

Tuff Alloy Steel

VIBO
WEAR



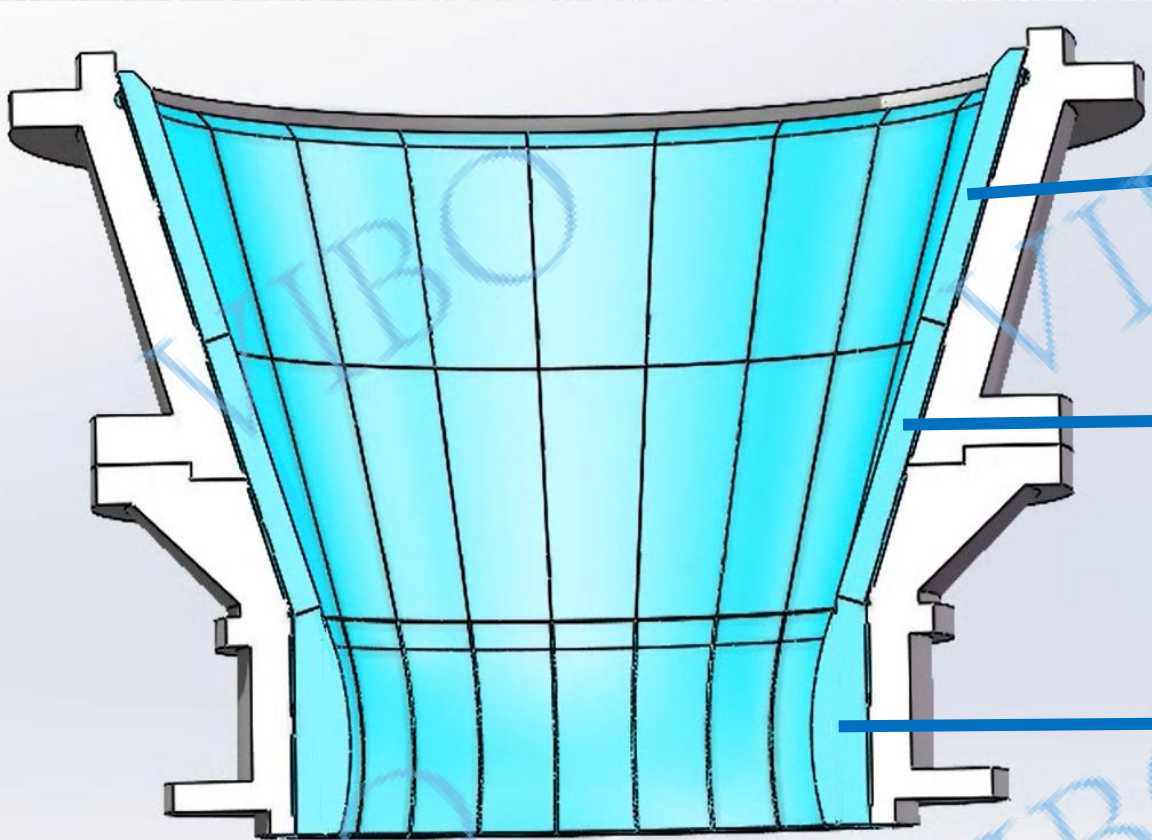
CHANGSHA VIBO WEARABLE MATERIAL CO., LTD.

+86-731-55578295

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www.vibowear.com

Wear package designed for primary gyratory crusher concave segments



Upper intake liners

- Tuff alloy steel, impact resistant

Chamber mid liners

- Tuff alloy steel, abrasion and impact resistant

Chamber bottom liners

- Tuff alloy steel, high abrasion and impact resistant
- High-chrome special, maximum abrasion resistance

Tuff Alloy Steel



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Grade	Chemical	Hardness surface, BHN (ASTM E10)	Charpy Impact (RT °C , KV, J)
TF40	40CrNiMo, EN 10293 (06/2005)	375 - 425	> 15
TF50	40CrNiMo, EN 10293 (06/2005)	475 - 525	> 10
TF55	40CrNiMo, EN 10293 (06/2005)	525 - 575	> 10
TF55D	40CrNiMo (Modified) Combine different micro structure	350 - 630	N/A



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Metal scrap shredder hammers:

- Tuff alloy steel grade **TF55D (TF55 Modified Chemical)** with designed harder head and stronger bore
- Tuff alloy steel hammer service 100% longer than normal manganese steel



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Metal scrap shredder hammers powered with TF55D alloy

