



Cast Central Pipe (CCP) Design Update

As part of our drive to continually reduce the total cost of ownership of all our equipment and components, we have made a change to our cast central pipe segments. The new design gives you improved performance and longer life.

Two main improvements have been made:

- The hook length has been reduced by 5 mm, which better distributes the stress across the segment and prevents the premature bending of the hook, thus reducing the risk of failure.
- The thickness of the segment has been standardized to simplify casting. This reduces the potential for quality issues during manufacture, ensuring you get a sound product you can depend on.

Better performance, longer life

These changes will extend the life of the segment. Though the new design is heavier than the old one, the cost of manufacture is not increased due to the simpler design. That means a better product that won't cost you more. – but could save you money on repairs. In fact, we are able to offer competitive wear guarantees for both retrofits and new projects. Just ask your account manager for more details.

Segment range extended with new length

In addition to the performance improvements, we have also added a new segment length to the range. The standard segment length is still 500mm, but we now also offer an alternate length of 770mm. For many customers, this will reduce the overall number of rows of segments and weight needed to achieve the same target pipe length, offering better value for money. This also provides more flexibility for retrofits with matching up the length of the new segment to the length of the existing segment being replaced.

Key information

- The redesign does not affect the suspension ring system, which is unchanged and works the same with the new segments.
- Segments will be manufactured of 5840 material as standard, though our 5850 and new 5860 materials are available for high corrosion cases if needed.
- 15 mm thickness is standard; 20 – 25 mm thickness will be used for the very largest cyclones or for high corrosion cases.



Left: 20 – 25 mm thickness for the largest cyclones or high corrosion cases.

Right: Standard 15 mm thickness for most applications.