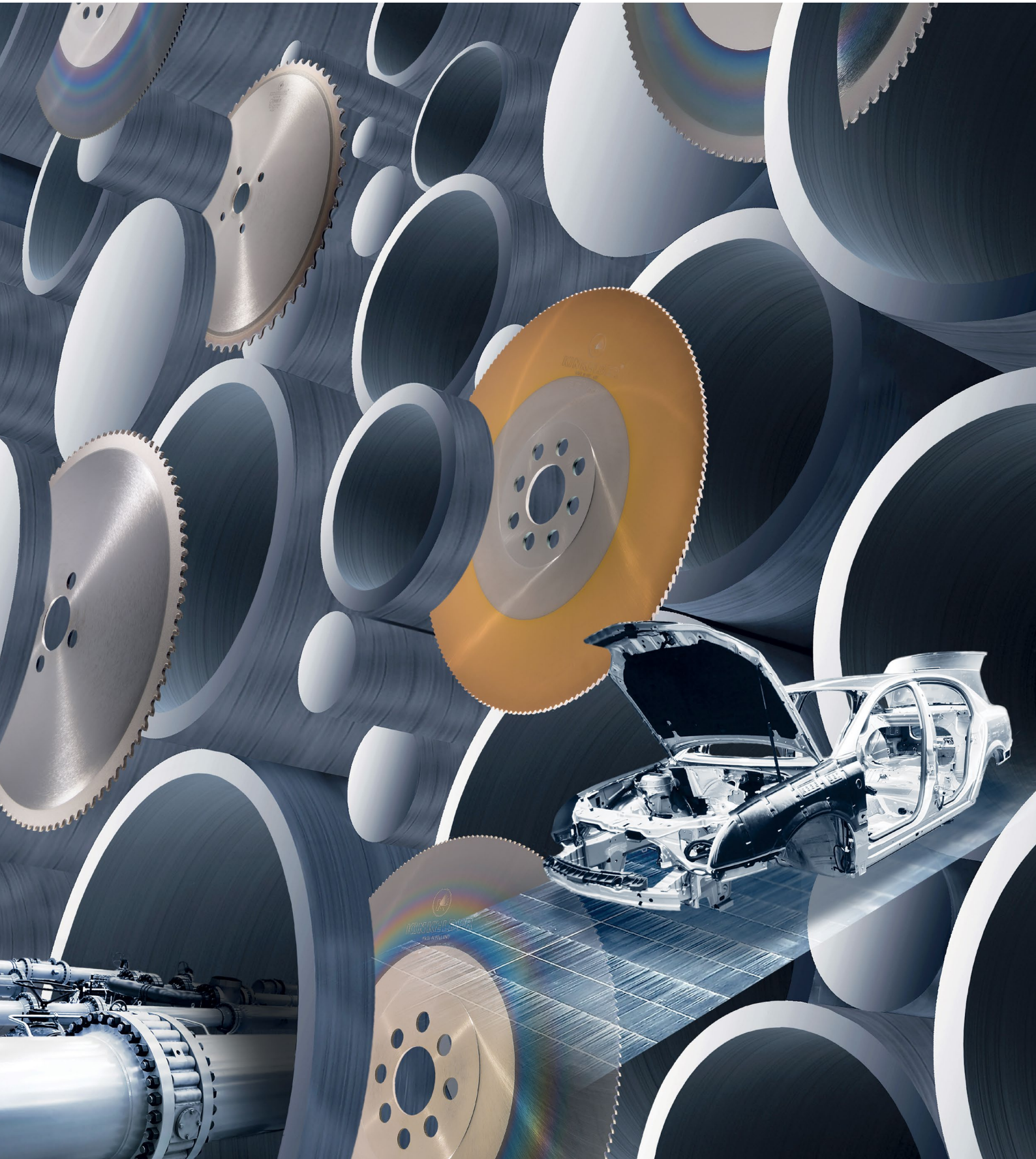
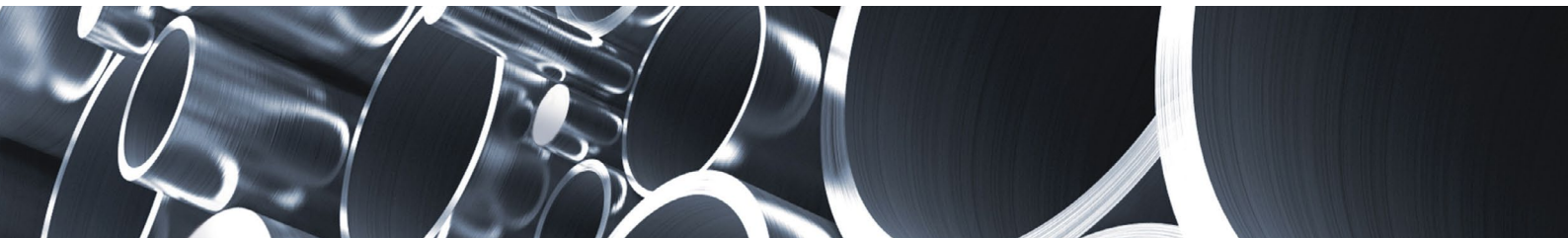




KINKELDER[®]
the cutting experts



PASSION TO PERFORM
Corporate profile



KINKELDER

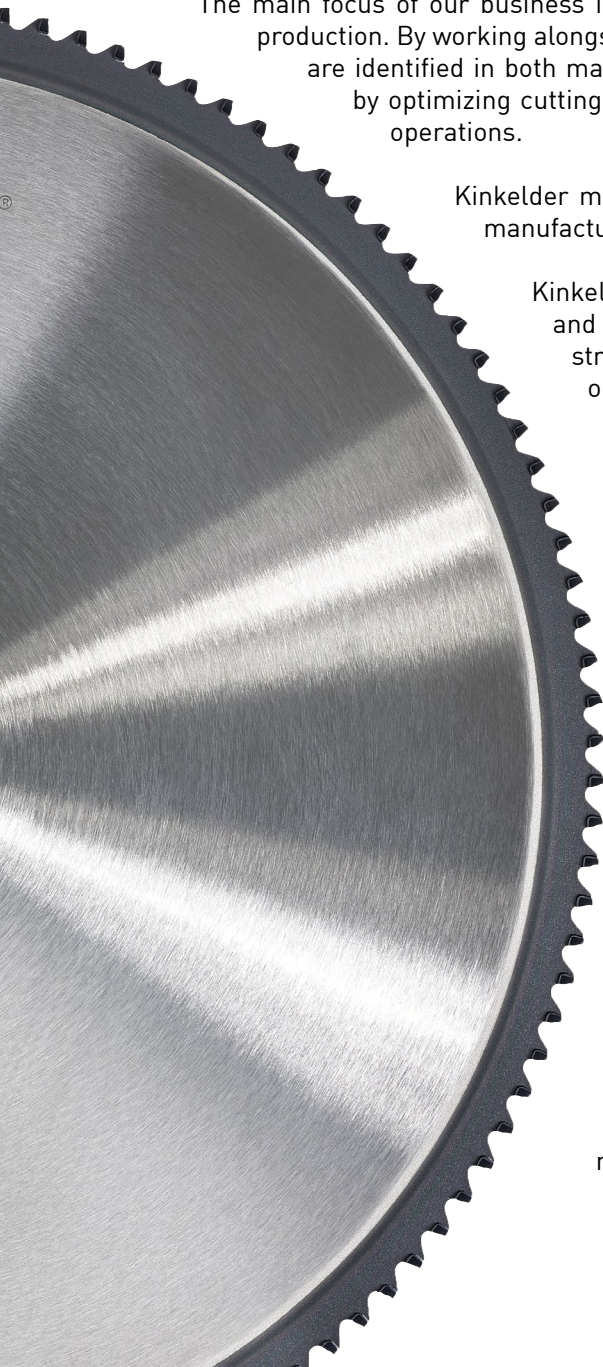
A company with vision

Industrial saw blade manufacturer Kinkelder tailors sawing solutions to the demands of professional cutting specialists. By means of our high technology circular saw blades, the latest developments in coating technology, metallurgy, precision grinding and technical support, we enable our customers to achieve their cutting objectives.

The main focus of our business is to understand and anticipate our customers' needs for reduced cost of production. By working alongside customers worldwide, sawing processes are analyzed and key variables are identified in both material and machine conditions. This enables us to reduce production costs by optimizing cutting finish and performance, and thus eliminating waste and costly secondary operations.

Kinkelder maintains an intensive network of technical expertise drawn from both the manufacturing- and academic tooling sectors.

Kinkelder's full commitment includes training, both within its own organisation and of its customers, as a route to greater production efficiency. By providing structured workshops, seminars and individual support we continuously raise our standards of quality and productivity.



HISTORY

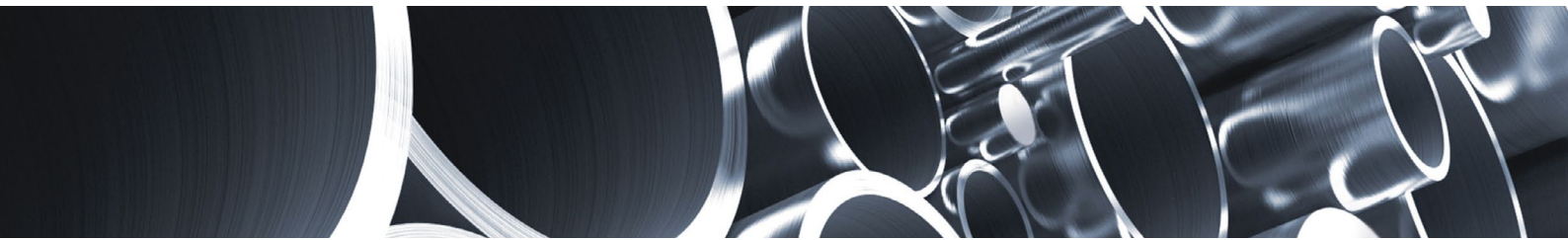
A wealth of experience

Kinkelder BV, located in the East of the Netherlands, was founded in 1945 and initially focused on the design and manufacture of agricultural spraying equipment.

In the early 1960's Kinkelder diversified into saw blade manufacture and by 1964 had installed manufacturing plant to produce HSS circular saw blades.

In its history, Kinkelder has gained a wealth of experience in application and manufacturing of circular saw blades. From the very first beginning, several innovations have led us to where we are today: one of the world leaders in circular saw blade technology.

The unique combined range of Kinkelder HSS-, TCT- and segmental saw blades offers cutting solutions for applications in automotive, tube manufacturing and all other metalworking industries.



INNOVATION

Research & Development

Every member of our team shares a passion for technology and understands technical demands to continuously refine tooling and sawing processes.

We thrive on the challenges laid down by our customers no matter how improbable they might appear. With access to in-house "state of the art" sawing machines for tubes and solids, our Research & Development team enables solutions for specific clients' needs.

Our location in the East of The Netherlands puts us close to the leading players in European research and development in both materials science and machine tool manufacture. Developing joint projects with universities, cutting contractors and machine manufacturers, the resulting data enables application of structured knowledge to the clients' shop floor.

By collating the data from these projects we are able to transfer the knowledge in a structured form directly to the shop floor of our customers. For our own production we directly influence the suppliers of our manufacturing plant to improve the precision and consistency of their equipment to meet our ever more demanding quality standards.

This way we are able, not only to improve the performance of our original equipment saw blades, but also to maintain that performance throughout its service life.

By taking this proactive strategy to R&D, we stay ahead of the market and maintain our leading position in high efficiency cutting. Our focus is always on reducing the total cost of the sawing process in challenging technical environments. This philosophy has taken us to a leading global position in product innovation and quality, productivity expertise, consultancy and troubleshooting capabilities.



PRODUCTS

Overview of the Kinkelder saw blades

TUNGSTEN CARBIDE TIPPED (TCT)- AND CERMET BASED CIRCULAR SAW BLADES



SPEEDMASTER

For single and twin flying cut-off with small or no ID-scarf. Less downtime, high output.



SCARFMASTER

For single and Twin flying cut-off with heavy ID-scarf. Less downtime, high output.



TUBEMASTER

For orbital flying cut-off on tube mills. Also available for stainless steel



Champion TL
TUBE - LOW TENSILE STRENGTH

For cutting low tensile (< 850 N/mm²) tubes on heavy duty stationary sawing machines. Also available for multicut machines.



Champion TH
TUBE - HIGH TENSILE STRENGTH

High performance cutting of thin- and medium wall drawn tubes and high tensile tubes (< 1.800 N/mm²)



Champion SL
SOLID - LOW TENSILE STRENGTH

High performance cutting of low and medium strength (400 - 800 N/mm²) solid bar



OX SERIES 1 M

Cutting solid steel with a tensile strength between 500 and 900 N/mm² on high performance machines



OX SERIES 1 H

Cutting hard solid steel >900 N/mm² and ferritic, martensitic and duplex stainless steel bars Ø > 35 mm on high performance machines



OX SERIES 3

Ideal for cutting steel tubes on high performance automatic sawing machines



OX SERIES 4

High performance cutting of stainless steel tubes with perfect surface finish on automatic machines



OX SERIES 5

High performance cutting of high hardness thin walled tube, also on light sawing machines



OX SERIES 6 S

Cutting austenitic, ferritic, martensitic and duplex stainless steel bars with a diameter ≤ 35 mm



OX SERIES 6 L

Ideal for cutting austenitic stainless steel bars with a diameter > 35 mm



OX SERIES 7

High performance cutting of solid steel with a tensile strength up to 750 N/mm²

HIGH SPEED STEEL (HSS) CIRCULAR SAW BLADES



Low friction multilayer PVD coating, stable, flat hub and optimized surface finish for cutting high tensile steel tubes & profiles



Stable PVD coated saw blade with vibration-reducing thin kerf and superior surface finish for cutting thin walled tubes and profiles



Low friction multilayer PVD coating for high speed cutting of high tensile (carbon) steel on extremely demanding applications (also flying cut-off)



Dedicated thin PVD coating with very high temperature resistance and stable flat hub for cutting stainless steel tubes and profiles



Special, temperature resistant, thin PVD coating and thinned cutting area for cutting (very) thin walled (stainless) steel tubes and profiles



Dedicated thin PVD coating with very low friction coefficient for cutting stainless steel and (thin walled) steel tubes. Also suitable for flying cut-off.



Cost effective, allround HSS saw blade for tubes and profiles in (stainless) steel. Also suitable for flying cut-off.



TiN coated HSS saw blade for reduced cutting time on mild steel tubes, profiles and solids



The standard HSS saw blade for all structural- and non-alloyed tool steel tubes, profiles and solids

In addition to the saw blades above, Kinkelder also offers the following blade types:

- HSS Bright saw blades
- Segmental saw blades
- Band saw blades

For the full range of Kinkelder saw blades, please check www.kinkelder.com or download the Kinkelder saw blades app for IOS and Android.

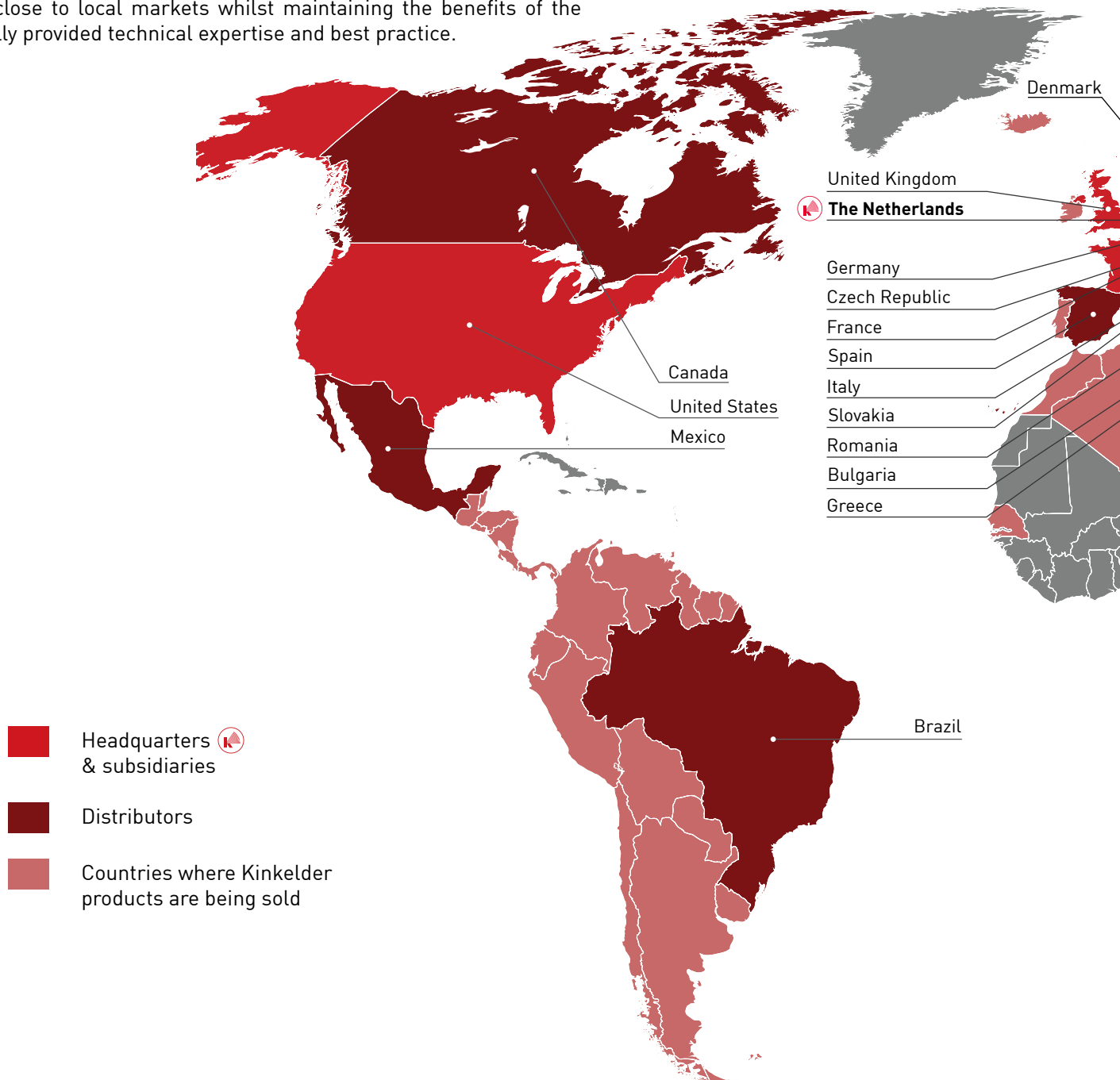


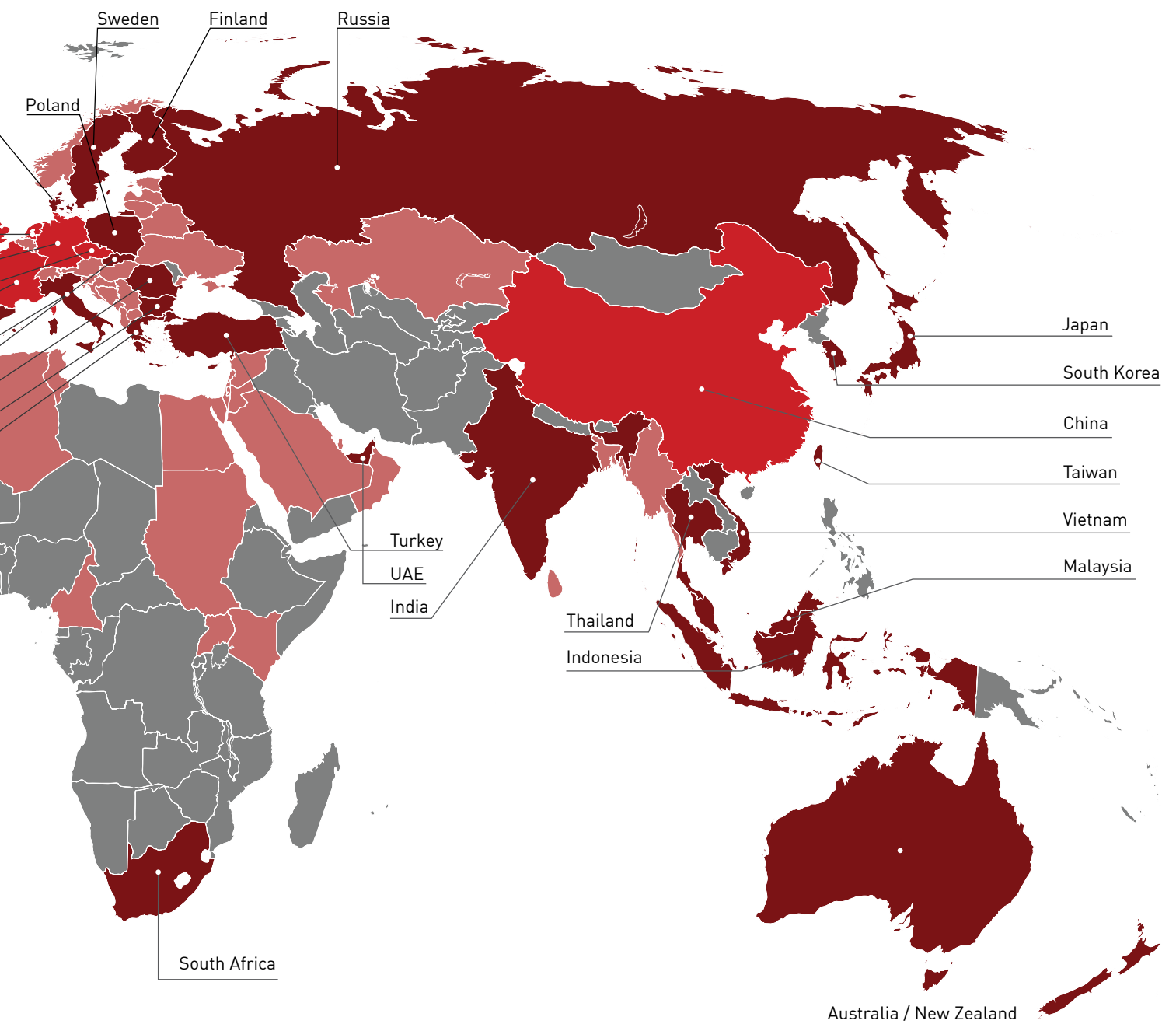
NETWORK

A worldwide connected company

With corporate headquarters, a manufacturing plant in the Netherlands and subsidiaries in Belgium, China, Czech Republic, France, Germany, the UK and the USA, Kinkelder products are exported all over the world.

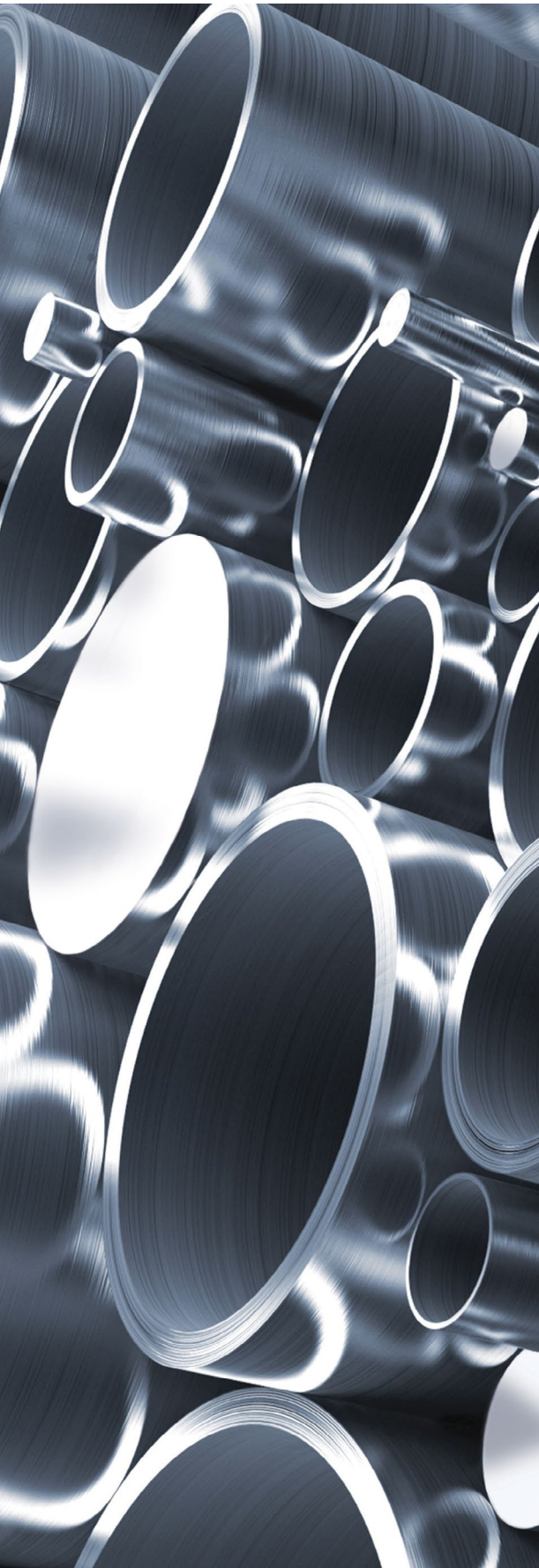
A network of subsidiaries and distributors in nearly 80 countries enables Kinkelder to be close to local markets whilst maintaining the benefits of the centrally provided technical expertise and best practice.







KINKELDER[®]
the cutting experts



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