



Bullseye November 2015

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Product In Focus - Meritor Universal Joints

Features & Benefits

- Glass reinforced nylon thrust washer
- Eliminates end galling
- Absorbs metallic debris
- Lube channels ensure even distribution of lubricant
- Eliminates metal to metal contact and significantly increase "life"
- Centre point cover plate and domed cup minimise weld distortion, control deflection and provide a strong assembly for increased weld penetration
- Triple lip sealing system keeps lubrication in and contaminant out, for longer life
- Precision-ground, large diameter trunnions over the needle bearing area provide superior strength to lower contact stress and a quick trouble free installation
- Superior bearing package includes an innovative needle retention design to ensure correct assembly
- Protective metal dirt shield deflects water and dirt
- 80,000kms service intervals for Australian on-highway applications
- Designed for both on and off highway applications



DRIVELINE SERIES	FULL ROUND DESIGN	EASY SERVICE DESIGN
16N	M279X	M674X
17N	M280X	M675X
176N	M407X	M677X
18N	M281X	M676X



New Products & Supersessions

New Products

Part Number	Description
18N43691X	End Yoke Assy, replaces 6.5.4.3691X
17N47771X	End Yoke Assy, replaces 6.4.7771X
18N44611X	End Yoke Assy, replaces 6.5.4.4611X
170TYS383A1	End Yoke Assy, replaces 170.4.591.1X
250N7018X	Retainer Strap Kit SPL250 series, replaces 250.70.18X
18N31371XML	Slip Yoke MXL 1810 series, replaces 6.5.3.1371KX
170TYS321A	End Yoke SPL170 series, replaces 170.4.671.1X
17N46021X	End Yoke 1710 series, replaces 6.4.6021X
17N48531X	End Yoke 1710 series, replaces 6.4.8531X
17N32401XML	Slip Yoke MXL 1710 series, replaces 6.3.3441KX

All parts displayed above will be available for immediate ordering. Lead times apply for the listed items.
Not all parts are available to Independent Customers.
Please contact Meritor Customer Service on (03) 8353 6050 for further information.

For a full list of supersessions, please [Click Here](#).



Getting Technical - Universal Joints

- 1 Centre-point cover plate & domed cup
- 2 Glass-reinforced nylon thrust washer
- 3 Retained needle bearings
- 4 Superior bearing package
- 5 Precision-ground large diameter trunnions
- 6 Advanced Nitrile, triple-lip sealing systems
- 7 Corrosion resistant seal guard



Meritor Experts Discuss Best Practices for Choosing the Right Universal Joint

A universal joint must be able to deliver brute power and high torque from a big diesel engine (or a large displacement gasoline engine) into a rear axle (or axles) in order to drive a fully loaded truck Sydney to Perth, or Adelaide to Darwin.

All that horsepower and torque won't help deliver your payload if the universal joints fail. Remember, downtime regardless of truck, payload or destination, is extremely costly to trucking fleets, and independent truck operators. Universal joints work full-time every kilometre driven and are an important part of the entire drivetrain.

Only Meritor universal joints offer the below features and benefits you should consider when choosing driveline components for your vehicles;

Nylon Thrust Washer – Eliminates metal to metal contact, reducing wear and extending life.

Seal (Advanced nitrile, triple-lip system) – Meritor MXL series have superior sealing characteristics with triple-lip seal and protective metal deflector. This keeps lubrication in, and contaminants out, reducing wear and extending life.

Bearings (38 Superior Long Bearings Package) – Larger contact surface (20% more than other competitors) and a robust bearing retention system provides superior clamping force and eliminates spinning cups.

Extended Lube Intervals – Meritor MXL series lube interval is 3x longer than other competitors.

These Meritor universal joint components have been linking transmissions and drive axles for trouble-free driving for decades and continue to innovate with 100-plus years of driveline technology development experience.

As a world leader in providing aftermarket solutions for the global heavy commercial vehicle markets, Meritor is committed to providing our customers with innovative aftermarket ideas that deliver the results you need to get the job done faster, better and more efficiently.



Getting Technical - Universal Joints - Comparison

Head to Head Comparison

Competitor Brand	Meritor Brand	Remarks
		<p>Competitor</p> <ul style="list-style-type: none"> • Rough quality finish • Unknown origin <p>Meritor Uni Joint</p> <ul style="list-style-type: none"> • High quality finish • Made in a Meritor factory
		<p>Competitor</p> <ul style="list-style-type: none"> • No washer • 33 bearings <p>Meritor Uni Joint</p> <ul style="list-style-type: none"> • Nylon thrust washer • 38 long bearings
		<p>Competitor</p> <ul style="list-style-type: none"> • Single lip seal <p>Meritor Uni Joint</p> <ul style="list-style-type: none"> • Triple lip seal



Global News -

Meritor's Vice President of Quality Receives Women of Color STEM Award

Linda Taliaferro, vice president, Quality for Meritor, received a Special Recognition Award for her dedicated service in advancing technology and science on Oct. 16 at the 2015 Women of Color STEM (science, technology, engineering and mathematics) Conference in Detroit.

"Meritor understands the importance of attracting, retaining and developing diverse talent," said Tim Heffron, vice president, Human Resources, and chief information officer for Meritor. ***"The company relies on the unique contributions of employees like Linda to drive success in our commercial truck, industrial and aftermarket businesses."***

Taliaferro, who joined Meritor in November 2014, was selected by a panel of peers from hundreds of nominations nationwide. She is responsible for overseeing quality at 28 Meritor sites in 18 countries on five continents. Prior to Meritor, Taliaferro served in key quality leadership roles at Littelfuse, Inc., Johnson Controls, Inc. and Hayes Lemmerz, Inc., which is now Maxion Wheels.

She was one of 30 women recognized for their accomplishments in science, technology, engineering and mathematics at the three-day conference. In addition to receiving the Special Recognition Award, Taliaferro was a panelist in a seminar titled "Changing Leadership Skills, Life Lessons and Mistakes." Taliaferro and other award recipients will be featured in an upcoming issue of Women of Color magazine.

Women of Color also honored Sonya Moore, program manager for Meritor, with a 2015 Technology Rising Star Award for helping to shape future technologies. Awardees were nominated by their companies.



Employee Profile - Renzo Barone

Role at Meritor: Manager, Field Operations Group, Australia
Year Joined: 1992

What do you do on a day-to-day basis?

My team looks after dealers and end-users throughout Australia and New Zealand. I provide them with sales and technical service support, such as repair procedures and recommendations as well as product specification advice. A key part of my job is promoting Meritor's product range, which generates pull-through sales from the dealer and end-user level. I also support OE customers in conducting presentations of current and new products and cover updates, training and product familiarisation.

What's the biggest sales challenge you face in today's Australian market?

Our biggest challenge comes from fully built-up imported trucks that compete against the locally built vehicle market, which is our local customer base. The current mix is 50/50, and we are challenged by fluctuating currency exchange rates, which can make imported vehicles more price competitive. However, Meritor has a strong brand in Australia, and we have more than 80 percent addressable market share on drive axles.

Does your background as a diesel mechanic help you in your current job?

Yes very much so. I commenced my Diesel Mechanic apprenticeship in a Blue Metal Quarry at 16 years of age. I have mechanical field experience in a wide variety of earth moving, plant equipment and Heavy Commercial Transport Vehicles. This experience aids greatly in building relationships with end-user customers and Dealers who value having Meritor contacts, who can communicate at various levels from a sales aspect, as well as a technical hands on approach from the ground up.

How do you stay motivated, and what do you do to keep your team motivated?

Having built relationships within this industry of over the years has extended to forming many good friendships. This in itself is very rewarding and one of my main bases of what sustains me in this industry. I pride myself that I am associated with an excellent brand. I began when it was Rockwell until 1997 and now Meritor. The reputation of our Company is highly regarded and respected. I share my passion with my team and as they are also exposed in the field, share a similar experience.

What do you do for fun when you're not at work?

I have a young family, and most of my free time is spent with them and their sporting activities. I also have a love of music and dabble in the vegetable garden.





Advertising

For more information on our comprehensive range of Meritor Driveline products, please contact your local Meritor Representative or call Customer Service on 03 8353 6050.



IDEAS DRIVING RESULTS

**MORE DISTANCE.
LESS MAINTENANCE.**

Don't just replace your driveline and components, install an improvement.

Meritor ideas, drive results in greater distances, lower maintenance and greater ROI. From Permalube™ RPL drivelines which are greaseless for life, to Meritor XTended Lube (MXL™) which halve lubrication costs, to uni joints, gold self-aligning centre bearings and yokes, Meritor components give you the payback you expect, plus the total Aftermarket support you deserve.

For more information on Meritor drivelines and driveline components, visit www.meritorpartsonline.com, speak with your local OE dealer or contact Meritor Customer Service on 03 8353 6050.



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