

VSP Checkmate<sup>™</sup> A Revolution in Jointed

Gasket Technology

## Checkmate

Superior VSP jointing design and fabrication replaces less effective "Dove-Tail" designs. This jointed technology utilizes close tolerance FLOW Jet Mach 2 water jet fabrication equipment to achieve the tightest possible segmented joint.

VSP Technologies researches and analyzes compression and flow characteristics of all standard gasket materials and can optimize each gasket based upon cross section, thickness, and geometry of the material





VSP Technologies deploys a team of Engineers and Fluid Sealing Specialists who provide engineered solutions for your unique sealing requirements.

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## **Product Comparison**

Product Feature	VSP Checkmate	Intralock	Dove-Tail
Tight fit between mating setions	Best	Better	Poor
Accuracy of fabrication	Best	Better	Poor
Long tortuous path created between mating sections	Best	Better	Poor
Engineered, interference fit between sections	Best	Subject to fabrication company and equipment	Poor
Consistent, tight tolerances between mating sections	Best	Subject to fabrication company and equipment	Poor

## Intralock<sup>™</sup> Joints

VSP Technologies developed Intralock™ technology for instances where Checkmate™ is not ideal or available i.e.

Cross sections under 1/2" with fragile materials like flexible graphite

• Waterjet cutting is not available based on the time constraints required

Intralock cutting technology uses tightened design and cutting capabilities that is also far superior to dovetail joints

Ensure complete mechanical and specification and compliance with VSP's Checkmate Torq-Kit



All Flange rework components in one box with assembly instructions to ensure reliable performance

**Contact VSP for ordering information**