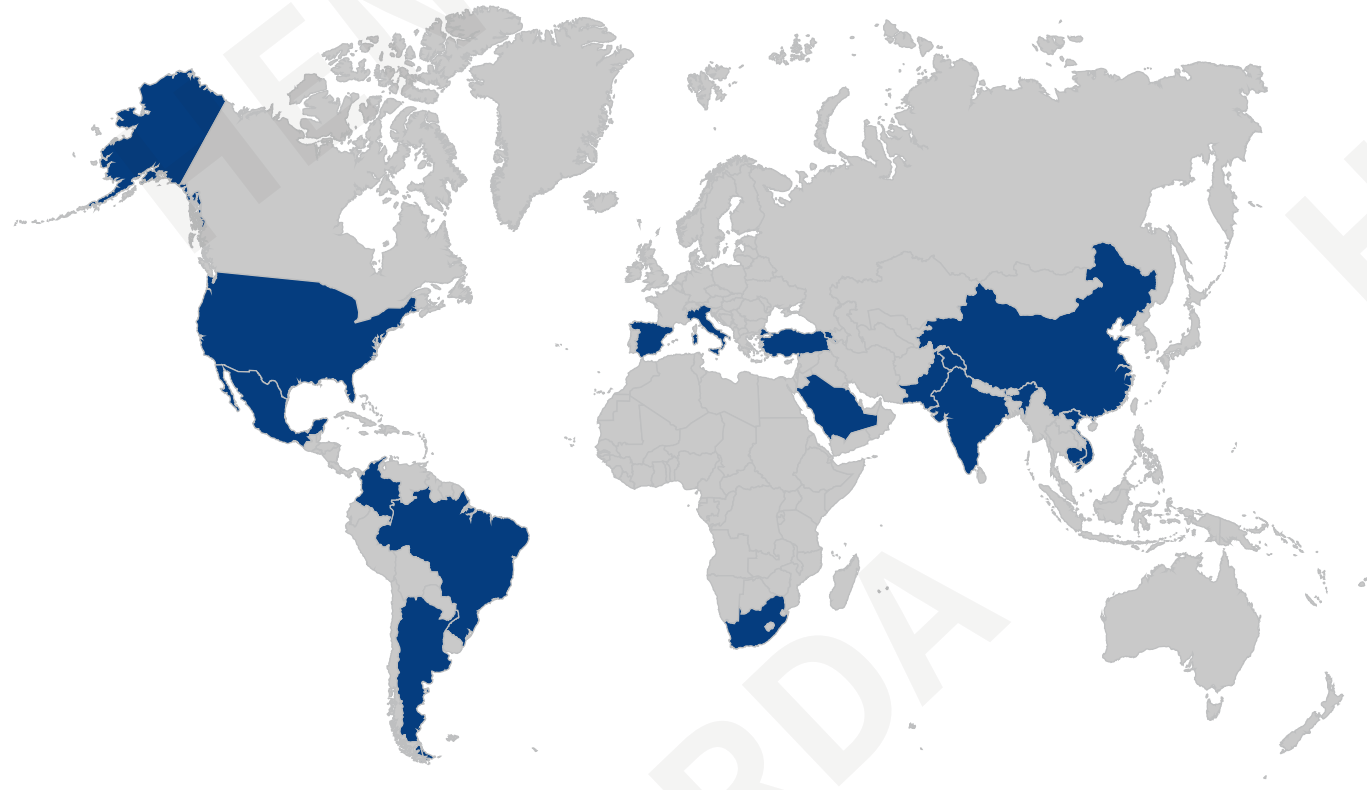


V1.1



STEEL RULES

模切刀

国内销售联系方式 DOMESTIC SALES

👤 Contact: 李女士
☎ Tel: 0594 2990666
📠 Fax: 0594 2997566
✉ E-mail: sr@hengerda.com



国际销售联系方式 INTERNATIONAL SALES

👤 Contact: Jane Wu
☎ Tel: +86 594 2999566
📠 Fax: +86 594 2997566
✉ E-mail: intl.trade@hengerda.com



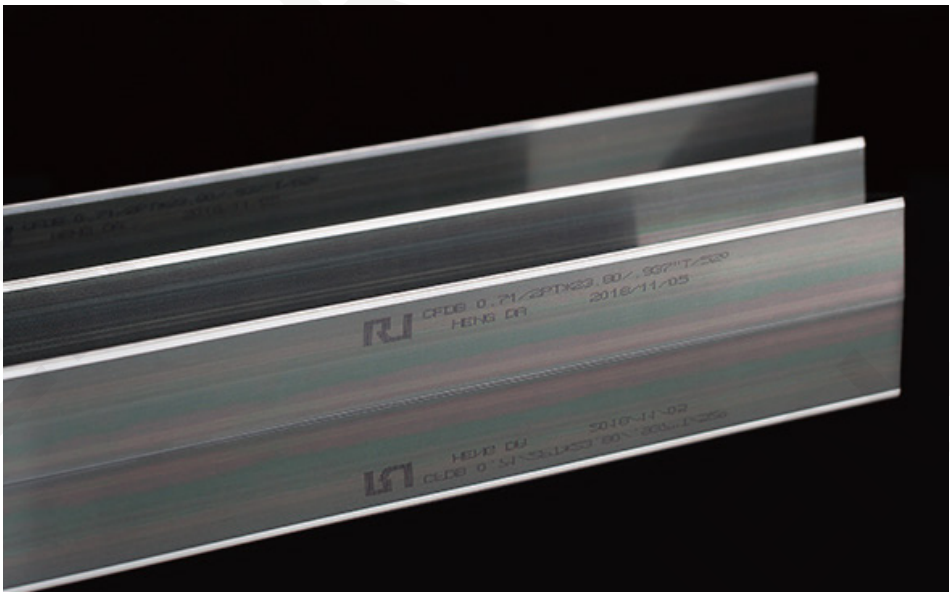
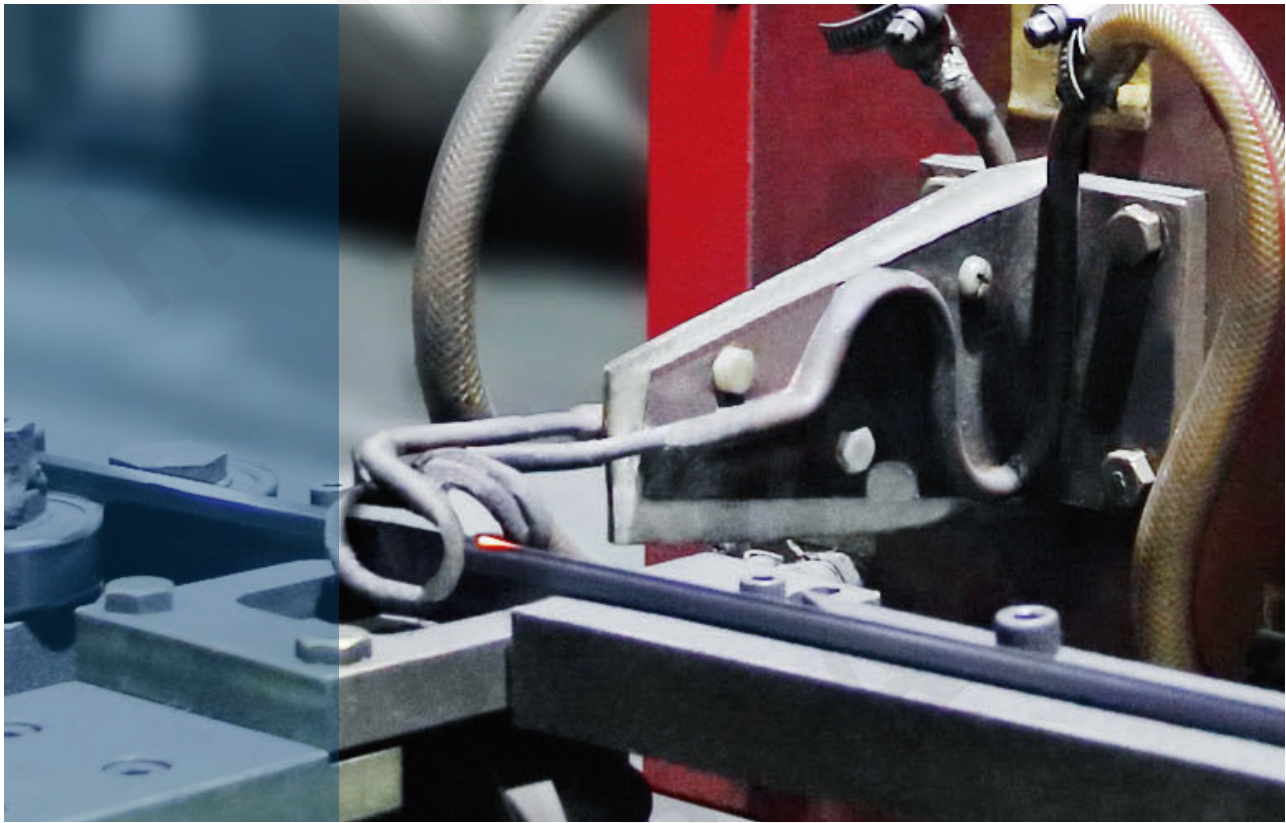
📍 Add: 福建省莆田市荔城区新度镇新度村亭道尾228号
No.228 Tingdaowei Street, Xindu Village, Xindu Town, Licheng District, Putian City, Fujian, China



福建恒而达新材料股份有限公司
HENGERDA NEW MATERIALS (FUJIAN) CO., LTD.

PRODUCT INTRODUCTION

产品介绍

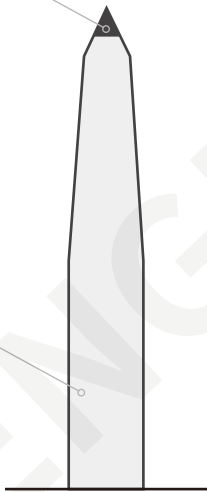


采用质地均匀、耐久性高的钢材,运用拉削及磨口的加工方式,刀锋经淬火处理后更加锋利。刀身与刀锋的硬度组合适当、规格精准,满足产品使用的高性能要求,提供更长久的模切寿命。我司亦可根据客户要求,在保持产品高韧性的同时,提升刀身硬度至45HRC。

Steel rules utilize materials with superior quality. The edge sharpness of shaved and ground bevels got enhanced by high-frequency quenching. The proper combination of edge and body hardness ensures high performance and longer lifetime of products. Hengda can also increase body hardness to 45HRC while maintaining high toughness of the product according to customer requirements.

刀尖硬度等级
HARDNESS OF EDGE

刀身硬度等级
HARDNESS OF BODY



刀尖硬度等级
HARDNESS OF EDGE

56-60HRC

刀身硬度等级
HARDNESS OF BODY

33-35HRC
36-38HRC
39-41HRC
42-45HRC

PRODUCT SPECIFICATIONS
& TECHNICAL INFO

模切刀主要规格、技术参数及用途



模切刀产品为可定制产品，客户均可根据自身需求，在下表参数内定制所需的产品。
Hengda can provide customized products according to customer's requirements.

高峰刀

CFDB - Center Face, Double Bevel

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)
高度 Height	15.9mm—80.0mm		
刀体硬度 Body hardness	HRC 33—35	HRC 36—38	HRC 39—41 HRC 42—45
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)		
刀锋类型 Bevel type	CFDB(白口/黑口) (white/black edge)		
加工形式 Bevel finish	拉口刀 shaved	磨口刀 ground	直纹刀 fine ground
刀锋角度 Edge angle	42° / 52°/62°		
刀体颜色 Body color	蓝黑色/黄色/白色 black / gold / white		
用途 Applications	适用于覆膜纸、贴纸、厚纸板、瓦楞纸、卡纸、衬垫、吊牌、PVC材料、电子材料、PET、吸塑、防尘网、泡棉、皮革、金属膜、橡胶、无纺布、拼图、公仔、包装盒等 plastic laminated paper, stickers, paperboards, corrugated boards, gaskets, PVC materials, electronics, rubber, puzzles, plastics (PET, vacuumm formed), leather, cigarette packs, etc.		



CFDB

低峰刀 ①

CB - Center Bevel

厚度 Thickness	0.71mm (2pt)		1.05mm(3pt)		1.42mm(4pt)	
高度 Height	15.9mm—50.0mm					
刀体硬度 Body hardness	HRC 33—35		HRC 36—38		HRC 39—41	
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)					
刀锋类型 Bevel type	CB					
加工形式 Bevel finish	拉口刀 shaved			磨口刀 ground		
刀锋角度 Edge angle	30°/42°/ 52°					
刀体颜色 Body color	蓝黑色/黄色/白色 black / gold / white					
用途 Applications	适用于模切450g/m ² 以下的卡纸或一些厚度小于0.5mm的材料 packing materials thickness smaller than 0.5mm.					


CB

低峰刀②(不干胶刀)

Label Rule

厚度 Thickness	0.45mm (1.3pt)		0.53mm(1.5pt)	
高度 Height	7.0mm—12.0mm			
刀体硬度 Body hardness	HRC 33—35	HRC 36—38	HRC 39—41	HRC 42—45
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)			
刀锋类型 Bevel type	CB(白口/黑口) (white/black edge)			
加工形式 Bevel finish	拉口刀 shaved		磨口刀 ground	
刀锋角度 Edge angle	42°/52°			
刀体颜色 Body color	蓝黑色/黄色/白色 black / gold / white			
用途 Applications	适用于胶类贴纸、商标纸及塑料薄片等 labels, plastic sheets, etc.			


CB

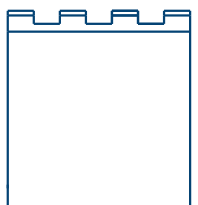
单边高峰刀
SFDB - Side Face, Double Bevel

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 SFDB	
高度 Height	22.8mm—80.0mm				
刀体硬度 Body hardness	HRC 33—35	HRC 36—38	HRC 39—41		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
刀锋类型 Bevel type	SFDB				
加工形式 Bevel finish	拉口刀 shaved		磨口刀 ground		
刀锋角度 Edge angle	52°				
刀体颜色 Body color	蓝黑色/黄色/白色 black / gold / white				
用途 Applications	适用于模切有垂直切断面要求的产品, 常用于较薄、较长板的文具、玩具、卡牌等 thin and continuous stationery, toys, boards, suitable for cutting materials where straight/vertical cut is required.				

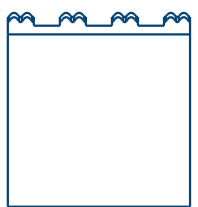
单边低峰刀
SB - Side Bevel

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 SB	
高度 Height	22.8mm—80.0mm				
刀体硬度 Body hardness	HRC 33—35	HRC 36—38	HRC 39—41		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
刀锋类型 Bevel type	SB				
加工形式 Bevel finish	拉口刀 shaved		磨口刀 ground		
刀锋角度 Edge angle	42°/ 52°				
刀体颜色 Body color	蓝黑色/黄色/白色 black / gold / white				
用途 Applications	适用于模切有垂直切断面要求的产品, 常用于文具、玩具、卡牌等 stationery, toys, boards, suitable for cutting materials where straight/vertical cut is required.				

方齿刀
PR - Perforating Rule

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 PR	
高度 Height	22.0mm—100.0mm				
齿空比 Spacing (tooth/gap)	0.24×0.6 0.8×0.8 0.8×3.2 1.1×1.1 1×1.5 1.5×1.5 1.5×2 2×2 3×3 4×4 5×5 5×8 6×6 8×8 10×10 12x12				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
刀锋类型 Bevel type	CFDB				
刀锋角度 Edge angle	52°				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于卡纸、连续报表纸、瓦楞纸打孔、标签开口、票据等 cardboards, continuous stationery, corrugated boards, tear-off labels, etc.				

方齿优力刀
PE

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 PE	
高度 Height	22.0mm—100.0mm				
齿空比 Spacing (tooth/gap)	3×3 5×5 5×8 6×6 8×8 10×5 10×10 12×12				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
齿形 Tooth shape	圆齿圆底 round teeth, round gullets				
刀锋角度 Edge angle	52°				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于卡纸、瓦楞纸打孔、编织袋缝线等 cardboards, corrugated board, woven bag thread, etc.				

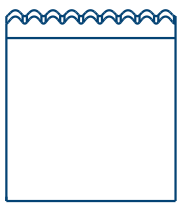
尖齿刀
TR - Pointed Teeth/ Angular Gullets

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 TR	
高度 Height	22.0mm—100.0mm				
齿数 Tooth number	6/8/10/12T/inch				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
齿形 Tooth shape	尖齿尖底 pointed teeth, angular gullets				
刀锋角度 Edge angle	52°				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于较厚的瓦楞纸板, 尤其回收纸板大批量模切等 thicker corrugated boards, heavy load cutting, etc.				

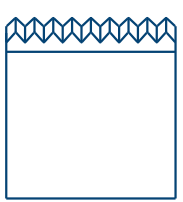
箭头刀
AR - Sharp Pointed Teeth / Round Gullets

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 AR	
高度 Height	22.0mm—100.0mm				
齿数 Tooth number	6/8/10/12T/inch				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
齿形 Tooth shape	尖齿圆底 sharp pointed teeth, round gullets				
刀锋角度 Edge angle	52°				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于模切加工厚重瓦楞纸需要撕裂、折线的产品等 tear-off and folding of heavy load corrugated boards, etc.				

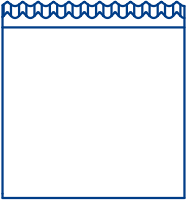
优力刀
ER - Round Teeth / Round Gullets

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 ER	
高度 Height	22.0mm—100.0mm				
齿数 Tooth number	6/8/10/12T/inch				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
齿形 Tooth shape	圆齿圆底 round teeth, round gullets				
刀锋角度 Edge angle	52°				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于较薄瓦楞纸板且切口平整的大批模切等产品 thinner corrugated boards where smooth cut surfaces needed.				

KK尖齿刀
KT

厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 KT	
高度 Height	22.0mm—100.0mm				
齿数 Tooth number	6/8/10/12T/inch				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
齿形 Tooth shape	单边尖齿尖底 side face, pointed teeth, angular gullets				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于模切有垂直切断面要求的瓦楞纸板, 常用做头刀尾刀 corrugated boards where vertical/straight cuts needed.				

KK箭头刀
KA

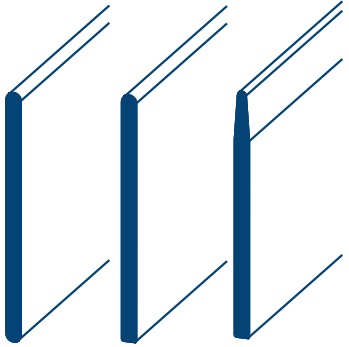
厚度 Thickness	0.71mm (2pt)	1.05mm(3pt)	1.42mm(4pt)	 KA	
高度 Height	22.0mm—100.0mm				
齿数 Tooth number	6/8/10/12T/inch				
刀体硬度 Body hardness	HRC 30—32	HRC 33—35	HRC 36—38		
刀尖硬度 Edge hardness	HV 620-700(HRC 56-60)				
齿形 Tooth shape	单边尖齿圆底 side face, pointed teeth, round gullets				
刀背类型 Back execution	无节直刀(SNN) / 有节直刀(SN) / 有节弧刀(CN)				
包装长度 Packaging	长度20m/25m/30m/50m/70m/100m, 直径180-800mm length 20m/25m/30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于各种较厚且有垂直切断面要求的瓦楞纸板, 常用做头刀尾刀 thicker corrugated boards where vertical/straight cuts needed.				

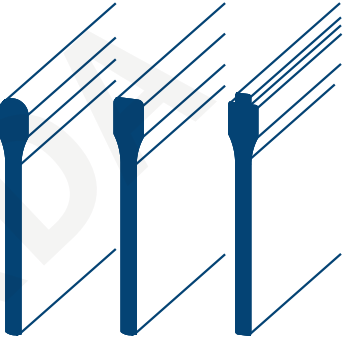
KK优力刀
KE

PRODUCT SPECIFICATIONS & TECHNICAL INFO
压痕线主要规格、技术参数及用途

压痕线产品为可定制产品, 客户均可根据自身需求, 在下表参数内定制所需的产品。
Hengda can provide customized products according to customer's requirements.

压痕线
CREASING RULES

名称 Profile	双圆头 (DR)	单圆头 (SR)	尖头 (NT)	 DR SR NT	
厚度 Thickness	0.71mm(2pt)/1.05mm(3pt)/1.42mm(4pt)				
高度 Height	20.0mm—26.0mm				
刀体硬度 Body hardness	HRC 20—25	HRC 37—40	HRC 41—45		
刀背类型 Back execution	无节直刀(SNN) / 有节直刀 (SN) / 有节弧刀 (CN)				
包装长度 Packaging	长度30m/50m/70m/100m, 直径180-800mm length 30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	DR/SR: 适用于纸盒、纸箱压痕 DR/SR: paper box and carton creasing NT: 适用于较复杂的刀模或压痕较细的需求 NT: tighter, smaller creases				

名称 Profile	大头 (RT)	大平头 (FRT)	十字线 (PT)	 RT FRT PT	
厚度 Thickness	1.42mm/2.84mm(4pt/8pt)				
高度 Height	20.0mm—24.4mm				
刀体硬度 Body hardness	HRC 28—30	HRC 33—35	HRC 36—38		
刀背类型 Back execution	无节直刀(SNN) / 有节直刀 (SN) / 有节弧刀 (CN)				
包装长度 Packaging	长度30m/50m/70m/100m, 直径180-800mm length 30m/50m/70m/100m, diameter 180-800mm or on request				
用途 Applications	适用于较宽压痕需求或厚纸板压痕 wider creases, cardboards				

刀背类型
BACK EXECUTIONS

 无节直刀 Straight, no notches(SNN)	 有节直刀 Straight, with notches(SN)	 有节弧刀 Curved, with notches(CN)
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TOLERANCES & BENDABILITY

公差标准与弯曲性能

产品公差

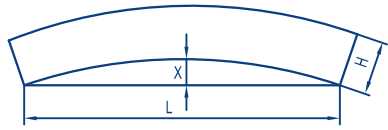
PRODUCT TOLERANCE

高度<35mm Height <35mm	±0.04mm
高度≥35mm Height ≥35mm	±0.04mm
直线度 Straightness	±0.5mm/1m 长度方向 rule length L
瓦形 Flatness	≤1.0‰ 高度方向 rule height H
开卷度 Cross camber	支装: ±5mm/1m 长度方向 rule length L 卷装: ±10mm/1m 长度方向 rule length L
扭曲度 Twist	±0.5mm/1m 长度方向 rule length L

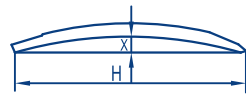
厚度公差

THICKNESS TOLERANCE

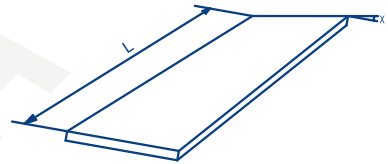
厚度 Thickness		公差(mm) Tolerance
mm	pt	
0.45	1.3	±0.020
0.53	1.5	±0.020
0.71	2	±0.020
1.05	3	±0.020
1.42	4	±0.028



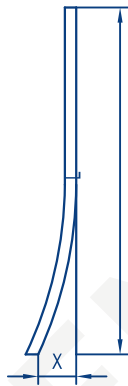
直线度
Straightness



瓦形
Flatness



扭曲度
Twist

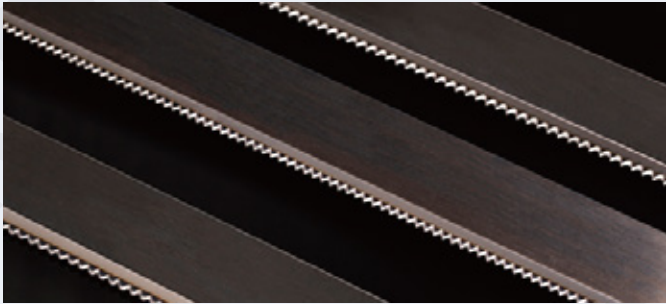


开卷度
Cross camber

弯曲性能

BENDABILITY

厚度 Thickness	R角半径 Radius	HRC 33-35	HRC 36-38	HRC 39-41	HRC 42-45
0.45mm(1.3pt)	0.35	30	30	45	60
0.53mm(1.5pt)		30	30	45	60
0.71mm(2pt)		30	45	60	75
1.05mm(3pt)	0.50	40	50	-	-
1.42mm(4pt)		50	50	-	-



PRODUCT PACKAGE

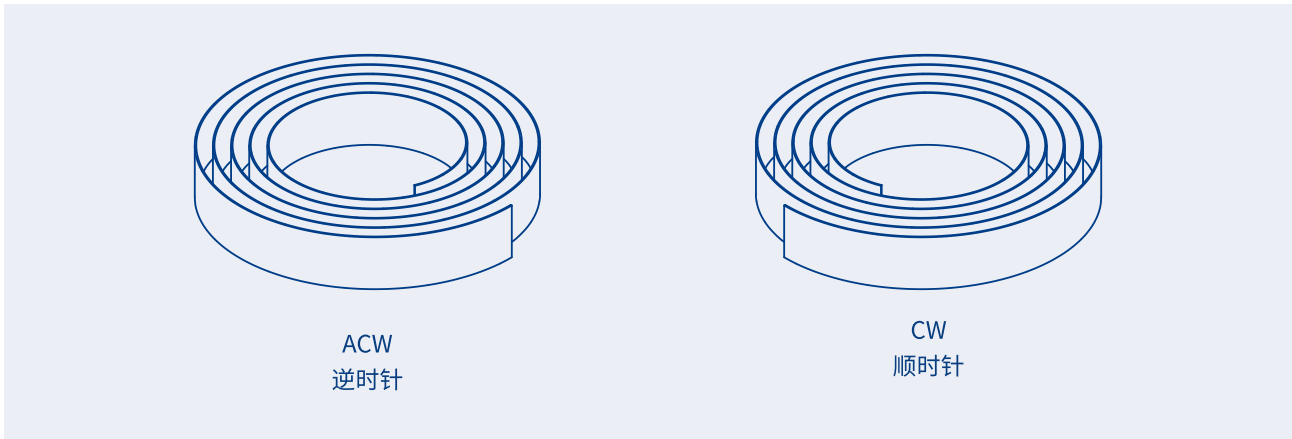
产品包装

包装标准

PACKAGING

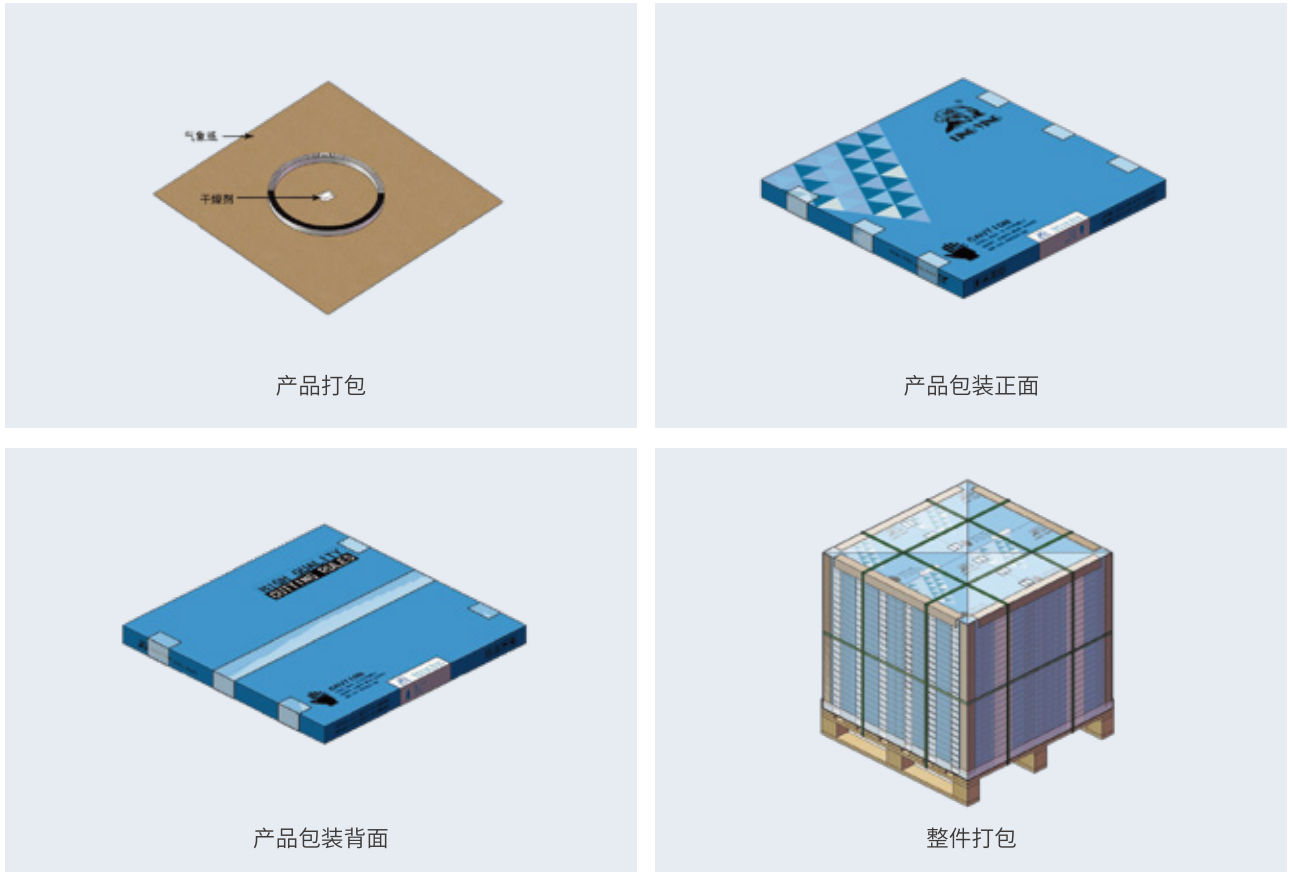
厚度(pt) Thickness	1.3		1.5		2		3		4	
高度(mm) Height	卷装 Coils	支装 Lengths	卷装 Coils	支装 Lengths	卷装 Coils	支装 Lengths	卷装 Coils	支装 Lengths	卷装 Coils	支装 Lengths
≤23.80	150 m	150 m	120 m	120 m	100 m	100 m	70 m	70 m	50 m	50 m
30.00	-	-	-	-	100 m	100 m	70 m	70 m	50 m	50 m
31.75	-	-	-	-	100 m	100 m	70 m	70 m	50 m	50 m
32.00	-	-	-	-	100 m	100 m	70 m	70 m	50 m	50 m
35.00	-	-	-	-	70 m	70 m	50 m	50 m	50 m	50 m
36.00	-	-	-	-	70 m	70 m	50 m	50 m	50 m	50 m
40.00	-	-	-	-	50 m	50 m	50 m	50 m	50 m	50 m
50.00	-	-	-	-	50 m	50 m	50 m	50 m	50 m	50 m
60.00	-	-	-	-	50 m	50 m	30 m	30 m	30 m	30 m
70.00	-	-	-	-	50 m	50 m	30 m	30 m	30 m	30 m
80.00	-	-	-	-	50 m	50 m	30 m	30 m	25 m	25 m
100.00	-	-	-	-	50 m	50 m	30 m	30 m	25 m	25 m

卷装有逆时针和顺时针两种
Coils are available in clockwise and anti-clockwise direction.



包装展示

PACKAGE



ISO体系认证

ISO CERTIFICATION



我司通过ISO9001:2015质量管理体系认证、ISO14001:2015环境管理体系认证、ISO 9001:2015 质量管理体系。
Obtained ISO9001:2015 Quality Management System Certification
Obtained ISO14001:2015 Environmental Management System Certification
ISO 9001:2015 Quality management systems-Requirement