

# Cat® Dozer End Bit and Cutting Edge Options



Cat dozer cutting edges and end bits are designed as a balanced system to move more material over a longer period with less downtime—which translates into lower cost per hour for you. Even though other manufacturers may use Cat part numbers for their GET, there is a significant difference. Using other GET on your Cat equipment can impede penetration, elevate fuel usage, decrease production and increase your cost per hour. Cat GET offers the best value and cost per hour for your Cat equipment.

Cat cutting edges and end bits feature:

- **Through-hardened DH-2™ and DH-3™ Steels**—for great strength, maximum wear life and superior breakage resistance
- **Optional Systems**—to match the application and maximize your cost per hour
- **Deep Countersinks**—for long-lasting bolt protection, ensuring a tight fit for your GET
- **Edges in Sections**—for easy handling, storage, installation and turning (propellering)
- **End Bits with Side Extension**—to protect the moldboard from side wear
- **Balanced End Bit-to-Cutting Edge Ratio**—to minimize throwaway
- **Caterpillar® Warranty**—guaranteed against breakage in normal operation

**Caterpillar. The difference counts.™**

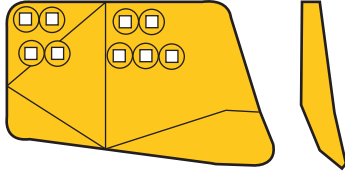
Cat Dealers define world-class product support. We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.

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# Cat Dozer End Bit and Cutting Edge Options

## Extended Wear Life End Bits and Edges



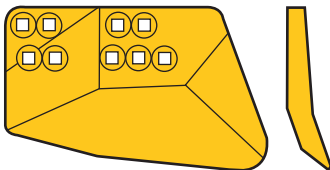
- For a wide range of production dozing applications in highly abrasive conditions, where maximum wear life is needed
- Contoured design matches the cutting edge thickness in bolt-hole area, reducing weight and carry back of material
- 25% more usable wear material than General Duty end bits and edges for prolonged life and excellent penetration
- DH-2 steel on D4 through D6 end bits and all cutting edges for excellent wear life and breakage resistance
- DH-3 steel on D7 through D11 end bits for maximum wear life
- Extended Wear Life End Bits and Edges are available with or without Abrasion Resistant Material (A.R.M.)

## Abrasion Resistant Material (A.R.M.) for Extended Wear

All Cat end bits and cutting edges can be custom ordered with Cat Abrasion Resistant Material, which is recommended for applications where sand, gravel or other materials severely diminish wear life. Hard tungsten carbide particles are bonded to critical wear areas, providing up to five times greater wear life than similar end bits and cutting edges without A.R.M. See your Cat Dealer for details.

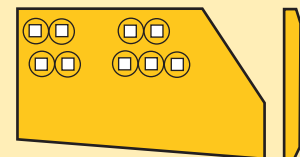


## General Duty End Bits and Edges



- For a wide range of production dozing applications
- Contoured design matches the cutting edge thickness in bolt-hole
- Thick in wear area that extends beyond support for prolonged life
- Sharpened, forward-protruding profile for excellent penetration
- Thinner than Extended Wear Life end bits and edges to provide better penetration
- DH-2 steel on D3 through D6 end bits and all cutting edges for excellent breakage resistance
- DH-3 steel on D7 through D11 end bits for maximum wear life

## Utility End Bits

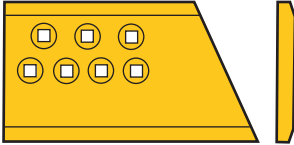


- For D6 through D11 dozer customers looking for lower initial price
- Flat plate design for applications where face wear is a continuing problem
- Good corner protection in high-impact, high-abrasion materials
- DH-2 steel for excellent strength and wear life

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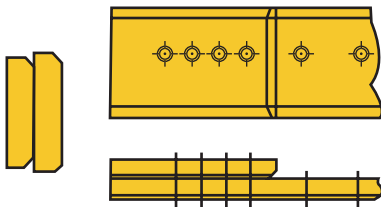
# Cat Dozer End Bit and Cutting Edge Options

## Finish Dozing End Bits and Edges



- For D3 through D9 dozers
- For finish and semi-finish dozing in low-abrasion applications
- Good corner protection in low-impact, low-abrasion materials
- End bit width matches cutting edge for uniform depth of cut
- DH-2 steel for excellent strength and wear life

## Heavy Duty Mining End Bits and Edges



- For D8 through D11 dozers in high-abrasion and/or high-impact applications where penetration is not a problem
- This system significantly extends edge and end bit life and provides increased breakage resistance
- End bit width matches cutting edge for uniform depth of cut
- DH-2 steel for superior strength and wear life capability

## Installation Tips

It is extremely important to keep all hardware tight. Loose or missing bolts can cause hardware failure, increasing downtime required for maintenance.

Prolonged operation with loose hardware can cause bolts to elongate mounting holes in the support. This makes it difficult to keep hardware tight.

To ensure tight hardware:

- Use new bolts and nuts when installing new end bits and cutting edges—old bolts may have suffered metal fatigue
- Surfaces must be clean of dirt, paint, scale, rust and weld splatter
- Mating surfaces must be clean and flat to assure maximum clamping force
- Bolt and nut threads must be clean—do not apply lubricant to the hardware, as this may over-stretch the bolt
- Cutting edge bolts are installed from the center outward or from one end to the other—do not install from both ends toward the center
- End bit bolts are installed first from the center outward, then from the center inward
- Tighten all bolts to the required torque
- Wearing safety goggles, seat bolt heads in the countersinks with a heavy hammer
- Tighten the bolts again to required torque

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# Cat Dozer End Bit and Cutting Edge Options

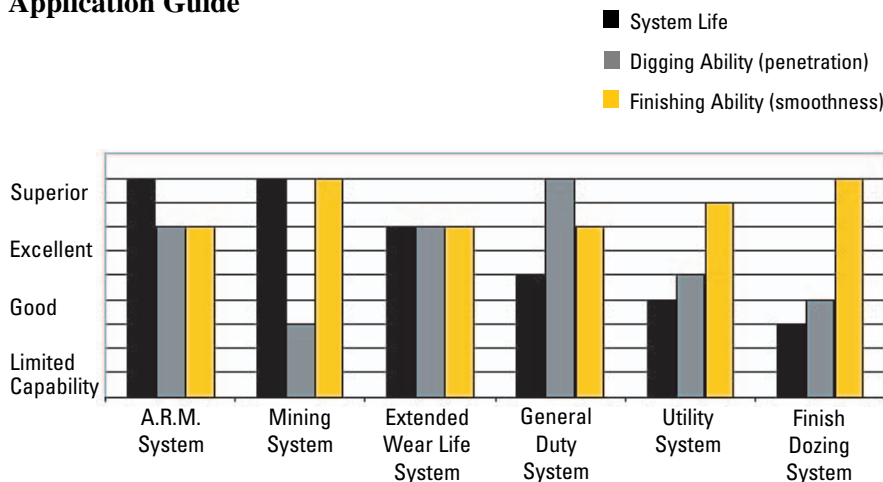
## Matched Strength In Hardware

Cat end bit and cutting edge hardware meets or exceeds requirements for SAE Grade 8 threaded fasteners. Bolt heads are dome-shaped for added strength and wear resistance. Nuts are through-hardened to match bolt strength. Cat Grade 8 nuts and dome head bolts have a minimum proofload of 120,000 psi (830 Mpa) and a tensile strength of 150,000 psi (1,035 Mpa).

## Caterpillar Warranty

Cat end bits and cutting edges are guaranteed against breakage. If a component breaks during normal operation, it will be replaced free. The warranty is subject to certain terms and conditions. See your Cat Dealer for details.

## Application Guide



## Rely on Your Cat Dealer

You can count on your Cat Dealer to support your specific needs for end bits and cutting edges.

- To identify signs of premature wear and suggest corrective action
- To suggest operating techniques to reduce wear
- To offer other blade protection products like weld-on half arrows, pin-on side bar protectors, and wear plates
- To determine when non-genuine components offer a poor fit that could damage moldboards
- To determine the best combination of components for your application to give you the lowest cost per hour



Take full advantage of these dozer edge systems—equip your machines to meet your job need. Your Cat Dealer can help you match the right components for optimum performance and service life.

## Cat End Bit and Edge Options

	A.R.M.	Mining System	Extended Wear Life	General Duty	Utility	Finish Dozing
D11						
D10						
D9						
D8						
D7						
D6						
D5						
D4						
D3						

