

# ECONOMILL

DRILLSTAR Economill is a low-cost junk mill, ideal for milling tubular equipment. It will also shave off cement in drill pipes and tubings or mill bridge plugs and retainers.

## Main advantages

The Economill can be air freighted at low cost for urgent jobs. Made with a standard rock-bit connection, it can be easily adapted to drill stem stabilizers or used inside a skirt to mill fish heads.

A large central hole gives improved mud flow, facilitating the evacuation of cuttings. Other small holes allow a perfect cleaning of the blades. The special blade design ensures perfect stabilization and centering in the casing. Drillstar Economill can be used with a turbodrill.

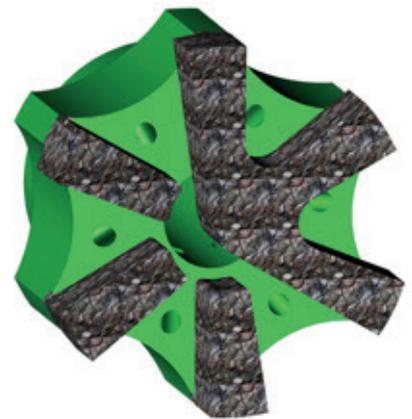
It can be hardaced with your choice of TOPLOY or TOPMILL / SWORDFISH® inserts backed by TOPLOY.



### TOPLOY

*Copper alloy hardness : 120 to 130 Hv  
Calibrated tungsten carbide grains.  
Hardness: 1400 to 1700 Hv*

- Stabilizers (TOPLOY W) : satisfactory behaviour in soft formations.
- Mills (TOPLOY S) : excellent behaviour thanks to its matrix specially designed to release worn grains.



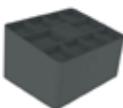
8 1/2" Economill

## Cutting inserts

Drillstar cutting inserts are made of premium cutting grade tungsten carbide, and can replace TOPLOY on most milling tools. They enable you to mill faster and longer, while reducing the necessary weight on bit.

### TOPMILL

these large, square-shaped tungsten carbide inserts are widely used today for all milling applications.



### SWORDFISH®

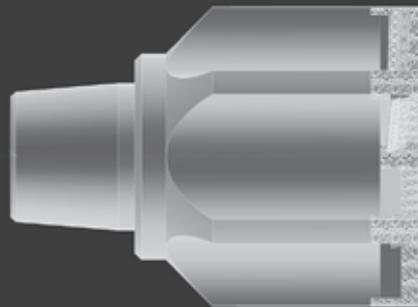
These innovative inserts combine the advantages of both square and round-shaped models. (exclusivity from Cutting & Wear)



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## Standard dimensions

Dressed Diameter	Top Connection API Regular	Overall Length	Weight (lbs)
3 1/4 - 4 3/8"	2 3/8"	7 5/8"	17
4 1/2 - 5 3/8"	2 7/8"	8 5/8"	26
5 1/2 - 7 3/8"	3 1/2"	9"	40
7 1/2 - 8 3/4"	4 1/2"	11 1/2"	76
10 1/4 - 12 1/4"	6 5/8"	16 1/2"	125
15 - 17 1/2"	7 5/8"	20"	175
19 - 26"	7 5/8"	25"	230



*Downhole Innovations, Made in France*