

UGIMA[®]-X

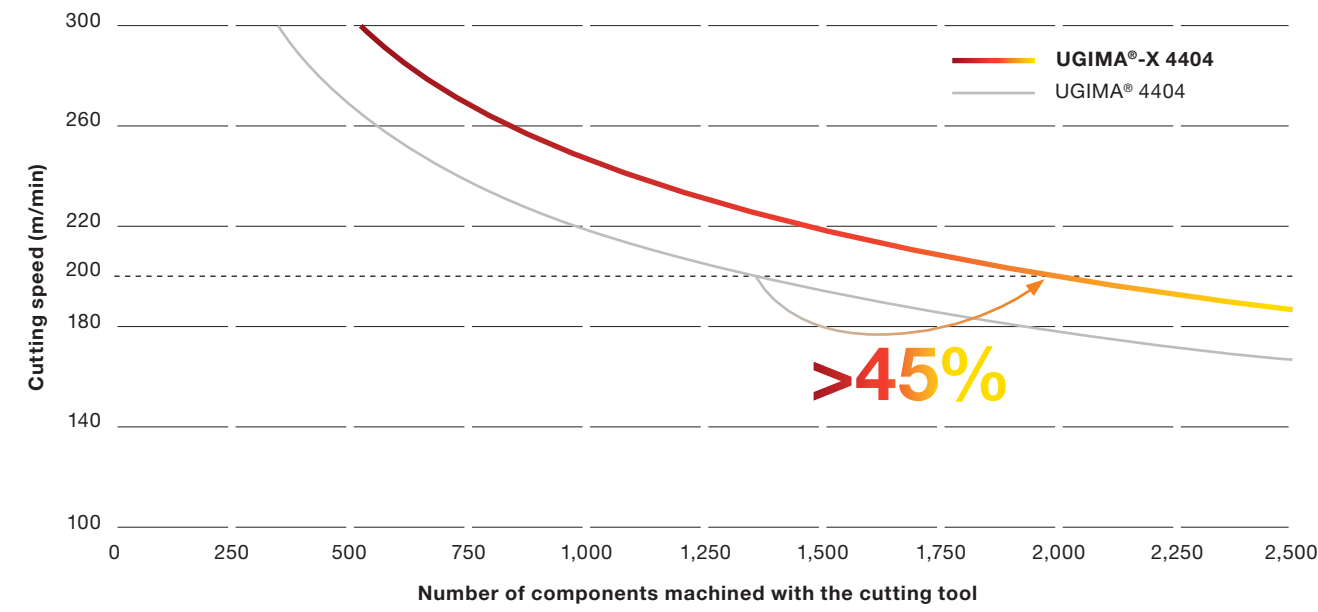
Unrivalled machinability
for peace of mind



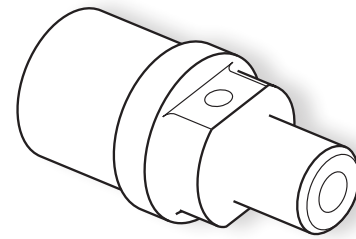
Swiss
Steel
Group

Substantial savings from small to large production runs

Tool life according to cutting speed



UGIMA®-X:
+25% productivity



Case Study

	UGIMA® 4305	UGIMA®-X 4305
Material cost per component (€)	0.89	0.91
Cycle time / component (second)	65	52
Productivity (component/hour)	55.4	69.3
Machining cost (€/component)	0.81	0.65
Tooling cost (€/component)	0.06	0.06
Total component cost (€)	1.76	1.62
Savings per component (€)		0.14
Duration of a serie of 1000 parts (days)	0.75	0.60
Savings (€/kg)		0.72

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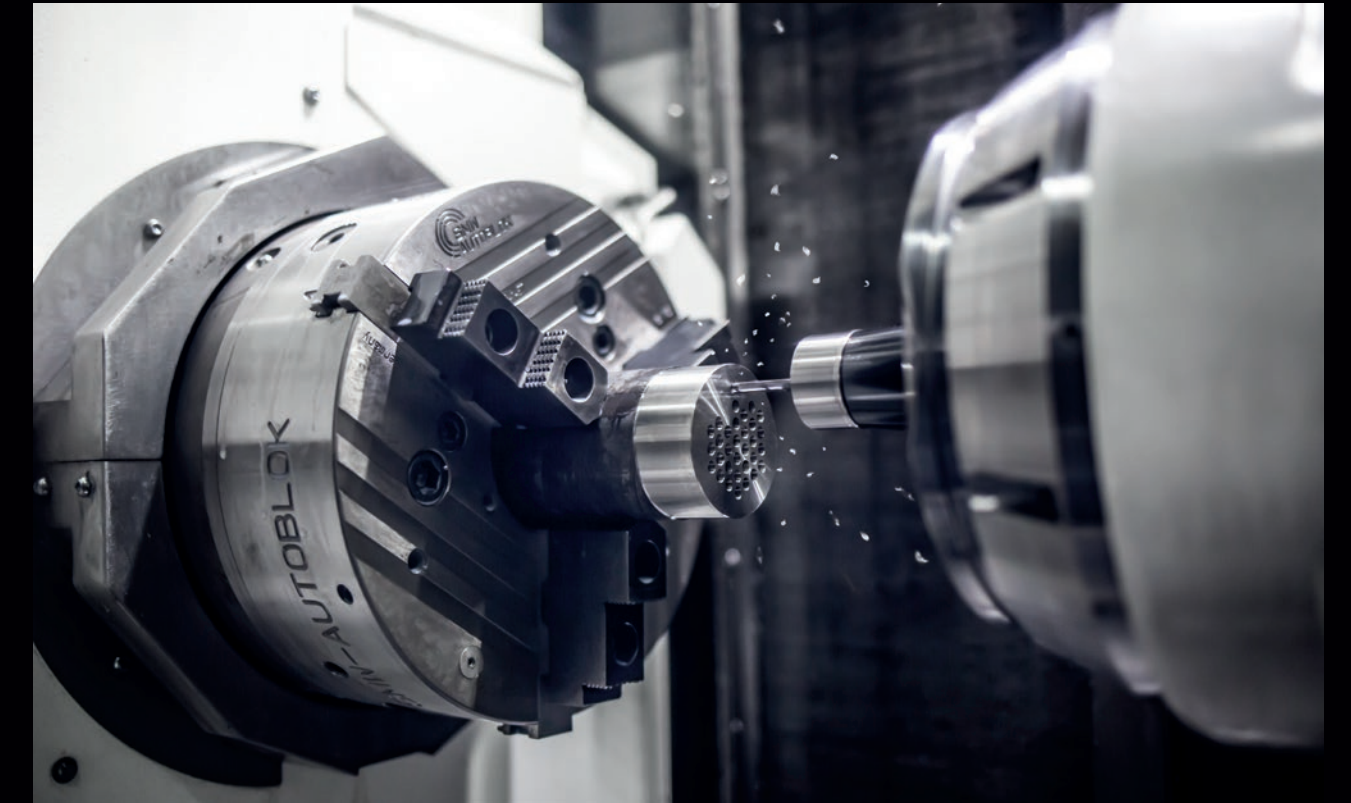


Swiss Steel Group

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The information and data presented here in are typical or average values and are not a guarantee of maximum or minimum values. Only the information reported on our material certificates is to be considered as relevant. Applications specifically suggested for material described herein are made for the purpose of illustration only to enable the reader to make its own evaluation and are not intended as warranties, either express or implied, of fitness for any purposes.

Villi® - www.imprimerie-villiere.com
Thuria - UGIMA®-X_EN - 02-2025
D251996EN



UGIMA®-X:

UGIMA® 3rd generation

You enjoy unrivalled performance

- Productivity increases of 10 to 28% compared to UGIMA® grades.
- Optimized cycle time.
- Longer tool service life.
- Improved chip fragmentation for austenitic and duplex UGIMA®-X.

You can improve your process reliability

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

6 Grades of UGIMA®-X

UGIMA®-X 4404

+20%

productivity compared to UGIMA® 4404 or an extended tool life of more than 40%.

UGIMA®-X 4305

+25%

productivity compared to UGIMA® 4305 with reduced performance variability from one material batch to another and exceptional chip breaking.

UGIMA®-X 4307

+10%

productivity compared to UGIMA® 4307 and suitable for complex geometry parts.

UGIMA®-X 4021

+28%

performance compared to UGI® 4021, **+14% vs. UGIMA® 4021** and a significant reduction in the dispersion performance from one batch to another.

UGIMA®-X 4028

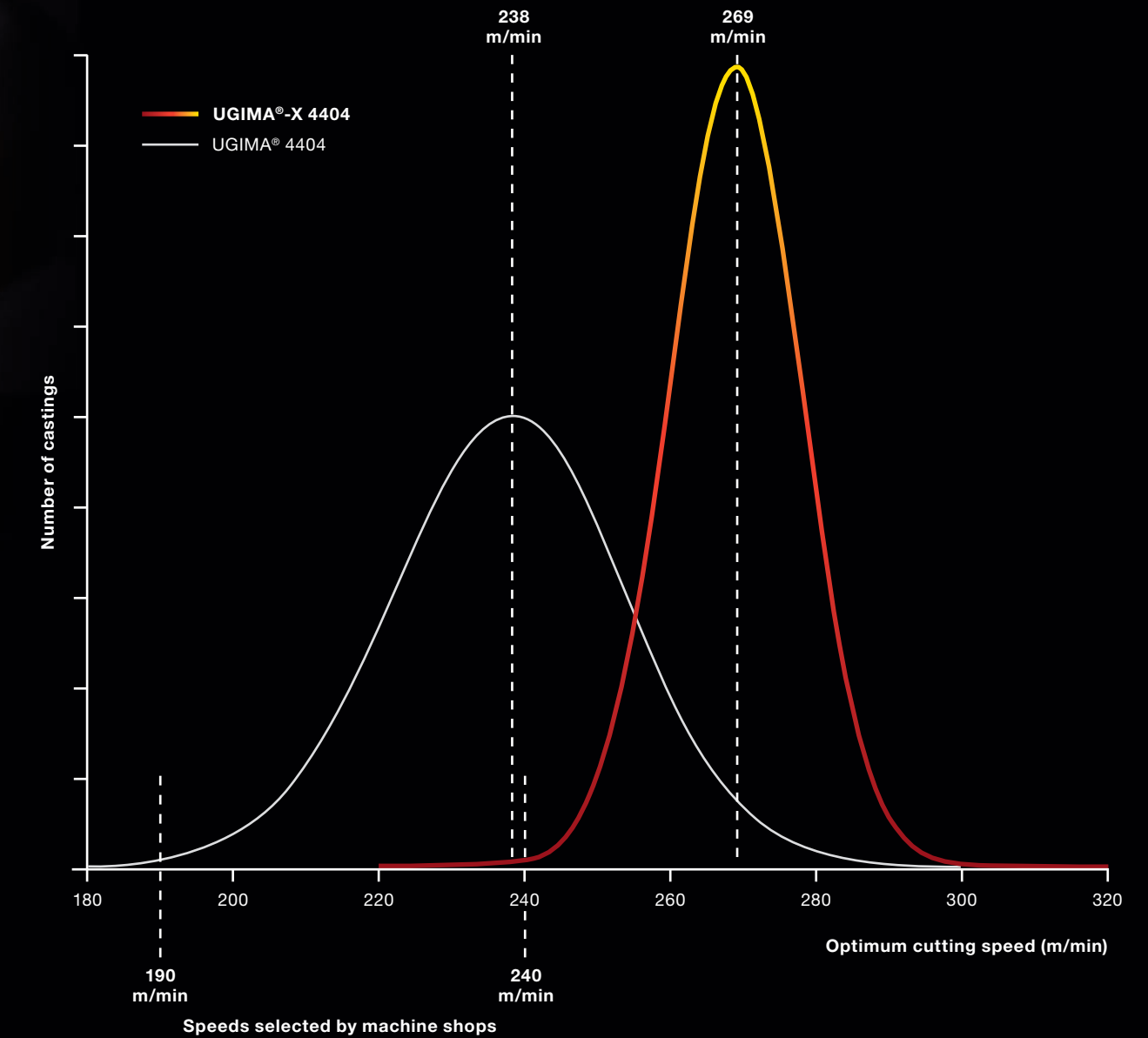
+12%

performance compared with UGI® 4028, **+7% compared with UGIMA® 4028**, and a significant reduction in the dispersion of performance from one batch to another.

UGIMA®-X 4460

+20%

performance compared to UGIMA® 4460. Productivity and chip breaking similar to or better than UGIMA®-X 4404.



- 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 per year