



PARA-FLEX® GTL AND GT COUPLINGS

PARA-FLEX® GTL AND GT COUPLINGS

THE PROBLEM SOLVERS

All the Advantages of the DODGE® PARA-FLEX® Couplings — Now in a Smaller, More Powerful, and Cost-Effective Package

DODGE proudly introduces the newest and most technologically advanced products in our DODGE coupling line—the new DODGE PARA-FLEX GTL and GT couplings.

These unique new couplings combine all the advantages of our standard PARA-FLEX coupling—dependable

performance, high misalignment, and less maintenance—with the added benefits of a smaller, more cost-effective and easier to install coupling.

With larger bore sizes and higher torque ratings, PARA-FLEX GTL and GT couplings let you reduce your inventory substantially. Plus, the PARA-FLEX GT features our patented GRIP TIGHT® keyless bushing

technology. Exclusive to the DODGE brand, it limits vibrations by providing 360° concentric contact with the shaft.

No other couplings can offer you the same outstanding misalignment and vibration handling capabilities as well as fast, easy element installation on misaligned shafts, as the new PARA-FLEX GTL and GT couplings. With

their “problem solver” element, they are not only the industry’s leading combined angular, parallel, and axial misalignment coupling, but they are the only coupling in the industry with a five-year element warranty.



PARA-FLEX PXGTL
with TAPER-LOCK® Bushing



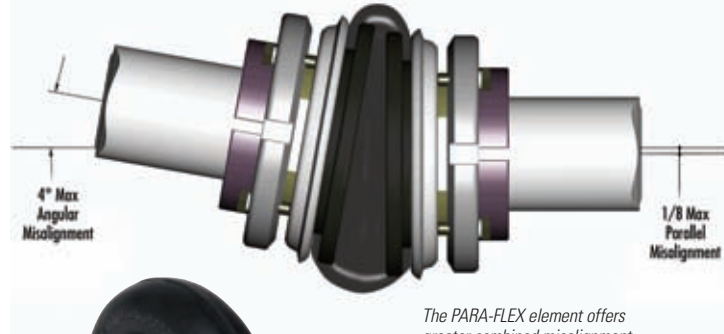
PARA-FLEX PXGT
with GRIP TIGHT® Bushing

TECHNICALLY SUPERIOR TECHNOLOGY

PARA-FLEX "PROBLEM SOLVER" ELEMENT

Incorporating 50+ years of DODGE development and design, the PARA-FLEX "problem solver" element is unmatched by competitive elements.

- Assures fast, easy installation on misaligned shafts
- Has greatest combined misalignment and vibration capabilities (for longest element life)
- Includes five-year industry-leading warranty
- Requires less service factor than comparably sized competitive elements
- Requires no maintenance
- Torque cord prevents unexpected catastrophic failures, and act as element fatigue indicators



The PARA-FLEX element offers greater combined misalignment & vibration capabilities for a longer element life.



NEW PARA-FLEX GTL AND GT FLANGES

The new PARA-FLEX GTL and GT flanges have built-in features which allow for downsizing to a smaller coupling, and help contribute to an overall reduction in installation and maintenance costs.

- Accepts greater shaft bores via larger TL bushings or GT "Thin Wall" Adapters
- New element locking nut provides fast, easy element installation/replacement
- Improved mechanical clamping of element increases torque rating
- Preassembled with fewer parts

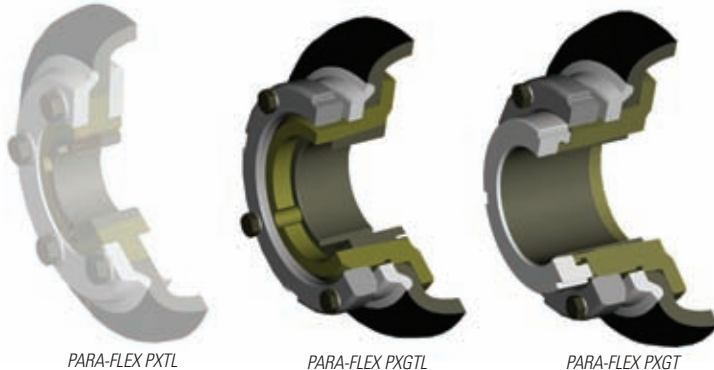


PARA-FLEX GT & GTL couplings' locking nut allows for quick and easy element installation and replacement

GRIP TIGHT KEYLESS BUSHING (PXGT ONLY)

The GRIP TIGHT keyless bushing system provides a full 360° concentric grip of the shaft, thus providing better balance and reduced vibration.

- Provides largest bushed bore sizes
- Requires no keyways
- Assures faster installation
- Requires less installation space (side mounting)
- Allows less expensive commercial shafting
- Prevents shaft damage



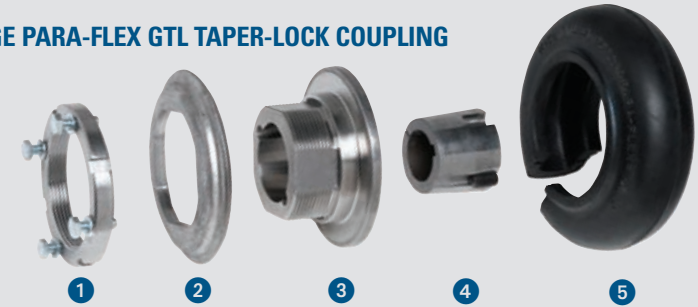
PARA-FLEX PXTL

PARA-FLEX PXGTL

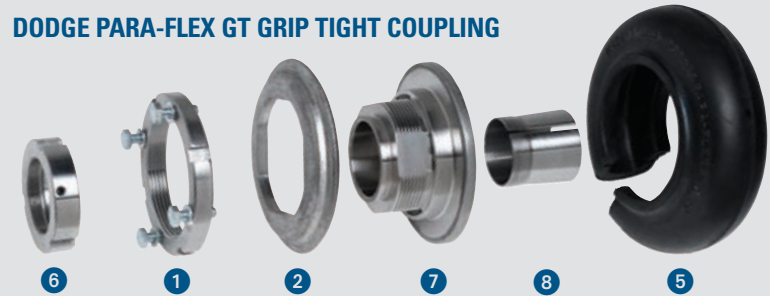
PARA-FLEX PXGT

PXGTL and PXGT offer greater bore capacity than PXTL

DODGE PARA-FLEX GTL TAPER-LOCK COUPLING



DODGE PARA-FLEX GT GRIP TIGHT COUPLING



1 Element Locking Nut w/ Micro-Mount Bolts

- provides fast element installation & replacement,

2 External Clamp Ring – Micro-Mount bolts push the face of the external clamp ring which applies holding pressure to the element

3 GTL Flange – Accepts a larger size TL Bushing than traditional PXTL flange. Available in both type F and H flanges

4 TL Bushing – provides broad range of bore sizes, which reduces flange inventory & prevents shaft damage & fretting corrosion

5 PARA-FLEX Element – Dampens vibrations & shock loads, and accepts highest combined misalignment in the industry

6 GRIP TIGHT Bushing – Nut – Allows for fast mounting & dismounting of GRIP TIGHT Bushing "Thin Wall" Adapter. Easily accessible from the side.

7 GT Flange – Accepts Keyless GRIP TIGHT Adapters

8 GRIP TIGHT Bushing - "Thin Wall" Adapter – Provides largest bushed bore capability, and 360° Deg. concentric contact on the shaft

COST-SAVING PERFORMANCE ADVANTAGES



COUPLING DOWNSIZING

PARA-FLEX GT couplings' GRIP TIGHT thin-wall adapter and the PARA-FLEX GTL couplings' larger Taper-Lock bushing allows larger bore sizes to be used in smaller couplings. The new element locking nut allows for greater torque ratings to be achieved. That means a smaller, less expensive PARA-FLEX GTL and GT coupling has the same capabilities as a larger, more expensive coupling.

DEVELOPED SPECIFICALLY TO REDUCE INVENTORY REQUIREMENTS

PARA-FLEX GTL and GT couplings are designed to reduce your inventory substantially because fewer ratings cover the entire bore size range and torque ranges of today's existing PARA-FLEX sizes. Also, TL and GT bushings minimize the requirement of maintaining flange inventory.

BEST WARRANTY IN THE INDUSTRY

PARA-FLEX GTL and GT couplings are engineered with only the highest quality materials and are manufactured using ISO certified processes. For that reason, the PARA-FLEX "problem solver" elements carry a pro-rated five-year warranty*—better than any other coupling element currently on the market.



← TRIM LINE

* See DODGE Warranty for details

SUPERIOR MISALIGNMENT AND VIBRATION CAPABILITY

Only the PARA-FLEX "problem-solver" element offers the highest, across-the-board handling of angular, parallel, and end-float misalignment problems. The "problem solver" among couplings, it can accommodate virtually any application and/or unexpected process problem without having to provide inflated service factors or a larger coupling.

PREVENTING SHAFT DAMAGE REDUCES MAINTENANCE & INSTALLATION TIME

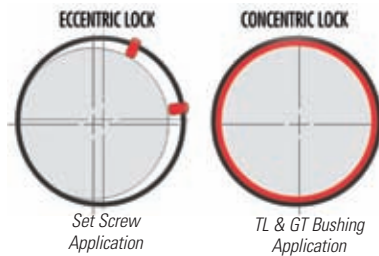
TL & GT Bushings prevent shaft set screw marks and fretting corrosion experienced with set screw applications. This reduces shaft maintenance and coupling flange installation and removal time.



The left photo shows shaft fretting corrosion & set screw scarring as compared to the bushed (TL or GT) shaft on the right which shows no shaft fretting corrosion & scarring.

REDUCING SHAFT VIBRATION

TL & GT Bushings promote concentric contact to the shaft, unlike set screw applications which provide eccentric shaft connections which induce vibrations.





World Headquarters

P.O. Box 2400, Fort Smith, AR 72902-2400 U.S.A., Ph: (1) 479.646.4711, Fax (1) 479.648.5792, International Fax (1) 479.648.5895

Baldor - Dodge

6040 Ponders Court, Greenville, SC 29615-4617 U.S.A., Ph: (1) 864.297.4800, Fax: (1) 864.281.2433

www.baldor.com