

PRODUCT INFORMATION BULLETIN

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PIB #

28

DEXTER AXLE Introducing
additional Torflex axles

YEAR / BRAND / TYPE / MODEL #

This information is intended to introduce the new Torflex Axles manufactured by Dexter Axle

PRODUCT INFORMATION

- 12T Torflex Axle 7,000 lb ratingProduct Bulletin # 357
- 13T Torflex Axle 8,000 lb ratingProduct Bulletin # 358
- 14T Torflex Axle 10,000 lb ratingProduct Bulletin # 360
- 14 Torflex Axle 12,000 lb rating Product Bulletin # 359

For more information concerning these axles, please refer to the appropriate attached **Product Bulletin** released by Dexter Axle.



PRODUCT BULLETIN # 357

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Date: February 13, 2012

Subject: #12T Torflex® Axle

In keeping with our continual commitment to product innovation, Dexter Axle is pleased to announce the addition of a 7,000 Lb. Torflex® axle (model #12T) to be used in triple applications. The #12T axle will utilize a special designed 3.90" axle beam. The wheel ends will use the standard 12" x 2" brakes and 8 on 6.5" bolt circle.

Standard features of the #12T Torflex® axle

- Robust axle beam design eliminates concerns with three non-equalized Torflex® axles
- Six different start angles are available: 22.5° up, 10° up, 0°, 10° down, 22.5° down, and 45° down
- All three axles are the same to prevent possible mix ups in production
- Wheel end components are interchangeable with standard Torflex® axle (model #12) wheels ends for easy access to replacement parts

Distance requirements between hub face and outside of brackets

	Minimum	Maximum
Standard Spindle	15.00"	30.40"
Short Spindle	14.00"	30.40"

The new #12T axle will have the same five year suspension warranty as standard Torflex® axles.

Please contact your Dexter sales engineer if you have additional questions or need further assistance.

Rick Kapsa
Product Manager



PRODUCT BULLETIN # 358

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Date: February 13, 2012

Subject: #13T Torflex® Axle

In keeping with our continual commitment to product innovation, Dexter Axle is pleased to announce the addition of an 8,000 Lb. Torflex® axle (model #13T) to be used in triple applications. The #13T axle will utilize a new axle beam that has been engineered using newly developed ruggedized components to stand up to the demands of a triple axle non-equalized system. The wheel ends will use the standard 12.25" x 3 3/4" brakes and 8 on 6.5" bolt circle.

Standard features of the #13T Torflex® axle

- Robust axle beam design eliminates concerns with three non-equalized Torflex® axles
- Six different start angles are available: 22.5° up, 10° up, 0°, 10° down, 22.5° down, and 45° down
- All three axles are the same to prevent possible mix ups in production
- Wheel end components are interchangeable with standard Torflex® axle (model #13) wheels ends for easy access to replacement parts

Distance requirements between hub face and outside of brackets

	Minimum	No Bracket Zone	Maximum
Standard Spindle	18.12"	21.26" - 22.50"	24.50"

There is a zone in the min/max overhang where you cannot have a bracket. The no bracket zone is between 21.26" and 22.50".

The new #13T axle will have the same five year suspension warranty as standard Torflex® axles.

Please contact your Dexter sales engineer if you have additional questions or need further assistance.

Rick Kapsa
Product Manager



PRODUCT BULLETIN # 359

Page 1 of 1

Date: February 13, 2012

Subject: #14 Torflex® Axle

In keeping with our continual commitment to product innovation, Dexter Axle is pleased to announce the addition of another axle to our Torflex® product line. The new axle assembly is a 12,000 lb. capacity, heavy duty Torflex® axle. The #14 has a new hub with different bearing spacing versus our existing 12K hubs. This change has allowed us to reduce the minimum overhang required. The new hub will not interchange with the current D120 hub. All of the other D120 components; drums, bearings, seals, etc. will be interchangeable. This axle will be available in electric, hydraulic, and disc brake applications.

Standard features of the #14 Torflex® axle

- 6.00" centers on the torsion arm
- Disc brake will be available for single wheel use only - no dual wheel usage with disc brakes
- Disc brake overhang from outside bracket to hub face is 9.19" per side
- Drum brake overhang from outside bracket to hub face is 12.44" per side
- Six different start angles are available: 22.5° up, 10° up, 0°, 10° down, 22.5° down, and 45° down
- Allows for a lower frame height of 5.50" with a 22.5° up start angle compared to a 12K underslung leaf spring axle
- Two #14 axles (12,000 lb.) can be used in place of a triple #13 (8,000 lb.) axle application at a similar cost, maintaining the 24,000 lb. total gross axle weight rating (GAWR)

Table of Configurations

Spindle Option	Brake Size	Tandem (GAWR 24,000)
12K, Disc	Disc	Yes
12K, Drum	12¼" x 5"	Yes

Table of Wheels and Tires for #14 Torflex® Single Wheel

Wheel Size	Tire Size
17.5 x 6.75HC .19 inset	235/75R 17.5, H, capacity each 6005 lbs. @ 125 psi
17.5 x 6.75HC .31 outset	245/70R 17.5, H, capacity each 5360 lbs. @ 125 psi
17.5 x 6.75HC .50 outset	215/75R 17.5HC, H, capacity each 4805 lbs. @ 125 psi
17.5 x 6.75HC no outset	9R17.5HC, H, 4410 @ 110 psi
17.5 x 8.25HC .31 outset	10R17.5HC, H, 4675 @ 110 psi

Availability of the new Torflex® axle is as follows:

Prototype axles - February 2012

Production axles - May 2012

Please contact your Dexter sales engineer if you have additional questions or need further assistance.

Rick Kapsa

Rick Kapsa
Product Manager



PRODUCT BULLETIN # 360

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Date: February 13, 2012

Subject: #14T Torflex® Axle

In keeping with our continual commitment to product innovation, Dexter Axle is pleased to announce the addition of a 10,000 Lb. Torflex® axle (model #14T) to be used in triple applications. The #14T axle will utilize a new axle beam that has been engineered using newly developed ruggedized components to stand up to the demands of a triple axle non-equalized system. The wheel ends will use the standard 12.25" x 3 3/4" brakes and 8 on 6.5" bolt circle.

Standard features of the #14T Torflex® axle

- Robust axle beam design eliminates concerns with three non-equalized Torflex® axles
- Six different start angles are available: 22.5° up, 10° up, 0°, 10° down, 22.5° down, and 45° down
- All three axles are the same to prevent possible mix ups in production
- Wheel end components are interchangeable with standard axle models #13G/9-10K GD (single wheel only) wheels ends for easy access to replacement parts

Distance requirements between hub face and outside of brackets

Drum brake 19.78" only (not available in a disc brake version)

The new #14T axle will have the same five year suspension warranty as standard Torflex® axles.

Please contact your Dexter sales engineer if you have additional questions or need further assistance.

Rick Kapsa
Product Manager