



## Best Research & Development Project

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### WINNER

LMT-Boehlerit for the Nanolock Coating Project

*'Has far-reaching potential in improving tool life - a great project'*

WITH a nano connection layer called Nanolock, Boehlerit, the cutting material centre of the LMT group (Leitz Metalworking Technologie) has developed a ground-breaking innovation in hard metal coating. The development will be the central element of coating innovations for milling, turning, bar peeling and crankshaft machining products from the LMT group. Studies have shown that the crystallite size of this special, high-temperature CVD Ti(C, N) layer is approximately three times finer - only 25 nanometres - compared to the more often used medium-temperature CVD Ti (C, N) layers. LMT-Boehlerit uses the Nanolock connection layer to improve the cutting performance by up to 50% of turning grades Steeltec LC215K, LC225K, LC240F, LC228E, and LC239Q. [www.lmt-tools.de](http://www.lmt-tools.de)

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apply innovation™

#### SHORTLISTED

- Air Products for the Integra Gas Cylinder Packaging Solution
- Sodi Tech EDM for the PF-32A Electron Beam Machine

## Best Toolmaker



### WINNER

FSG Tool &amp; Die

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engineeringtechnologygroup

*'Delighted to see this company's commitment to training and apprentices, continuous investment and modern management principles. It is also proactive in supporting other businesses in the area'*

FSG Tool & Die is the only UK based toolmaker that designs, builds, develops and installs press tools, injection moulds, thermoform tools, forging tools and component prototypes. The company has over 260 customers around the world, some of whom have been with FSG since its foundation in the early sixties. The company's strength lies in its financial security, and its people - FSG has operated an apprentice training scheme for 42 years. It has invested £250k each year consistently for the last ten years and this is planned to continue. All potential capital equipment investments are reviewed for 'lights out' capability; the company currently achieves between 700 and 2000 hours per month 'unattended output', a key contributor to competitive edge. On time in full delivery is central to customer service philosophy. [www.fsgtoolanddie.co.uk](http://www.fsgtoolanddie.co.uk)

#### SHORTLISTED

- Rojac Tooling Technologies
- Wilson Tool International

## Service and Support



### WINNER

WNT (UK)

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The National  
**Skills Academy**  
FOR MANUFACTURING

*'A tooling partner - providing the right tool at the right time for the right application, based on well-trained technical sales engineers and applications specialists'*

WHETHER it is the Technical Sales Engineers in and out of the office, contact persons in the customer service centre or in logistics, all members of the WNT team have the same goal - service. WNT's service concept accompanies the user through all work steps that would otherwise require a lot of time and effort in addition to the regular production strain. The company's well-trained and highly motivated specialists in all service areas work around the clock on perfecting solutions for all small and large challenges in the metalcutting sector. WNT (UK) is one of the few cutting tool companies that invests heavily in its technical sales and support team. It currently has 32 Technical Sales Engineers, who are all apprentice-trained or above in terms of technical qualifications. These engineers are located across the UK and Ireland to give comprehensive geographical coverage. [www.wnt.com](http://www.wnt.com)

#### SHORTLISTED

- XYZ Machine Tools
- Hardinge Machine Tools
- Global Rebar Services

## The Productivity Award

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### WINNER

Hunting Cromar in partnership with Mori Seiki UK

**SANDVIK**  
Coromant

*'Investment in extremely large and capable machinery to accommodate a significant increase in demand, structured for fast payback - a robust machining solution'*

HUNTING plc, a major international force in the oil and gas industry, uses Mori Seiki machines at its Bridge of Don and Badentoy sites in Aberdeen, for the production of well service technology products including blow out preventer valves and stuffing boxes as well as its range of oil country tubular goods. The company has achieved efficiency improvements of 20% and higher, with anticipated payback within 16 months on its investment in Mori Seiki SL403 machines and six months on its new Mori Seiki NL 2500 SY 700 at the Bridge of Don site. [www.moriseiki.co.uk](http://www.moriseiki.co.uk)

#### SHORTLISTED

- Precision Products in partnership with Sunnen Products
- Hexagon Metrology's Leitz PMM-F - large volume high accuracy shop floor CMM