



Starmix® Boost

When performance matters most

Starmix® Boost is a new zinc-free, press-ready bonded mix designed to tick all your metal powder performance criteria. A perfect blend that performs as well as its name suggests, especially when compacting more complex components and parts, such as synchronizer hubs, VVT parts and planetary carriers.

It has been customised for the production environment with productivity and ease of use in mind. The excellent filling behaviour enables faster pressing rates and a state-of-the-art lubrication system facilitates the forming and ejection of complex parts. With the exceptional component precision and consistency achieved, it is possible to reduce scatter (weight and height) by more than 50%*, which can reduce machining, inspection and scrap costs.

If you are looking for more precise, consistent, stain free sintered components combined with high productivity then there is only one choice – Starmix® Boost.

“10-30% productivity increase with superior precision and consistency of components produced”

<p>The perfect blend!</p> <p>Component test results against comparable mixes show Starmix® Boost to have a significantly better all-round performance across the main parameters of productivity, consistency, lubrication and scrap-rates.</p>	Consistency	Up to 50% reduction in Average Run-Out 25-50% reduction in Weight Scatter 25-50% reduction in Height Scatter
	Productivity	10-30% increase in productivity
	Lubrication	15% reduction in ejection force
	Environment	0% zinc

Take Starmix® Boost for a test drive

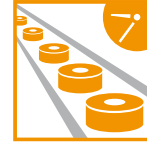
If you have complex components and parts where filling and lubrication becoming challenging issues then Starmix® Boost could be the perfect high performance solution for you.

You can use Starmix® Boost in a wide variety of components and applications. Typically it can be used in the automotive industry to produce power train and engine components, such as, synchronizer hubs and rings, planetary carriers, torque converter hubs and VVT parts. It can also be used in all other market segments such as power tools, construction equipment, pumps, agricultural equipment, HVAC and home appliances.

Whatever your application or component performance requirements are, why not put Starmix® Boost to the test and discover for yourself how it is setting new standards in sintered component manufacture. Contact your local sales representative or e-mail info.Boost@hoganas.com for more information or to arrange a test.



Precision



Productivity



Stain-free



Lubrication



Scrap-minimized

FEATURES AND BENEFITS

- **Excellent filling behaviour** – Compact difficult parts and increased productivity
- **Excellent consistency** – Machining, inspection & scrap costs reduced
- **Excellent Lubrication** – Forming & ejection of complex parts and less tool wear
- **Stain free** – No extra costs in removing stains, better component appearance
- **Zinc free** – Less furnace maintenance and an environmentally better solution

When performance matters most use Starmix® Boost



© Höganäs AB (publ.), oktober 2009.