

UGIMA[®]-X

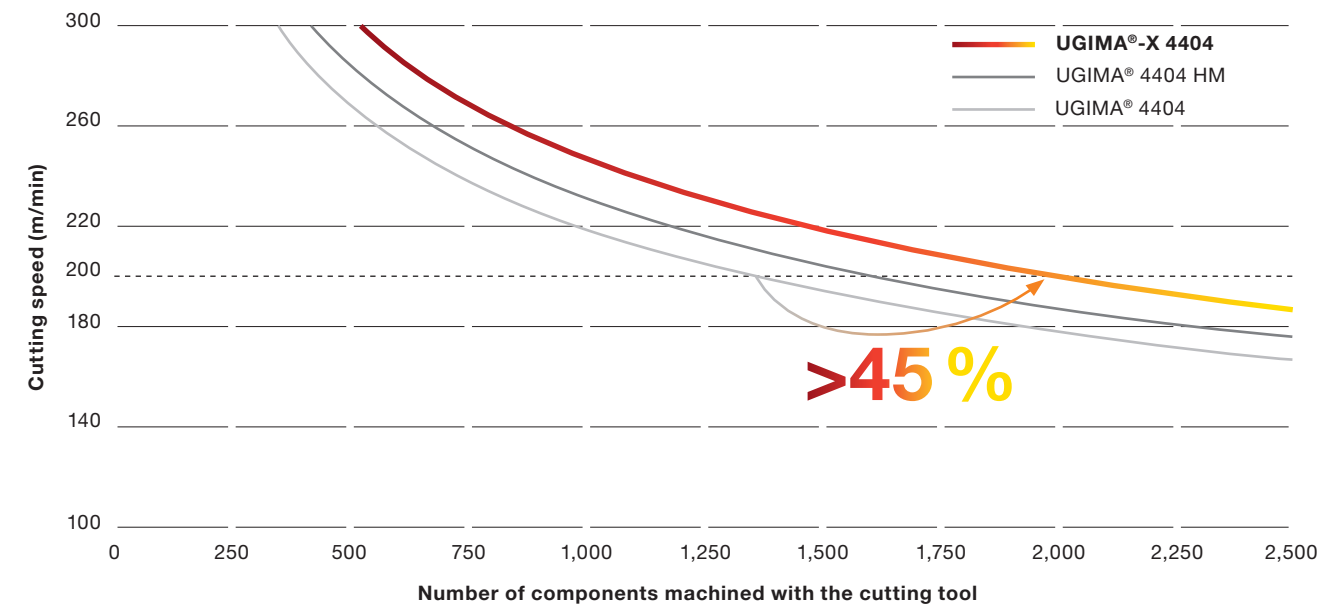
Unrivalled machinability
for peace of mind



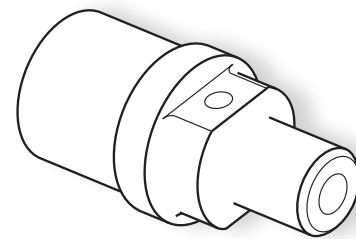
Swiss
Steel
Group

Substantial savings from small to large production runs

Tool life according to cutting speed



UGIMA®-X:
+15 % productivity



Case Study

	UGIMA® 4305	UGIMA®-X 4305
Material cost per component (€)	0.89	0.91
Cycle time / component (second)	65	56
Productivity (component/hour)	55.4	64.3
Machining cost (€/component)	0.81	0.70
Tooling cost (€/component)	0.06	0.06
Total component cost (€)	1.76	1.67
Savings per component (€)		0.09
Duration of the production run in days	0.75	0.65
Savings in €/kg		0.48

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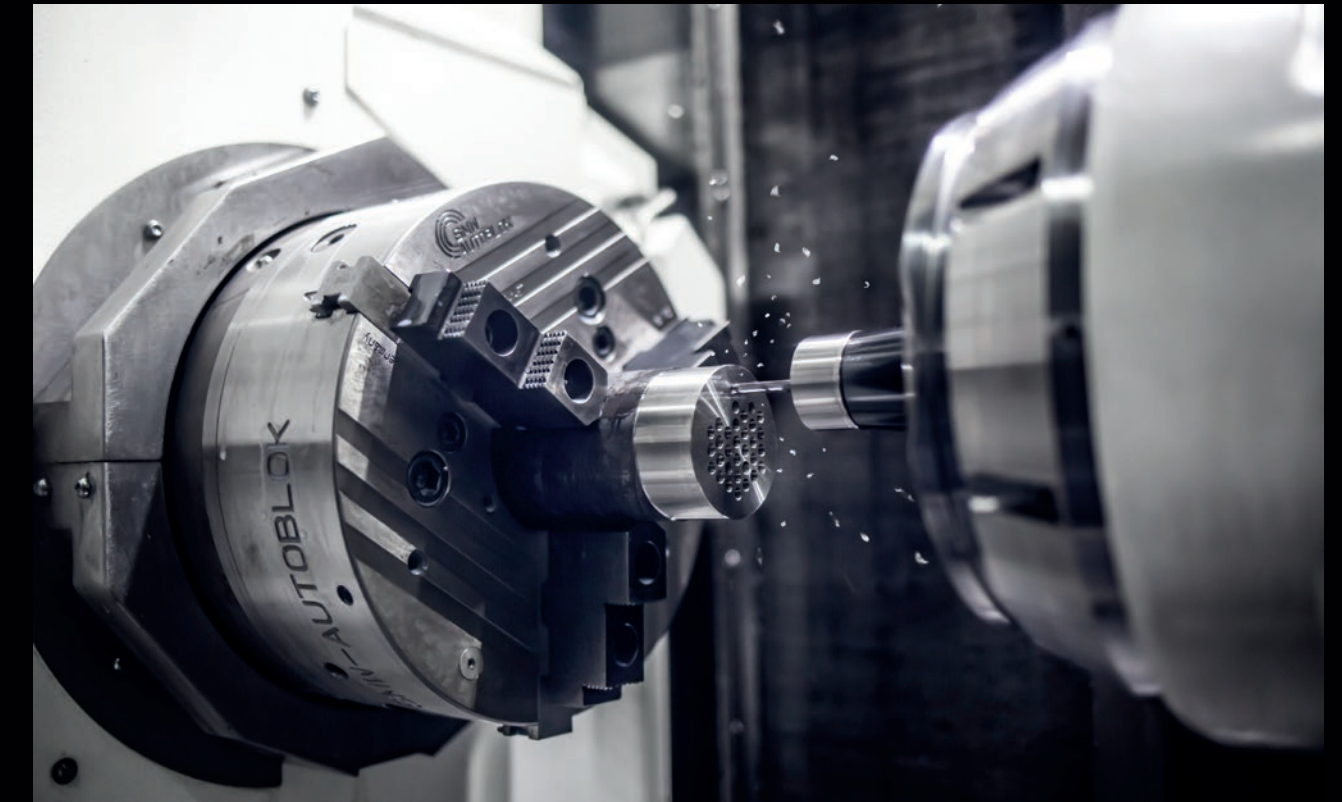


Swiss Steel Group

Production site: Ugitech SA

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UGIMA®-X

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Villi® - www.imprimerie-villiere.com
Thuria - UGIMA®-X_EN - 04-2023
D16032EN



UGIMA®-X:

UGIMA® 3rd generation

You enjoy unrivalled performance

- Productivity increases of 10 to 20% compared to UGIMA® grades
- Optimized cycle time
- Longer tool service life
- Improved chip breakability

You can improve your process reliability

- Performance reproducibility from one batch to another.
- UGIMA® 4.0 automated process control.
- Component cost reliability.

3 UGIMA®-X grades

UGIMA®-X 4404

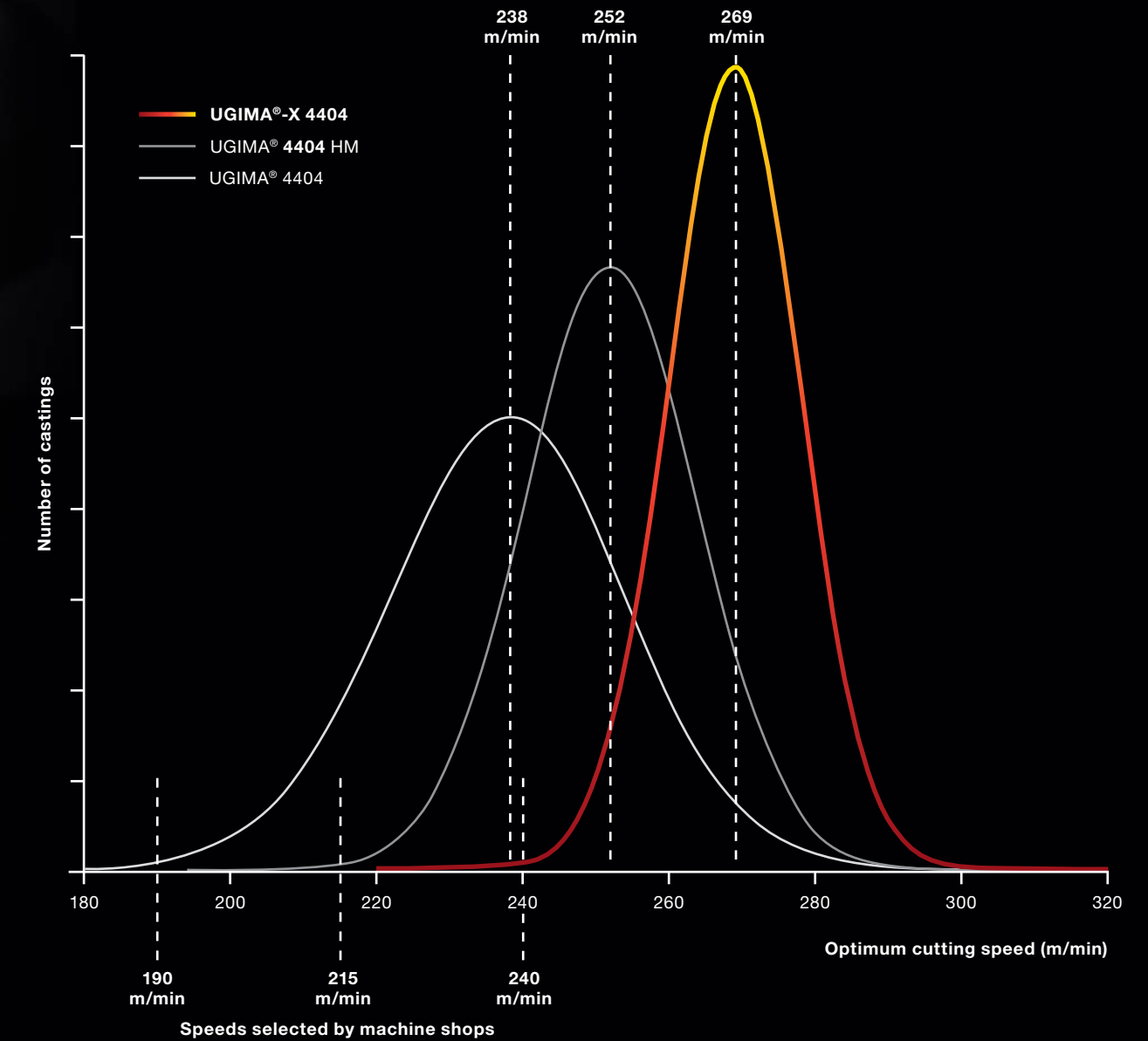
+ 20 % productivity increases compared to UGIMA® 4404 and higher than UGIMA® 4404 HM

UGIMA®-X 4305

+ 15 % productivity increases compared to UGIMA® 4305 and higher than UGIMA® 4305 HM.
Better corrosion resistance, less risk of cracking and suitable for thin-walled parts.

UGIMA®-X 4307

+ 10 % productivity increases compared to UGIMA® 4307 and suitable for thin-walled parts.



- 30 years of Technical Assistance
- 3 years of development work
- 2,000 tons of products produced
- 3,000 hours of tests
- 50 tons of chips