



Loader Tines

HIGH QUALITY PARTS FOR YOUR FARMING NEEDS



WWW.DNL.GROUP

For Your Farming Needs

CONTENTS



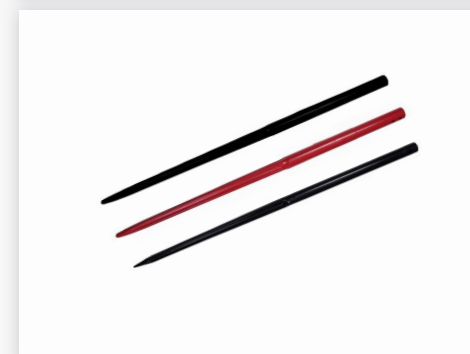
01
About Company



06
Loader Tines to Fit



10
Kverneland Tines to Fit



13
Loader Tine Fitted with Bolt

ABOUT COMPANY



150+
CUSTOMERS



45+
COUNTRIES

Qingdao D&L Group Ltd. is a professional manufacturer on design, manufacture, sales, and service in agriculture accessories.

With more than 20 years of operation improvement and experience, Qingdao D&L has grown to become a modern group with series of products for agriculture, including loader tines, cultivation and plough parts, etc.

We are one of the leading manufacturers of agricultural accessories in China.

Focusing on the technical innovation and new products development, we are offering high quality products to meet our customer's various of requirements.

With top-of-the-line production technology, an effective quality management system, and excellent after-sales service, Qingdao D&L Group Ltd. has achieved good reputation and trust in the agriculture industry, as well as among our existing clients.

Our high-quality products are popularly used in European and American market for more than 150 customers in over 45 countries.

EXCEPTIONAL QUALITY&SERVICE



With the company focus of “exceptional quality and services”, Qingdao D&L Group Ltd. serves all our clients with patience, expertise, and attentiveness.

We strictly control quality in every production process from raw materials to heat treatment, etc.

Through continuous improvement, we aim to ensure the satisfaction of our customers even on the smallest details. This results in our promise and popular reputation in the European and American markets.



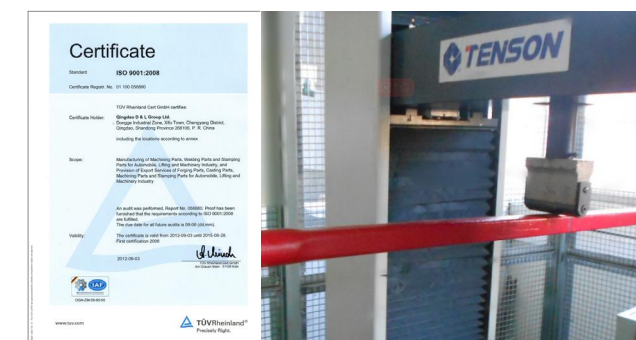
Material

- High quality spring steel material.
- Environmentally friendly powder coating.



Quality Control

- Heat-treated, hardened and tempered...
- Every product is inspected and so subjected to 100% quality control.
- Strictly follows the ISO9001 standard.



SINCE 1999

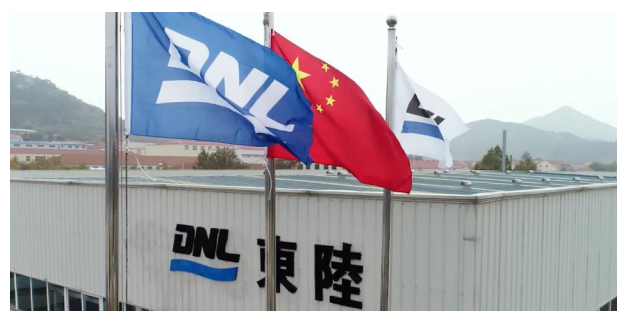
ABOUT INNOVATION

The principles of success at Qingdao D&L Group Ltd. , is our constant chase for improvement and perfection, which leads us to consistently search for weakness, explore potential possibilities and learn new knowledge. Our R&D team studies the demands from clients every day, with the aim to provide the best new designs and solutions that satisfy every requirement. Our unique brand value is achieved through our customer experience, innovation, and our never-ending curiosity for future improvements.



Design and R&D.

- Our professional and efficient R&D team provides customized product solution and design, ensuring the usability of our products in variety of agriculture accessories.
- Corresponding to our customer growth, we are constantly improving our technology, production, and services based on the belief that our customers deserve the best.



PUNCTUAL DELIVERY

With more than 20 years of development and experience, Qingdao D&L Group Ltd. has established an excellent production management system in our factory that allows our high-quality products to be delivered to customer's warehouse in a timely manner. With the implementation of advanced automatic production equipment and logistics storage equipment, accompanied by professional project management team, we are able to focus on punctual delivery as we place that our clients' time as a priority.



Improvement Production

- Heat-treated, hardened and tempered, cone CNC machined, straightened and powder-coated.
- These, in conjunction with the production process we use, provides the guarantee of the best quality and production combined with high flexibility.



Warehouse and Logistics

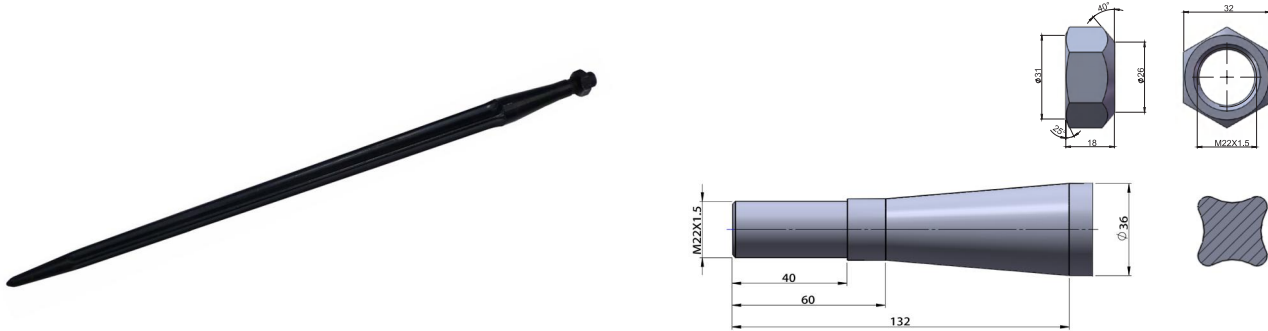
- Advanced logistics management system





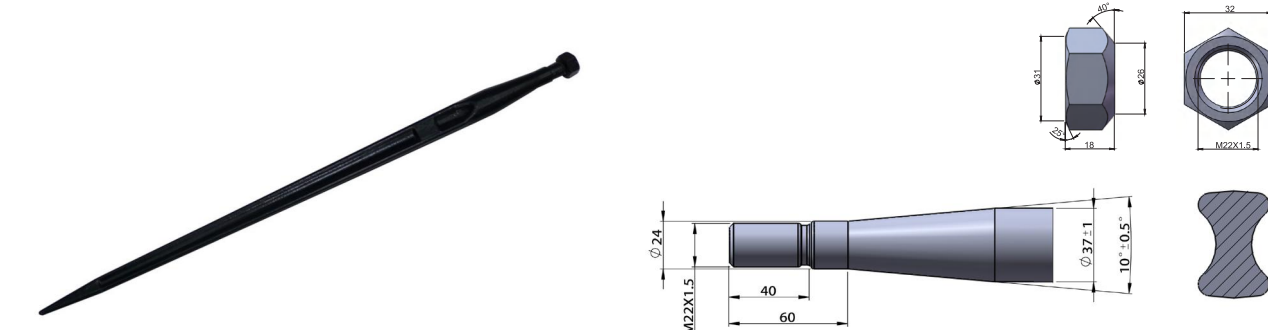
Loader Tines to Fit

Straight Tines with Nut No. 2502-221832



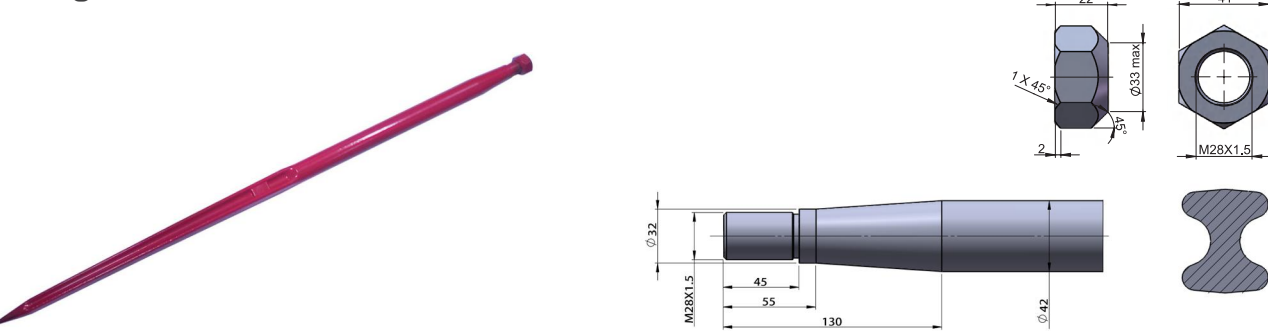
Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2236815	φ36 mm	815	M22×1.5	3.1

Straight Tines with Nut No. 2502-221832



Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2237810	φ37 mm	810	M22×1.5	3.1

Straight Tines with Nut No. 2502-282241

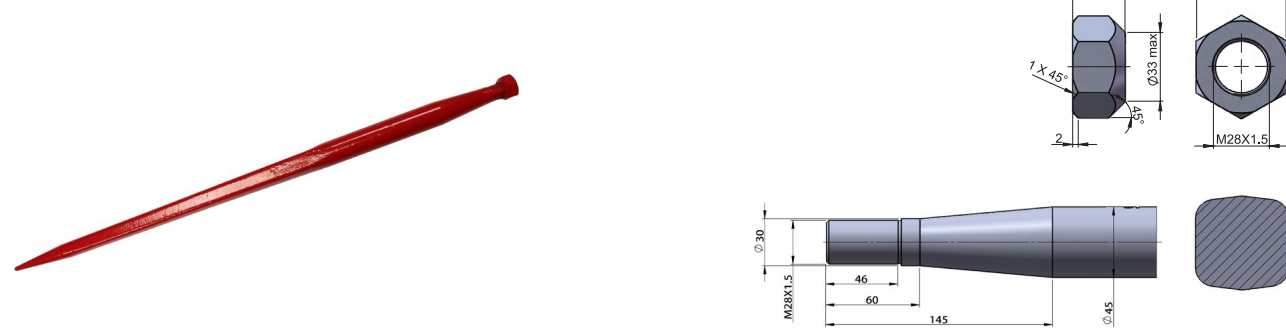


Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-284290	φ42 mm	900	M28×1.5	5
2501-2842120	φ42 mm	1200	M28×1.5	9
2501-2842140	φ42 mm	1400	M28×1.5	11



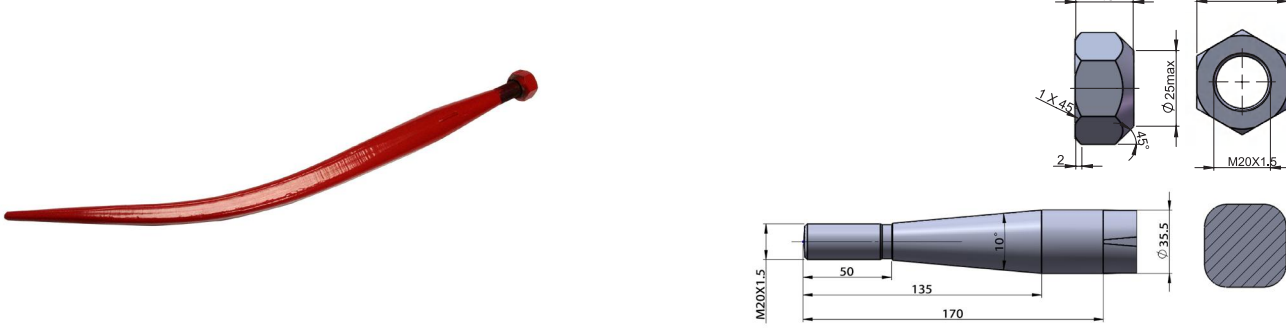
Loader Tines to Fit

Straight Tines with Nut No. 2502-282241



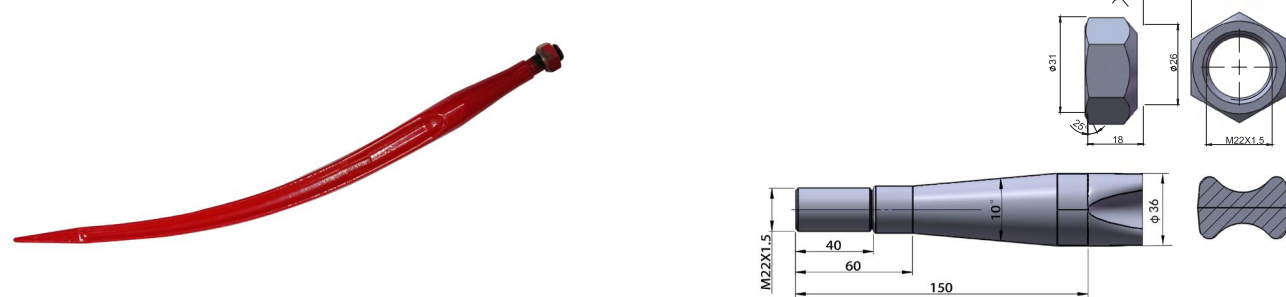
Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2845985	φ45 mm	985	M28×1.5	7

Curved Tines with Nut No. 2502-201932



Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2036600	φ36 mm	585	M20×1.5	2.7

Curved Tines with Nut No. 2502-221832

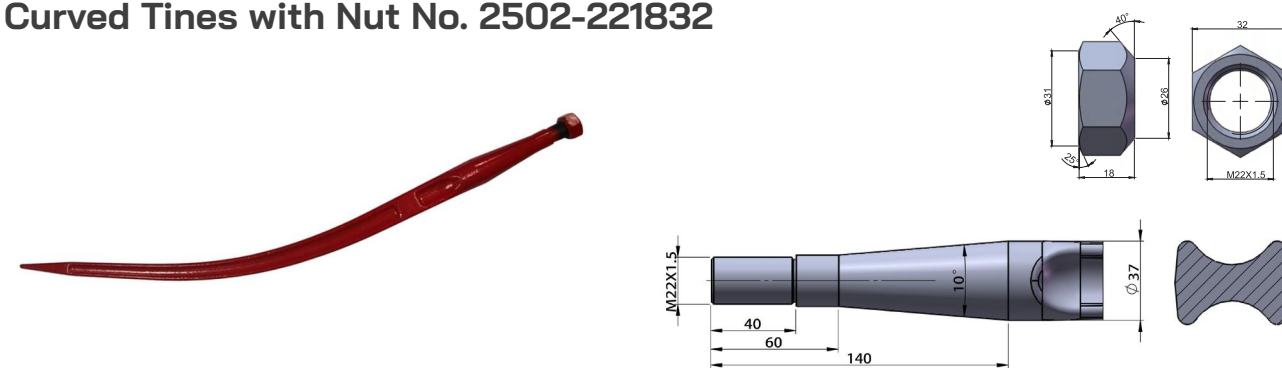


Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2236660	φ36 mm	660	M22×1.5	2.67



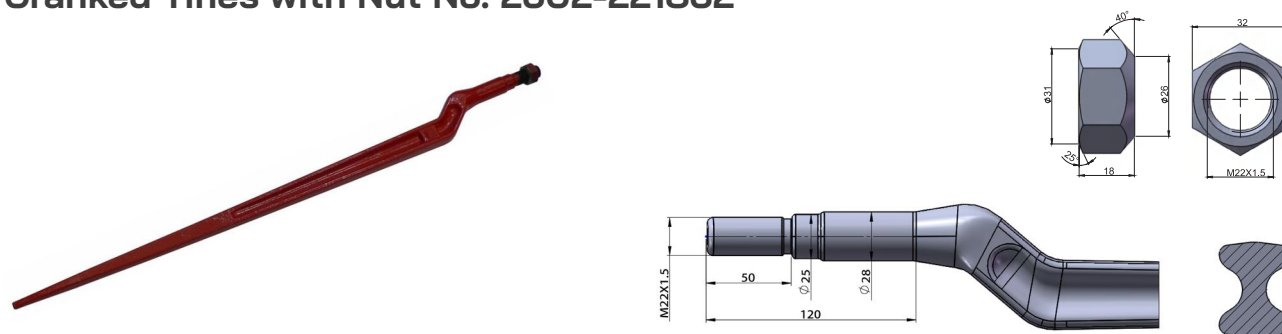
Loader Tines to Fit

Curved Tines with Nut No. 2502-221832



Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2237770	φ37 mm	770	M22×1.5	3.3

Cranked Tines with Nut No. 2502-221832

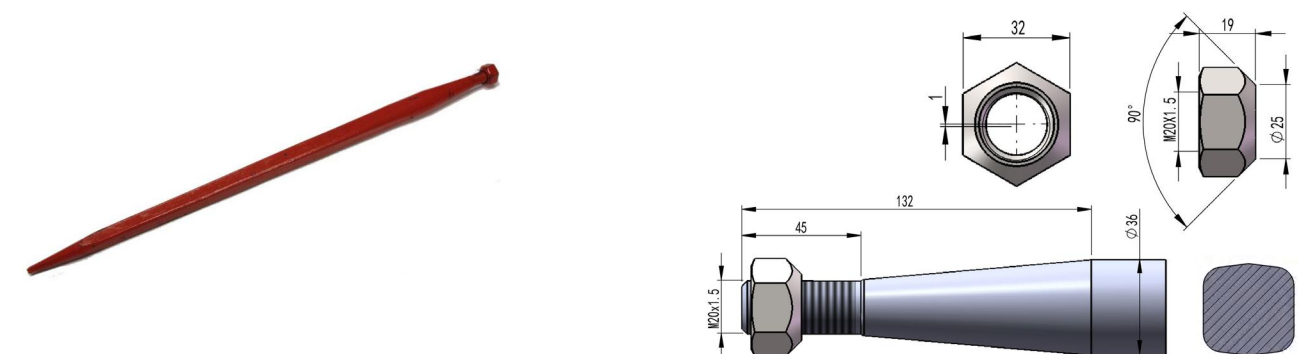


Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-2236895	φ36 mm	895	M22×1.5	3.6



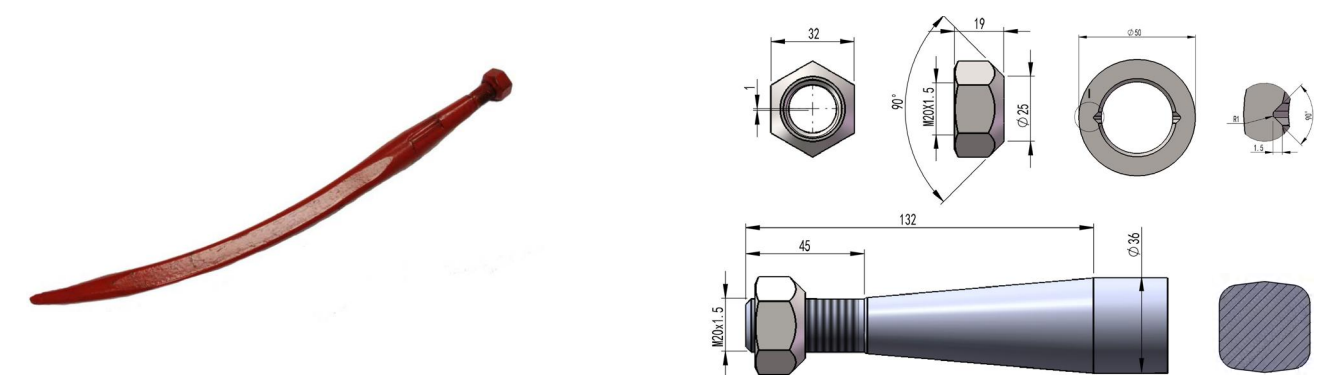
Kverneland Tines to Fit

Straight Tines, Conus I with Eccentric Nut No. 2512-221202



Art.No	Diameter (mm)	Length(mm)	Thread	Weight(kg)
2511-221150	Φ36	600	M20×1.5	2.60
2511-221193	Φ36	680	M20×1.5	3.50
2511-221151	Φ36	810	M20×1.5	4.10
2511-221155	Φ36	1000	M20×1.5	4.80
2511-221152	Φ36	1100	M20×1.5	4.80
2511-221153	Φ36	1250	M20×1.5	5.00
2511-221156 with spoon	Φ36	1100	M20×1.5	4.80
2511-221157 with spoon	Φ36	1250	M20×1.5	5.00

Curved Tines, Conus I with Eccentric Nut No. 2512-221202

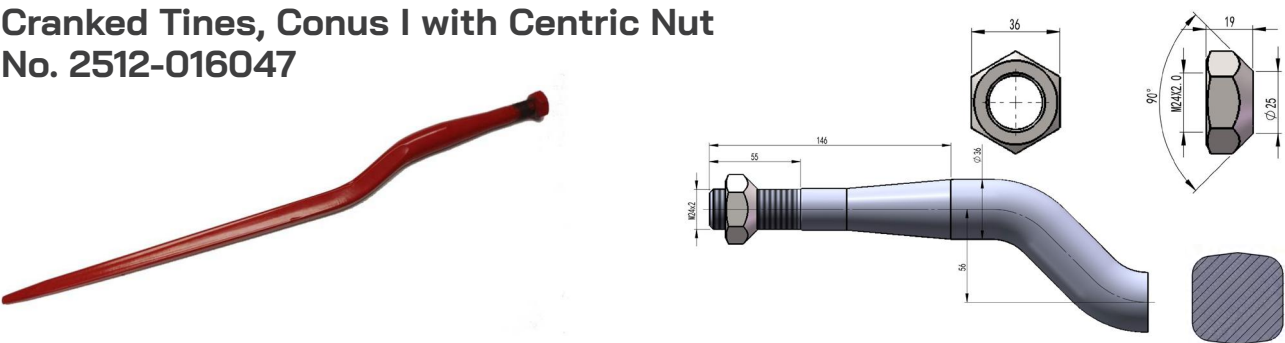


Art.No	Diameter (mm)	Length(mm)	Thread	Weight(kg)
2511-221191	Φ36	600	M20×1.5	2.6
2511-221194	Φ36	680	M20×1.5	3.5
2511-221192	Φ36	810	M20×1.5	4.1
2511-221130	Φ36	1000	M20×1.5	5.1



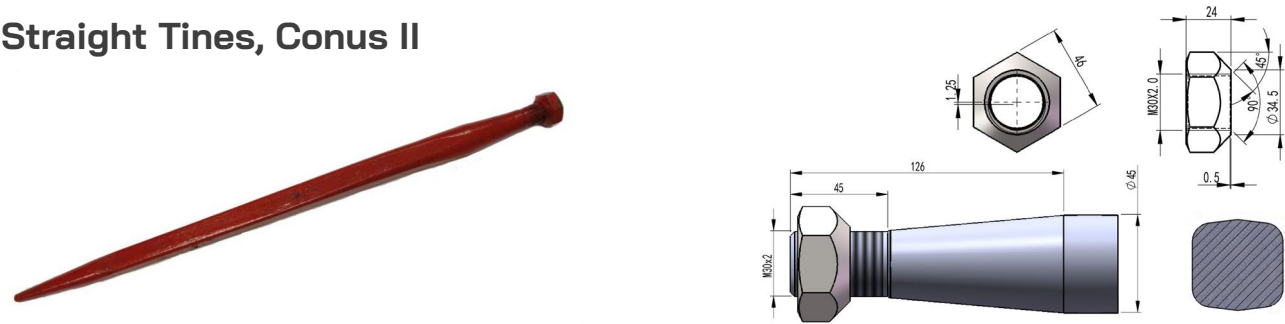
Kverneland Tines to Fit

Cranked Tines, Conus I with Centric Nut
No. 2512-016047



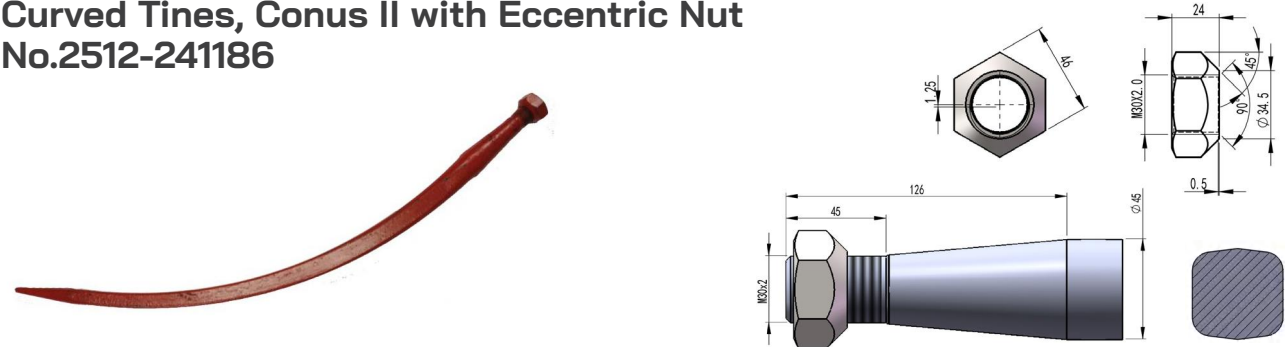
Art.No	Diameter (mm)	Length(mm)	Thread	Weight(kg)
2511-221195	Φ36	820	M24×2	4.2
2511-221197	Φ36	920	M24×2	4.7

Straight Tines, Conus II



Art.No	Diameter (mm)	Length(mm)	Thread	Weight(kg)
2511-241160	Φ45	820	M28×1.5	6
2511-241161	Φ45	985	M28×1.5	6.7
2511-241166	Φ45	1100	M28×1.5	7.2
2511-241162	Φ45	1250	M28×1.5	9.6

Curved Tines, Conus II with Eccentric Nut
No.2512-241186

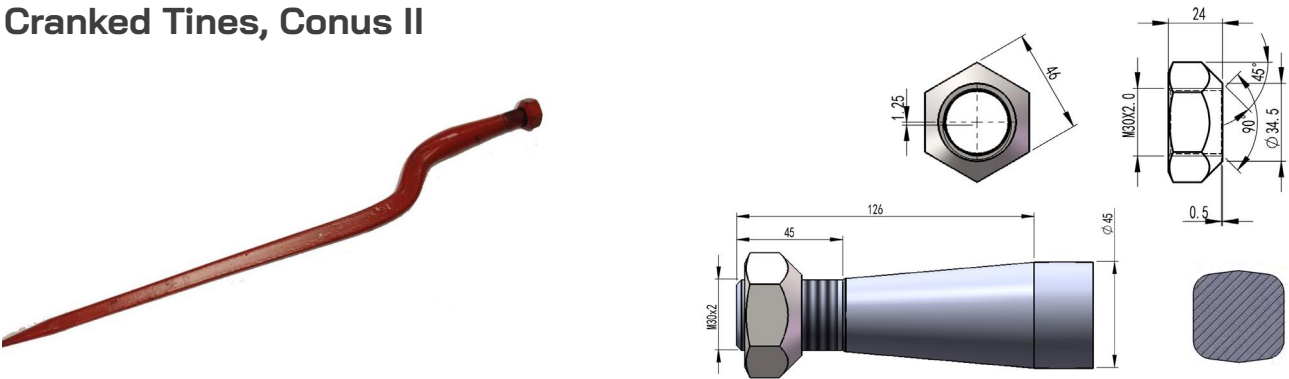


Art.No	Diameter (mm)	Length(mm)	Thread	Weight(kg)
2511-241164	Φ45	980	M30×2	6.7



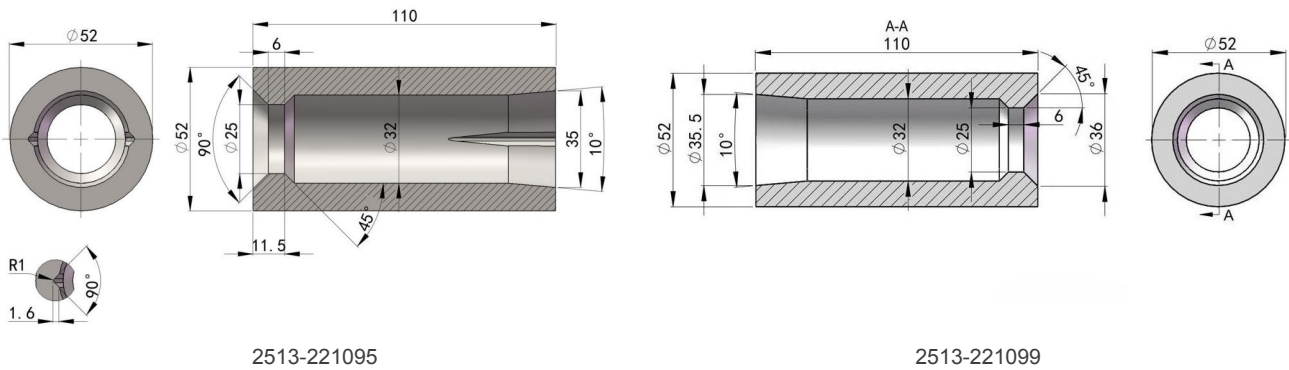
Kverneland Tines to Fit

Cranked Tines, Conus II

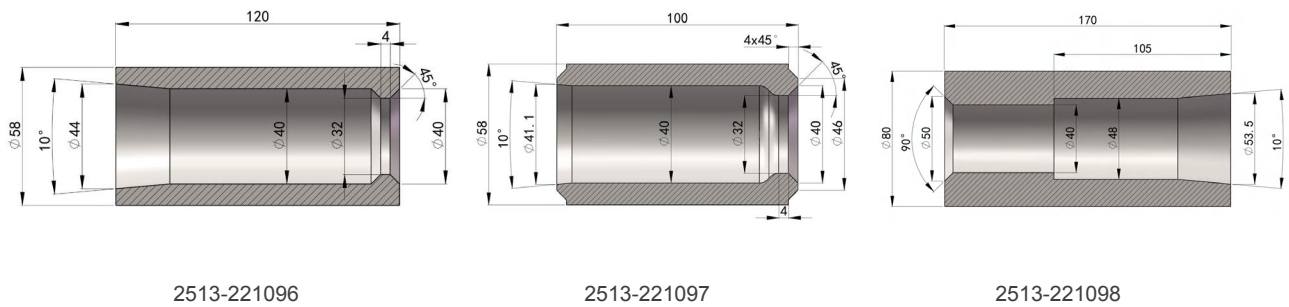


Art.No	Diameter (mm)	Length(mm)	Thread	Weight(kg)
2511-241181	Φ45	960	M30×2	6.7

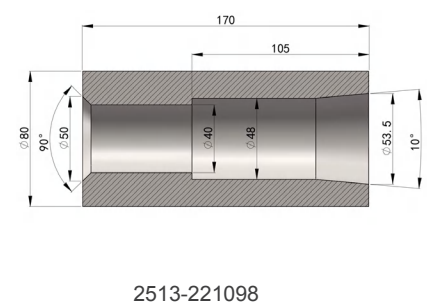
Bush for Conus I Tines



Bush for Conus II Tines



Bush for Conus III Tines





Loader Tine Fitted with Bolt

Straight Tines fitted with Bolt , 1Xφ14mm Hole



Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-42800	φ42 mm	800	-	4.8
2501-42120	φ42 mm	1200	-	8.8

Straight Tines fitted with Bolt , 2Xφ10mm Hole



Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-40100	φ40 mm	1000	-	6.28

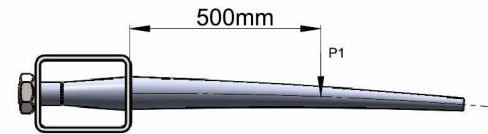
Straight Tines fitted with Bolt , 1Xφ17mm Hole



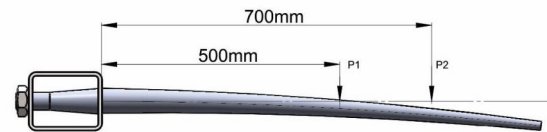
Art.No	Diameter(mm)	Length(mm)	Thread	Weight(kg)
2501-55152	φ55 mm	1525	-	22

Load Test

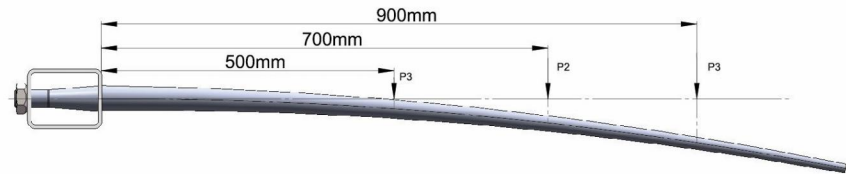
According to different diameters and different lengths of the tines, load is added to the tine several times at fixed positions with a maximum load without permanent deformation.



Diameter(mm)	Length(mm)	Distance from the Mounting Tube	Load
36	800	500mm	P1=8000N
45	800	500mm	P1=15000N



Diameter(mm)	Length(mm)	Distance from the Mounting Tube	Load
36	1000	500mm	P1=5000N
		700mm	P2=8000N
45	1000	500mm	P1=8000N
		700mm	P2=15000N



Diameter(mm)	Length(mm)	Distance from the Mounting Tube	Load
36	1250	500mm	P1=5000N
		700mm	P2=6000N
		900mm	P3=8000N
45	1250	500mm	P1=8000N
		700mm	P1=12000N
		900mm	P1=15000N

WWW.DNL.GROUP



QINGDAO D&L GROUP LTD.

Add: 24B, Huaren International Mansion, 2 Shandong Road, Qingdao, China 266071

Tel: +86-532-86676666

Email: info@dnl.com