

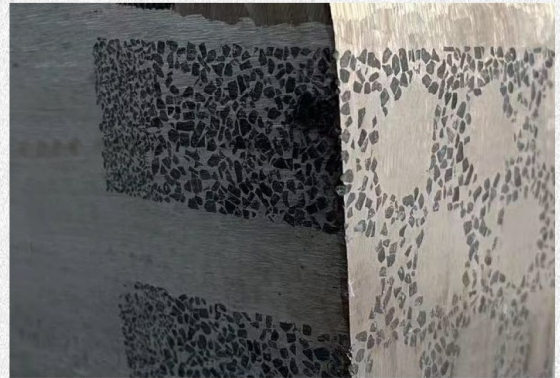
VIBO TiPro blow bars and hammers designed for heavy duty impact crushing medium-hard rock .
TiPro combine cast steel with titanium carbide (**TiC**) inserts and titanium carbide (**TiC**) maybe cylinders or grits . Compared with normal cast steel **TiPro** always improve service life by 100% to 200% .

Material code	Parts name	Matrix Material	Pattern of TiC inserts	Typical application	Feed size (mm)	Note
200MTI	Blow bar Hammer	Manganese steel (Molybdenum rich)	Cylinders	Primary crushing	>1000	
500MYT	Blow bar	Martensitic alloy steel	Grits	Primary crushing	>1000	Only for designated model
550MDT	Hammer	Martensitic alloy steel with different hardness at Bore area (BHN 350-400) , Key area (BHN 500-550)	Grits	Primary and secondary crushing	>100	

TiC pattern: cylinders



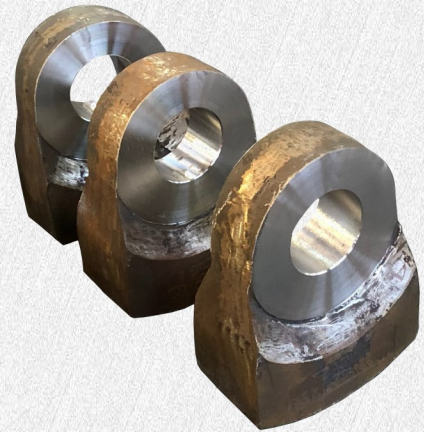
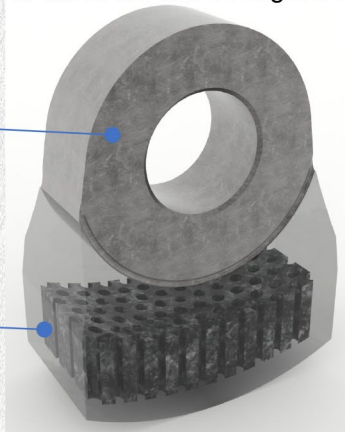
TiC pattern: grits



550MDT: Cast martensitic alloy steel using revolutionary heat treatment that offers a unique high hardness to the key area and lower hardness and stronger bore area

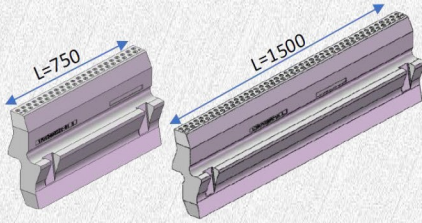
Bore area:
 Hardness BHN 330-400
 Charpy impact (AKV): > 10J

Key area:
 Hardness BHN 530-580
 Charpy impact (AKV): > 6J
 Plus TiC grits inserts

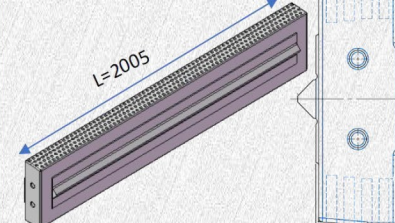


- *Patterns available for most of primary impact crushers
- *Unit weight ranged from 50 kg to 2000 kg
- *Customized design & material available

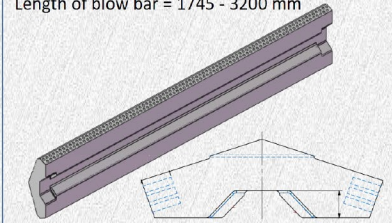
HAZEMAG AP CM 2030 IMPACT CRUSHER



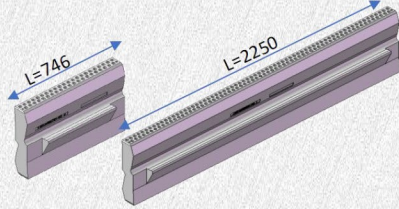
NP1520/1620 IMPACT CRUSHER



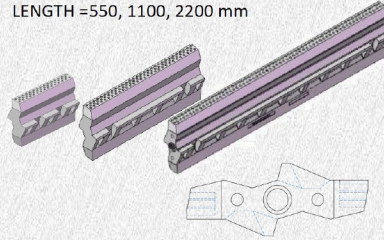
HAZEMAG HPI series (More than 10 patterns)
Length of blow bar = 1745 - 3200 mm



KAWASAKI AP-7S COMPOUND CRUSHER



KHD Humboldt_Wedag 200
LENGTH =550, 1100, 2200 mm



KRUPP PB220/250,
Available for both 200MTI and 500MYT

