

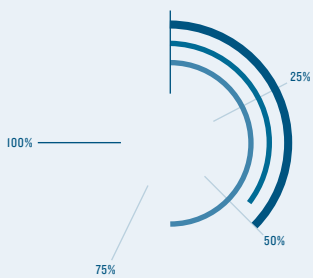


## INOshaft® shafts for any print job, any printing speed and quality requirements

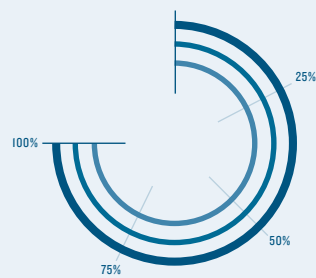
The temptation to save on quality when it comes to the important basic component - the shaft - should not be an option for flexographic printers.

The shaft is the basis for all adapter and sleeve components in the flexographic printing unit. Our INOshaft® allows us to offer a product range for this central component, which depending on the version, is suitable for standard through to high-performance printing processes.

### A SIDE BY SIDE COMPARISON



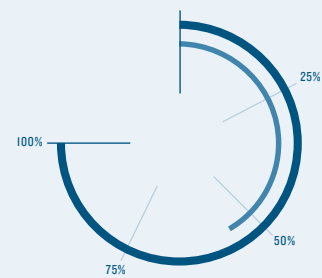
Steel shaft



INOshaft® CP/CPH - CFK Trägerstange









- Damping system
- Agility
- Rigidity

### OVERALL



Overall

- INOshaft® CP/CPH
- Stahl-Trägerstange

PRODUCT CHARACTERISTICS	THE ADVANTAGES TO YOU IN THE PRINTING PROCESS
 <p>Use of lightweight construction materials/lightweight CFRP tube</p>	<ul style="list-style-type: none"> <li>○ Low energy costs</li> <li>○ Simple removal and installation during service intervals</li> <li>○ Faster emergency stops</li> <li>○ Low mass moment of inertia</li> <li>○ Reduction in printing plate downtimes/costs by minimising vibrations</li> </ul>
 <p>High level of wear protection due to composite or carbide surface and stainless steel components</p>	<ul style="list-style-type: none"> <li>○ High level of wear protection</li> <li>○ Minimal downtimes</li> <li>○ High-quality product</li> <li>○ Longer service life</li> </ul>
 <p>High equipment variability</p>	<ul style="list-style-type: none"> <li>○ Wide choice of options</li> <li>○ High-performance damping system</li> </ul>
 <p>CFRP tube pre-configured according to printing length and working width</p>	<ul style="list-style-type: none"> <li>○ Consistent performance</li> <li>○ Best print results in any format</li> <li>○ Minimal/zero vibrations in any format</li> <li>○ Perfect halftone dots</li> <li>○ Less printing pressure necessary</li> <li>○ Reduction of vibration stripes</li> <li>○ Optimum product rigidity and strength at a minimal weight</li> </ul>
 <p>Very small manufacturing tolerances</p>	<ul style="list-style-type: none"> <li>○ Optimum compatibility</li> <li>○ Low sum of tolerances</li> <li>○ Optimum register accuracy</li> <li>○ Reduced risk of adapters jamming</li> </ul>
 <p>Machine production</p>	<ul style="list-style-type: none"> <li>○ Excellent sleeve characteristics</li> <li>○ Controllable and repeatable tolerances</li> <li>○ Controllable delivery times</li> <li>○ High repetitive accuracy</li> </ul>
 <p>Hybrid</p>	<ul style="list-style-type: none"> <li>○ Fewer vibrations</li> <li>○ Quickly reach the desired printing speed</li> <li>○ Increase in process flexibility</li> <li>○ Excellent sleeve characteristics</li> <li>○ Optimum register accuracy</li> <li>○ Less printing pressure necessary</li> <li>○ Perfect halftone dots</li> </ul>
 <p>100% Made in Germany – from the idea to the complete product</p>	<ul style="list-style-type: none"> <li>○ German quality work</li> <li>○ Extensive, long-term experience</li> </ul>