

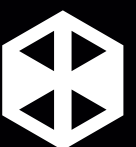
UGIMA[®]-X

Unrivalled machinability for peace of mind



SCHMOLZ + BICKENBACH GROUP

UGITECH



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

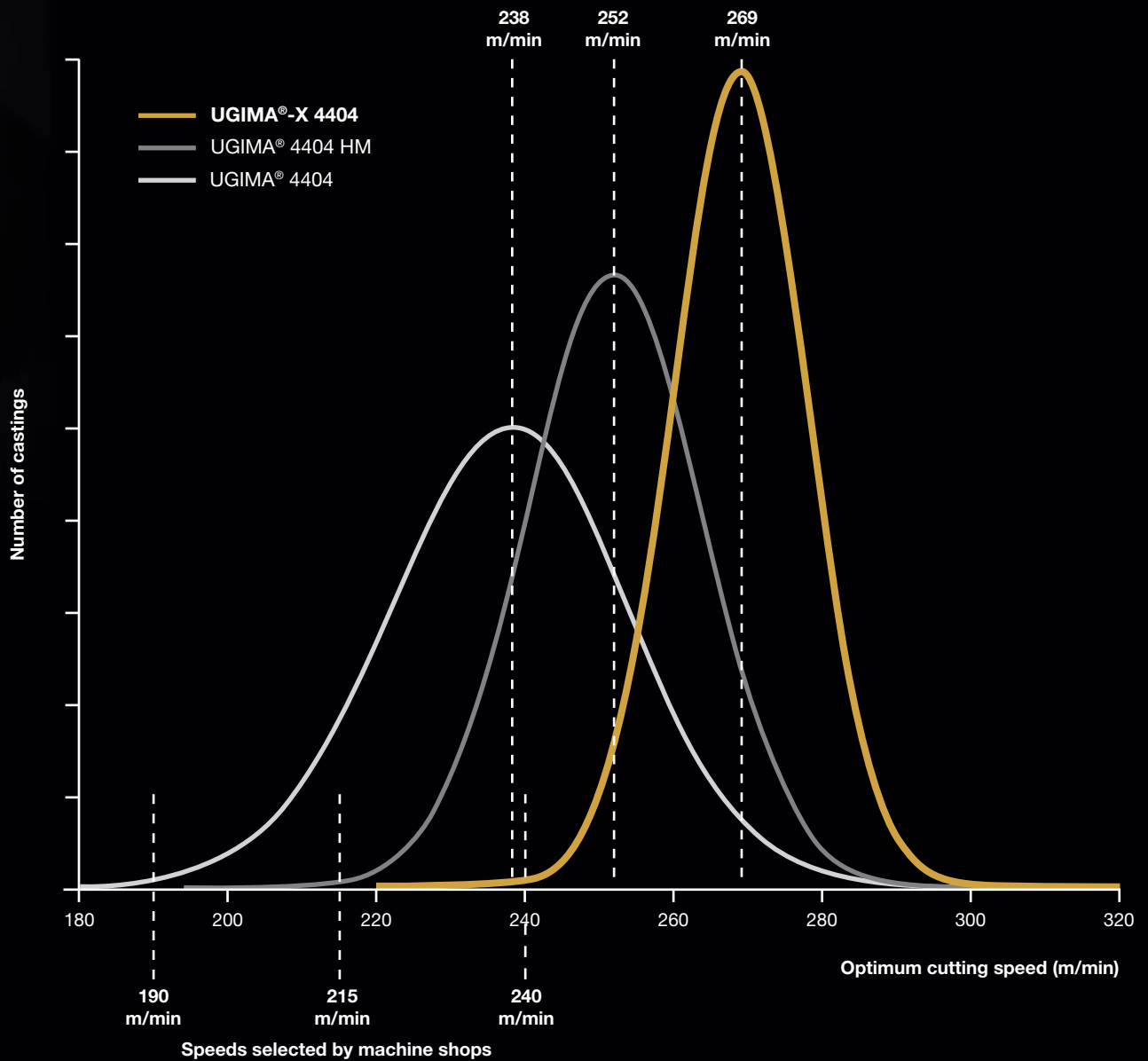
+20% productivity increases compared to UGIMA[®] 4404 and higher than UGIMA[®] 4404 HM

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

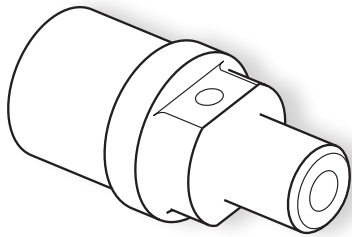
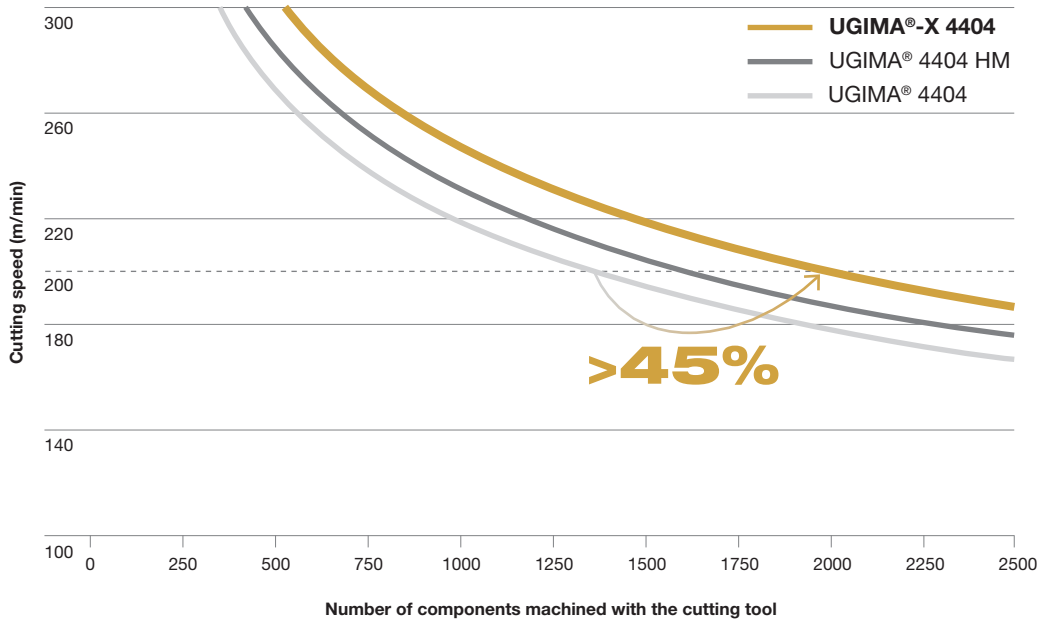
2,000 tons of products produced

3,000 hours of tests

50 tons of chips

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 | | 0.49 |



Ugitech SA

France

Avenue Paul Girod

CS90100

73403 UGINE Cedex


Tel.: + 33 (0)4 79 89 30 30

Fax: + 33 (0)4 79 89 34 34

barsales@ugitech.com

www.ugitech.com

Non-contractual document

 Villi® - www.imprimerie-villiere.com
Thuria - UGIMA®-X_EN – 04-2019
D14262EN

