Protect Your Investment from Crashes and Jams with Safety Couplings

- Degressive cup spring characteristic: immediate torque drop-off
- Automatic re-engagement: occurs every 360°
- Patented Press-Fit method joins bellows to the hubs to withstand harsh environments
- Low inertia; compensation of misalignment
- The use of elastomer spiders with shore hardness ratings from 72 D to 98 A permit dampening of
  - Ensures zero backlash and allows for easy plug-in assembly

EKC Series
SKB-ES Series
SKB-EK Series
SKB-KS Series
SKB-KP Series
SKX-L Series
SKG Series
SKY Series
SKB Series

Top reasons to buy from GAM

- We are flexible! We will modify our products or re-engineer our services to meet your needs. GAM can just ask!
- Excellent technical assistance from our inside application engineers and product specialists for all types of applications.
- Immediate 2-D drawings or 3-D models configured online.
- Excellent dampening capabilities
- Custom lengths
- Short length for high torsional stiffness
- Aluminum version available
- Self-centering conical bushings for high
  - Higher torsional stiffness, but lower
  - Servo systems
  - Bore range: 6 mm - 60 mm
  - Very low inertia
  - Drive shaft coupling with split hubs
  - Unique bellows design yields the highest
  - Bore range: 6 mm - 60 mm

Facing a challenging application or need a non-standard configuration? GAM can.

Ph: 847.649.2500
901 E. Business Center Drive

Viton
is a registered trademark of DuPont Performance Elastomers
Elastomer Couplings

- Degressive cup spring characteristic: immediate torque drop-off
- Integrated bearing support: eliminates the need for support inside the pulley and enables compact size
- Automatic re-engagement: occurs every 360°
- Patented Press-Fit method joins bellows to the hubs to withstand harsh environments
- Low inertia; compensation of misalignment

SKB-ES Series
- T orque range: 3 Nm - 1000 Nm
- Easy to mount radial clamping hubs
- Excellent dampening capabilities

SKG Series
- T orque range: 1 Nm - 800 Nm
- Bore range: 6 mm - 58 mm
- Single point 360° re-engagement
- Adjustable torque

KPS Series
- T orque range: 2 Nm - 800 Nm
- Bore range: 10 mm - 43 mm
- Short length for high torsional stiffness
- Radial clamping hub with EASY Clamp

KPP Series
- T orque range: 1 Nm - 800 Nm
- Bore range: 6 mm - 85 mm
- Radial clamping hub with EASY Clamp

KPSM Series
- T orque range: 2 Nm - 800 Nm
- Bore range: 9 mm - 80 mm
- Radial clamping hub with EASY Clamp

KSS Series
- T orque range: 0.4 Nm - 1300 Nm
- Bore range: 3 mm - 85 mm
- Radial clamping hub with EASY Clamp

KSSM Series
- T orque range: 1 Nm - 800 Nm
- Bore range: 3 mm - 75 mm
- Radial clamping hub with EASY Clamp

Entrance to couplings are preloaded and will not loosen over time.

Top reasons to buy from GAM

- We are flexible! We will supply any products or order our services to fit your needs. (GAM can just ask)
- Our need delivery on standard products. 24-hour emergency service available.
- Excellent technical assistance from our inside application engineers and trained network of outside sales engineers.
- 100% inspection and quality control on every product shipped.
- High speeds up to 25,000 rpm without additional balancing.
- GAM can. Just ask!
• Degressive cup spring characteristic: immediate torque drop-off
• Integrated bearing support: eliminates the need for support inside the pulley and enables compact size
• Zero backlash: high torsional stiffness
• Low inertia; compensation of misalignment

The involute shaped teeth of the elastomer spider and jaws are preloaded and will not loosen over time.

EKM Series
SKB-EK Series
SKB-KS Series

• Torque range: 3 Nm - 1000 Nm
• Easy to mount radial clamping hubs

T orque range: 5 Nm - 110 Nm
• Bore range: 5 mm - 45 mm
• Easy to mount radial clamping hubs

Zero backlash over the life of the product

• Easy manufacturing procedures used to ensure our products are produced cost effectively.
• Extreme product range: range precision guarantees for motion control applications and coupling for all types of applications.
• All covered: Our needs date back to the early 1950's.

We have a great name of GAM. We don’t have to say you and we can be trusted in all our clients as required by your needs.

Top reasons to buy from GAM

• We are fastidious! We will supply our products on our terms to serve your needs. GAM then is just all.
• You need delivery on standard products. 24 hour emergency service on over the life of the product available.
• Excellent technical assistance from our inside application engineers and a trained network of outside sales engineers.

Bore range: 7 mm - 70 mm
• Adjustable torque
• Single point 360° re-engagement

• Self-centering conical bushings
• Adjustable torque
• Single point 360° re-engagement

• Maximum misalignment and high stiffness
• Single point 360° re-engagement

• Bore range: 6 mm - 100 mm
• Very high clamping forces and torque range to connect to the mating shaft

KSD Series
KG Series
KP Series

• High speeds: rotational speeds up to 25,000 RPM without additional balancing
• Patented Press-Fit method of joining the bellows to the hubs can withstand harsh environments
• KSD Series: Not for hollow bore applications

KPS Series
KPP Series
KR Series

• Medium to high speeds with low inertia
• Lengths up to 10 ft

KHS Series
KS Series
KG Series

• High speeds and low inertia
• Lengths up to 20 feet

KPS Series
KPP Series
KR Series

• For hollow bore applications

KPS Series
KPP Series
KR Series

• EASY Clamp system for easy install/uninstall
• Plug-in design with high stiffness

KPS Series
KPP Series
KR Series

• T orque range: 25 Nm - 1500 Nm
• Short length and high torque

KPS Series
KPP Series
KR Series

• T orque range: 15 Nm - 600 Nm
• Bore range: 6 mm - 60 mm
• Very low inertia

KPS Series
KPP Series
KR Series

• High speeds up to 25,000 rpm
• High performance in stiffness, for the most demanding servo applications.

KPS Series
KPP Series
KR Series

• EASY Clamp system for easy install/uninstall
• Plug-in design with high stiffness

KPS Series
KPP Series
KR Series

• T orque range: 10 Nm - 1000 Nm
• Excellent dampening capabilities

KPS Series
KPP Series
KR Series

• T orque range: 20 Nm - 700 Nm
• Lengths up to 6 feet

KPS Series
KPP Series
KR Series

• Drive shaft coupling with radial clamping hubs

WDE Series
KPS Series
KPP Series

• T orque range: 25 Nm - 1500 Nm
• Short length for high torsional stiffness

WDE Series
KPS Series
KPP Series

• T orque range: 25 Nm - 540 Nm
• Bore range: 14 mm - 75 mm

WDE Series
KPS Series
KPP Series

• Unique bellows design yields the highest performance in stiffness, for the most demanding servo applications.

WDE Series
KPS Series
KPP Series

• T orque range: 15 Nm - 600 Nm
• Bore range: 6 mm - 60 mm
• Very low inertia
**Gear Reducers for Every Application — Simple or Complex**

**In-Line Gearboxes**
- **EPL-W**
  - High quality inline planetary gearbox
  - Patented high precision roller bearing design for long life
  - Frame sizes from 50mm to 150mm
  - Ratios 3:1 to 100:1
  - Backlash less than 1 arc minute
  - Efficiencies 95% or more

- **EPL-X (NEMA)**
  - Motor output face, mounts to any motor
  - Metric output face
  - PE-W series: NEMA output face, mounts to any motor
  - PE-N series: D-shaped output face, mounts to any motor

**Right-Angle Gearboxes**
- **EPL-DPH**
  - Drop-in versions available for many popular bevel and hypoid gearboxes
  - DL-PH series: Available upon request (Call GAM)
  - DL-DH planar gear reducers
  - DL-PW planetary gearbox
  - DL-DH inline gear reducers
  - DL-PH hypoid gear reducers

**Other Series**
- **EPL-W**
  - High quality inline planetary gearbox
  - Patented high precision roller bearing design for long life
  - Frame sizes from 50mm to 150mm
  - Ratios 3:1 to 100:1
  - Backlash less than 1 arc minute
  - Efficiencies 95% or more

**Linear Mount Series**
- **Linear Mounts Products**
  - The linear Puppet Series takes the hassle out of accommodating your special requirements. Tell us what you need — with our flexible manufacturing we should be able to accommodate your special requirements. GAM can do it.
  - **EPL-H**
    - Linear Slide Kit (LSK)
    - Customized assembly to mount any motor gearbox to a linear ball screw module.
    - The Linear Mount Series takes the hassle out of accommodating your special requirements. Tell us what you need — with our flexible manufacturing we should be able to accommodate your special requirements. GAM can do it.

**Company Overview/Linear Mounts Products**
- **Precision Gear Reducers**
  - **EPL-C**
    - **EPL-C Series**
      - **EPL-C**
        - Precision gearing provides low backlash and quiet operation
        - Long life and smoothness required in many 1500 and 1900 series applications
        - Lubrication for life and smoothness required in many 1500 and 1900 series applications
        - Output seal keeps contaminates out for an IP65 rating

**High Precision Gear Reducers**
- **Highest Precision Gear Reducers**
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If you need high precision gear reducers, couplings and/or linear slide kits at a reasonable cost and you require the utmost in reliability and accuracy, look no further. Our Precision Gear Reducers, Couplings and/or Linear Slide Kits are up to the task and are available in a variety of models, from compact to large sizes. Our state-of-the-art manufacturing processes and demanding quality control standards ensure that you will receive products that meet the most stringent performance criteria.

Benefits:
- • A wide range of sizes and styles available with varying degrees of precision
- • Customized assembly to meet your exact mounting needs
- • Standard food grade internal grease
- • Efficiencies up to 96%
- • Backlash as low as 1 arc minute
- • Ratios up to 150:1 in two stages
- • High allowable axial and radial loading
- • Utilizes sophisticated hypoid gearing that combines the space efficiencies of bevel gearing with the linearity and accuracy of an inline planetary gearbox
- • Standard food grade internal grease
- • Efficiencies up to 98%
- • Backlash as low as 6 arc minutes
- • Ratios 1:1 to 6:1
- • Available with or without integrated motor mount
- • Fixed input sun-gear allows quick and accurate mounting of a motor
- • Suitable for Stepper and Servo motor applications
- • In-line planetary gearbox
- • NEMA output face, mounts to any motor
- • PE-W (shown with motor mount)
- • PE-N (shown with motor mount)
- • PE-W (shown with motor mount)
- • PE-N (shown with motor mount)

For more information, call us at 888-000-1111 or visit our website: www.precisiongear.com
If you need high precision gear reducers, couplings and/or linear slide kits at a reasonable cost and you value innovation and excellent service, take a close look at our product line. You will find a wide range of products all created to minimize your design and installation time, minimize space requirements, and maximize your machine’s performance.

**Gear Reducers**

**High Precision Gear Reducers**

- Ratios up to 15:1 in a single stage; 150:1 in two stages
- High allowable axial and radial loading
- Frame sizes from 60 mm to 240 mm
- Ratios 3:1 to 1000:1
- Ratios 1:1 to 6:1
- Efficiencies up to 98%
- Backlash as low as 6 arc minutes
- Frame sizes 50 mm to 118 mm (Metric) and NEMA 17 to 42
- Metric output face
- NEMA output face, mounts to any motor
- PE-W
- PE-N
- PE-W®
- PE-N®
- Right-Angle Gearboxes
- Bevel Gearboxes (V-Series & VC Series)
- Inline Gearboxes
- Precision Gear Reducers
- Precision Encoder Reducers
- Linear Mount Products
- Linear Mount Products

**In-Line Gearboxes**

- EPL-H
- EPL-X (India)
- EPL-W
- EPL-R
- SLP
- SPL-W
- SPL-L
- SPL-F
- SLP-K
- SLP-L
- SPL-A
- SLP-B
- SPL-C
- EPL-S
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If you need high precision gear reducers, couplings and/or linear slide kits at a reasonable cost and you can’t find what you’re looking for, just ask. With our wide product line you can be sure we have the right solution for your project. Call GAM for more information or visit our website today.

Gear Reducers for Every Application — Simple or Complex

**For more information, call us toll-free at 888-GAM-7117  |  Visit www.gamweb.com for 2-D and 3-D Drawings**
High Precision Gear Reducers
Servo Couplings, Safety Couplings
and Linear Slide Kits

Top reasons to buy from GAM

1. We are flexible! We will modify our products or alter our services to meet your needs. GAM can.
2. One-week delivery on standard products. 24-hour emergency service from our trained network of outside sales engineers.
3. We are flexible! We will modify our products or tailor our services to meet your needs. GAM can.
4. Our most economical in-direct drive safety coupling.
5. T orque range: 2 Nm - 800 Nm
6. Bore range: 7 mm - 58 mm
7. Adjustable torque
8. Single point 360° re-engagement
9. Bore range: 12 mm - 62 mm
10. Adjustable torque with self-centering hub
11. Similar to the KG coupling
12. Similar to the KLC coupling
13. Bore range: 10 mm - 43 mm
14. Steel hubs with radial clamping: higher inertia
15. Aluminum hubs provide low inertia
16. Similar to the KM coupling
17. Bore range: 3 mm - 85 mm
18. High speeds and low inertia
19. Drive shaft coupling with split hubs
20. T orque range: 2 Nm - 550 Nm
21. Bore range: 3 mm - 75 mm
22. For hollow bore applications
23. Expandable split shaft design
24. Bore range: 9 mm - 75 mm
25. Short length
26. EASY Clamp system for easy install/uninstall
27. Short length and high torque
28. Self-centering conical bushings for high performance in stiffness, for the most