



## Heavy Duty Drag Bits

HD drag bits were developed during several years of direct contact with customers in order to know their most demanding needs for certain type of jobs.

They are manufactured in reinforced steel, with complete lateral protection, retract system and tungsten carbide (TC) with bigger dimensions.

The retract system permits that a HD drag bit can also drill when you are taking it out of the hole.

You can compare the HD drag bits to our chevron type drag bits but the HD have the additional characteristic of drilling also upwards.



### THREADS

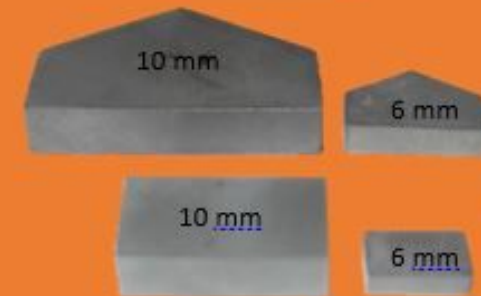
### POSSIBLE SIZES

2 3/8" API REG PIN	6 5/8" - 7 1/8"
3 1/2" API REG PIN	10" - 14"
4 1/2" API REG PIN	11 1/4" - 15"
6 5/8" API REG PIN	13 1/2" - 22"
7 5/8" API REG PIN	14 5/8" - 24"



Other sizes by request

### DIFFERENCE BETWEEN STANDARD TC AND HEAVY DUTY TC



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## Chevron type Drag Bits

These drag bits were introduced by our company to provide the clients that consult us for Chevron drag bits. Although they don't present the same characteristics they work in the same conditions. We invented the most resistant drag bits in the market produced with 10mm TC (tungsten carbide) and reinforced steel so it can provide to our customer's trustable and high durability drag bits.



### THREADS

- 2 3/8" API REG PIN
- 3 1/2" API REG PIN\*
- 4 1/2" API REG PIN\*

### POSSIBLE SIZES

- 4 1/4" - 7 1/8"
- 5 1/4" - 14"
- 7 7/8" - 15"

\*Can also be produced with 4 wings



Other sizes by request

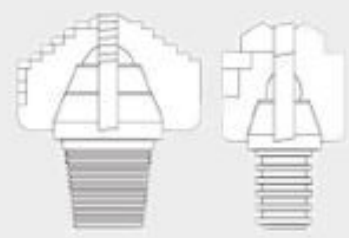
### DIFFERENCE BETWEEN STANDARD TC AND CHEVRON TYPE TC



## *The most resistant Drag Bits in the market*

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**CCE**  
THE BIGGEST  
MANUFACTURER  
OF DRAG BITS  
IN EUROPE

## Drag Bits (Step Type)

High performance drag bits with 3, 4 or 6 blades manufactured to drill soft/medium formations in different type of drilling jobs as geotechnical, foundations, water well, public works, mines, etc.

CCE offers the largest range of sizes of the market (since 2 1/2" up to 31 7/8") with several threads.

THREADS	POSSIBLE SIZES
AW ROD PIN	2 1/2" – 3 1/2"
2 3/8" API REG PIN	3 1/2" – 7 1/8"
2 7/8" API REG PIN	4" – 7 3/8"
2 3/8" API IF PIN	4" – 7 7/8"
3 1/2" API REG PIN	5 1/2" – 14"
4 1/2" API REG PIN	7 7/8" – 15"
6 5/8" API REG PIN	10 7/8" – 24 7/8"
7 5/8" API REG PIN	12 1/4" – 31 7/8"



OTHERS SIZES BY REQUEST

## OTHER MODELS



Chevron (Type) Drag Bits



Heavy Duty Drag Bits (HD)



Button Drag Bits



Lost in the Hole Drag Bits



Reverse Circulation Drag Bits



Storm Drag Bits



Reamers



Drag Bits Stabilizers