

Information Release Memo

GET06-05

March 2006

Cat[®] Ground Engaging Tools

Caterpillar. The difference counts.™

BOLT-ON HALF ARROW CUTTING EDGES FOR 966-972 CGS BUCKETS



This IRM announces the availability of Bolt-On Half Arrow cutting edges for selected buckets of 966-972 Wheel Loaders (see chart below). The cutting edges are made from through-hardened DH-2™ steel and will protect the full length of the bottom and leading edge of the base edge where wear can be severe, i.e., high abrasive, dense material applications. The Bolt-On Half Arrow cutting edges will fit all Cat® base edges drilled to accept standard and heavy-duty cutting edges.

For Dealer Sales Personnel

The information contained herein is intended for circulation only to Caterpillar and dealer employees whose duties require knowledge of such reports and is intended exclusively for their information and training. Any reproduction of this release without the foregoing explanation is prohibited.

PELJ0628

Printed in USA

© 2006 Caterpillar

All Rights Reserved

Description

The Bolt-On Half Arrow Cutting Edge system consists of three center edges and two end edges. Each edge has a minimum of 1.73" (44mm) of wear material positioned beneath the base edge and a lip that sticks up in front of the lip of the base edge approximately 1.02" (26mm).

Features and Benefits

The half arrow profile provides protection for the front and top bevel area of the base edge. In addition, the half arrow profile will help increase penetration capability, which will in turn increase machine productivity. For still greater wear, center and end edges with ARM are available as an option.

Both the end and center edges have lifting eyes that will aid in handling and installation. This is especially useful when changing edges in the field where fixtures and other mounting tools aside from a simple hoist, are unavailable.

The end edges, which typically wear faster than the center edges, are thicker to extend their wear life to more closely match that of the center edges.

Competitive Advantages

The major competitor for this product will be Hensley. While the products are very similar in design, there are a couple of significant differences. The first advantage resides in the overall thickness of the edges between the base edge and the bottom of the cutting edges. Cat center edges are 9 % thicker and the end edges are 15 % thicker than the Hensley edges. In addition, the Cat edges have a solid underside where the Hensley edges have a series of grooves that run the entire width of both the center and end edges. Elimination of these grooves provides more wear material on the bottom side of the center edges and end edges. In combination, these features provide the Caterpillar® edges with significantly more wear material than the Hensley edges.

The new part numbers are as follows:

Machine Model	966D, E, F, G	966G	970/970F	970/970F	972G	972G
Bucket Width	119.5" (3035mm)	126" (3200mm)	119.5" (3035mm)	126" (3200mm)	119.5" (3035mm)	126" (3200mm)
Bucket Type	CGS	CGS	CGS	CGS	CGS	CGS
Base Edge	9V-6575 7V-1490 7V-0912	7I-3015	9V-6575	7I-3015	9V-6575	7I-3015
Center Edge	253-0079	253-0071	253-0079	253-0071	253-0079	253-0071
Center Edge (ARM)	253-0083	253-0075	253-0083	253-0075	253-0083	253-0075
End Edge RH	253-0078	253-0070	253-0078	253-0070	253-0078	253-0070
End Edge LH	253-0077	253-0069	253-0077	253-0069	253-0077	253-0069
End Edge RH (ARM)	253-0082	253-0074	253-0082	253-0074	253-0082	253-0074
End Edge LH (ARM)	253-0081	253-0073	253-0081	253-0073	253-0081	253-0073
Hardware-Nut	3K-9770	3K-9770	3K-9770	3K-9770	3K-9770	3K-9770
Bolt	5P-8823	5P-8823	5P-8823	5P-8823	5P-8823	5P-8823

William Perry
 P&SS GET Prod
 Building CV 4145
 Telephone: 309-494-7038

The information contained herein is intended for circulation only to Caterpillar and dealer employees whose duties require knowledge of such reports and is intended exclusively for their information and training. Any reproduction of this release without the foregoing explanation is prohibited.

This IRM can be viewed and downloaded electronically from the Internet. Please refer to your marketing organization specific site for access to the Electronic Sales Library, which contains all of the active IRMs and product support communication materials.

CAT, CATERPILLAR, their respective logos and "Caterpillar Yellow," as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

Electronic Sales Library
 Internal Caterpillar Employees – [http://cds.cat.com/PSMprev.nsf/\\$\\$\\$MediaNumber](http://cds.cat.com/PSMprev.nsf/$$$MediaNumber)

