

# Metso:Outotec

Metso Outotec Contender™ Series

## Premium spare parts for non-Metso crushers

Application

Designed to fit and perform with Sandvik CH, CS and CJ series crushers. Selected parts are enhanced for additional safety and operational life.



Metso Outotec  
Contender™ Series  
premium spare parts  
provide a one-stop-  
shop for your CH and  
CS cone crusher parts.



### Quality spare parts by know-how

With over 100 years of crushing experience, we understand how parts fit and function within a crusher for maximum performance. Metso has taken an OEM approach to the design and fabrication of quality wears for both Metso Outotec and non-Metso Outotec crushers. Now our capabilities have been extended to also offer Metso Outotec Contender™ Series premium spare parts, including all needed service, maintenance and capital parts for Sandvik CH, CS and CJ crusher models.

Our wide-ranging distributor network and distribution centers ensure you can find the part you need when you need it and at the lowest total cost.

### 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 for a producer's bottom line. Metso Outotec Contender™ Series premium parts are developed

with quality suppliers and materials, ensuring that the highest standards and the strictest tolerances are met. By understanding all the various factors that impact your crushers' operating performance, we are always looking to make improvements. For select parts, additional enhancements have been made such as adding extra lifting points for safer change outs or using improved materials and alloys for longer parts life.

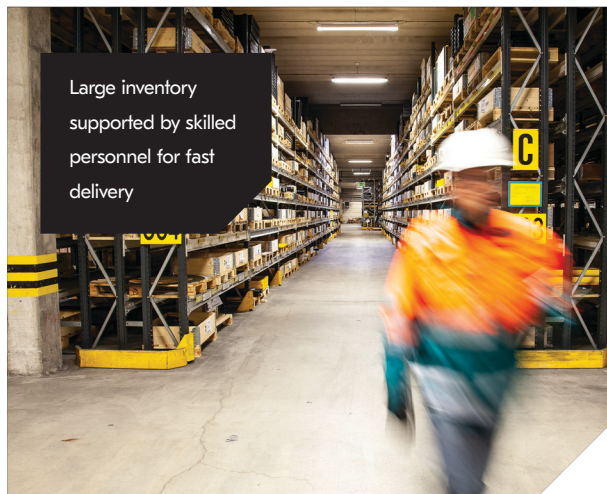
### Benefits

- High quality Contender™ Series parts design using our OEM know-how
- Enhanced parts offer improved safety, easier maintenance for reduced downtime and longer life.
- Warranty and quality based on our Nordberg OEM know-how combined with knowledge from our heritage brands Allis-Chalmers and Svedala.
- Fast delivery from stock for the most common and needed spares for best performance.

More information on crusher parts at:



# A complete range of critical quality parts



Large inventory supported by skilled personnel for fast delivery

Available for models CH/CS cones: 420/2000, 430/3000, 440/4000, 660/6000, 880/8000, 890, 895 CJ jaws: CJ411/JM1108, CJ412/JM1208, CJ612/JM1211, CJ615/JM1511

We support these models with high stock availability of needed spare parts.

If you have a different model of Sandvik crusher, contact Metso Outotec for our complete offer.



## Bronze bushings

Bushings should be inspected for excess wear or burn each time the shaft is removed for a mantle change to avoid unplanned downtime. Eccentric bushings and bottom shell bushings are made to our Metso Outotec standards and tolerances for long functional life.



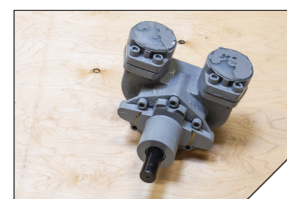
## Head nut with ring

The often replaced mantle head nut and torch ring are delivered as a kit. The torch ring is available as a separate part and can be ordered for each mantle exchange.



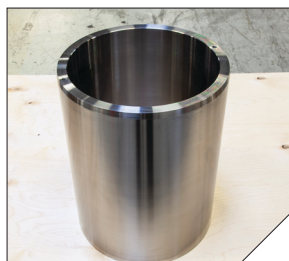
## Eccentric wear ring

An important bearing part that keeps the gear adjustment in place. If worn down, it can cause issues to the gearing, pinion and eccentric gear. Inspecting its condition and changing it when needed ensures the integrity of your gearing components.



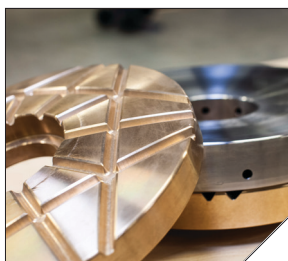
## Lube oil pumps

Many needed components like lube oil pumps, seals, filters and valves are available. These parts have a long history of quality performance, having been used for Metso Outotec Svedala classic crushers lube and hydraulic units.



## Mainshaft sleeves

This important protective component is made to our Metso standards with correct clearances and materials for optimal fit, form and function. When changing the mainshaft sleeve, be sure to also check on the condition of your spider bushings and replace them as needed.



## Step bearings

This vertical bearing component supports the mainshaft movement and forces so it is important to inspect for issues when your crusher's shaft is removed. Metso Outotec offers the parts as separate loose parts or as a lapped kit.



## Pinion shaft housing parts

Metso Outotec offers quality service parts such as the pinion shafts, bearing covers, bearings and seals needed to keep your crusher operating smoothly. Complete housing assemblies without pinions are also offered for quick service work to minimize downtime.



## Enhanced spider bushings

The spider bushing is a vital support component to avoid excess wear and collateral damages to the bottom bearings and bushings of your crusher. Enhanced spider bushings in manganese-bronze alloy instead of standard iron have been tested to last at least twice as long compared to a standard spider bushing.



## Spider bushings and grease seal rings

Metso Outotec also offers standard material spider bushings, seals and grease. The spider bushing grease seal rings are of the highest quality for long functional life. When changing your mantle, replacing the seals at the same time helps ensure proper performance and reduces unplanned stoppages.



## Enhanced dust seal rings

Our enhanced material has proven to outlast the OEM rings. Self-lubricating and solid rings in a strong exclusive wood material for best possible lifetime and function.



## Chevron packing

This seal ring keeps the hydraulic oil in place under the piston. Metso Outotec offers high quality chevron seals with the correct dimensions and materials needed for your crusher.