



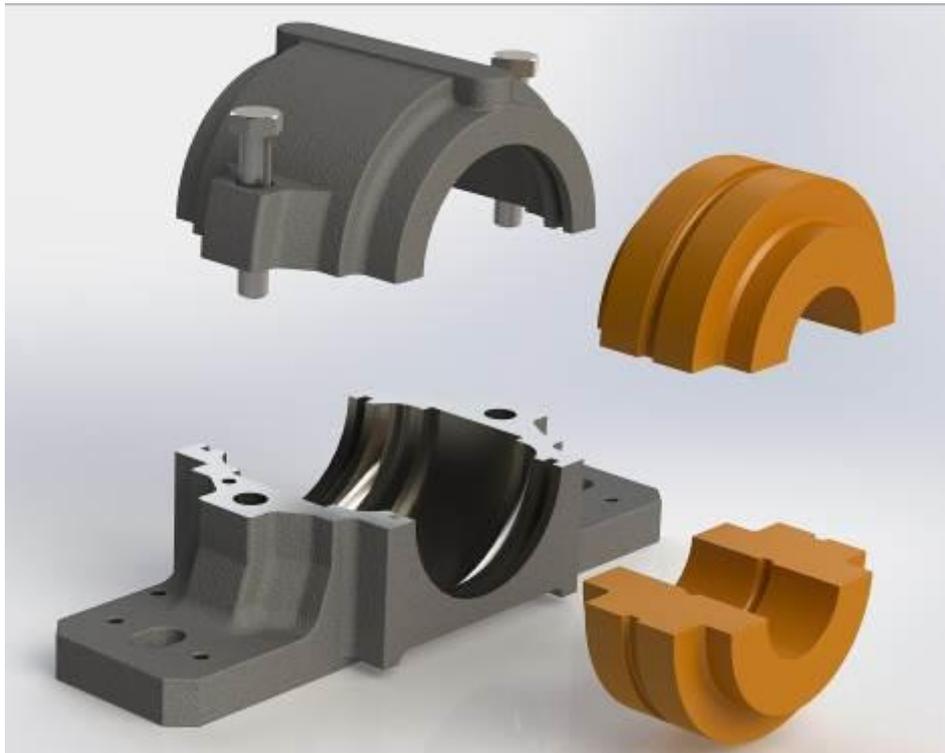
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Media Release – CUT TO SIZE PLASTICS – November 2015

Cut To Size's time-saving engineered plastic split plummer blocks save time and maintenance costs



Split plummer block bearings from Cut To Size Plastics are particularly useful and time-saving in process, production and materials handling applications involving multiple shafts and bearings in line

Split plummer blocks from Cut To Size Plastics can be particularly valuable for maintenance tasks where production and process staff want to minimise disruptions to production caused by bearing replacement and traditional bearing failure.

Light, easily handled and self-lubricating split blocks can be precision machined from polyurethane and other engineering grade plastics for diverse materials handling applications, often involving machinery with multiple bearings and shafts inline where it would be costly to close down the entire line for removal and installation of heavier and more complex bearings.

“Often engineering grade polyurethane bearings, with a shore hardness of 75D, provide an excellent interim solution that saves time and money, while in other situations they provide a highly cost-effective long life solution, says Pat Flood, NSW Manager of Cut To Size Plastics, which has been supplying Engineering Plastics to Australian and international customers for over 35 years.

Polyurethane split plummer blocks – which are designed for quick removal and installation - provide advantages that traditional bearings do not, including:

- Light weight for speed and OHS benefits
- Self-lubricating for production security and time savings
- Wear improvements
- Tear and weather resistance
- Heat and cold resistance
- Lower operating costs
- Long life
- Noise abatement
- Capable of working in extreme wash-down applications
- More sanitary

Polyurethane has been widely proven in robust materials applications - including in the timber industry, for example – offering industrial applications the elasticity of rubber combined with the toughness and durability of metal, to reduce plant maintenance and OEM product cost, says Mr Flood.

“Urethanes have replaced metals in many applications, including sleeve bearings, wear plates, sprockets, rollers and diverse other components. Parts made of polyurethane will often outwear other materials by margins of 5-50 to one when severe abrasion is a maintenance issue.”

Where the split blocks are used in particularly corrosive or aggressive environments – ranging from food and beverage through to primary production and handling of chemicals involved in resources processing – the blocks can be engineered from other high performance plastics particularly suited to the particular task, says Mr Flood.

In addition to split roller blocks, the company engineers a wide diversity of machinery components and Hercules brand load and slip bearings used extensively by industries ranging from architecture and construction to production and process engineering, manufacturing and materials engineering, mining and energy, timber, paper and primary product processing, food and beverage, agricultural product processing, water and waste water.