

WEAR PARTS & A.R.M.



MECHANICALLY ATTACHED WEAR PLATE SYSTEM (MAWPS)

Safeguard wear areas with this hammerless system—available for a wide variety of applications.

INCREASE YOUR UPTIME

Two minute change-out—no hammer required.



LOWER YOUR INVENTORY COSTS

Flexible, versatile system welds to flat and curved surfaces.

SIMPLIFY INSPECTIONS

Wear indicator holes allow for quick and easy inspections, reducing maintenance time.

EXTEND WEAR LIFE

You can install the system perpendicular to material flow, then rotate it for more wear material.

RETENTION WITHOUT THE RISK.

Retention components are located within the base plate, where they're shielded from wear and load—eliminating the risk of wear plates falling off.



Solid MAWPS

Skeletal MAWPS

CHOOSE THE LOWEST-COST WEAR PROTECTION PER HOUR.

MAWPS VERSUS STEEL PLATES.

When you choose MAWPS instead of steel wear plates, you can see cost savings as high as 44 percent, thanks to significantly lower labor and replacement costs.



TOTAL ANNUAL COSTS WITH STEEL PLATES

	PARTS	LABOR	TOTAL
Installation costs	\$4,000	\$1,200	\$5,200
Replacement costs (2 times per year)	\$8,000	\$2,400	\$10,400
			\$15,600 or \$7.80/hour



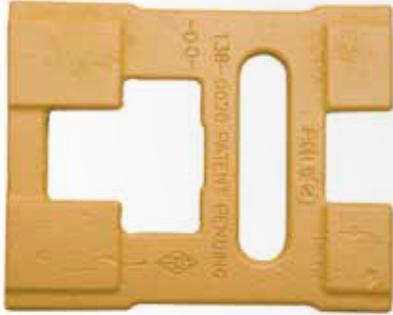
TOTAL ANNUAL COSTS WITH MAWPS

	PARTS	LABOR	TOTAL
Installation costs	\$4,000	\$600	\$4,600
Replacement costs (2 times per year)	\$4,000	\$83	\$4,083
			\$8,683 or \$4.34/hour

EASY INSTALLATION & REMOVAL

Save time and money with MAWPS' two-minute installation and removal.

- 1** Weld the adapter perpendicular to material flow for maximum wear material (or parallel to flow with the Cat logo on top for maximum coverage).



- 2** Position the wear plate over the base plate and slide the wear plate onto the base plate.



- 3** Install one end of the compression retainer with the plug and pry it into place with an 8mm-wide small pry bar.



- 4** Clean, use pry bar to remove the compression retainer, and slide the wear plate off the base plate.



Scan the QR Code to the right to watch the installation video.



Reduce maintenance hours with MAWPS' easy-to-use wear indicator holes. Just look, then rotate or replace.

SOLID MAWPS

DESIGN SOLUTIONS FOR YOUR BUCKET.

With solid MAWPS, you can enhance protection while keeping machine weight to a minimum. Choose a layout designed by Caterpillar engineers for your specific machine or application to maximize your productivity. Cat dealers can access the global library of MAWPS layouts.



SIZE	MACHINE
50 Series	5230, 994
40 Series	993, 5130, R2900
30 Series (available with A.R.M.)	992, 990, 5080, 374-390
	R1700, R1600
20 Series (available with A.R.M.)	980 and down
	365 and down
	Trucks
10 Series	972 and down
	320-349
	R1300

SKELETAL MAWPS

STAY COVERED ACROSS YOUR PASS MATCH.

Quick and easy to install, skeletal MAWPS protect the rear portion of truck bodies to help you maximize uptime. A through-hardened DH-2 wear plate slides onto a weld-on base plate and is held in place with a patented compression retainer, trapping materials from any direction.

TRAP MORE MATERIAL

The skeletal wear plate traps material in and between plates, allowing for material-on-material wear instead of wear on steel body liner products.

EXTEND WEAR LIFE

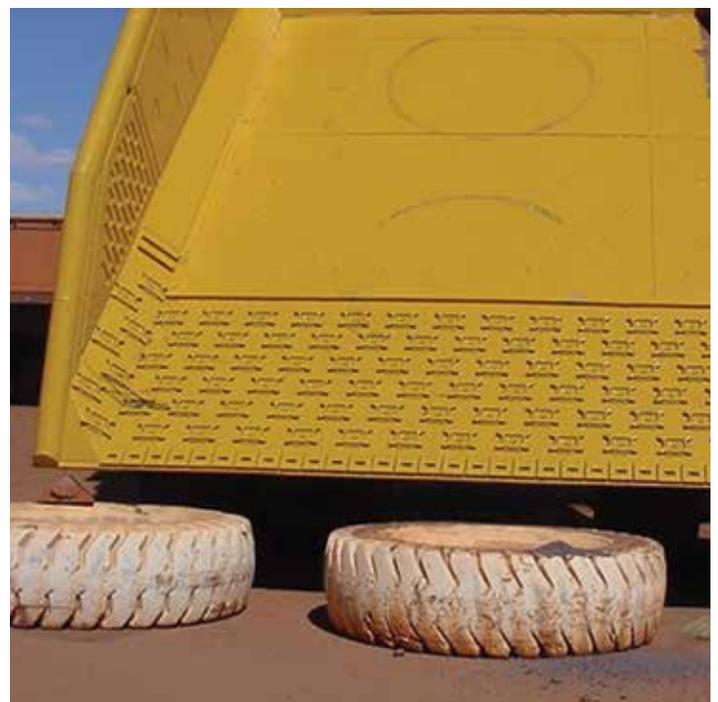
Because the compression retainer is positioned low in the base plate, more of the wear plate can be worn away before you need to replace it.

SIMPLIFY REMOVAL & INSTALLATION

You can typically replace worn wear plates in two minutes or less without hammering or welding.

INCREASE YOUR FLEXIBILITY

Available in standard and heavy-duty sizes, skeletal MAWPS can be customized to fit virtually any truck body configuration—flat floor or dual slope.



TOTAL WEAR PROTECTION

INCREASED PRODUCTIVITY. FOR EVERY ENVIRONMENT. FOR EVERY APPLICATION.

Get the best available protection for every product on your site, from wheel loaders to cable shovels, with our Total Wear Protection line.



Chocky Bars, available in four shapes, feature a V-groove design that can be bent around a radius. They can be separated or modified in length. The inset of the Cat logo allows for the trapping of fine material in each section, extending the life of the wear material itself. Chocky bars come in four sizes.



Wear Buttons, designed for applications that optimize the round profile, trap material to provide material-on-material wear. Wear buttons are available in four sizes.



Wear Blocks feature a zigzag inset design that allows for material-on-material wear. They prevent channel wear common in parallel grooves, delivering extended life in extreme operations.



Roll Bars protect the leading edge of dozers, loaders, mining shovels and other equipment, providing maximum wear protection while minimizing drag. Roll bars are available in three sizes.



Bolt Protectors help prevent hardware wear on cutting edges, top plates, sidebar protectors and more by allowing material to pack. They also allow for easier removal when replacing G.E.T.



Chocky bars in application

WELD-ON HEEL SHROUDS & HALF ARROW EDGES

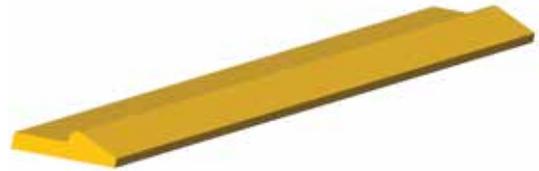
WELD-ON HEEL SHROUDS

Weld-on heel shrouds protect the bottom and side of the bucket, concentrating extra wear material in the corner where it's needed most, and are ~400 Bn in hardness. Straight or curved shrouds come in three sizes, offering up to two inches of corner protection.



WELD-ON HALF ARROW EDGES

Weld-on half arrow edges can be used to customize a bucket with sidebar protection, as side cutters to improve penetration or as segments between teeth to reduce scalloping.



WELD-ON EDGE SHROUDS

Stackable edge shrouds are designed to fit any bucket configuration and extend the life of your excavator bucket edge assembly. Shroud profile is designed to work with K Series vertical pin retainers and horizontal J Series side pins. Tabs allow for easy alignment while installing your edge protection. Two shroud sizes are available per edge thickness to fit any bucket tooth spacing.

ABRASION RESISTANT MATERIAL (A.R.M.)

Cat Abrasion Resistant Material is a coating made of extremely hard tungsten carbide particles that forms a protective shield over key wear surfaces. Cat G.E.T. with A.R.M. is ideal for high-abrasion, low-to-moderate impact applications—such as working in sand, gravel and other abrasive materials that can severely diminish G.E.T. wear life.

EXTEND YOUR WEAR LIFE

Tungsten carbide offers three to five times the life of through-hardened G.E.T.

LOWER YOUR COST PER HOUR

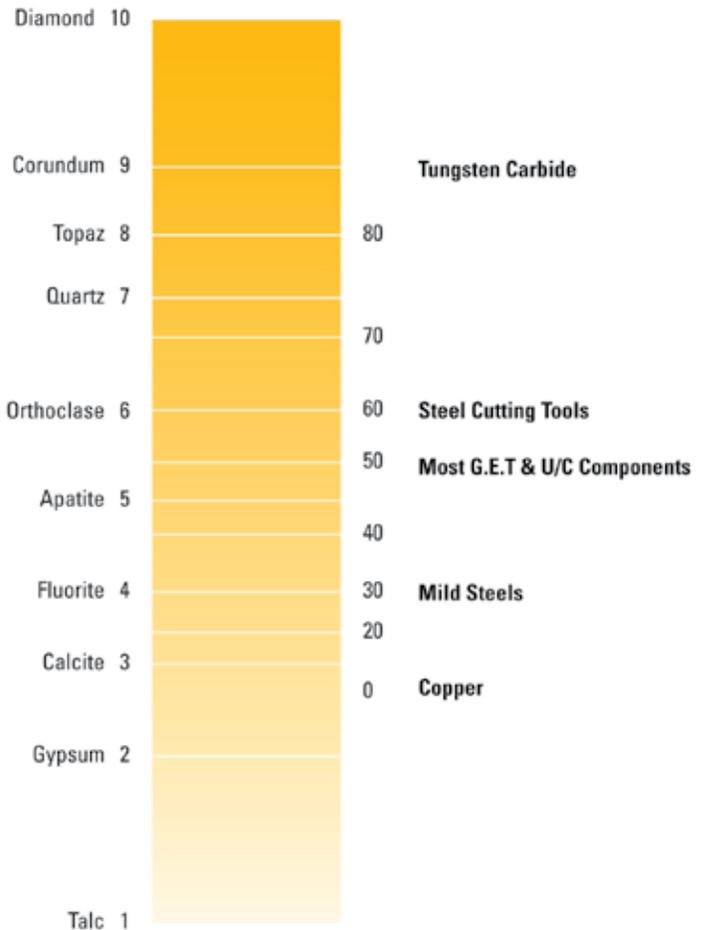
Self-sharpening wear pattern means fewer change-outs in the right applications.



HARDNESS COMPARISON

MOHS HARDNESS

ROCKWELL "C" HARDNESS



EXAMPLE PARTS WITH A.R.M. APPLIED



Two-Strap K Series Adapter



J Series Penetration Tip



K Series Heavy Duty Tip



A.R.M.
OPTION
AVAILABLE

NOTE: Products available with the A.R.M. option feature this symbol.