

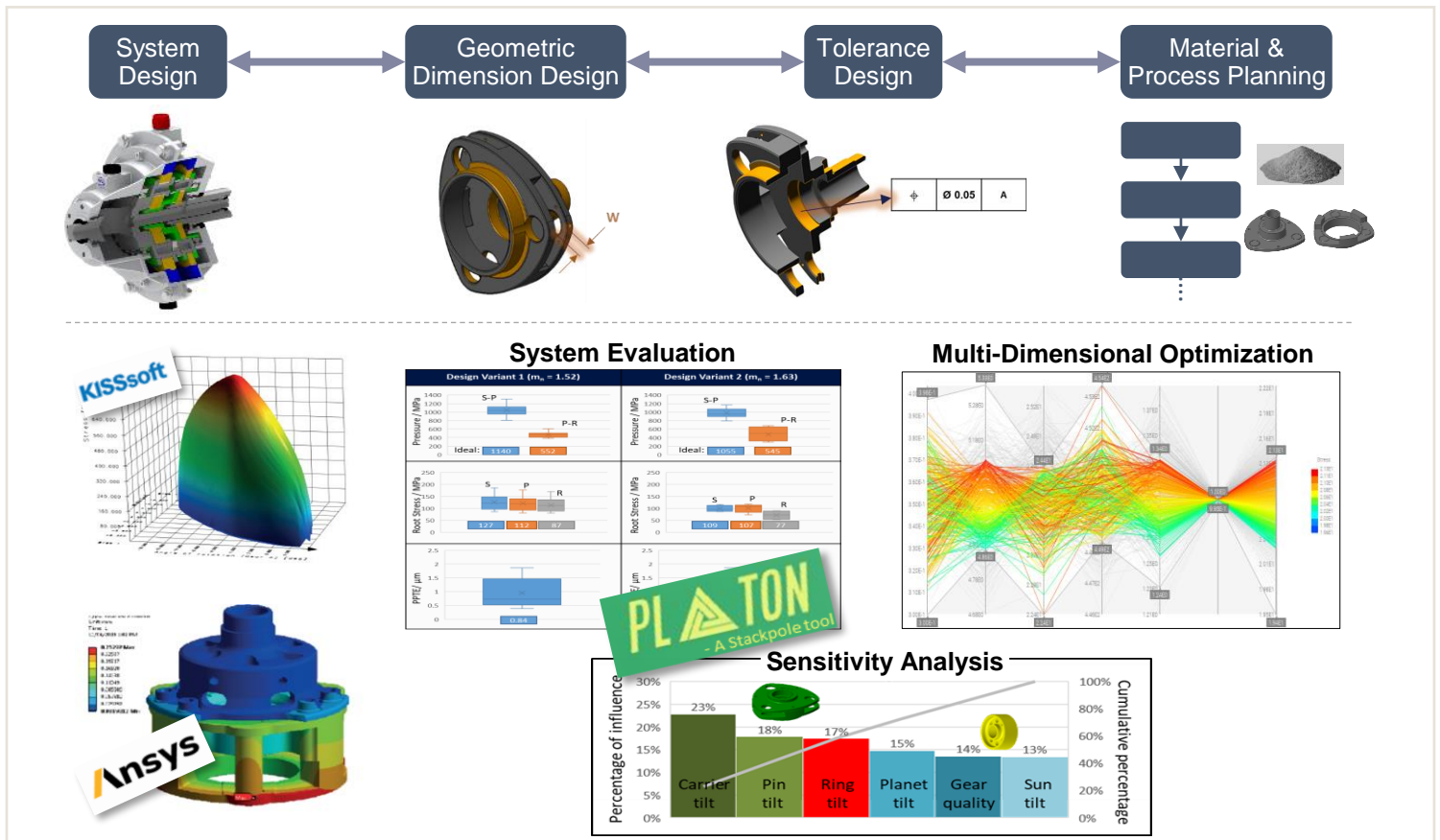
Stackpole Engineering Capabilities PM Simulation Expertise

Cooperative Design with Customer in Early Design Stage

At Stackpole International, we have dedicated cross-functional technical teams focused on advancing innovation across our products, processes, and markets. Our approach uses cutting-edge design tools and in-house testing capabilities to provide comprehensive product solutions. Our Advanced Engineering Group works collaboratively with your team, from concept to production, utilizing the best technologies and know-how. Working together can optimize performance, efficiency, and reliability for current and future products.

Good to Know

- In-house Finite Element Design Department applying specific PM Material Characteristics
- In-house gear design capability (KISSsoft, Zako3D) with an established network of external partners
- Proprietary “Platon” tolerance sensitivity and design robustness analysis software tool (example: planetary carrier manufacturing tolerance and gear quality level influence on gearset NVH and durability performance)
- Ability to tailor unique solutions per customer requests



世特科工程能力 粉末冶金仿真专长

早期设计阶段与客户进行合作设计

在世特科国际，我们有专门的跨职能技术团队，专注于推动我们产品、工艺流程和市场的创新。我们使用尖端的设计工具结合内部测试能力来提供全面的产品解决方案。我们的先期工程团队会与您的团队合作，从概念到量产，利用最佳技术和专业知识，协同工作可以优化当前和未来产品的性能、效率和可靠性。

请知悉我们：

- 拥有应用特定粉冶材料特性的有限元设计部门
- 拥有内部齿轮设计能力 (KISSsoft、Zako3D)；拥有已建立的外部合作伙伴网络
- 独有的“Platon”公差灵敏度和设计稳健性分析软件工具（例如：行星架制造公差和齿轮质量水平对齿轮组NVH和耐用性性能的影响）
- 能够根据客户要求定制独特的解决方案

