Bucket teeth may take the first impact when excavating or loading, but critical bucket components will still be exposed to premature wear unless you protect them. You would not go to work without personal protective equipment, so why would you let your bucket go to work without any protection? Kitted with the right armour, your work tool will be more productive, and more cost efficient. It’s that simple!

Especially when working in highly abrasive soils and tough rocky applications, buckets need wear protection to extend life while remaining at their peak throughout. Protective parts like bucket shrouds, side cutters, wear plates, liner kits, wear runners, roll bars, chocky bars and wear buttons all play a big part in protecting your asset and optimising productivity. The trick to a long bucket life is to protect the high-wear areas, and regularly check for bucket wear.
1. Lip Shrouds

Weld-on and mechanical lip shrouds provide excellent protection for the bucket lip or leading edge against wear. They come in multiple styles for almost any type of earthmoving bucket including excavators, face shovels, dippers, wheel loaders and LHD underground loaders. Leading edge systems provide better penetration which reduces cycle times and overall wear the machine.

2. Wing Shrouds

Wing shrouds not only protect the sides of the bucket, but they also increase penetration and material loading. Especially designed for maximum performance in construction and mining applications where optimum sharpness, lightness and robustness is required in abrasive soils.
3. Side Cutters

Bucket side cutters deliver consistent side bar protection that reduces lower bucket maintenance which ultimately saves you both time and money. Sharp side cutters increase bucket penetration, increase bucket width to match the teeth bite, and increase heaped capacity for bigger payloads. Various styles are available in either weld-on or bolt-on configuration.

4. Heel Shrouds

Wear resistant heel shrouds will protect the bucket corner edges from aggressive wear that could result in premature structural bucket failure. There are multiple styles available for hydraulic excavators, wheel loaders, face shovels and LHD scoop trams. Heel shrouds can be welded or mechanically attached.
5. Wear Runners

Wear runners extend bucket life by providing protection in high wear areas. They are a simple and effective way to extend bucket life cycles and reduce maintenance costs. When strategically placed in areas of high abrasion, you can significantly reduce downtime and bucket rebuilds.

6. Chocky Bars

Chocky bars are chrome white iron wear parts that extend bucket life considerably. They are extremely hard and provide maximum abrasion resistance, while the steel backing plate absorbs high impact. The wear resistant white iron is bonded on to a mild steel backing plate for great weldability. Chocky bars are available in different sizes and shapes to fit contoured surfaces.

7. Wear Buttons

Wear buttons are proven to combat impact and abrasion wear on buckets and many other applications like crushers, discharge chutes, rock boxes, grizzly bars and more. Like the chocky bar, wear buttons are bi-metal parts with chrome white iron for hardness and a mild steel backing for impact and easy welding.
We offer a complete line of GET & Attachments that meet our strict guidelines for toughness and durability. The range includes weld-on wear parts and mechanical hammerless systems by Feurst® and Futura®, as well as our DRP line for Caterpillar®, Esco®, Hensley®, H&L®, Hitachi®, Komatsu® and Volvo® and more. We can design any custom cast part to meet your specification.

TRY OUR SERVICE

WWW.ENSTRUC.COM
INFO@ENSTRUC.COM