



RAIL CUTTERS

钢轨钻

07

简介

钢轨钻是针对铁路、轨道交通的建设与维护,特殊机械制造等领域特制的高效钻孔刀具,能出色的在 U74、U71MN、PD2、PD3(U75V)等牌号上钻孔加工;创恒钢轨钻是高速钢轨钻行业的开拓者与引领者,主要有下列特点:

- 1.按材料与结构分硬质合金钢轨钻、高速钢轨钻、实心钢轨钻、可转位钢轨钻四大类;
- 2.硬质合金钢轨钻、高速钢轨钻中按性能设有标准型与高性能系列;
- 3.高性能系列为专利技术,高速钢系列钢轨钻可满足干切削,硬质合金系列钢轨钻可满足高硬度材料。

INTRODUCTION

Rail cutter used on Construction and maintenance of rail way and rail traffic , and High efficiency drilling process for special machinery manufacturing. Excellent U74、 U71Mn、 PD2、 PD3(U75V) processing performance; CHTOOLS rail cutter is the pioneer and leader of high-speed steel rail drilling industry. Features and highlights as below :

- 1.According to the material and structure ,there are Carbide tipped rail cutter, HSS rail cutter, Solid rail cutter , and Rail cutter with exchangeable carbide tips;
- 2.For carbide tipped rail cutter and HSS rail cutter , there are standard and high performance series according to performance;
- 3.High performance series are technical products, HSS rail cutter can meet dry cutting ,and carbide tipped rail cutter can meet high hardness materials.

DRG / DRH 高速钢钢轨钻

DRG / DRH HSS RAIL CUTTER

331-340

DRT / DRS 硬质合金钢轨钻

DRT / DRS CARBIDE TIPPED RAIL CUTTER

341-350

SRH / SRA 实心钢轨钻

SRH / SRA SOLID RAIL CUTTER

351-362

SKSY 可转位钢轨钻

SKSY RAIL CUTTER WITH EXCHANGEABLE CARBIDE TIPS

363

APPLICATION 应用

364-374

RAIL CUTTERS

钢轨钻

HSS RAIL CUTTER 高速钢钢轨钻系列

- 1.高速钢钢轨钻设有标准型和G型两大系列;
- 2.采用超硬高速钢,高红硬性的热处理工艺,获得优秀的基体性能;
- 3.专利的端齿几何,散热快,排屑稳定,可实现大进给,实现出色的钻削性能;
- 4.世界领先的数控自动化生产线,实现了可信的质量保证;

- 1.Setting with two series of standard type and G-type;
- 2.Super hard high speed steel with special heat treatment process to make excellent performance;
- 3.Patented end-tooth geometry, Fast heat dissipation, stable chip removal, can achieve large feed, and excellent drilling performance;
- 4.Full-automatic CNC production lines, with stable and reliable quality to guarantee drilling precision.

CARBIDE TIPPED RAIL CUTTER 硬质合金钢轨钻系列

- 1.硬质合金钢轨钻设有标准型与S型两大系列, S型系列满足高硬度的钢轨;
- 2.采用优质进口超细颗粒硬质合金,出色的抗弯强度及冲击韧性;
- 3.针对钢轨的专用切削几何,切削力小,保证良好的强度及锋利度;
- 4.世界领先的数控自动化生产线,实现了可信的质量保证;

- 1.There are standard and high-performance series for the Carbide tipped rail cutter, high performance serie,can meet the high hardness steel rail.;
- 2.Made of high-quality imported ultrafine partical carbide tips with superior bending strength and impact tenacity ;
- 3.Special blade edge geometry for steel rail, the cutting force is small , to ensure good strength and sharpness;
- 4.Full-automatic CNC production lines, with stable and reliable quality to guarantee drilling precision;

SOLID RAIL CUTTER 实心钢轨钻系列

- 1.采用钢轨专用高速钢,特殊的热处理工艺,使用寿命远超其它同类产品;
- 2.优化端齿几何,切削寿命更长、效率更高,能在每孔14秒/17mm厚的时间完成钻孔;

- 1.Made of special HSS for steel rail with special heat treatment process, make its service life much longer than other similar products;
- 2.Optimizing end-tooth geometry, with longer cutting life and higher efficiency, it can drill a hole with cutting depth 17mm in 14 seconds;

RAIL CUTTER WITH EXCHANGEABLE CARBIDE TIPS 可转位钢轨钻系列

- 1.机夹式结构,刀柄重复使用,4个刀刃刀片,提高经济性;
- 2.中心出水,良好的冷却效果,保证刀片寿命;
- 3.适合高刚性设备,适合生产线应用;

- 1.Machine clamping structure,the shank can be reused, multiple edges of each blade,improve economic efficiency in process;
- 2.Inner cooling with excellent cooling performance to ensure the life of blade; Ensure the lifetime of blade;
- 3.Suitable for high rigidity equipments utilization, and Suitable for production line applications.

RAIL CUTTERS SERIES MODEL INSTRUCTIONS 钢轨钻系列型号说明

DR H X - 2 0220

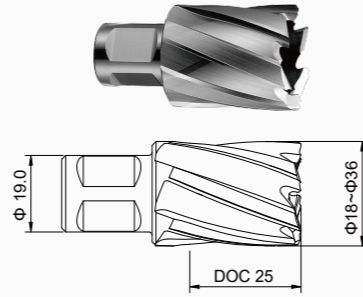
DR	H	X -	2	0220
大类 TYPE	功能码 FUNCTION CODE		规格码 SPEC CODE	
DR-空心钢轨钻 SR-实心钢轨钻 SK-实心平底钻	H - HSS-E N - HSS-Co A - HSS-PM T - TCT	X - 直角柄Φ19.05 T - 套式柄Φ14 Y - 圆销柄Φ19.05	1 - 切深22以下 2 - 切深25 3 - 切深35 4 - 切深50	0220 - φ22.0 0225 - φ22.5
DR - RAIL CUTTERS SR - OLID RAIL CUTTER SK - RAIL CUTTER WITH EXCHANGEABLE CARBIDE TIPS	G - G型钢轨钻 S - S型钢轨钻 G - G-type rail cutter S - S-type rail cutter	X - Right angle shank φ19.05 T - Sleeve type shank φ14 Y - Round pin shankφ 19.05	1 - Depth of cut below 22 2 - Depth of cut 25 3 - Depth of cut 35 4 - Depth of cut 50	

DRGX HIGH-SPEED STEEL G-TYPE RAIL CUTTER 高速钢钢轨钻 G型



- $\Phi 19.0$ mm柄径;
- 超硬高速钢, 高红硬性热处理工艺;
- 专利锋利型切削刃;
- 可水剂冷却, 油雾冷却, 干式切削应用;
- 可选PVD涂层, 升级性能。

- The diameter of shank $\Phi 19.0$ mm;
- Super hard high speed steel, special heat treatment process;
- Patented cutting edge geometry;
- Water cooling and Oil mist cooling are available, Dry cutting applications;
- PVD coating is available, improve performance.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRGX-20180FL	18*25	DRGX-20250FL	25*25	DRGX-20320FL	32*25
DRGX-20190FL	19*25	DRGX-20260FL	26*25	DRGX-20330FL	33*25
DRGX-20200FL	20*25	DRGX-20270FL	27*25	DRGX-20340FL	34*25
DRGX-20210FL	21*25	DRGX-20280FL	28*25	DRGX-20350FL	35*25
DRGX-20220FL	22*25	DRGX-20290FL	29*25	DRGX-20360FL	36*25
DRGX-20230FL	23*25	DRGX-20300FL	30*25		
DRGX-20240FL	24*25	DRGX-20310FL	31*25		

适配顶针 SUITABLE PILOT PIN

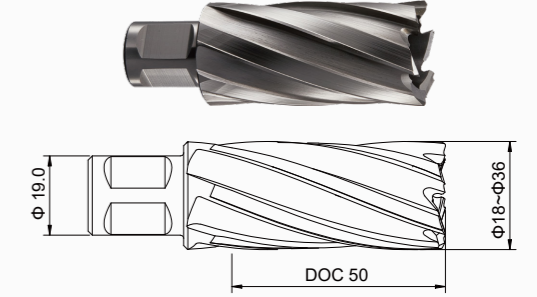
钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-36$	DPB-81077	7.98*77	

DRGX HIGH-SPEED STEEL G-TYPE RAIL CUTTER 高速钢钢轨钻 G型



- $\Phi 19.0$ mm柄径;
- 超硬高速钢, 高红硬性热处理工艺;
- 专利锋利型切削刃;
- 可水剂冷却, 油雾冷却, 干式切削应用;
- 可选PVD涂层, 升级性能。

- The diameter of shank $\Phi 19.0$ mm;
- Super hard high speed steel, special heat treatment process;
- Patented cutting edge geometry;
- Water cooling and Oil mist cooling are available, Dry cutting applications;
- PVD coating is available, improve performance.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRGX-40180FL	18*50	DRGX-40250FL	25*50	DRGX-40320FL	32*50
DRGX-40190FL	19*50	DRGX-40260FL	26*50	DRGX-40330FL	33*50
DRGX-40200FL	20*50	DRGX-40270FL	27*50	DRGX-40340FL	34*50
DRGX-40210FL	21*50	DRGX-40280FL	28*50	DRGX-40350FL	35*50
DRGX-40220FL	22*50	DRGX-40290FL	29*50	DRGX-40360FL	36*50
DRGX-40230FL	23*50	DRGX-40300FL	30*50		
DRGX-40240FL	24*50	DRGX-40310FL	31*50		

适配顶针 SUITABLE PILOT PIN

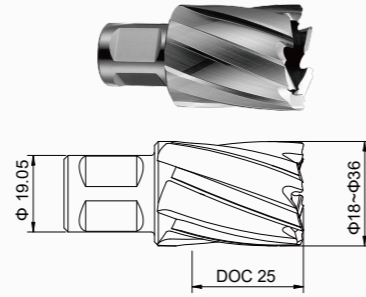
钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-36$	DPB-81103	7.98*103	



DRGX HIGH-SPEED STEEL G-TYPE RAIL CUTTER 高速钢钢轨钻 G型

- $\Phi 19.05$ mm柄径;
- 超硬高速钢, 高红硬性热处理工艺;
- 专利锋利型切削刃;
- 可水剂冷却, 油雾冷却, 干式切削应用;
- 可选PVD涂层, 升级性能。

- The diameter of shank $\Phi 19.05$ mm;
- Super hard high speed steel, special heat treatment process;
- Patented cutting edge geometry;
- Water cooling and Oil mist cooling are available, Dry cutting applications;
- PVD coating is available, improve performance.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRGX-20180	18*25	DRGX-20250	25*25	DRGX-20320	32*25
DRGX-20190	19*25	DRGX-20260	26*25	DRGX-20330	33*25
DRGX-20200	20*25	DRGX-20270	27*25	DRGX-20340	34*25
DRGX-20210	21*25	DRGX-20280	28*25	DRGX-20350	35*25
DRGX-20220	22*25	DRGX-20290	29*25	DRGX-20360	36*25
DRGX-20230	23*25	DRGX-20300	30*25		
DRGX-20240	24*25	DRGX-20310	31*25		

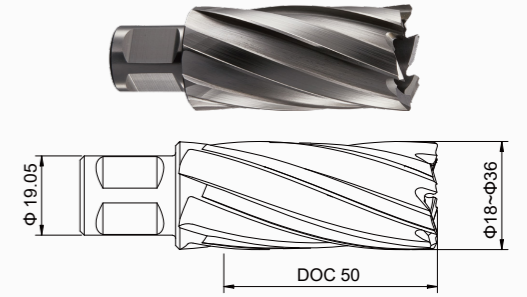
适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-36$	DPB-81077	7.98*77	

DRGX HIGH-SPEED STEEL G-TYPE RAIL CUTTER 高速钢钢轨钻 G型

- $\Phi 19.05$ mm柄径;
- 超硬高速钢, 高红硬性热处理工艺;
- 专利锋利型切削刃;
- 可水剂冷却, 油雾冷却, 干式切削应用;
- 可选PVD涂层, 升级性能。

- The diameter of shank $\Phi 19.05$ mm;
- Super hard high speed steel, special heat treatment process;
- Patented cutting edge geometry;
- Water cooling and Oil mist cooling are available, Dry cutting applications;
- PVD coating is available, improve performance.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRGX-40180	18*50	DRGX-40250	25*50	DRGX-40320	32*50
DRGX-40190	19*50	DRGX-40260	26*50	DRGX-40330	33*50
DRGX-40200	20*50	DRGX-40270	27*50	DRGX-40340	34*50
DRGX-40210	21*50	DRGX-40280	28*50	DRGX-40350	35*50
DRGX-40220	22*50	DRGX-40290	29*50	DRGX-40360	36*50
DRGX-40230	23*50	DRGX-40300	30*50		
DRGX-40240	24*50	DRGX-40310	31*50		

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-36$	DPB-81103	7.98*103	

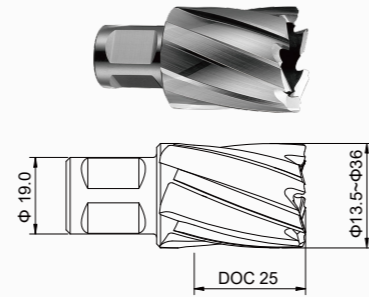


DRHX HIGH-SPEED STEEL RAIL CUTTER 高速钢钢轨钻

DRHX HIGH-SPEED STEEL RAIL CUTTER 高速钢钢轨钻

- $\Phi 19.0$ mm柄径;
- 超硬高速钢, 性能优越;
- 专用切削刃, 切削锋利;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.0$ mm;
- Super hard high speed steel, excellent performance;
- Specialized geometric cutting edge, make sure cutting sharp;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

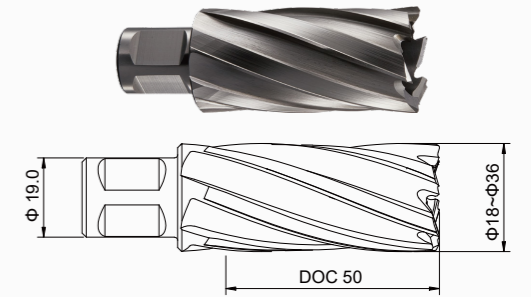
型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRHX-20135FL	13.5*25	DRHX-20240FL	24*25	DRHX-20310FL	31*25
DRHX-20180FL	18*25	DRHX-20250FL	25*25	DRHX-20320FL	32*25
DRHX-20190FL	19*25	DRHX-20260FL	26*25	DRHX-20330FL	33*25
DRHX-20200FL	20*25	DRHX-20270FL	27*25	DRHX-20340FL	34*25
DRHX-20210FL	21*25	DRHX-20280FL	28*25	DRHX-20350FL	35*25
DRHX-20220FL	22*25	DRHX-20290FL	29*25	DRHX-20360FL	36*25
DRHX-20230FL	23*25	DRHX-20300FL	30*25		

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	适配顶针 MATCHING PILOT PIN		
	型号 MODEL	规格 SPECIFICATION	顶针 PILOT PIN
$\Phi 13.5-17$	DPB-62077	6.34*5.3*77	
$\Phi 18-36$	DPB-81077	7.98*77	

- $\Phi 19.0$ mm柄径;
- 超硬高速钢, 性能优越;
- 专用切削刃, 切削锋利;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.0$ mm;
- Super hard high speed steel, excellent performance;
- Specialized geometric cutting edge, make sure cutting sharp;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRHX-40180FL	18*50	DRHX-40250FL	25*50	DRHX-40320FL	32*50
DRHX-40190FL	19*50	DRHX-40260FL	26*50	DRHX-40330FL	33*50
DRHX-40200FL	20*50	DRHX-40270FL	27*50	DRHX-40340FL	34*50
DRHX-40210FL	21*50	DRHX-40280FL	28*50	DRHX-40350FL	35*50
DRHX-40220FL	22*50	DRHX-40290FL	29*50	DRHX-40360FL	36*50
DRHX-40230FL	23*50	DRHX-40300FL	30*50		
DRHX-40240FL	24*50	DRHX-40310FL	31*50		

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	适配顶针 MATCHING PILOT PIN		
	型号 MODEL	规格 SPECIFICATION	顶针 PILOT PIN
$\Phi 18-36$	DPB-81103	7.98*103	

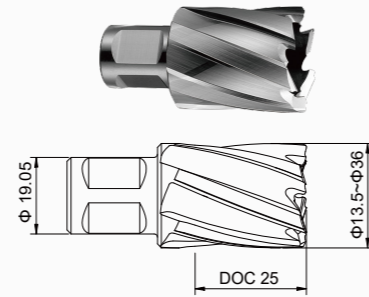


DRHX HIGH-SPEED STEEL RAIL CUTTER 高速钢钢轨钻

DRHX HIGH-SPEED STEEL RAIL CUTTER 高速钢钢轨钻

- $\Phi 19.05$ mm柄径;
- 超硬高速钢, 性能优越;
- 专用切削刃, 切削锋利;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.05$ mm;
- Super hard high speed steel, excellent performance;
- Specialized geometric cutting edge, make sure cutting sharp;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

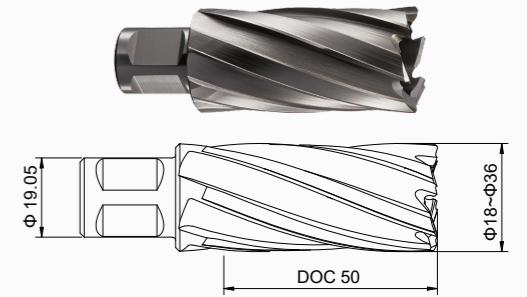
型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRHX-20135	13.5*25	DRHX-20240	24*25	DRHX-20310	31*25
DRHX-20180	18*25	DRHX-20250	25*25	DRHX-20320	32*25
DRHX-20190	19*25	DRHX-20260	26*25	DRHX-20330	33*25
DRHX-20200	20*25	DRHX-20270	27*25	DRHX-20340	34*25
DRHX-20210	21*25	DRHX-20280	28*25	DRHX-20350	35*25
DRHX-20220	22*25	DRHX-20290	29*25	DRHX-20360	36*25
DRHX-20230	23*25	DRHX-20300	30*25		

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 13.5-17$	DPB-62077	6.34*5.3*77	
$\Phi 18-36$	DPB-81077	7.98*77	

- $\Phi 19.05$ mm柄径;
- 超硬高速钢, 性能优越;
- 专用切削刃, 切削锋利;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.05$ mm;
- Super hard high speed steel, excellent performance;
- Specialized geometric cutting edge, make sure cutting sharp;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRHX-40180	18*50	DRHX-40250	25*50	DRHX-40320	32*50
DRHX-40190	19*50	DRHX-40260	26*50	DRHX-40330	33*50
DRHX-40200	20*50	DRHX-40270	27*50	DRHX-40340	34*50
DRHX-40210	21*50	DRHX-40280	28*50	DRHX-40350	35*50
DRHX-40220	22*50	DRHX-40290	29*50	DRHX-40360	36*50
DRHX-40230	23*50	DRHX-40300	30*50		
DRHX-40240	24*50	DRHX-40310	31*50		

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-36$	DPB-81103	7.98*103	



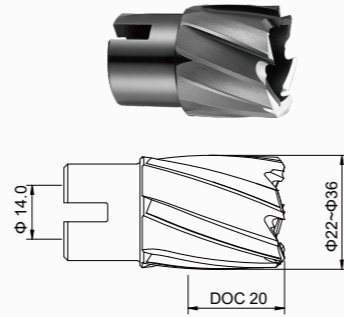
DRHT HSS RAIL CUTTER WITH SLEEVE SHANK 高速钢套式钢轨钻

- 超硬高速钢, 性能优越;
- 锋利型切削刃;
- 内孔带槽专用接口。
- Super hard high speed steel, excellent performance;
- Sharp cutting edge;
- The special connector with inner hole slot.



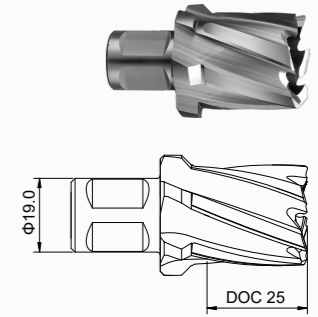
单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRHT-10220	22*20	DRHT-10300	30*20
DRHT-10230	23*20	DRHT-10310	31*20
DRHT-10240	24*20	DRHT-10320	32*20
DRHT-10250	25*20	DRHT-10330	33*20
DRHT-10260	26*20	DRHT-10340	34*20
DRHT-10270	27*20	DRHT-10350	35*20
DRHT-10280	28*20	DRHT-10360	36*20
DRHT-10290	29*20		



DRH-002L1 HIGH-SPEED STEEL CHAMFERING RAIL CUTTER 钻铤一体钢轨钻

- $\Phi 19.0$ mm柄径;
- 超硬高速钢, 性能优越;
- 专用切削刃, 切削锋利;
- 带倒角钻功能;
- The diameter of shank is 19mm;
- Super hard high speed steel, excellent performance;
- Specialized geometric design, with sharp cutting;
- Function of chamfering.

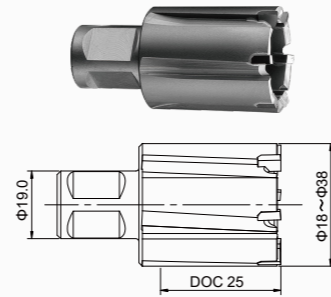


适配顶针 SUITABLE PILOT PIN

			匹配顶针 MATCHING PILOT PIN
型号 MODEL	规格 SIZE	匹配顶针 MATCHED PILOT PIN	顶针 PILOT PIN
DRH-002L1	31*25*61	7.98*77	

DRTX CARBIDE TIPPED RAIL CUTTER 硬质合金钢轨钻

- $\Phi 19.0$ mm柄径;
 - 超细颗粒硬质合金刀片;专用切削几何;
 - 低温高强度焊接工艺;
 - 水剂冷却、油雾冷却应用;
- The diameter of shank $\Phi 19.0$ mm;
 - Speical carbide tips, speicalized cutting geometry;
 - Low temperature and high strength welding process;
 - Water cooling and Oil mist cooling are available.



单位(Unit): mm

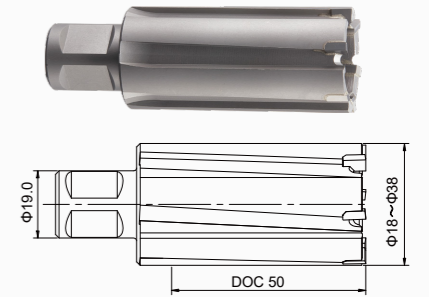
型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRTX-20180SL	18*25	DRTX-20250SL	25*25	DRTX-20320SL	32*25
DRTX-20190SL	19*25	DRTX-20260SL	26*25	DRTX-20330SL	33*25
DRTX-20200SL	20*25	DRTX-20270SL	27*25	DRTX-20340SL	34*25
DRTX-20210SL	21*25	DRTX-20280SL	28*25	DRTX-20350SL	35*25
DRTX-20220SL	22*25	DRTX-20290SL	29*25	DRTX-20360SL	36*25
DRTX-20230SL	23*25	DRTX-20300SL	30*25	DRTX-20370SL	37*25
DRTX-20240SL	24*25	DRTX-20310SL	31*25	DRTX-20380SL	38*25

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81077	7.98*77	

DRTX CARBIDE TIPPED RAIL CUTTER 硬质合金钢轨钻

- $\Phi 19.0$ mm柄径;
 - 超细颗粒硬质合金刀片;专用切削几何;
 - 低温高强度焊接工艺;
 - 水剂冷却、油雾冷却应用;
- The diameter of shank $\Phi 19.0$ mm;
 - Speical carbide tips, speicalized cutting geometry;
 - Low temperature and high strength welding process;
 - Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRTX-40180SL	18*50	DRTX-40250SL	25*50	DRTX-40320SL	32*50
DRTX-40190SL	19*50	DRTX-40260SL	26*50	DRTX-40330SL	33*50
DRTX-40200SL	20*50	DRTX-40270SL	27*50	DRTX-40340SL	34*50
DRTX-40210SL	21*50	DRTX-40280SL	28*50	DRTX-40350SL	35*50
DRTX-40220SL	22*50	DRTX-40290SL	29*50	DRTX-40360SL	36*50
DRTX-40230SL	23*50	DRTX-40300SL	30*50	DRTX-40370SL	37*50
DRTX-40240SL	24*50	DRTX-40310SL	31*50	DRTX-40380SL	38*50

适配顶针 SUITABLE PILOT PIN

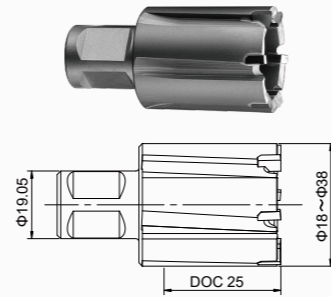
钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81103	7.98*103	



DRTX CARBIDE TIPPED RAIL CUTTER 硬质合金钢轨钻

- $\Phi 19.05$ mm柄径;
- 超细颗粒硬质合金刀片;专用切削几何;
- 低温高强度焊接工艺;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.05$ mm;
- Speical carbide tips, speicalized cutting geometry;
- Low temperature and high strength welding process;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRTX-20180	18*25	DRTX-20250	25*25	DRTX-20320	32*25
DRTX-20190	19*25	DRTX-20260	26*25	DRTX-20330	33*25
DRTX-20200	20*25	DRTX-20270	27*25	DRTX-20340	34*25
DRTX-20210	21*25	DRTX-20280	28*25	DRTX-20350	35*25
DRTX-20220	22*25	DRTX-20290	29*25	DRTX-20360	36*25
DRTX-20230	23*25	DRTX-20300	30*25	DRTX-20370	37*25
DRTX-20240	24*25	DRTX-20310	31*25	DRTX-20380	38*25

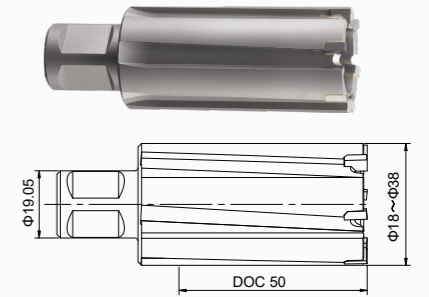
适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81077	7.98*77	

DRTX CARBIDE TIPPED RAIL CUTTER 硬质合金钢轨钻

- $\Phi 19.05$ mm柄径;
- 超细颗粒硬质合金刀片;专用切削几何;
- 低温高强度焊接工艺;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.05$ mm;
- Speical carbide tips, speicalized cutting geometry;
- Low temperature and high strength welding process;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRTX-40180	18*50	DRTX-40250	25*50	DRTX-40320	32*50
DRTX-40190	19*50	DRTX-40260	26*50	DRTX-40330	33*50
DRTX-40200	20*50	DRTX-40270	27*50	DRTX-40340	34*50
DRTX-40210	21*50	DRTX-40280	28*50	DRTX-40350	35*50
DRTX-40220	22*50	DRTX-40290	29*50	DRTX-40360	36*50
DRTX-40230	23*50	DRTX-40300	30*50	DRTX-40370	37*50
DRTX-40240	24*50	DRTX-40310	31*50	DRTX-40380	38*50

适配顶针 SUITABLE PILOT PIN

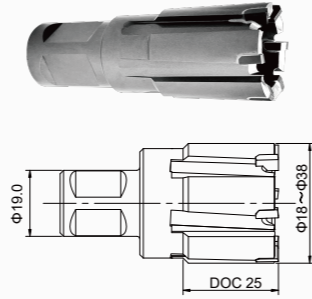
钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81103	7.98*103	

DRSX DRSX CARBIDE TIPPED S-TYPE RAIL CUTTER 硬质合金钢轨钻 S型

DRSX DRSX CARBIDE TIPPED S-TYPE RAIL CUTTER 硬质合金钢轨钻 S型

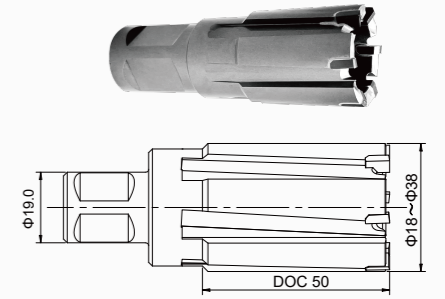
- $\Phi 19.0$ mm柄径;
- 高红硬性硬质合金刀片;
- 低温高强度焊接工艺;
- 专用切削几何;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.0$ mm;
- Speical carbide tips with special heat treatment;
- Low temperature and high strength welding process;
- Specialized cutting geometry;
- Water cooling and Oil mist cooling are available.



- $\Phi 19.0$ mm柄径;
- 高红硬性硬质合金刀片;
- 低温高强度焊接工艺;
- 专用切削几何;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.0$ mm;
- Speical carbide tips with special heat treatment;
- Low temperature and high strength welding process;
- Specialized cutting geometry;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRSX-20180SL	18*25	DRSX-20250SL	25*25	DRSX-20320SL	32*25
DRSX-20190SL	19*25	DRSX-20260SL	26*25	DRSX-20330SL	33*25
DRSX-20200SL	20*25	DRSX-20270SL	27*25	DRSX-20340SL	34*25
DRSX-20210SL	21*25	DRSX-20280SL	28*25	DRSX-20350SL	35*25
DRSX-20220SL	22*25	DRSX-20290SL	29*25	DRSX-20360SL	36*25
DRSX-20230SL	23*25	DRSX-20300SL	30*25	DRSX-20370SL	37*25
DRSX-20240SL	24*25	DRSX-20310SL	31*25	DRSX-20380SL	38*25

单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRSX-40180SL	18*50	DRSX-40250SL	25*50	DRSX-40320SL	32*50
DRSX-40190SL	19*50	DRSX-40260SL	26*50	DRSX-40330SL	33*50
DRSX-40200SL	20*50	DRSX-40270SL	27*50	DRSX-40340SL	34*50
DRSX-40210SL	21*50	DRSX-40280SL	28*50	DRSX-40350SL	35*50
DRSX-40220SL	22*50	DRSX-40290SL	29*50	DRSX-40360SL	36*50
DRSX-40230SL	23*50	DRSX-40300SL	30*50	DRSX-40370SL	37*50
DRSX-40240SL	24*50	DRSX-40310SL	31*50	DRSX-40380SL	38*50

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81077	7.98*77	

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81103	7.98*103	

DRSX DRSX CARBIDE TIPPED S-TYPE RAIL CUTTER

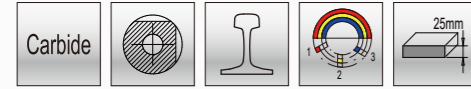
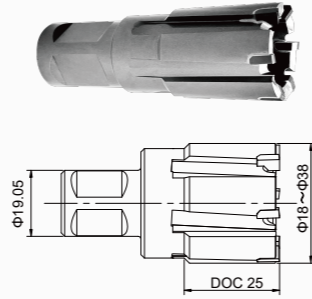
硬质合金钢轨钻 S型

DRSX DRSX CARBIDE TIPPED S-TYPE RAIL CUTTER

硬质合金钢轨钻 S型

- $\Phi 19.05\text{mm}$ 柄径;
- 高红硬性硬质合金刀片;
- 低温高强度焊接工艺;
- 专用切削几何;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.05\text{mm}$;
- Speical carbide tips with special heat treatment;
- Low temperature and high strength welding process;
- Specialized cutting geometry;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

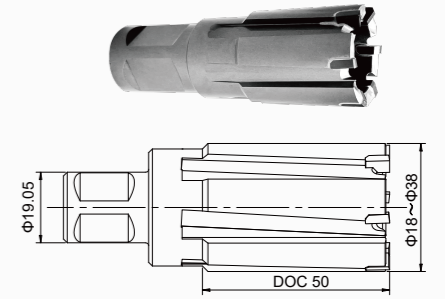
型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRSX-20180	18*25	DRSX-20250	25*25	DRSX-20320	32*25
DRSX-20190	19*25	DRSX-20260	26*25	DRSX-20330	33*25
DRSX-20200	20*25	DRSX-20270	27*25	DRSX-20340	34*25
DRSX-20210	21*25	DRSX-20280	28*25	DRSX-20350	35*25
DRSX-20220	22*25	DRSX-20290	29*25	DRSX-20360	36*25
DRSX-20230	23*25	DRSX-20300	30*25	DRSX-20370	37*25
DRSX-20240	24*25	DRSX-20310	31*25	DRSX-20380	38*25

适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81077	7.98*77	

- $\Phi 19.05\text{mm}$ 柄径;
- 高红硬性硬质合金刀片;
- 低温高强度焊接工艺;
- 专用切削几何;
- 水剂冷却、油雾冷却应用;

- The diameter of shank $\Phi 19.0\text{mm}$;
- Speical carbide tips with special heat treatment;
- Low temperature and high strength welding process;
- Specialized cutting geometry;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRSX-40180	18*50	DRSX-40250	25*50	DRSX-40320	32*50
DRSX-40190	19*50	DRSX-40260	26*50	DRSX-40330	33*50
DRSX-40200	20*50	DRSX-40270	27*50	DRSX-40340	34*50
DRSX-40210	21*50	DRSX-40280	28*50	DRSX-40350	35*50
DRSX-40220	22*50	DRSX-40290	29*50	DRSX-40360	36*50
DRSX-40230	23*50	DRSX-40300	30*50	DRSX-40370	37*50
DRSX-40240	24*50	DRSX-40310	31*50	DRSX-40380	38*50

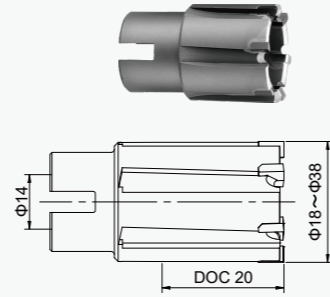
适配顶针 SUITABLE PILOT PIN

钻头直径 DIAMETER	匹配顶针 MATCHING PILOT PIN		顶针 PILOT PIN
	型号 MODEL	规格 SPECIFICATION	
$\Phi 18-38$	DPB-81103	7.98*103	

DRTT TCT RAIL CUTTER SLEEVE SHANK 硬质合金套式柄钢轨钻

- 套式专用柄, 免螺钉便捷式拆装;
- 超细颗粒硬质合金刀片; 专用切削几何;
- 低温高强度焊接工艺;
- 水剂冷却、油雾冷却应用;

- The special shank with sleeve type, Quick-in clamping without screw;
- Speical carbide tips, specialized cutting geometry;
- Low temperature and high strength welding process;
- Water cooling and Oil mist cooling are available.



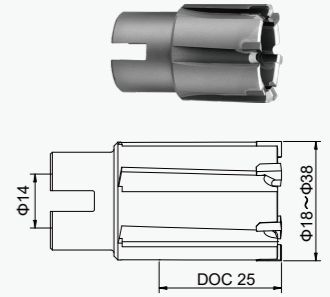
单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRTT-10180	18*20	DRTT-10260	26*20	DRTT-10340	34*20
DRTT-10190	19*20	DRTT-10270	27*20	DRTT-10350	35*20
DRTT-10200	20*20	DRTT-10280	28*20	DRTT-10360	36*20
DRTT-10210	21*20	DRTT-10290	29*20	DRTT-10370	37*20
DRTT-10220	22*20	DRTT-10300	30*20	DRTT-10380	38*20
DRTT-10230	23*20	DRTT-10310	31*20		
DRTT-10240	24*20	DRTT-10320	32*20		
DRTT-10250	25*20	DRTT-10330	33*20		

DRTT TCT RAIL CUTTER SLEEVE SHANK 硬质合金套式柄钢轨钻

- 套式专用柄, 免螺钉便捷式拆装;
- 超细颗粒硬质合金刀片; 专用切削几何;
- 低温高强度焊接工艺;
- 水剂冷却、油雾冷却应用;

- The special shank with shell type, Quick-in clamping without screw;
- Speical carbide tips, specialized cutting geometry;
- Low temperature and high strength welding process;
- Water cooling and Oil mist cooling are available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
DRTT-20180	18*25	DRTT-20260	26*25	DRTT-20340	34*25
DRTT-20190	19*25	DRTT-20270	27*25	DRTT-20350	35*25
DRTT-20200	20*25	DRTT-20280	28*25	DRTT-20360	36*25
DRTT-20210	21*25	DRTT-20290	29*25	DRTT-20370	37*25
DRTT-20220	22*25	DRTT-20300	30*25	DRTT-20380	38*25
DRTT-20230	23*25	DRTT-20310	31*25		
DRTT-20240	24*25	DRTT-20320	32*25		
DRTT-20250	25*25	DRTT-20330	33*25		

SRHJ HSS SPLIT-TYPE SOLID RAIL CUTTER 高速钢分体式实心钢轨钻

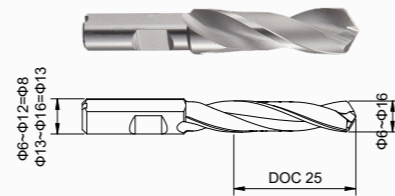
- $\Phi 8\text{mm}$ 和 $\Phi 13\text{mm}$ 两种柄径;
- 超硬高速钢, 高红硬性热处理工艺;
- 设有冷却引流结构, 提高冷却性能;
- 可重复修磨;

- Two shank diameters of $\Phi 8\text{mm}$ and $\Phi 13\text{mm}$ are available;
- Super hard High speed steel, with special heat treatment process;
- Cooling drainage structure to improve cooling performance;
- Regrinding is available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHJ-20060	6*25	SRHJ-20120	12*25
SRHJ-20080	8*25	SRHJ-20130	13*25
SRHJ-20095	9.5*25	SRHJ-20135	13.5*25
SRHJ-20098	9.8*25	SRHJ-20140	14*25
SRHJ-20100	10*25	SRHJ-20150	15*25
SRHJ-20110	11*25	SRHJ-20160	16*25



适配附件 ACCESSORIES

钻头直径 DIAMETER	匹配配件 ACCESSORIES				
	原订货号 ORIGINAL PART NO.	订货号 PART NO.	名称 NAME	规格 SPECIFICATION	配件 ACCESSORIES
$\Phi 6-12$	198122001	10198020090	接柄	19.05*8*35	
$\Phi 13-16$	198122003	10198020091	接柄	19.05*13*35	
		2399006	顶杆	8.4*7*22	

SRHJ HSS SPLIT-TYPE SOLID RAIL CUTTER 高速钢分体式实心钢轨钻

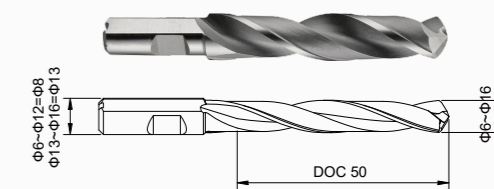
- $\Phi 8\text{mm}$ 和 $\Phi 13\text{mm}$ 两种柄径;
- 超硬高速钢, 高红硬性热处理工艺;
- 设有冷却引流结构, 提高冷却性能;
- 可重复修磨;

- Two shank diameters of $\Phi 8\text{mm}$ and $\Phi 13\text{mm}$ are available;
- Super hard High speed steel, with special heat treatment process;
- Cooling drainage structure to improve cooling performance;
- Regrinding is available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHJ-40060	6*50	SRHJ-40120	12*50
SRHJ-40080	8*50	SRHJ-40130	13*50
SRHJ-40095	9.5*50	SRHJ-40135	13.5*50
SRHJ-40098	9.8*50	SRHJ-40140	14*50
SRHJ-40100	10*50	SRHJ-40150	15*50
SRHJ-40110	11*50	SRHJ-40160	16*50



适配附件 ACCESSORIES

钻头直径 DIAMETER	匹配配件 ACCESSORIES				
	原订货号 ORIGINAL PART NO.	订货号 PART NO.	名称 NAME	规格 SPECIFICATION	配件 ACCESSORIES
$\Phi 6-12$	198122001	10198020090	接柄	19.05*8*35	
$\Phi 13-16$	198122003	10198020091	接柄	19.05*13*35	
		2399006	顶杆	8.4*7*22	



SRAJ HSS SPLIT-TYPE SOLID RAIL CUTTER

高速钢分体式实心钢轨钻

- $\Phi 8\text{mm}$ 和 $\Phi 13\text{mm}$ 两种柄径;
 - 粉末高速钢, 高红硬性热处理工艺;
 - 设有冷却引流结构, 提高冷却性能;
 - 可重复修磨;
- Two shank diameters of $\Phi 8\text{mm}$ and $\Phi 13\text{mm}$ are available;
 - HSS-PM, with special heat treatment process;
 - Cooling drainage structure to improve cooling performance;
 - Regrinding is available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRAJ-20060	6*25	SRAJ-20120	12*25
SRAJ-20080	8*25	SRAJ-20130	13*25
SRAJ-20095	9.5*25	SRAJ-20135	13.5*25
SRAJ-20098	9.8*25	SRAJ-20140	14*25
SRAJ-20100	10*25	SRAJ-20150	15*25
SRAJ-20110	11*25	SRAJ-20160	16*25

适配附件 ACCESSORIES

钻头直径 DIAMETER	匹配配件 ACCESSORIES				
	原订货号 ORIGINAL PART NO.	订货号 PART NO.	名称 NAME	规格 SPECIFICATION	配件 ACCESSORIES
$\Phi 6-12$	198122001	10198020090	接柄	19.05*8*35	
$\Phi 13-16$	198122003	10198020091	接柄	19.05*13*35	
		2399006	顶杆	8.4*7*22	

SRAJ HSS SPLIT-TYPE SOLID RAIL CUTTER

高速钢分体式实心钢轨钻

- $\Phi 8\text{mm}$ 和 $\Phi 13\text{mm}$ 两种柄径;
 - 粉末高速钢, 高红硬性热处理工艺;
 - 设有冷却引流结构, 提高冷却性能;
 - 可重复修磨;
- Two shank diameters of $\Phi 8\text{mm}$ and $\Phi 13\text{mm}$ are available;
 - HSS-PM, with special heat treatment process;
 - Cooling drainage structure to improve cooling performance;
 - Regrinding is available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHJ-40060	6*50	SRHJ-40120	12*50
SRHJ-40080	8*50	SRHJ-40130	13*50
SRHJ-40095	9.5*50	SRHJ-40135	13.5*50
SRHJ-40098	9.8*50	SRHJ-40140	14*50
SRHJ-40100	10*50	SRHJ-40150	15*50
SRHJ-40110	11*50	SRHJ-40160	16*50

适配附件 ACCESSORIES

钻头直径 DIAMETER	匹配配件 ACCESSORIES				
	原订货号 ORIGINAL PART NO.	订货号 PART NO.	名称 NAME	规格 SPECIFICATION	配件 ACCESSORIES
$\Phi 6-12$	198122001	10198020090	接柄	19.05*8*35	
$\Phi 13-16$	198122003	10198020091	接柄	19.05*13*35	
		2399006	顶杆	8.4*7*22	

SRNJ HSS SOLID RAIL DRILL WITH J-TYPE WELDON SHANK

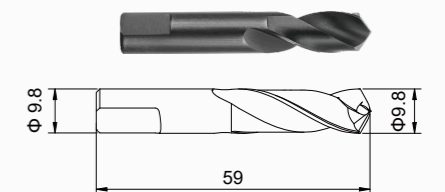
高速钢J型削平柄实心钢轨钻

- $\Phi 9.8$ 柄径;
 - 钴高速钢, 匹配专用接头;
 - 可重复修磨;
- $\Phi 9.8$ shank diameter;
 - High speed steel with cobalt to matching special chuck;
 - Regrinding is available.



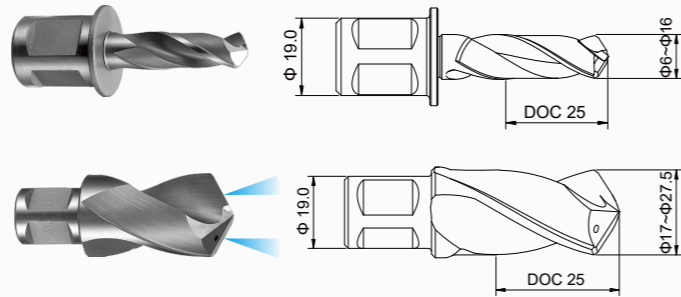
单位(Unit): mm

型号 MODEL	规格 SPECIFICATION
SRNJ	9.8*59



SRHX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.0\text{mm}$ 柄径;
 - 超硬高速钢, 特殊两刃切削几何;
 - 卓越的耐磨性与抗冲击性;
 - 可重复修磨多次;
- The diameter of shank $\Phi 19.0\text{mm}$;
 - Super hard High speed steel, special two edges cutting geometry ;
 - Excellent abrasion resistance and impact resistance;
 - Regrinding is available.

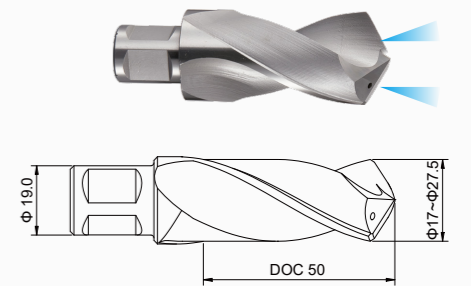


单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHX-20060ML	6*25	SRHX-20140ML	14*25	SRHX-20220ML	22*25
SRHX-20080ML	8*25	SRHX-20150ML	15*25	SRHX-20230ML	23*25
SRHX-20095ML	9.5*25	SRHX-20160ML	16*25	SRHX-20240ML	24*25
SRHX-20098ML	9.8*25	SRHX-20170ML	17*25	SRHX-20250ML	25*25
SRHX-20100ML	10*25	SRHX-20180ML	18*25	SRHX-20260ML	26*25
SRHX-20110ML	11*25	SRHX-20190ML	19*25	SRHX-20270ML	27*25
SRHX-20120ML	12*25	SRHX-20195ML	19.5*25	SRHX-20275ML	27.5*25
SRHX-20130ML	13*25	SRHX-20200ML	20*25		
SRHX-20135ML	13.5*25	SRHX-20210ML	21*25		

SRHX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.0\text{mm}$ 柄径;
 - 超硬高速钢, 特殊两刃切削几何;
 - 卓越的耐磨性与抗冲击性;
 - 可重复修磨多次;
- The diameter of shank $\Phi 19.0\text{mm}$;
 - Super hard High speed steel, special two edges cutting geometry ;
 - Excellent abrasion resistance and impact resistance;
 - Regrinding is available.



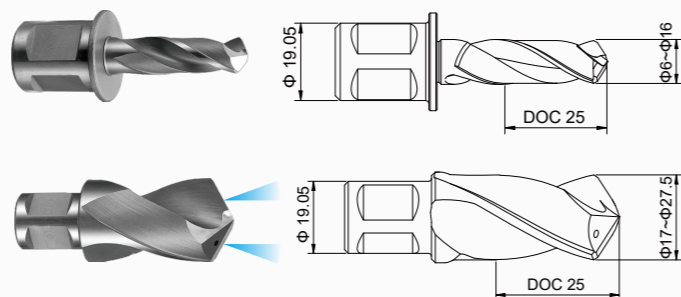
单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHX-40170ML	17*50	SRHX-40210ML	21*50	SRHX-40260ML	26*50
SRHX-40180ML	18*50	SRHX-40220ML	22*50	SRHX-40270ML	27*50
SRHX-40190ML	19*50	SRHX-40230ML	23*50	SRHX-40275ML	27.5*50
SRHX-40195ML	19.5*50	SRHX-40240ML	24*50		
SRHX-40200ML	20*50	SRHX-40250ML	25*50		



SRHX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.05\text{mm}$ 柄径;
 - 超硬高速钢, 特殊两刃切削几何;
 - 卓越的耐磨性与抗冲击性;
 - 可重复修磨多次;
- The diameter of shank $\Phi 19.05\text{mm}$;
 - Super hard High speed steel, special two edges cutting geometry ;
 - Excellent abrasion resistance and impact resistance;
 - Regrinding is available.

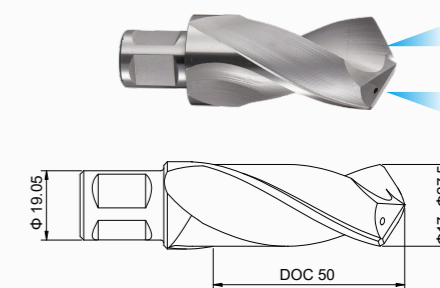


单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHX-20060	6*25	SRHX-20140	14*25	SRHX-20220	22*25
SRHX-20080	8*25	SRHX-20150	15*25	SRHX-20230	23*25
SRHX-20095	9.5*25	SRHX-20160	16*25	SRHX-20240	24*25
SRHX-20098	9.8*25	SRHX-20170	17*25	SRHX-20250	25*25
SRHX-20100	10*25	SRHX-20180	18*25	SRHX-20260	26*25
SRHX-20110	11*25	SRHX-20190	19*25	SRHX-20270	27*25
SRHX-20120	12*25	SRHX-20195	19.5*25	SRHX-20275	27.5*25
SRHX-20130	13*25	SRHX-20200	20*25		
SRHX-20135	13.5*25	SRHX-20210	21*25		

SRHX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.05\text{mm}$ 柄径;
 - 超硬高速钢, 特殊两刃切削几何;
 - 卓越的耐磨性与抗冲击性;
 - 可重复修磨多次;
- The diameter of shank $\Phi 19.05\text{mm}$;
 - Super hard High speed steel, special two edges cutting geometry ;
 - Excellent abrasion resistance and impact resistance;
 - Regrinding is available.

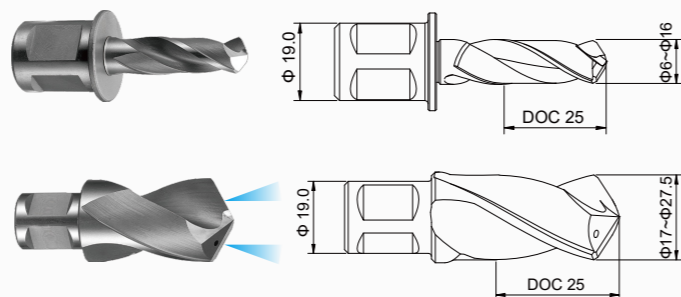


单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRHX-40170	17*50	SRHX-40210	21*50	SRHX-40260	26*50
SRHX-40180	18*50	SRHX-40220	22*50	SRHX-40270	27*50
SRHX-40190	19*50	SRHX-40230	23*50	SRHX-40275	27.5*50
SRHX-40195	19.5*50	SRHX-40240	24*50		
SRHX-40200	20*50	SRHX-40250	25*50		

SRAX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.0$ mm柄径;
- 粉末高速钢, 特殊两刃切削几何;
- 卓越的耐磨性与抗冲击性;
- 可重复修磨多次;
- The diameter of shank $\Phi 19.0$ mm;
- HSS-PM, special two edges cutting geometry;
- Excellent abrasion resistance and impact resistance;
- Regrinding is available.

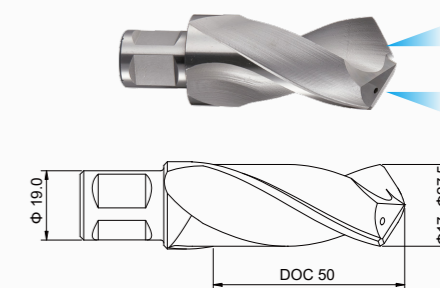


单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRAX-20060ML	6*25	SRAX-20140ML	14*25	SRAX-20220ML	22*25
SRAX-20080ML	8*25	SRAX-20150ML	15*25	SRAX-20230ML	23*25
SRAX-20095ML	9.5*25	SRAX-20160ML	16*25	SRAX-20240ML	24*25
SRAX-20098ML	9.8*25	SRAX-20170ML	17*25	SRAX-20250ML	25*25
SRAX-20100ML	10*25	SRAX-20180ML	18*25	SRAX-20260ML	26*25
SRAX-20110ML	11*25	SRAX-20190ML	19*25	SRAX-20270ML	27*25
SRAX-20120ML	12*25	SRAX-20195ML	19.5*25	SRAX-20275ML	27.5*25
SRAX-20130ML	13*25	SRAX-20200ML	20*25		
SRAX-20135ML	13.5*25	SRAX-20210ML	21*25		

SRAX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.0$ mm柄径;
- 粉末高速钢, 特殊两刃切削几何;
- 卓越的耐磨性与抗冲击性;
- 可重复修磨多次;
- The diameter of shank $\Phi 19.0$ mm;
- HSS-PM, special two edges cutting geometry;
- Excellent abrasion resistance and impact resistance;
- Regrinding is available.

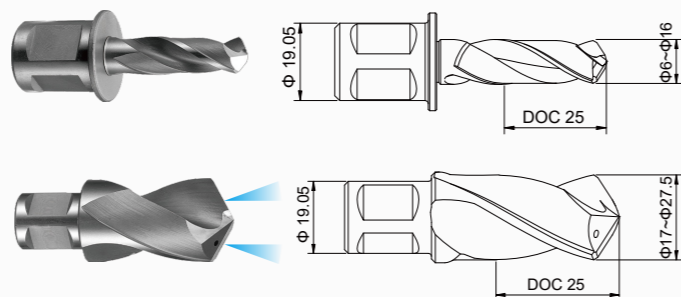


单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRAX-40170ML	17*50	SRAX-40210ML	21*50	SRAX-40260ML	26*50
SRAX-40180ML	18*50	SRAX-40220ML	22*50	SRAX-40270ML	27*50
SRAX-40190ML	19*50	SRAX-40230ML	23*50	SRAX-40275ML	27.5*50
SRAX-40195ML	19.5*50	SRAX-40240ML	24*50		
SRAX-40200ML	20*50	SRAX-40250ML	25*50		

SRAX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

- $\Phi 19.05\text{mm}$ 柄径;
- 粉末高速钢, 特殊两刃切削几何;
- 卓越的耐磨性与抗冲击性;
- 可重复修磨多次;
- The diameter of shank $\Phi 19.05\text{mm}$;
- HSS-PM, special two edges cutting geometry;
- Excellent abrasion resistance and impact resistance;
- Regrinding is available.

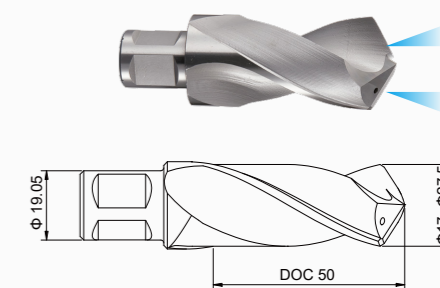


单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRAX-20060	6*25	SRAX-20140	14*25	SRAX-20220	22*25
SRAX-20080	8*25	SRAX-20150	15*25	SRAX-20230	23*25
SRAX-20095	9.5*25	SRAX-20160	16*25	SRAX-20240	24*25
SRAX-20098	9.8*25	SRAX-20170	17*25	SRAX-20250	25*25
SRAX-20100	10*25	SRAX-20180	18*25	SRAX-20260	26*25
SRAX-20110	11*25	SRAX-20190	19*25	SRAX-20270	27*25
SRAX-20120	12*25	SRAX-20195	19.5*25	SRAX-20275	27.5*25
SRAX-20130	13*25	SRAX-20200	20*25		
SRAX-20135	13.5*25	SRAX-20210	21*25		

SRAX HSS INTEGRAL TYPE SOLID RAIL CUTTER 高速钢整体式实心钢轨钻

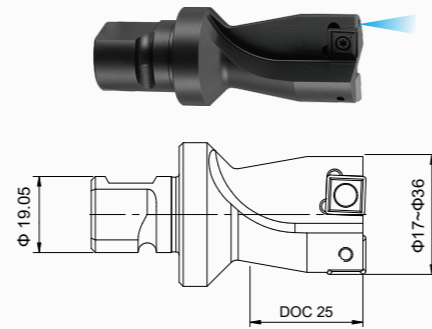
- $\Phi 19.05\text{mm}$ 柄径;
- 粉末高速钢, 特殊两刃切削几何;
- 卓越的耐磨性与抗冲击性;
- 可重复修磨多次;
- The diameter of shank $\Phi 19.05\text{mm}$;
- HSS-PM, special two edges cutting geometry;
- Excellent abrasion resistance and impact resistance;
- Regrinding is available.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SRAX-40170	17*50	SRAX-40210	21*50	SRAX-40260	26*50
SRAX-40180	18*50	SRAX-40220	22*50	SRAX-40270	27*50
SRAX-40190	19*50	SRAX-40230	23*50	SRAX-40275	27.5*50
SRAX-40195	19.5*50	SRAX-40240	24*50		
SRAX-40200	20*50	SRAX-40250	25*50		

- 圆销柄结构, 实现快装;
 - 机夹式, 可转位结构, 应用更为方便与经济;
 - 适合特殊钻机或刚性良好的设备;
- Round shank construction for quick clamping;
 - Machine clamping type, special structure, Application is more convenient and economical;
 - Suitable on special rail drills or equipment with good rigidity.



单位(Unit): mm

型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION	型号 MODEL	规格 SPECIFICATION
SKSY-20170	17*25	SKSY-20250	25*25	SKSY-20325	32.5*25
SKSY-20180	18*25	SKSY-20260	26*25	SKSY-20330	33*25
SKSY-20190	19*25	SKSY-20280	28*25	SKSY-20340	34*25
SKSY-20200	20*25	SKSY-20290	29*25	SKSY-20360	36*25
SKSY-20220	22*25	SKSY-20300	30*25		
SKSY-20240	24*25	SKSY-20320	32*25		

附件 ACCESSORIES

名称 NAME	订货号 PART NO.	规格 SPECIFICATION	使用扭矩 TORQUE	直径 DIAMETER	附件 ACCESSORIES
刀片 INSERT	2501014	6*6*2.4	-	Φ18-21	
	2501015	8*8*4	-	Φ22-27	
	2501013	10*10*4.3	-	Φ28-34	
	2501016	11.5*11.5*4.8	-	Φ35-36	
螺钉 SCREW	2102027	M2.2	0.5	Φ18-21	
	2102028	M2.5	1.0	Φ22-27	
	2102094	M3.5	2.5	Φ28-34	
	2102045	M4	3.5	Φ35-36	
扳手 WRENCH	2502012	T6	0.5	Φ18-21	
	2502011	T7	1.0	Φ22-27	
	2502010	T15	2.5	Φ28-36	

KEY POINTS FOR APPLICATION 应用要点

推荐切削速度 SELECTION OF THE CUTTING SPEED

硬质合金钢轨钻: 切削速度 $V_c=30\sim35\text{m/min}$

高速钢钢轨钻: 切削速度 $V_c=15\sim20\text{m/min}$

转速: $n=(V_c \times 1000) / (\pi \times D_c)$

Carbide tipped rail cutter: Cutting speed $V_c=30\sim35\text{m/min}$

HSS rail cutter: Cutting speed $V_c=15\sim20\text{m/min}$

Rotational speed: $n=(V_c \times 1000) / (\pi \times D_c)$

详见转速推荐表 SEE ROTATIONAL SPEED RECOMMENDATION TABLE FOR DETAILS

进给速度的选择 SELECTION OF THE FEED SPEED

合理的进给速度与钢和钢轨钻的寿命直接相关。

推荐合理的转进给量为:

高速钢钢轨钻:

转进给 $f_n: 0.12\sim0.17\text{mm/r}$, 进给速度 $v_f: 30\sim36\text{mm/min}$

硬质合金钢轨钻:

转进给 $f_n: 0.07\sim0.17\text{mm/r}$, 进给速度 $v_f: 20\sim36\text{mm/min}$

乳化液: 一般以95%的水和5%的切削原液配比而成, 具有润滑、防锈作用。

手动进给时应尽量遵循上述参数, 进给过快或者过慢均可能加快钻头的钝化速度, 缩短钻头的使用寿命。

在内燃机钢轨钻机上钻孔时, 还要结合内燃机的功率, 确保内燃机在正常的工作转速下作业。

Feed rate is very important, and reasonable feed speed is directly related to the life of rail cutter.

Recommend that reasonable rotary feed amount shall be:

HSS RAIL CUTTER:

Feed for one revolution $f_n: 0.12\sim0.17\text{mm/r}$, feed speed $v_f: 30\sim36\text{mm/min}$

CARBIDE TIPPED RAIL CUTTER:

Feed for one revolution $f_n: 0.07\sim0.17\text{mm/r}$, feed speed $v_f: 20\sim36\text{mm/min}$

Coolant: generally mixed of 95% water and 5% cutting oil fluid, which has functions of lubricating and rust prevention

As much as possible to followed as above parameters when manual feeding, too fast or too slow feed will speed up the passivation of the drill bit, and shorten the life of the drill bit.

When used on internal combustion rail drill machines, the power of internal shall be also considered, to ensure internal combustion operate under normal working rotational speed.

MATTERS NEEDING ATTENTION FOR SAFE OPERATION 安全操作注意事项

1. 请穿戴工作服、戴好防护眼镜进行作业, 防止铁屑飞溅伤到皮肤及眼睛;
2. 在产品正确安装的情况下作业, 防止发生危险;
3. 安装、取下本产品时, 请在电源插头拔下或电源断开的情况下进行;
4. 钻孔过程中产生热量, 谨防烫伤与对周围环境的影响;
5. 不要擅自改造本产品, 再进行钻孔作业, 防止不可预料的事情发生;
6. 产品旋转工作中, 严禁用手触摸, 不可带手套;
7. 工作中如出现振动, 尖锐的声音等异常, 请停止作业, 对产品检查或更换新的产品;
8. 请熟读钻头和机器的使用说明书, 再使用产品。

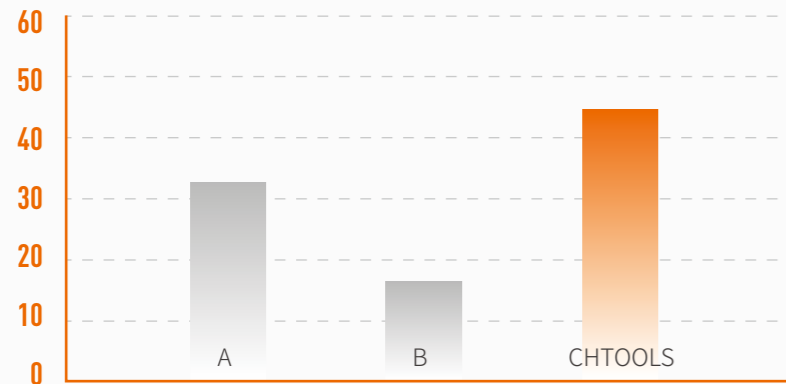
1. Please wear work clothes, and protective glasses for work, avoiding scrap iron harming skin and eyes;
2. Worked when the product is correctly installed to prevent hazard;
3. When installing and dismantling this product, the power plug shall be pulled off or the power shall be cut off;
4. High heat will be generated during the drilling, it shall be cautious of getting a burn and influence to surroundings;
5. Do not remould this product to operate drilling without scientific evaluation, to prevent the occurrence of unexpected things;
6. Don't touch it with hands during products work in the rotating state;
7. Please stop operation if vibration, sharp sounds and other abnormality is work, then check the product or replace with new product;
8. Please read drill bit and machine operation manual carefully first, and then use the product.

APPLICATION 应用

LIFE TEST OF HSS RAIL CUTTER

高速钢钢轨钻寿命测试

钻孔寿命(孔) DRILLING LIFE (HOLE)



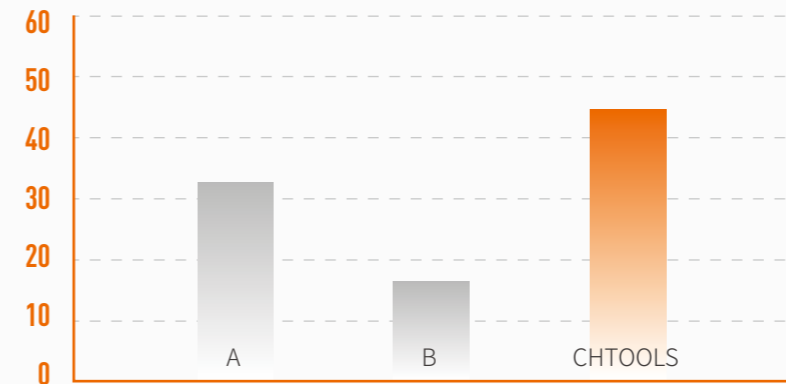
钻孔机器: 内燃机钢轨钻孔机
工件: U75V 钢轨, 60KG等级
钻头: DRHX-20310 $\Phi 31 \times 25$
冷却液: 乳化液 5% (Emulsion 5%)
切削速度: $V_c = 20\text{m/min}$
转速: $n = 205\text{rpm}$
 Drilling Machine: Internal combustion engine rail drilling machine
 Workpiece: U75V steel rail, grade 60KG
 Drill bit: HSS-E rail cutter $\Phi 31 \times 25$
 Cooling liquid: Emulsion 5%
 Cutting speed: $V_c = 20\text{m/min}$
 Rotational speed: $n = 205\text{rpm}$

数据来源: CHTOOLS实验室 DATA SOURCE: CHTOOLS LABORATORY

LIFE TEST OF CARBIDE TIPPED RAIL CUTTER

硬质合金钢轨钻寿命测试

钻孔寿命(孔) DRILLING LIFE (HOLE)



钻孔机器: 内燃机钢轨钻孔机
工件: U75V 钢轨, 60KG等级
钻头: DRTX-20310 $\Phi 31 \times 25$
冷却液: 乳化液 5% (Emulsion 5%)
切削速度: $V_c = 34\text{m/min}$
转速: $n = 350\text{rpm}$
 Drilling Machine: Internal combustion engine rail drilling machine
 Workpiece: U75V steel rail, grade 60KG
 Drill bit: carbide rail cutter $\Phi 31 \times 25$
 Cooling liquid: Emulsion 5%
 Cutting speed: $V_c = 34\text{m/min}$
 Rotational speed: $n = 350\text{rpm}$

数据来源: CHTOOLS实验室 DATA SOURCE: CHTOOLS LABORATORY

INSTALLATION DIAGRAM

安装示意图

高速钢钢轨钻 HIGH SPEED STEEL RAIL DRILL

把匹配的顶针插入钻头的顶孔。
Insert the matching pilot pin into the pin hole of the drill.

将钻头的卡位槽对准钻机主轴上的削, 卡准后顺时针旋转。
Align the slot with the spindle of the rail machine, and then rotate clockwise

工件左右微调卡位
Fine-tune the slots left and right for the workpiece

将柄端两平面对准钻机主轴上的两螺钉孔, 用内六角扳手拧紧并稍留0.2-0.3mm的间隙, 双手配合分别来回转动钻头与扳手, 确认内六角螺钉垂直于两平面后, 拧紧螺钉。
Aim the two planes of the handle end at the two screw holes on the spindle of the drilling machine, Tighten with the Allen wrench and leave a little gap of 0.2-0.3mm, rotate gently back and forth with your hands, and tighten the screw firmly after confirming that the Allen screw is perpendicular to the two planes.

套式钢轨钻 SLEEVE TYPE RAIL DRILL

将钻头的卡位槽对准钻机主轴上的削, 卡准后顺时针旋转。
Align the slot with the spindle of the rail machine, and then rotate clockwise

INSTALLATION DIAGRAM

安装示意图

硬质合金钢轨钻 CARBIDE TIPPED RAIL CUTTER

把匹配的顶针插入钻头的顶孔。
Insert the matching pilot pin into the pin hole of the drill.

将钻头的卡位槽对准钻机主轴上的削, 卡准后顺时针旋转。
Align the slot with the spindle of the rail machine, and then rotate clockwise

工件左右微调卡位
Fine-tune the slots left and right for the workpiece

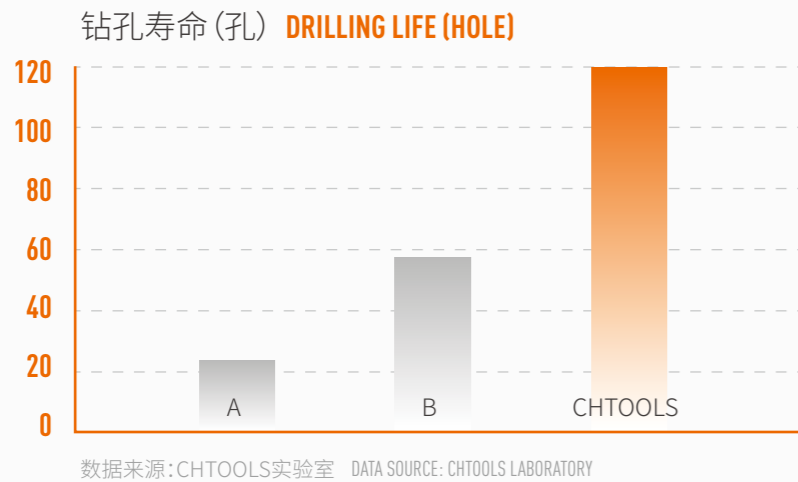
将柄端两平面对准钻机主轴上的两螺钉孔, 用内六角扳手拧紧并稍留0.2-0.3mm的间隙, 双手配合分别来回转动钻头与扳手, 确认内六角螺钉垂直于两平面后, 拧紧螺钉。
Aim the two planes of the handle end at the two screw holes on the spindle of the drilling machine, Tighten with the Allen wrench and leave a little gap of 0.2-0.3mm, rotate gently back and forth with your hands, and tighten the screw firmly after confirming that the Allen screw is perpendicular to the two planes.

硬质合金套式钢轨钻 TCT RAIL CUTTER SLEEVE SHANK

将钻头的卡位槽对准钻机主轴上的削, 卡准后顺时针旋转。
Align the slot with the spindle of the rail machine, and then rotate clockwise

APPLICATION 应用

LIFE TEST OF HSS-E RAIL CUTTER 高速钢实心钢轨钻寿命测试



钻孔机器: 内燃机钢轨钻孔机
工件: U75V 钢轨, 60KG等级
钻头: SRHX-20098 $\Phi 9.8 \times 25$ (实心) 乳化
冷却液: 液 5% (Emulsion 5%)
切削速度: $V_c = 8\text{m/min}$
转速: $n = 260\text{rpm}$

Drilling Machine: Internal combustion engine rail drilling machine
Workpiece: U75V steel rail, grade 60KG
Drill bit: HSS-E rail cutter $\Phi 9.8 \times 25$ (Solid core)
Cooling liquid: Emulsion 5%
Cutting speed: $V_c = 8\text{m/min}$
Rotational speed: $n = 260\text{rpm}$

INSTALLATION DIAGRAM 安装示意图

实心钢轨钻 HSS-E SOLID RAIL CUTTER

工件左右微调卡位
Fine-tune the slots left and right for the workpiece

将柄端两平面对准钻机主轴上的两螺钉孔, 用内六角扳手拧紧并稍留0.2-0.3mm的间隙, 双手配合分别来回转动钻头与扳手, 确认内六角螺钉垂直于两平面后, 拧紧螺钉。

Aim the two planes of the handle end at the screw holes on the spindle of the drilling machine, tighten with the Allen wrench and leave a little gap of 0.2-0.3mm, rotate gently back and forth with your hands, and tighten the screw firmly after confirming that the Allen screw is perpendicular to the two planes.

RAIL CUTTER WITH EXCHANGE CARBIDE TIP INSTALLATION DIAGRAM 可转位钢轨钻安装示意图

可转位钢轨钻 RAIL CUTTER WITH EXCHANGABLE CARBIDE TIPS

工件左右微调卡位
Fine-tune the slots left and right for the workpiece

将柄端两平面对准钻机主轴上的两螺钉孔, 用内六角扳手拧紧并稍留0.2-0.3mm的间隙, 双手配合分别来回转动钻头与扳手, 确认内六角螺钉垂直于两平面后, 拧紧螺钉。

Aim the two flats of the handle end at the screw holes on the spindle of the drilling machine, tighten with the Allen wrench and leave a little gap of 0.2-0.3mm, rotate gently back and forth with your hands, and tighten the screw firmly after confirming that the Allen screw is perpendicular to the two flats.

CUTTING PARAMETERS 切削参数

1.RECOMMENDED FEED RATE OF HSS RAIL CUTTER 1.高速钢钢轨钻进给量推荐表

钢轨类型 RAIL STEEL TYPE	切削速度 Vc m/min CUTTING SPEED	进给量 FEED (mm/r)	冷却方式 COOLING METHOD	冷却流量 ML/MIN
U74	22	0.15-0.2	5%乳化液内冷却 5% coolant fluid internal cooling 微量油雾冷却 micro oil mist cooling method	≥300
U71Mn	20	0.12-0.18		
PD2	20	0.12-0.18		
PD3(U75V)	20	0.12-0.18		
BNbRE	18	0.1-0.15		

1.RECOMMENDED FEED RATE OF CARBIDE TIPPED RAIL CUTTER 1.硬质合金标准型钢轨钻进给量推荐表

钢轨类型 RAIL STEEL TYPE	切削速度 Vc m/min CUTTING SPEED	进给量 FEED (mm/r)	冷却方式 COOLING METHOD	冷却流量 ML/MIN
U74	35	0.1-0.15	5%乳化液内冷却 5% coolant fluid internal cooling 微量油雾冷却 micro oil mist cooling method	≥300
U71Mn	33	0.1-0.15		
PD2	33	0.1-0.15		
PD3(U75V)	33	0.1-0.15		
BNbRE	30	0.08-0.12		

2.RECOMMENDED CUTTING ROTATION SPEED OF HSS STANDARD TYPE AND G-TYPE RAIL CUTTER 2.高速钢G型、标准型钢轨钻切削转速推荐表

直径 DIAMETER	U74	U71MN	PD2	PD3 (U75V)	BNBRE
13.5	519	472	472	472	425
18	389	354	354	354	318
19	369	335	335	335	302
20	350	318	318	318	287
21	334	303	303	303	273
22	318	290	290	290	261
23	305	277	277	277	249
24	292	265	265	265	239
25	280	255	255	255	229
26	269	245	245	245	220
27	259	236	236	236	212
28	250	227	227	227	205
29	242	220	220	220	198
30	234	212	212	212	191
31	226	205	205	205	185
32	219	199	199	199	179
33	212	193	193	193	174
34	206	187	187	187	169
35	200	182	182	182	164
36	195	177	177	177	159

2.RECOMMENDED CUTTING ROTATION SPEED OF CARBIDE TIPPED STANDARD TYPE RAIL CUTTER 2.硬质合金标准型钢轨钻切削转速推荐表

直径 DIAMETER	U74	U71MN	PD2	PD3 (U75V)	BNBRE
18	619	584	584	584	531
19	587	553	553	553	503
20	557	525	525	525	478
21	531	500	500	500	455
22	507	478	478	478	434
23	485	457	457	457	415
24	464	438	438	438	398
25	446	420	420	420	382
26	429	404	404	404	367
27	413	389	389	389	354
28	398	375	375	375	341
29	384	362	362	362	329
30	372	350	350	350	318
31	360	339	339	339	308
32	348	328	328	328	299
33	338	318	318	318	290
34	328	309	309	309	281
35	318	300	300	300	273
36	310	292	292	292	265
37	301	284	284	284	258
38	293	277	277	277	251

CUTTING PARAMETERS 切削参数

1.RECOMMENDED FEED RATE OF CARBIDE TIPPED S-TYPE RAIL CUTTER

1.硬质合金钢轨钻 S型进给量推荐表

钢轨类型 RAIL STEEL TYPE	切削速度 Vc m/min CUTTING SPEED	进给量 FEED (mm/r)	冷却方式 COOLING METHOD	冷却流量 ML/MIN
U74	40	0.08-0.12	5%乳化液内冷却 5% coolant fluid internal cooling 微量油雾冷却 micro oil mist cooling method	≥300
U71Mn	38	0.08-0.12		
PD2	38	0.08-0.12		
PD3(U75V)	38	0.08-0.12		
BNbRE	35	0.08-0.12		

1.RECOMMENDED FEED RATE OF HSS SOLID RAIL CUTTER

1.高速钢实心钢轨钻进给量推荐表

钢轨类型 RAIL STEEL TYPE	切削速度 Vc m/min CUTTING SPEED	进给量 FEED (mm/r)	冷却方式 COOLING METHOD	冷却流量 ML/MIN
U74	15	0.12-0.18	5%乳化液内冷却 5% coolant fluid internal cooling	≥300
U71Mn	13	0.1-0.15		
PD2	13	0.1-0.15		
PD3(U75V)	13	0.1-0.15		
BNbRE	12	0.08-0.12		

2.RECOMMENDED CUTTING ROTATION SPEED OF CARBIDE TIPPED S-TYPE RAIL CUTTER

2.硬质合金钢轨钻 S型切削转速推荐表

直径 DIAMETER	U74	U71MN	PD2	PD3 (U75V)	BNBRE
18	708	672	672	672	619
19	670	637	637	637	587
20	637	605	605	605	557
21	607	576	576	576	531
22	579	550	550	550	507
23	554	526	526	526	485
24	531	504	504	504	464
25	510	484	484	484	446
26	490	465	465	465	429
27	472	448	448	448	413
28	455	432	432	432	398
29	439	417	417	417	384
30	425	403	403	403	372
31	411	390	390	390	360
32	398	378	378	378	348
33	386	367	367	367	338
34	375	356	356	356	328
35	364	346	346	346	318
36	354	336	336	336	310
37	344	327	327	327	301
38	335	318	318	318	293

2.RECOMMENDED CUTTING ROTATION SPEED OF HSS SOLID RAIL CUTTER

2.高速钢实心钢轨钻切削转速推荐表

直径 DIAMETER	U74	U71MN	PD2	PD3 (U75V)	BNBRE
6	796	690	690	690	637
8	597	518	518	518	478
9.5	503	436	436	436	402
9.8	487	422	422	422	390
10	478	414	414	414	382
11	434	376	376	376	347
12	398	345	345	345	318
13	367	318	318	318	294
13.5	354	307	307	307	283
14	341	296	296	296	273
15	318	276	276	276	255
16	299	259	259	259	239
17	281	244	244	244	225
18	265	230	230	230	212
19	251	218	218	218	201
19.5	245	212	212	212	196
20	239	207	207	207	191
21	227	197	197	197	182
22	217	188	188	188	174
23	208	180	180	180	166
24	199	173	173	173	159

