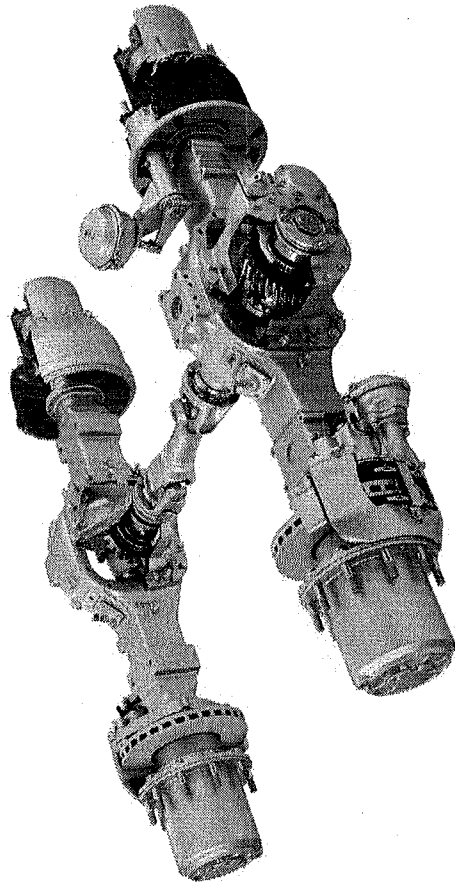


# Hub Reduction Tandem Drive Axle MT-32-610



## ArvinMeritor stands for

- **Advanced Gear Technologies**
  - Through Surface Hardening
  - Simplified Heat Treatment
  - Higher Throughput
- **New Cutting Methodologies**
  - Higher Capacity, Quieter Gearing
  - Noise Management
- **More Demanding Requirements for Future Bus and Coach Markets**
  - High Speed Gearing
  - Electric Drive Applications
- **High Power Density**
- **Component integration**
  - Optimize System Design
  - Maximize ArvinMeritor Content
  - Use Strength of Meritor Axles and Brakes to Pull Through Other Components

Since 1909 ArvinMeritor has been leading the heavy-duty axle market with reliable, long-life axles and advanced gearing technology. The company's nearly 100 years of axle-producing experience has led the group to become the world's largest independent manufacturer of heavy-duty truck axles for a vast range of vehicle applications, including front axles, single rear, tandem drive, tridem drive and trailer axles.

This complete family of products allows ArvinMeritor to offer the right axle to meet steer, drive and trailer axle requirements of customers in many vocations.

Additionally, all products are backed by industry's finest sales, service and support network.

The MT-32-610 features liberal ground clearance and a Gross Axle Weight Rating (GAWR) of 32 tonnes for vehicles with a Gross Combination Weight (GCW) up to 100 tonnes. The axles are currently available with cast housings. The rear of this tandem is also available as a solo axle (MS-16-610) for single drive axle applications.

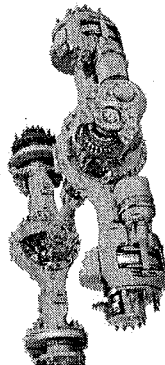
ArvinMeritor has designed its revised MT-32-610 hub reduction tandem for the European commercial vehicle market. The new tandem is lightweight, yet durable and is intended for rugged, on/off-highway use, including long haul, construction and logging.

## 6-13-17X Single Reduction Solo Drive Axle



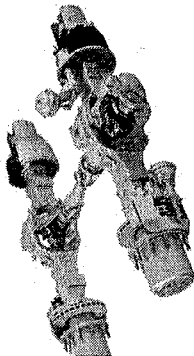
GAWR: 13 tonnes  
GCWR: 44 tonnes  
Ratios from 2.64 to 6.17  
Available with cast or stamped housing  
Driver controlled differential lock option

## F-150 Single Reduction Tandem Drive Axle



GAWR: 23 tonnes  
GCWR: 70 tonnes  
Driver operated cross-axle differential lock on front and rear axles and inter-axle differential lock  
Fitted with Meritor air disc brakes as standard, other brakes optional  
Available with cast iron or fabricated steel housing  
Ratios from 2.43 to 6.17

## 32-610 Planetary Hub Reduction Tandem



GAWR: 32 tonnes  
GCWR: 100 tonnes  
Final ratios from: 3.61 to 7.21  
Driver operated cross-axle differential lock on front and rear axles and inter-axle differential lock

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# ArvinMeritor™

**MERITOR**  
an ArvinMeritor brand

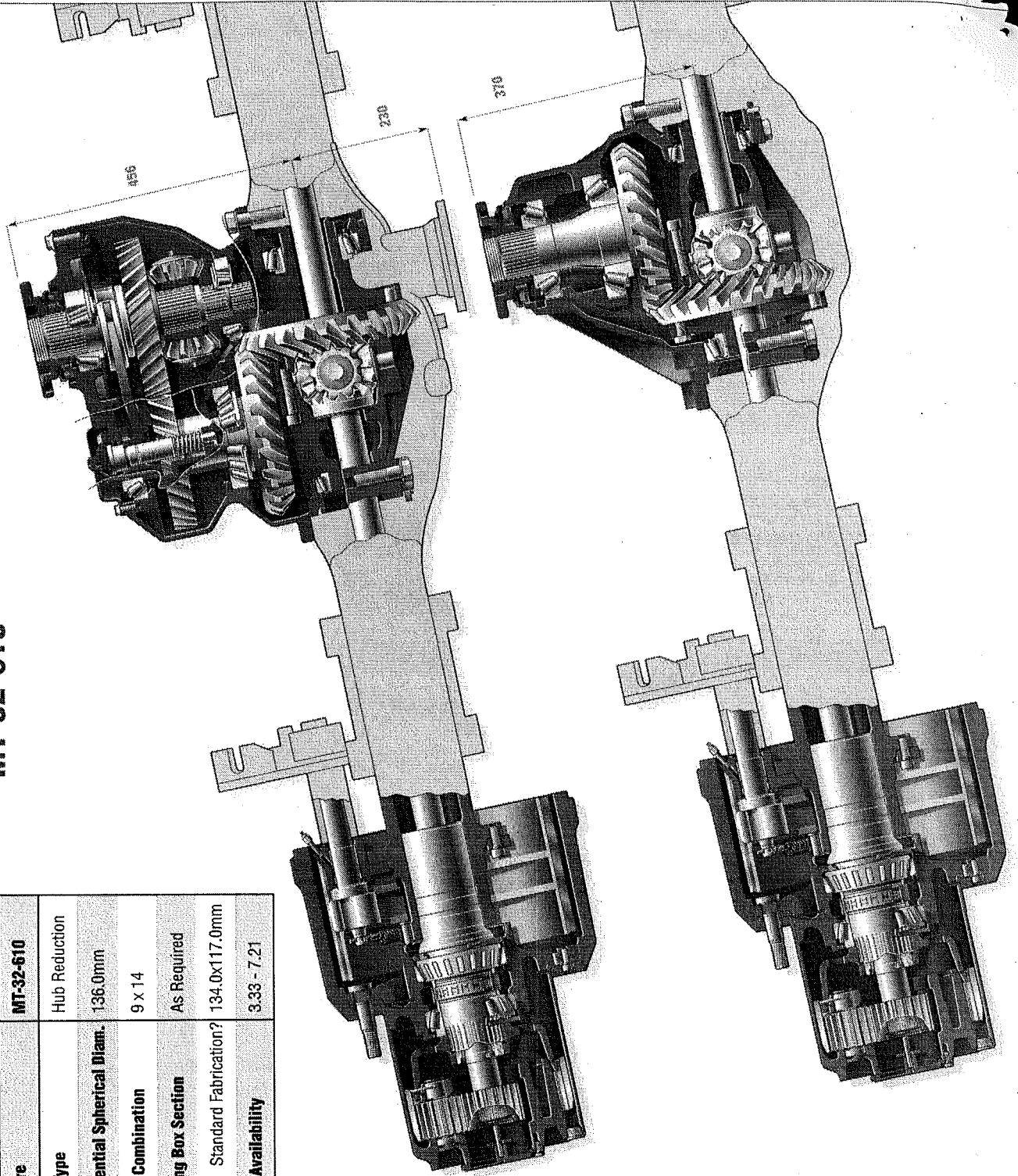
**T-32-610 Tandem Rear Drive Axle**

**MS-16-610  
MT-32-610**

Load Ratings	MT-32-610
Gross Axle Weight (GAW)	26 - 32 to
Gross Vehicle Weight (GVW)	60 to
Gross Combined Weight (GCW)	100 to

Feature	MT-32-610
Axle Type	Hub Reduction
Differential Spherical Diam.	136.0mm
Tooth Combination	9 X 14
Housing Box Section	As Required
Standard Fabrication?	134.0x117.0mm
Ratio Availability	3.33 - 7.21

Dimensional Data	MT-32-610
Spine Type	curvic
Ring Gear Pitch Diameter	290 mm
Stand out	Leader in 456 mm
Stand out	Leader Out 230 mm
Stand out	Trailing in 371 mm
Off Set	38.1 mm
Spring Seat Section	148x156mm
Thickness at Spring Seat	12 mm
Spindle Bearing Bore Diam.	82 mm
Axle Shaft Body Diameter	45 mm



- High efficiency gearing
- Integral brake to axle design and manufacturing capability
- Wide ratio availability
- Weight optimised designs
- Driver operated differential locks
- Worldwide availability