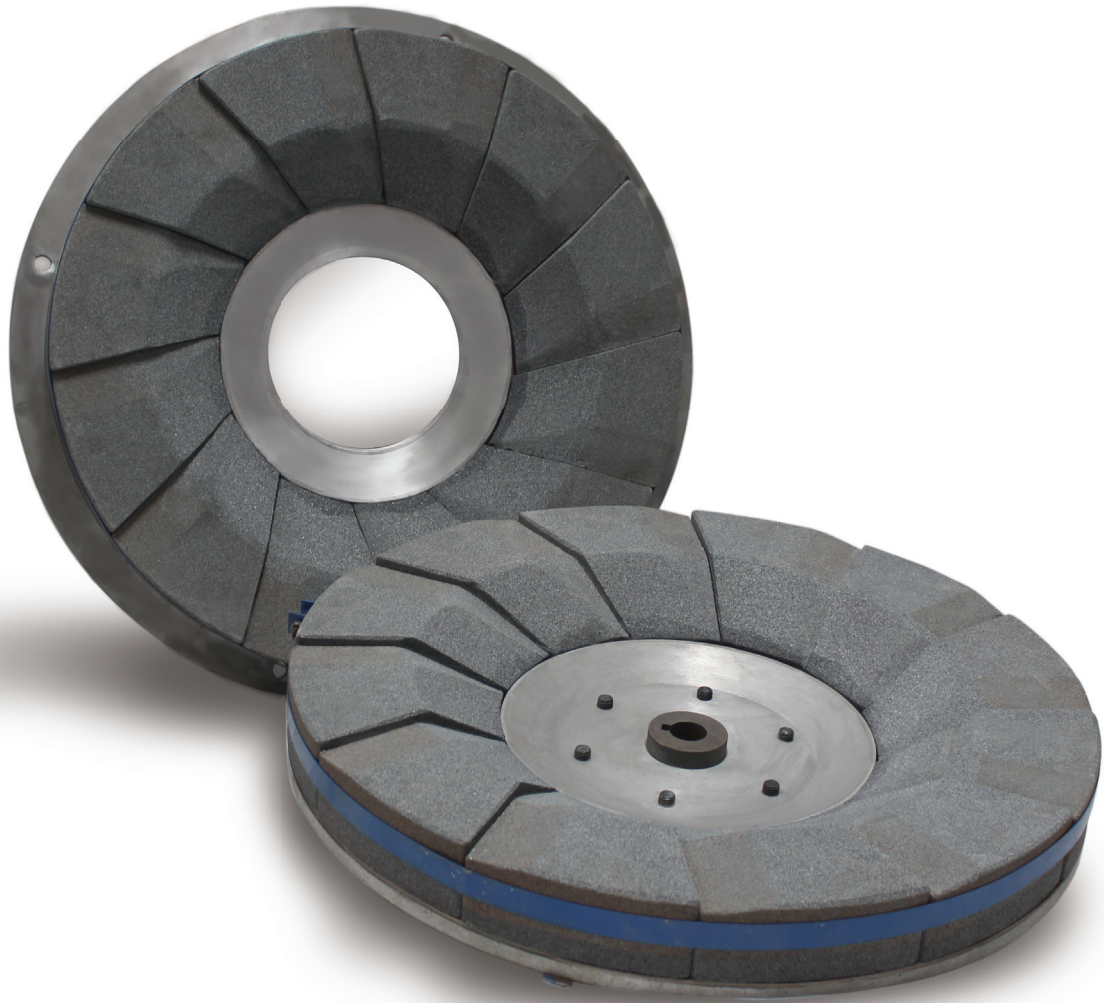
# CONVENTIONAL DAL ROLLERS

Sterling has developed Vitrified bonded Stone for conventional dal polishing machines. Stones are supplied with special design of metal flanges for fitting on existing conventional machines. Common sizes of conventional rollers are as under

## Common Sizes

a) 14" X 33"	d) 12" x 33"
b) 12" x 30"	e) 15"/12" x 30"
c) 14" x 30"	f) 16" x 33"





## VITRIFIED DAL SPLITTING STONE

Dal splitting stones are mainly used on 18" and 24" chakki machines. Dal splitting stones are used on the last pass to split dal in two parts. It is mainly used for Chana dal, Mung dal, Masoor dal and Urad dal. Life of Sterling's Vitrified bonded dal splitting stones is approx 4 times higher than local stone. It equally splits pulse into two parts. Also powder formation will be less compared to local stones.



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