



Antec releases market leading AVT Wear Studs

Antec Engineering has announced the addition of a new series of stud welded Wear Studs from market leader AVT, to their ARCFIX range of stud welding products.

Wear Studs reduce wear on surfaces exposed to abrasion by forming a barrier between the machinery and the material being moved. It consists of applying high-chromium and high-carbon abrasion resistant studs to machinery in close formation. Wear Studs are ideally suited for use on ground engaging equipment across many applications including the deep mining industry, open pit mines, quarries, mining maintenance shops, steelworks and ore preparation plants.

The principal benefit of using AVT Wear Studs is the extreme abrasion resistance, which ultimately extends the machinery's wear life. In some areas the applied stud welded Wear Stud pattern retains the mineral debris establishing a dead bed effect, which further improves the wear resistance factor for the equipment. Wear Studs, in contrast to wear plates also offer permanent protection as the studs will not pop off even when buckets or plates buckle.

Compared to conventional welding, the process for applying AVT Wear Studs is both quick and precise. The easy to handle welding gun offers reduced heat meaning there is less risk of warping. Additionally the ability to apply the wear studs on-site reduces labour costs and machinery downtime. AVT Wear Studs comply with Australian Standards.

AVT stud welded Wear Studs are available in 3 specifications:

1. Standard Range is available in M16 & M20 diameters and maintain a core hardness after welding of 58-60HRC.
2. Premium Range is available in M16 diameters and features a tapered top that fits perfectly into the chuck. Fast loading for efficiency they maintain a core hardness after welding of 58-60HRC.
3. High Performance Range is available in M16 diameters and features a Tungsten Carbide insert for higher wear resistance. Recommended for use across 10 – 20% of total surface area for additional durability, these studs maintain a core hardness after welding of 1,200HV.

To affix the AVT Wear Studs, Antec also stock the highly regarded KOCO range of stud welding machines. These machines are backed by a full range of spare parts plus service and repair stud welding technicians.



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About Antec

Antec is a leading global supplier of refractory products and services, fire protection systems and industrial fasteners.

We manufacture and supply products and components including refractory anchors, hexagonal mesh, ceramic fibre fixings and stainless steel reinforcing fibres. Paddle & Pan mixers, gunning, pumping and grouting equipment are also available with a full range of accessories and professional support services. In 2009 Antec acquired both KBS Passive Fire Protection Systems and Epitech Products. KBS products are designed to stop fires spreading on electrical cables and PVC pipe penetrations and joints. Epitech Products provide stud welding equipment and supplies from brands such as Hilbig, KOCO & HBS and locally manufacture the ARCFIX range of studs.



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Refractory Anchors | Concrete Pumps | Dust Extractors | Paddle & Pan Mixers | Passive Fire Protection | Stud Welding