

## ENGINE MOUNTS

- Designed for just about any type of engine
- Excellent vibration isolation
- Fail safe design unlike any other product on the market
- Restriction on fore & aft movement to maintain alignment
- Slotted holes and height adjustment for easy installation



## FLEXIBLE SHAFT COUPLINGS

- Fail safe design unlike any other product on the market
- Reduces engine noise & drivetrain vibration
- Saves money by reducing costly transmission repairs
- Compression loaded in both forward & reverse
- Quick & easy installation



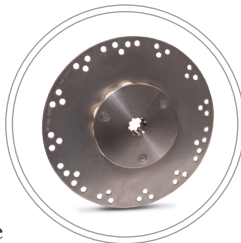
## SPLIT COUPLINGS

- Easy to remove shaft even after years of use!
- Better fit than a solid coupling
- Greater strength and reliability
- Easy to install and position



## DAMPER PLATES

- Reduces gear noise
- Fail safe design unlike any other product on the market
- Three types of elements suitable for every application
- Impervious to salt water, diesel & lubrication oils
- Quick & easy installation



## ACCESSORIES

### ADAPTERS

Adapters are available for most gearboxes to allow the fitting of a Flexible Coupling.



### BOBBINS

Bobbins extend the shaft when necessary.

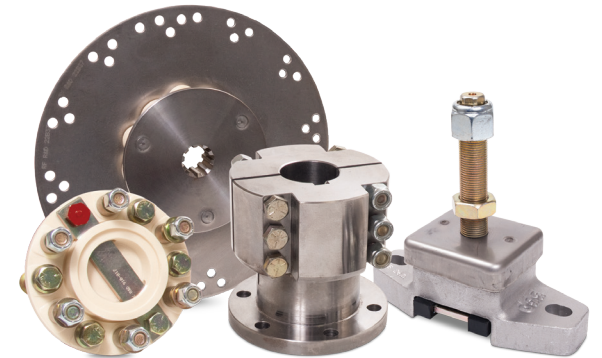


### EARTHING CONNECTORS

R&D Marine Earthing Connector consists of a silver impregnated rubber strip, which when fitted through the axis of the coupling between the two fail safe straps gives electrical continuity.



**R & D MARINE**  
COMPLETE DRIVETRAIN SOLUTIONS



**ENGINE MOUNTS**  
**FLEXIBLE SHAFT COUPLINGS**  
**SPLIT COUPLINGS**  
**DAMPER PLATES**

#### HEADQUARTERS

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# R&D Marine

Engine Mounts, Damper Plates, Split Couplings, Flexible Shaft Couplings

R&D Marine was started in 1973 after several years of development work, to manufacture a flexible shaft coupling suitable for marine use, which was both easy to fit and competitively priced. The company was started in a single garage moving to two garages after one year and then to its current location in 1976. Over the years, the factory has been completely rebuilt and now has 8000 square feet of modern factory space with all manufacturing being carried out on CNC machines. PYI has been the proud distributor of the R&D product line since 1998. Every year PYI has seen advancements in each of our products. Whether it is a new or established product line with PYI, be assured that you will experience unequaled product performance and customer service that you expect and deserve.

## ENGINE MOUNTS



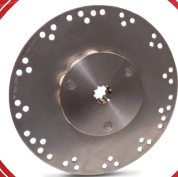
## FLEXIBLE SHAFT COUPLINGS



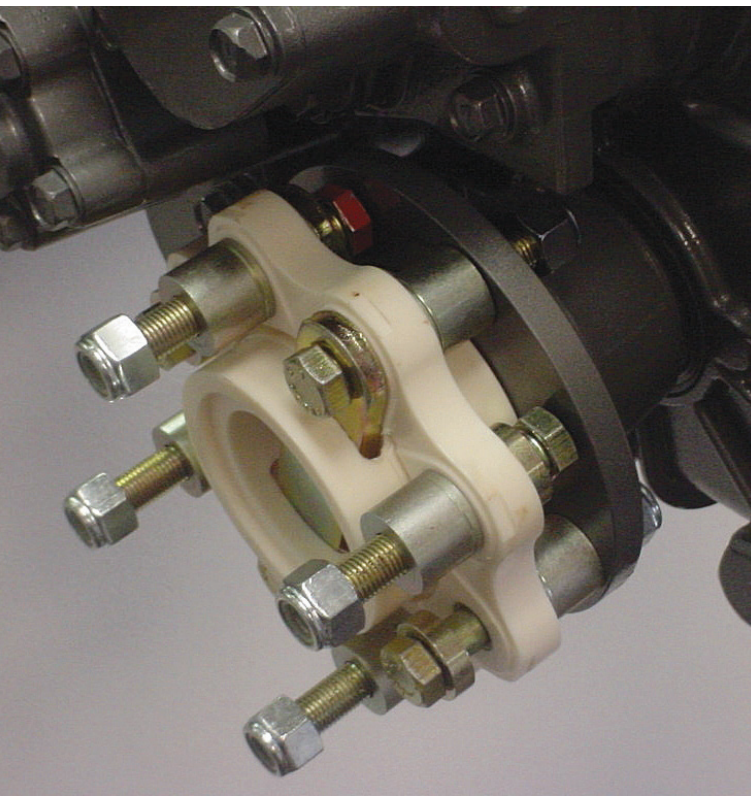
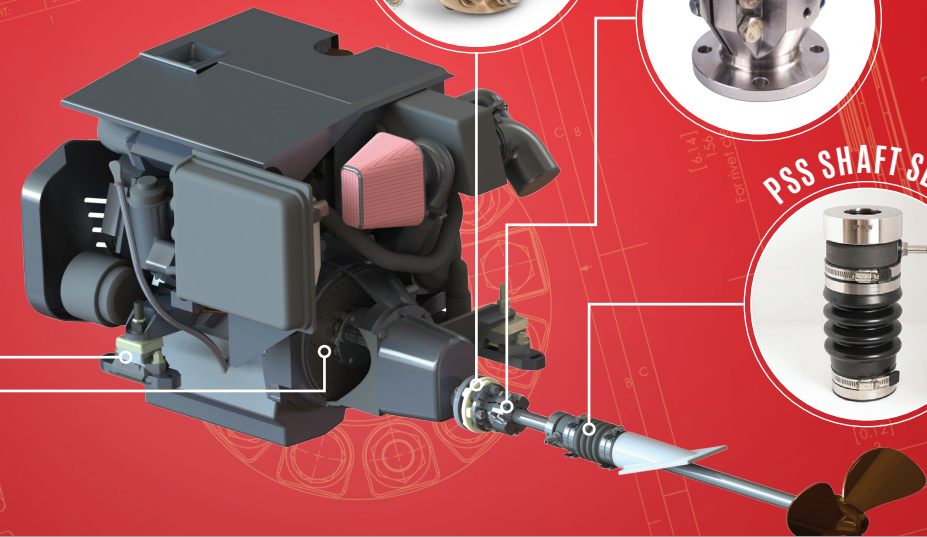
## SPLIT COUPLINGS



## DAMPER PLATES



## PSS SHAFT SEAL



### R&D FLEXIBLE COUPLINGS

Are made up of a polyester elastomer which is impervious to salt water, diesel and lubrication oils. The polyester elastomer helps reduce engine noise, transmission vibration and absorbs shock loads due to propeller impact or hard gear changes saving on costly transmission repairs. The two steel straps make up the fail safe design preventing the drive train from separating in the event of a severe impact. The aft steel strap is bolted to the transmission coupling and the forward steel strap is bolted to the shaft coupling. The aft strap will engage the forward strap and keep the drive train together if the elastomer is damaged. They fit most major transmission makes and models from 5 to 1,000 H.P.

### R&D SPLIT COUPLINGS

Are machined from solid steel for great strength and reliability. The split coupling design is much easier to remove than solid couplings and can accommodate the variations that occur with normal shaft tolerances by clamping onto the shaft.

### R&D ENGINE MOUNTS

Are a shear loaded mount which provide superior isolation and restrict fore and aft movement to maintain alignment. They have a fail safe design where the vertical stud is secured to a horizontal metal plate to prevent the mount from pulling apart. R&D Engine Mounts will withstand a roll over test. They are designed for any type of engine and have a range from 30 to 2,000 lbs per mount.

### R&D DAMPER PLATES

R&D Marine Damper Plates do not use springs that rust. They use a flexible element that reduces gear noise and is impervious to salt water, diesel and lubrication oils. There are 3 types of flexible elements ranging from 3-30 degrees of deflection and suitable for every application. Designed to be fail safe, if the element fails there are metal stops on the spline plate that will engage the metal stops on the backing plate. There are a wide range of stock accommodating torque ranges from 60-1,400 ft./lbs.