

有效切深  
Effective knifing

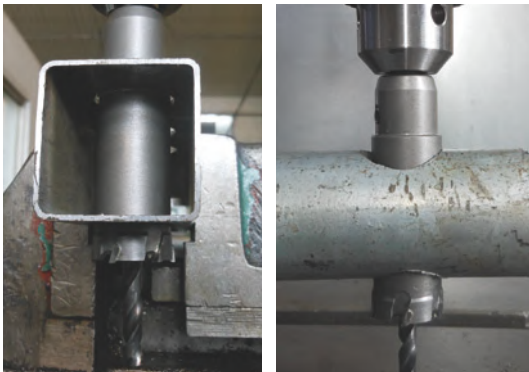
50mm

适用的电动设备  
The applicable electric equipment手电钻、冲击钻（回转型）、磁座钻机、台钻等  
Electric hand drill, impact drill (rotary type), magnetic base drilling machine and bench drill

适用材料 Apply to drilling material

工字钢 I-steel	钢板 Steel plate	管材 Tubular product	不锈钢 Stainless steel	铝 Aluminum
<1400N	-	-	<900N	-
<10mm	<10mm	-	<10mm	<5mm
✓	✓	✓	✓	✓
黄铜/锡 Brass/Tin	塑料/有机玻璃 Plastic/Organic glass	铸铁 Cast iron	叠层材料 Laminated material	
-	-	-	-	
<10mm	<10mm	<10mm	<10mm	
✓	✓	✓	✓	

加工示意图 Processing diagram



外形尺寸 Overall dimension

HTTS-4系列

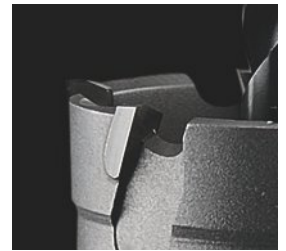


HTTS功能介绍 HTTS function introduction

## ● 排屑槽 Chip groove

为提高排屑性能，降低积屑瘤的产生，避免铁屑卡在刃与被加工材料中间引起的卡停和崩刃现象，因此我们设计了高效的的圆弧形排屑槽，即使加工厚钢板也能将铁屑迅速排出。

To improve chip-removing performance, reduce the built-up edge, and prevent from stoppage and tipping caused by blocking the iron chips between the cutting blade and the processed material, the high-efficiency arc spiral chip groove is designed, even if the thick steel plate is processed, the iron chips can be quickly discharged by the chip groove.

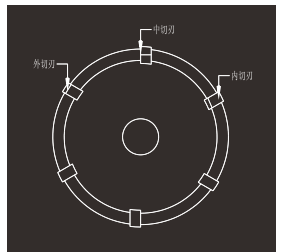


## ● 特殊的刀刃几何设计

## Geometric design of special blade

采用三层刀刃组合，分别由外刃、中刃、内刃组合而成，分量切削，每个刃分别承担各自的部分，加上内侧角的设计，实现切削阻力减小、排屑特别通畅的效果。同时，刀刃经过特殊研磨处理，使得刀刃不容易崩刃而延长钻孔寿命。

The special blade adopts the three-layer combination design of an external blade, a middle blade and an internal blade and is applied to layering and component cutting, and each blade bears their parts and is provided with an inside corner to reduce the cutting resistance and smoothly discharge the chips. At the same time, the blade is specially grinded such that the cutting blade isn't easily tipped to prolong the service life of the drill.



## ● 脱芯孔 Depoling hole

刀体侧面增加了脱芯孔的设计，极大方便清除孔内圆柱形料芯的速度。

The cutter side is provided with a depoling hole to conveniently remove the cylindrical material core in the hole.



## ● 柄部尺寸 Shank part size

柄部为10mm与13mm两种尺寸的三角柄型，采用最常规通用的1mm~13mm钻夹头支持。

The shank part is provided with 10mm and 13mm triangular shanks, and respectively clamped by general 1mm~13mm drilling chucks.

