



Hone All

Engineering
Excellence



CNC Turning

Continual investment in the latest technology has enabled us to provide you with a CNC turning capacity of up to 550mm diameter and four metres between centres.

Our state of the art and professionally maintained equipment allows us to offer immediate capacity for turning, boring and trepanning to exacting tolerances, and is just one element of our unique, single source supply package available.

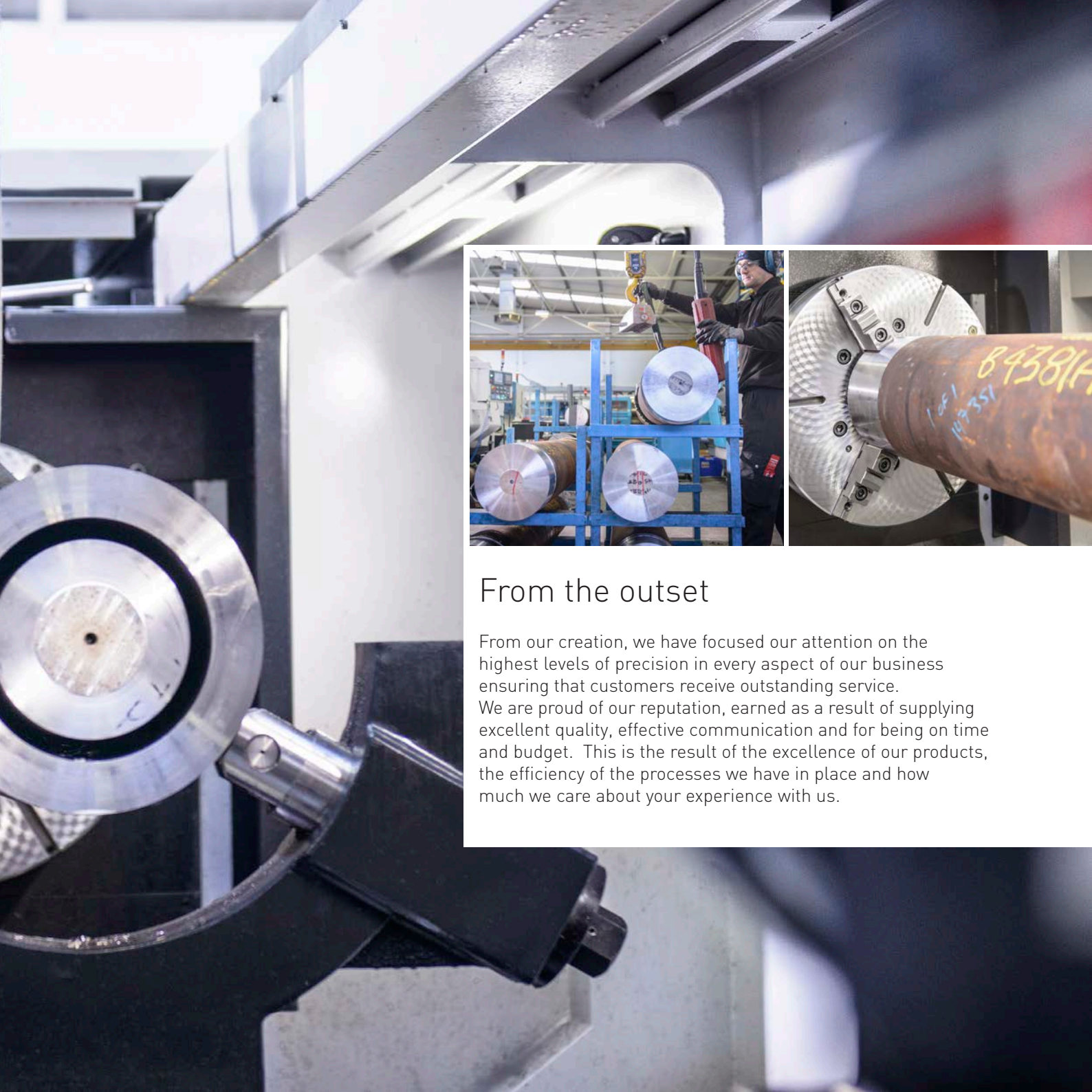
Maximum Over Cross Slide **550mm** 21.653"

Between Centres **4000mm** 157.480"

Minimum Trepanning Diameter **100mm** 3.937"

Maximum Trepanning Diameter **195mm** 7.677"





From the outset

From our creation, we have focused our attention on the highest levels of precision in every aspect of our business ensuring that customers receive outstanding service.

We are proud of our reputation, earned as a result of supplying excellent quality, effective communication and for being on time and budget. This is the result of the excellence of our products, the efficiency of the processes we have in place and how much we care about your experience with us.

Honing was the foundation of our business and remains a key element of our offering to customers.



CNC Honing

Decades of honing expertise continues to be enhanced through our investment in the latest CNC technology enabling much higher stock removal, whilst maintaining the exacting quality standards of surface finish and geometry on which our excellent reputation has been built.

Minimum Bore Diameter 1.5mm 0.059"
Maximum Bore Diameter 700mm 27.559"
Maximum O.A.L. 3500mm 137.795"
Bore Tolerance under 76.2mm/3" $\pm 0.002\text{mm}$ $\pm 0.00008"$
Bore Tolerance over 76.2mm/3" $\pm 0.05\text{mm}$ $\pm 0.002"$
Surface Finish (Drilling Only) 0.05μ 2V





15

Strong partnerships

We truly believe in the power of collaborative partnerships and actively seek and promote excellent working relationships to compliment our founding principles: to provide a flexible approach, whilst delivering a responsive and efficient service that not only meets, but truly exceeds, the exacting demands of the industries and customers we serve.

As masters of the art of deep hole boring, we provide the ultimate solution to the growing requirements from the petrochemical, hydraulic and aerospace sectors for precision bores greater than 20mm diameter.

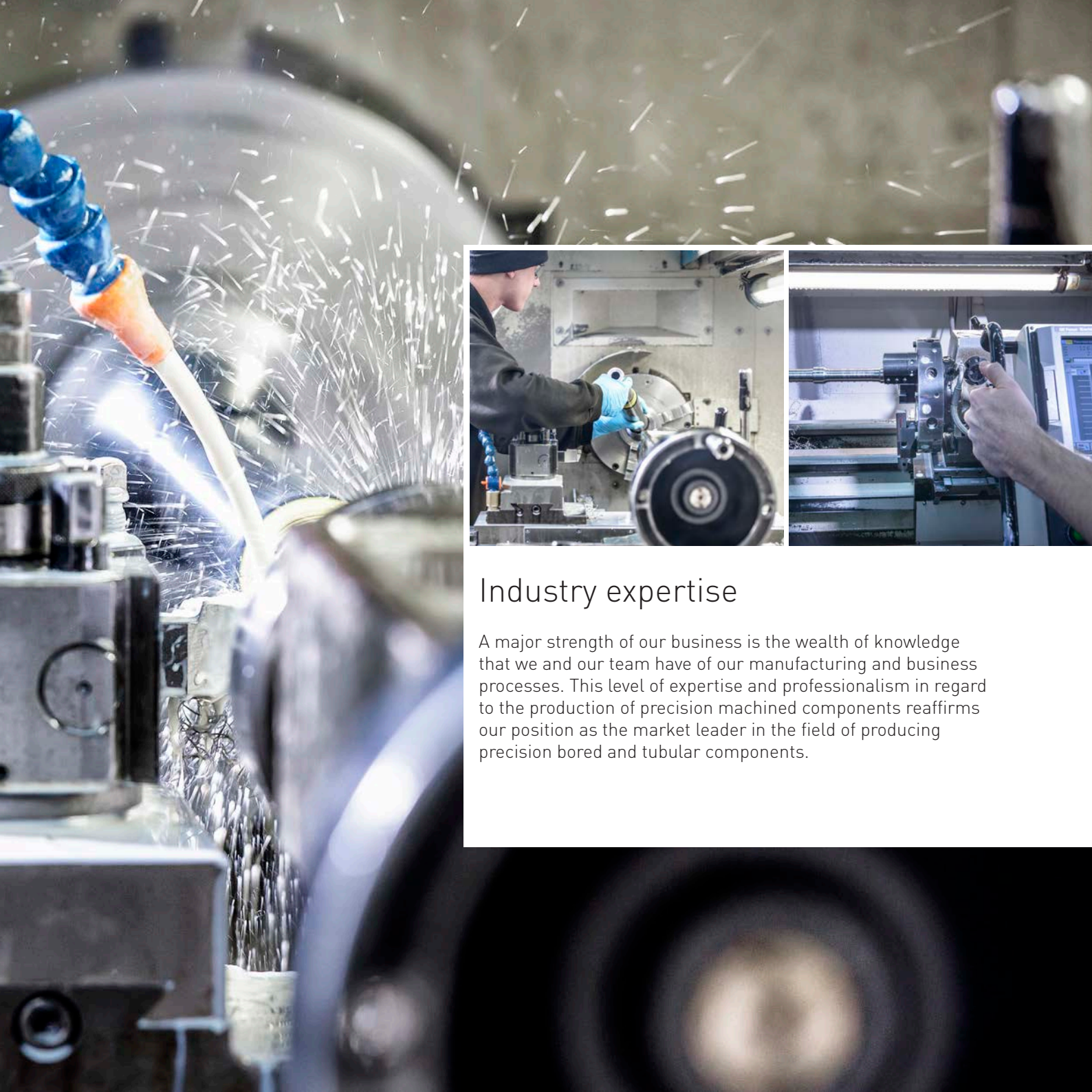


Deep Hole Boring

Utilising the latest in cutting and machine tool technology we achieve close tolerances, excellent accuracy and surface finishes second to none.

Minimum Bore Diameter 20mm 0.787"
Maximum Bore Diameter 200mm 7.874"
Maximum O.A.L. 2800mm 110.236"
Bore Tolerance under 76.2mm/3" $\pm 0.01\text{mm}$ ± 0.0004 "
Bore Tolerance over 76.2mm/3" $\pm 0.15\text{mm}$ ± 0.006 "
Surface Finish (Drilling Only) 1.6μ 63V
Accuracy (Drill Wander / T.I.R.) 0.025mm per 25.4mm 0.001" per 1" drilled





Industry expertise

A major strength of our business is the wealth of knowledge that we and our team have of our manufacturing and business processes. This level of expertise and professionalism in regard to the production of precision machined components reaffirms our position as the market leader in the field of producing precision bored and tubular components.

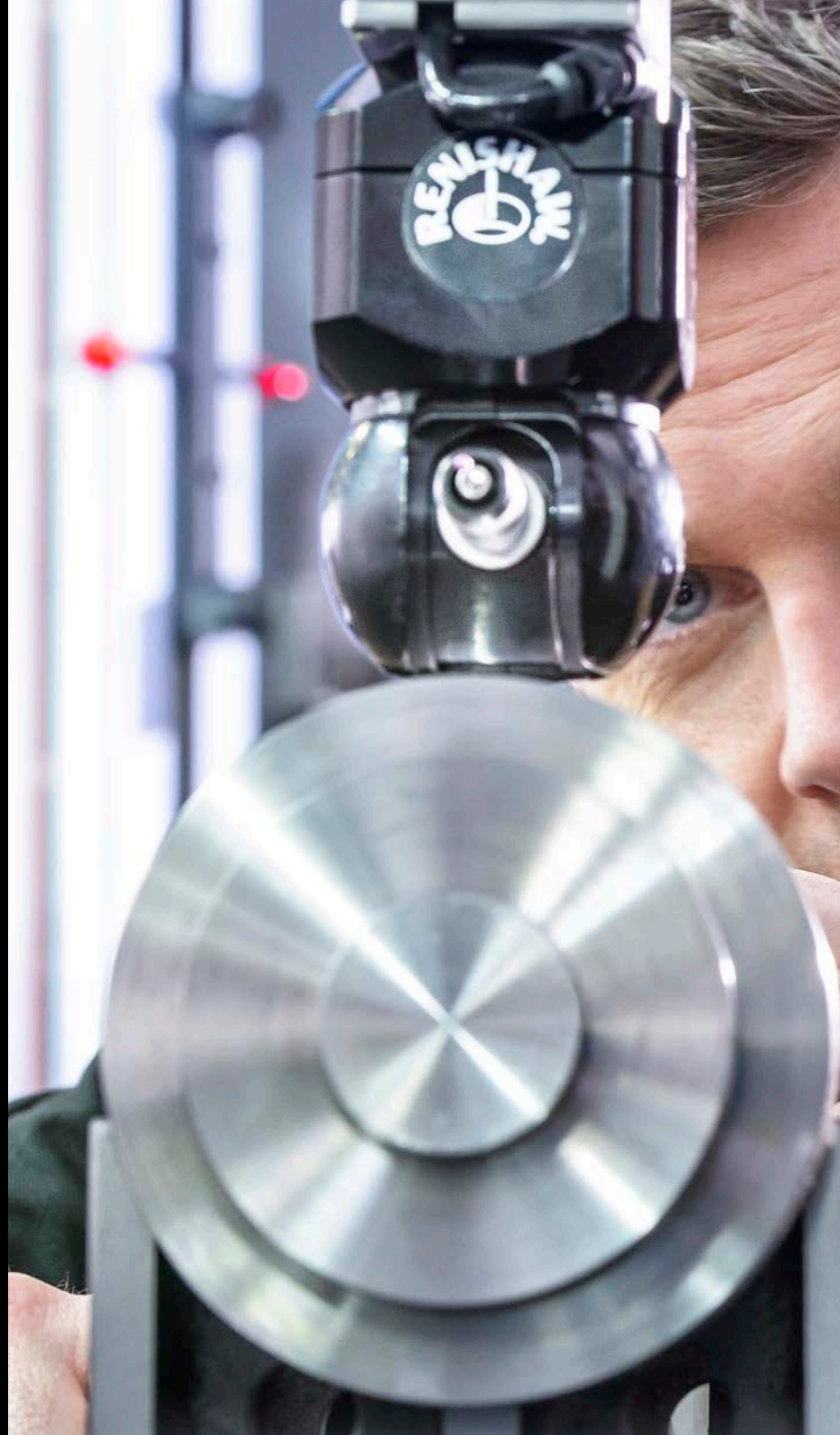
Combining the very best in technology and technical ability, our deep hole drilling department exceeds the needs of customers who have requirements for holes between 2mm diameter and 30mm diameter, to depths of up to 2500mm.

With an impressive selection of deep hole drilling machines at our disposal, we provide a highly cost-effective, rapid response solution to industries requiring the highest quality within the shortest possible time frame.



Deep Hole Drilling

Minimum Bore Diameter 2mm 0.0787"
Maximum Bore Diameter 30mm 1.181"
Maximum O.A.L. 2500mm 98.425"
Bore Tolerance under 76.2mm/3" ± 0.05mm ± 0.002"
Surface Finish (Drilling Only) 1.6μ 63V
Accuracy (Drill Wander / T.I.R.) 0.025mm per 25.4mm 0.001" per 1" drilled





Leading by example

Our continued investment in new machine tool technology and the skill levels of our highly qualified team enables us to maintain our leading position as a single source supplier of precision engineered components. This vital corporate investment policy creates an unsurpassed level of business excellence and reassurance for our customers who rely on us to provide exactly what they required, irrespective of size or industry sector.

When it comes to Gundrilling,
we are the specialist provider.

Our efficient and effective
management of the process is
continually meeting and exceeding
the demands of the petrochemical,
aerospace, automotive and
medical sectors, where demand
for deep holes between 3 and
25mm continues to grow.

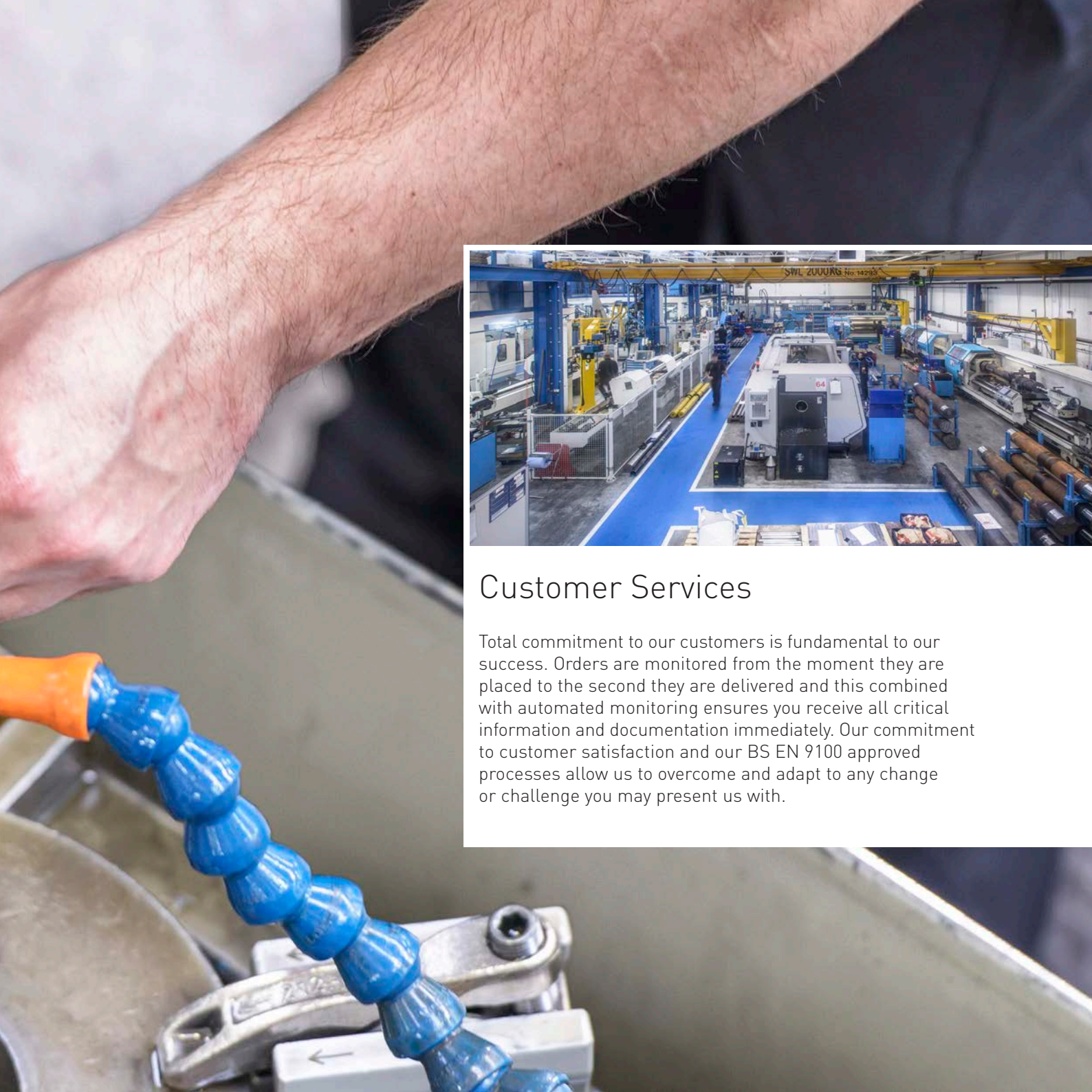
CNC technology enables us
to offer the highest degrees of
accuracy on PCD, angled and
positional drilling on a wide variety
of components both in tubular
and block form.



CNC Gundrilling

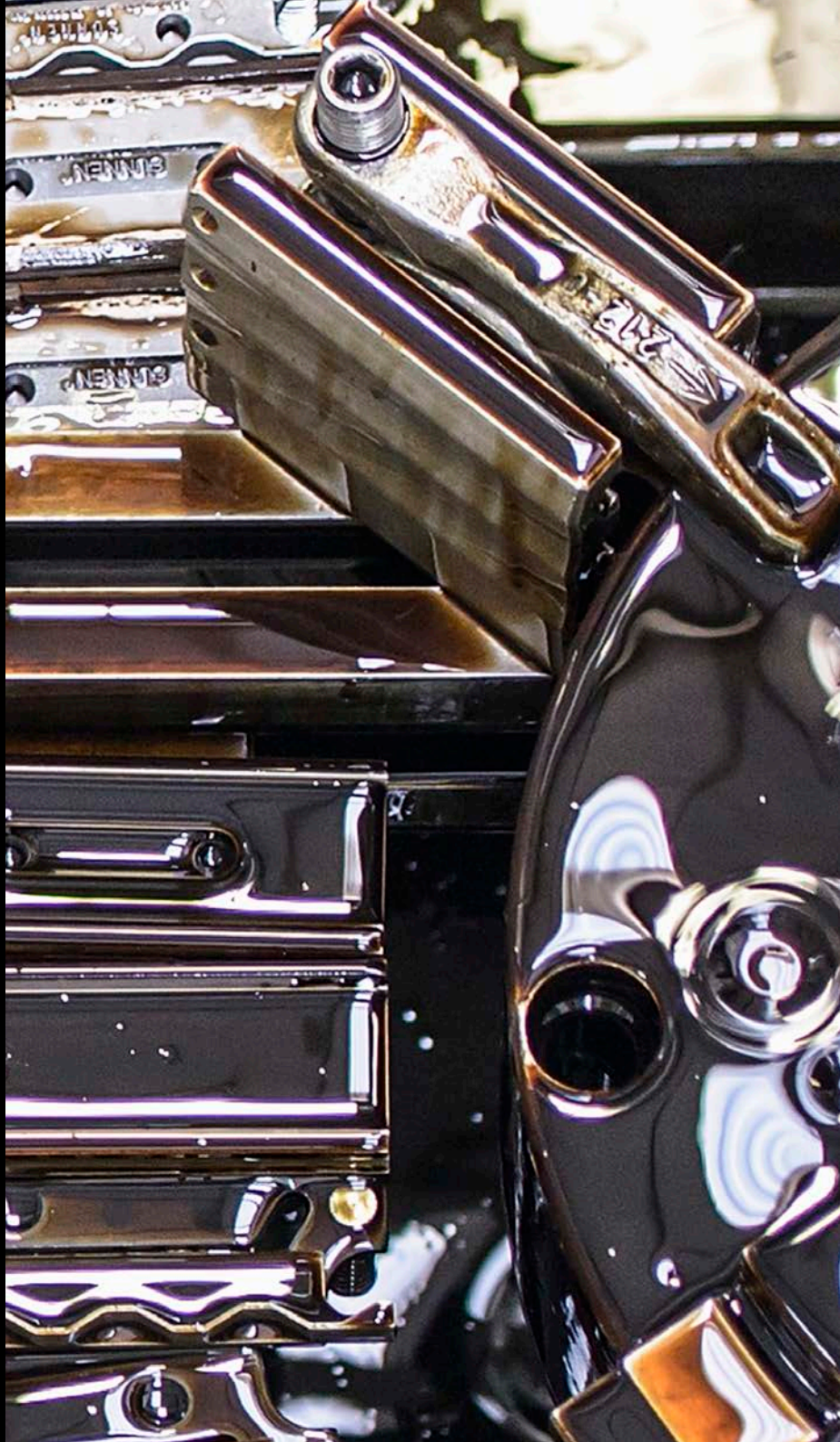
Minimum Bore Diameter 3mm 0.118"
Maximum Bore Diameter 30mm 1.181"
Maximum O.A.L. 2500mm 98.425"
Bore Tolerance under 76.2mm/3" ± 0.1mm ± 0.004"
Surface Finish (Drilling Only) 1.6µ 63V
Accuracy (Drill Wander / T.I.R.) 0.025mm per 25.4mm 0.001" per 1" drilled





Customer Services

Total commitment to our customers is fundamental to our success. Orders are monitored from the moment they are placed to the second they are delivered and this combined with automated monitoring ensures you receive all critical information and documentation immediately. Our commitment to customer satisfaction and our BS EN 9100 approved processes allow us to overcome and adapt to any change or challenge you may present us with.



designed and produced by www.stewerjant.co.uk 01784 268685



Hone-All

Hone-All Precision Limited
Cherrycourt Way, Leighton Buzzard
Bedfordshire LU7 4UH
Telephone 0845 5555 111

www.hone-all.co.uk