

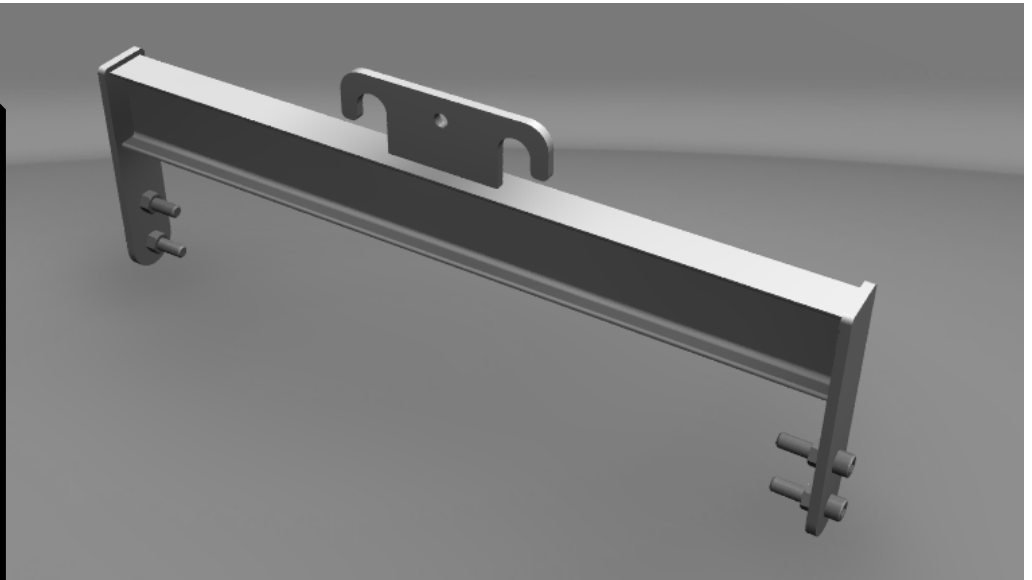
# Metso:Outotec

## Crusher spare parts

# Blow bar lifting tool

Application

Exclusively designed to lift Metso Outotec manufactured wear parts for Nordberg NP impact crushers.



Our crusher wear part lifting tools are designed with OEM expertise, making them the best choice to remove hammers from your Metso Outotec crushers.

### Efficient crusher maintenance

Specially designed, fit-for-purpose tools makes wear part change-outs faster and more efficient. By using OEM parts, risk of damaging equipment is avoided. As a result, maintenance times are shortened and crusher downtime is reduced.

### Improved safety and quality

To succeed in today's competitive environment, aggregate producers often seek to optimize their crusher maintenance. Using parts that last longer and make crusher maintenance easier and safer can make the big difference. Metso Outotec's specialty tools are developed with quality suppliers ensuring that high standards and tolerances are met.

Read more at:

 [mogroup.com/CrusherParts](https://mogroup.com/CrusherParts)

TOOLS	APPLICATIONS	LOAD LIMIT
Blow bar lifting tool	NP1110, NP1210	250 KG
	NP13, NP1213, NP1313	370 KG
	NP15, NP1315, NP1415	500 KG
	NP20, NP1520, NP1620	800 KG



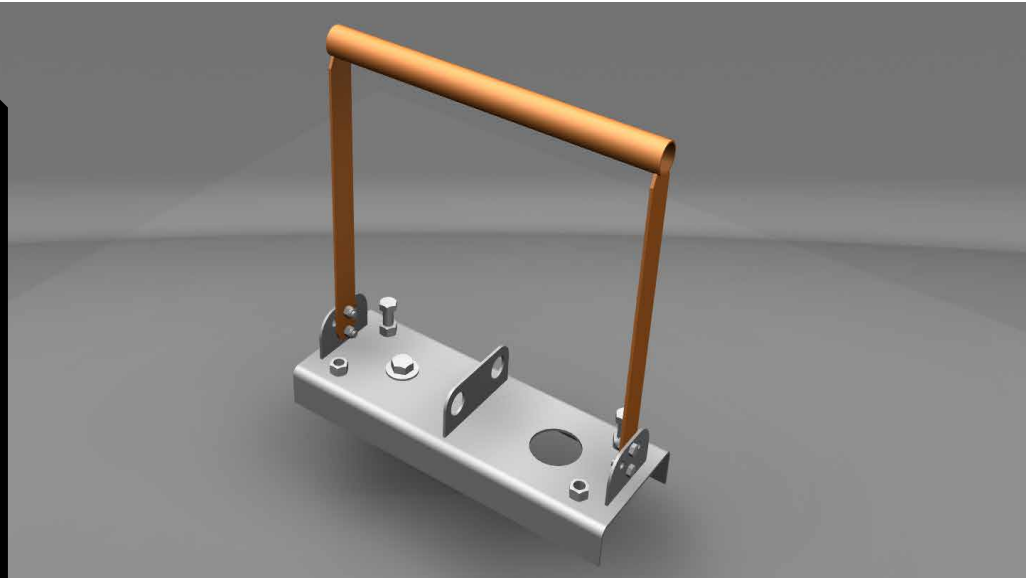
### Benefits

- OEM design and assurance
- Improved safety and maintenance
- Reduced downtime with faster and more efficient changeouts

# Metso:Outotec Crusher spare parts Breaker plate liner lifting tools

Application

Exclusively designed to lift Metso Outotec manufactured wear parts for Nordberg NP impact crushers.



Our crusher wear part lifting tools are designed with OEM expertise, making them the best choice to remove breaker plate liners from your Metso Outotec crushers.

#### Efficient crusher maintenance

Specially designed, fit-for-purpose tools makes wear part change-outs faster and more efficient. By using OEM parts, risk of damaging equipment is avoided. As a result, maintenance times are shortened and crusher downtime is reduced.

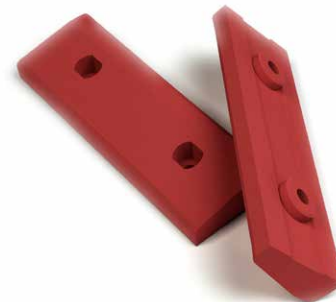
#### Improved safety and quality

To succeed in today's competitive environment, aggregate producers often seek to optimize their crusher maintenance. Using parts that last longer and make crusher maintenance easier and safer can make the big difference. Metso Outotec's specialty tools are developed with quality suppliers ensuring that high standards and tolerances are met.

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TOOLS	APPLICATIONS	LOAD LIMIT
Breaker plate liner lifting tools	NP1110, NP20, NP1520, NP1620	150 KG
	NP1213, NP1313	80 KG
	NP13	80 KG
	NP15, NP1315, NP1415	150 KG



#### Benefits

- OEM design and assurance
- Improved safety and maintenance
- Reduced downtime with faster and more efficient changeouts

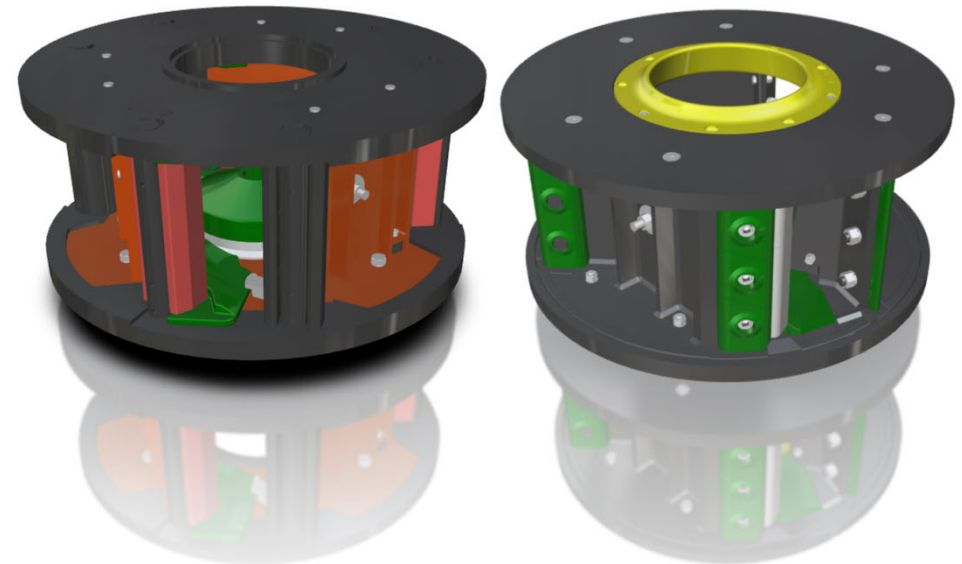
Metso:Outotec

Crusher parts

# Rotor lifting plate for Barmac® impact crushers

Application

Exclusively designed to lift Metso Outotec manufactured rotors for Barmac® vertical shaft impact (VSI) crushers.



Our rotor lifting plates are designed with OEM expertise, making them the best choice to lift the rotor from your Metso Outotec Barmac® vertical shaft impact (VSI) crusher.

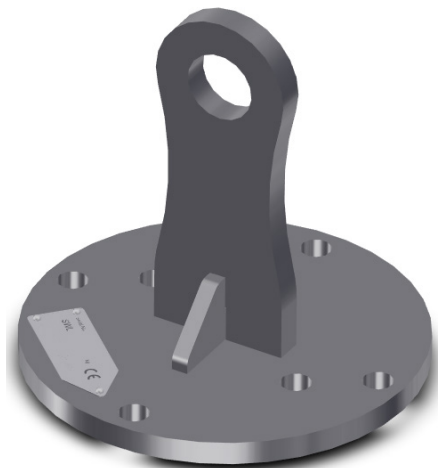
#### Tools and parts from OEM

Metso Outotec's specially designed, fit-for-purpose tools make lifting the wear parts safer, faster, and more efficient. They are also developed with quality suppliers ensuring that high standards and tolerances are met. By using OEM parts, you improve the wear lifetime, and avoid the risk of damaging equipment. As a result, maintenance times are shortened, and crusher downtime is reduced.

#### Safe and efficient crusher maintenance

Rotor lifting plate makes the maintenance of your Barmac® vertical shaft impact crusher safer and more efficient. It not only lifts the rotor from the crusher, but it also safely forces the rotor from the taper lock. All of the Metso Outotec manufactured rotor lifting plates are load tested.

Read more at [mogroup.com/ImpactCrusherParts](http://mogroup.com/ImpactCrusherParts)



#### Lifting tool suitability for each Barmac® crusher model

Lifting tool	Model
B24AS13	B2400 B3000 B3100SE
B48AS13B	B4800 B5000 B5100 B5100SE
B69AS12C	MkI Rotopactor MkI Duopactor B6000 B6100 B6150SE B7000 B7100
B96AS12C	MkII Rotopactor MkII Duopactor MkIII Duopactor B7150SE B8000 B8100 B9000 B9100 B9100SE