

BALINIT FORMERA

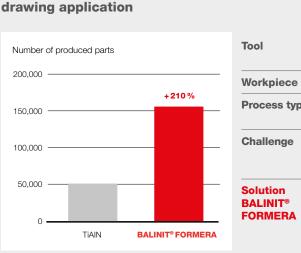
The coating solution for Advanced High-Strength Steel forming applications



BALINIT FORMERA – Developed to meet the challenges of Advanced High-Strength Steel forming

Emissions legislation and increased passenger safety require lighter, stronger vehicles. To fulfil these requirements the use of Advanced High-Strength Steel (AHSS) material and the strength of the parts made of AHSS are increasing with every new model. Tools forming AHSS parts require even stronger surface solutions to ensure high quality and productivity in these demanding applications.





BALINIT[®] FORMERA performance in 4 mm high-strength steel



BALINIT FORMERA was developed to meet these demanding applications

- Tough drawing and flanging operations Material yield strength > 500 MPa or sheet metal thickness > 1.5 mm
- High-strength steel applications:
 - Deep drawing of AHSS
 - Flanging of AHSS
 - Trimming of AHSS

Take advantage of outstanding coating properties

	BALINIT® FORMERA
Coating material	CrAIN-based
Coating hardness H_{IT} (GPa)	28 ± 2
Coefficient of friction (dry) vs. steel	0.35
Max. coating temperature (°C)	480
Coating colour	silver-light grey

All given data are approximate values and dependent on application, environment and test conditions.

Benefit from the BALINIT FORMERA coating solutions Contact us now

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