



浙江至广精密工具有限公司

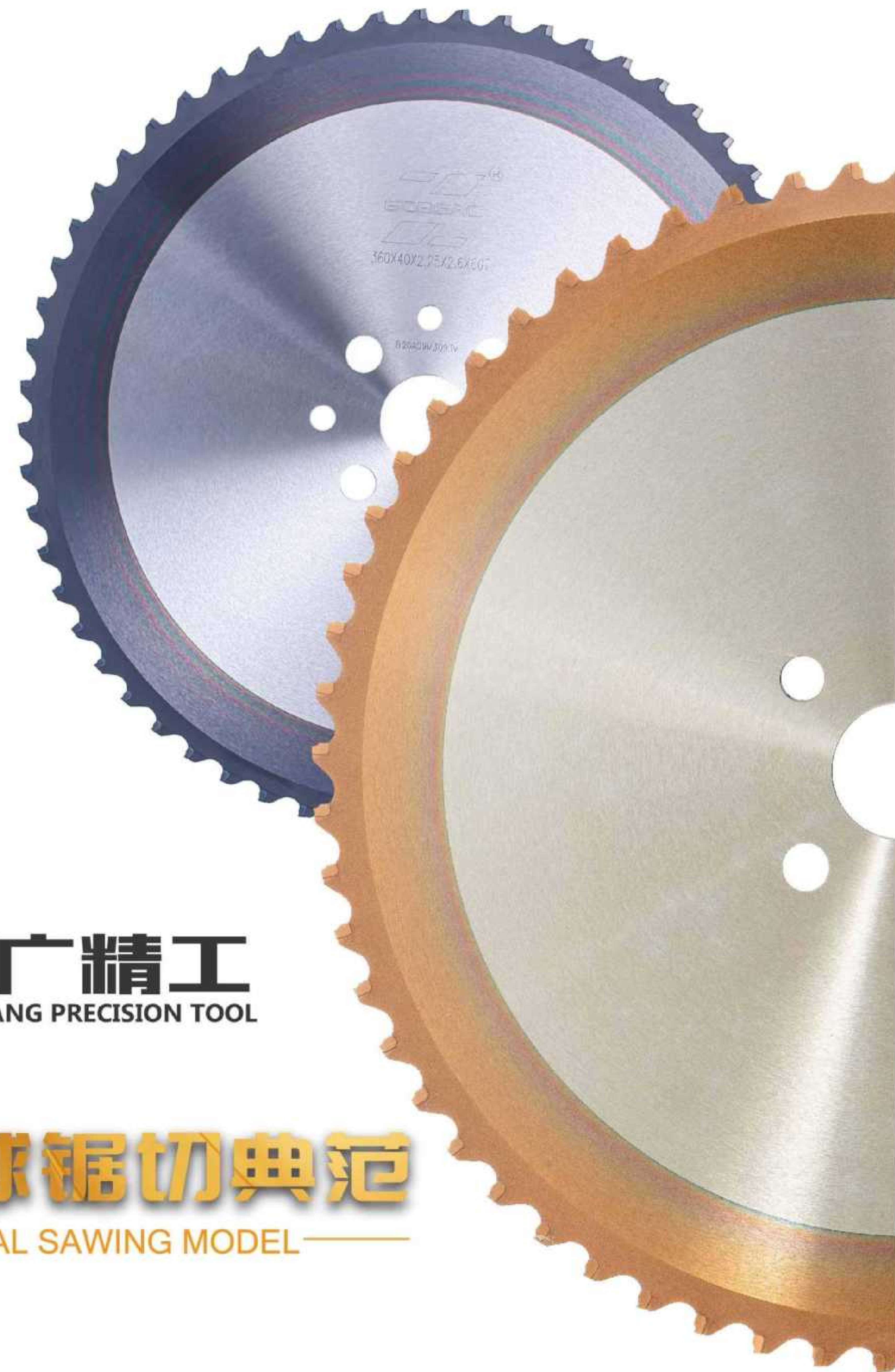
ZHEJIANG ZHIGUANG PRECISION TOOLS CO.,LTD

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铸造全球锯切典范

— FOUND GLOBAL SAWING MODEL —





ONLY FOCUS ON TOP LEVEL



浙江至广精密工具有限公司

从事高端锯片研发、生产及销售的专业公司

浙江至广精密工具有限公司是一家从事高端锯片研发、生产及销售的专业公司,公司拥有各类先进设备600余台,员工200余人,占地面积两万平方米,年生产金属切削锯片达50万片以上,拥有50几项发明实用新型专利。采用最尖端的生产技术,严格的品质管理标准,确保了产品市场上的领先地位。致力于为汽车零配件、管件制造、工程机械、家居建材等行业提供安全、可靠、耐用的产品,产品销往中国32个省、市、自治区以及远销海外60多个国家和地区。

Zhejiang Zhiguang Precision Tools Co.,Ltd is a professional company engaged in the development ,manufacturing and sales of high end metal cold saw. Our company has more than 600 Advanced equipments and more than 200 staffs,covering the area over 20,000 square meters. The production of metal cutting blades are more than 500,000 pieces,owning invention and utility patents more than 50. Adopt the most cutting-edge production technology and strict quality management standards,ensure the products leading position in the market. Dedicated to providing safe,reliable and durable products for the field of automotive parts,tube manufacturing, engineering machine,furniture and building materials and so on.The products are sold to 32 Chinese provinces,cities, autonomous regions and over 60 countries and regions overseas.



原材料检测车间 Raw Material Testing Workshop



质量检测车间 Quality Control Workshop



产品研发实验室 Product Development Laboratory



TO CREAT A CENTRURY PROFESSIONAL ENTERPRISE ON CUTTING TOOL

表面较平车间 Surface Leveling Workshop



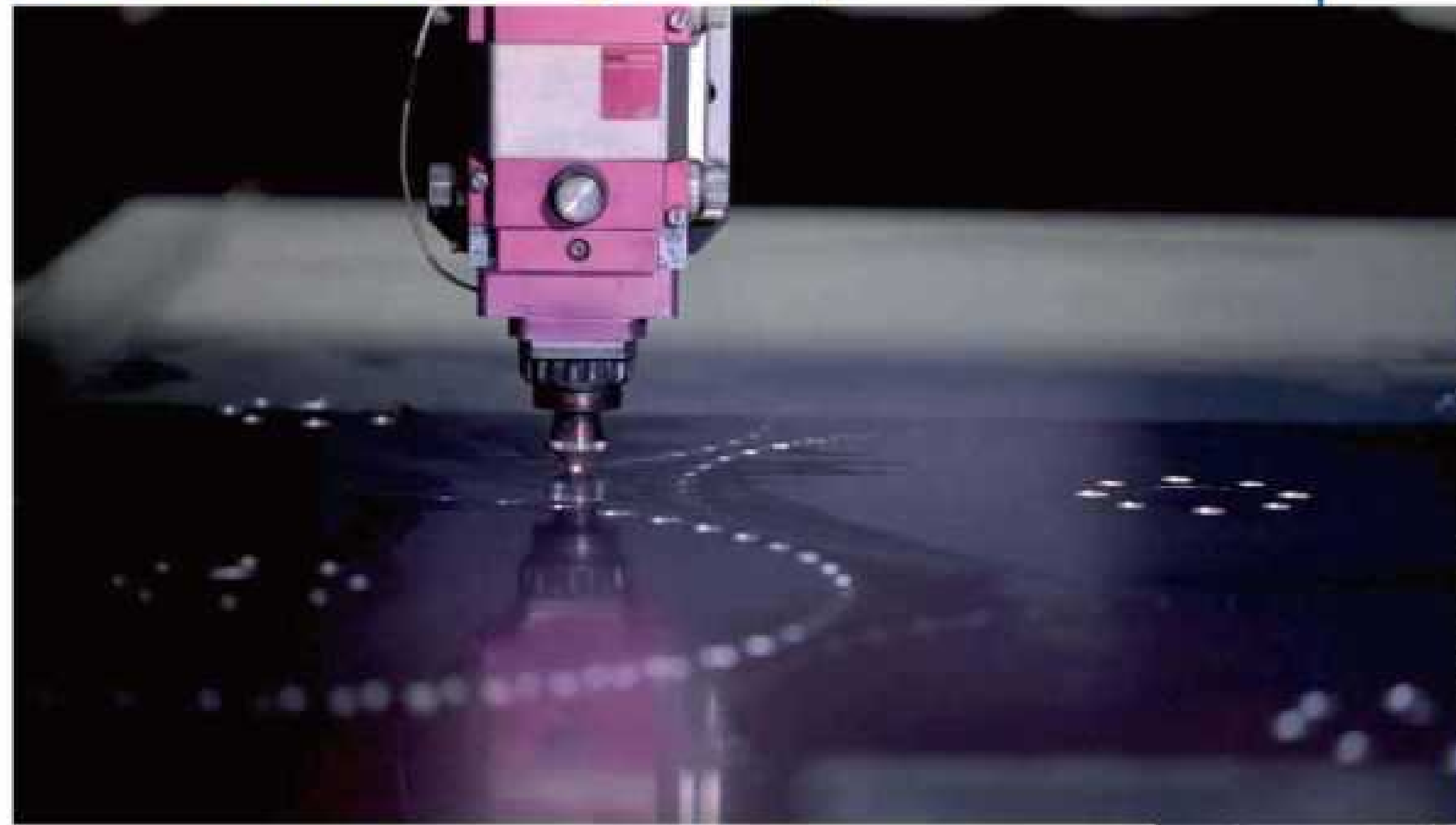
Coating Workshop 涂层车间



锯齿焊接车间 Sawtooth Welding Workshop



激光切割车间 Laser Cutting Workshop



刃磨车间 Sawtooth Grinding Workshop



金属陶瓷冷锯

Cermet Metal Cutting Circular Saw

应用于切割中低碳钢
For cutting mild and low carbon steel bar



涂层金属陶瓷冷锯

Coated Cermet Metal Cutting Circular Saw

应用于切割中高碳钢, 拥有更高的寿命
For cutting mild and high carbon steel bar, Longer service life



TCT涂层冷锯

Tungsten Carbide Coated Cold Saw

主要用于切割不锈钢
For cutting stainless steel bar

C+系列管件切割飞锯

C+ Series Tube Cutting Flying Saw

无内刮焊筋管材在线锯切
For cutting steel tubes without inner scarfing



Q+系列管件切割飞锯

Q+ Series Tube Cutting Flying Saw

有大的内刮焊筋管材在线锯切
For cutting steel tubes with inner scarfing



在线管件旋转切铣切锯

Steel Tube Cutting Orbital Saw

管材在线轨道型切割
Steel tube orbital cut on line



CX系列线下切管锯

CX Series Offline Tube Cutting Saw

主要用于线下切割管件
For Offline cutting of steel tubes





打造专注切割工具的百年企业



线上高速钢圆锯片
HSS Circular Saw Blades On Line



线下高速钢圆锯片
HSS Circular Saw Blades Off Line



合金锯片
Tungsten Carbide Tips Saw Blades For Aluminum And Wood



PCD锯片
PCD Diamond Tips Saw Blades For Aluminum And Wood

ONLY FOCUS ON TOP LEVEL



金属陶瓷冷锯

产品特点:中低碳钢切割,超长寿命,精度高
应用参数:V=100-130m/min
Sz=0.05-0.1mm
切割寿命:45#钢约40平方米

Cermet Metal Cutting Circular Saw

Features:Cutting medium and low carbon steel, long life, perfect precision.
Application parameters:
V=100-130m/min
Sz=0.05-0.1mm



金属陶瓷涂层冷锯

产品特点:中高碳钢切割,超长寿命
应用参数:V=90-130m/min
Sz=0.05-0.1mm
切割寿命:Gr15约30m²
55#钢约50平方米

Coated Cermet Metal Cutting Circular Saw

Features:Cutting medium to high carbon steel, long life
Application parameters:
V=90-130m/min
Sz=0.05-0.1mm
Cutting life:
Gr15 about 30 m²
55# steel about 50 m²



外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
250/285	2.0	1.7	32	54/60/72/80/100/120
300	2.0	1.7	32	50/54/60/72/80/100/120
315	2.25	2.0	32	54/60/72/80/100/120
330	2.25	2.0	32	60/72/80/100/120
360	2.6	2.25	40	40/50/60/72/80/100/120/140
380	2.6	2.25	40	40/50/54/60/72/80/100/120
400	2.6	2.25	50	50/60/72/80/100
425	2.7	2.25	50	50/60/72/80/100/120
460	2.7	2.25	50	40/50/54/60/72/80/100/120
485	2.7	2.25	50	40/50/60/72/80/100/120
520	2.7	2.25	50	48/54/60/80/100/120/140
630	3.4	2.7	80	50/60/72/80/100/120
750	3.8	3.0	80	50/60/70/80/100
840	4.0	3.2	80	40/50/60/80/100/120

TCT涂层冷锯

产品特点: 不锈钢(201.304.316)
应用参数: V=50-70mm/min
Sz=0.035-0.05mm
寿命: 304材质约20m²

Tungsten Carbide Coated Cold Saw
Features: Cutting 201.301.316 stainless steel
Application parameters:
V=50-70m/min
Sz=0.035-0.05mm
Service life: 304 stainless steel about 20 m²



外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
250/285	2.0	1.7	32	54/60/72/80/100/120
300	2.0	1.7	32	50/54/60/72/80/100/120
315	2.25	2.0	32	54/60/72/80/100/120
330	2.25	2.0	32	60/72/80/100/120
360	2.6	2.25	40	40/50/60/72/80/100/120/140
380	2.6	2.25	40	40/50/54/60/72/80/100/120
400	2.6	2.25	50	50/60/72/80/100
425	2.7	2.25	50	50/60/72/80/100/120
460	2.7	2.25	50	40/50/54/60/72/80/100/120
485	2.7	2.25	50	40/50/60/72/80/100/120
520	2.7	2.25	50	48/54/60/80/100/120/140
630	3.4	2.7	80	50/60/72/80/100/120
750	3.8	3.0	80	50/60/70/80/100
840	4.0	3.2	80	40/50/60/80/100/120

C+系列管件切割飞锯

特点: 线上不刮内焊筋管材切割, 切割表面光滑
应用参数V=300-350m/min
Sz=0.05-0.12mm

C+ Series Tube Cutting Flying Saw
Specificities: For cutting steel tube without scarfing on line
Application parameters
V=300-350m/min
SZ=0.05-0.12mm



Q+系列管件切割飞锯

Features: 线上刮内焊筋管材切割 抗冲好
应用参数V=300-350m/min
Sz=0.05-0.12mm

Q+ Series Tube Cutting Flying Saw
Features: For cutting steel tube with inner scarfing on line
Application parameters
V=300-350m/min
SZ=0.05-0.12mm



外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
350	3.2	2.7	50	100/110/120/140
400	3.2	2.7	50	110/120/130/140
450	3.6	3.2	50	120/130/140/160
500	3.6	3.2	50	120/130/140/160
560	3.6	3.2	50	120/140/160/170
600	3.6	3.2	50	120/140/170/180
630	3.6	3.2	50	120/140/160/180/200
650	3.6	3.2	50	120/140/160/180/200

K+系列在线管件旋转切铣切锯

特点:管材在线轨道型锯切
应用参数V=300-380m/min
Sz=0.08-0.15mm
寿命:5-8m²

K+Steel Tube Cutting Orbital Saw

Features:Steel tube orbital cut-off on line
Application parameters
V=300-380m/min
Sz=0.08-0.15mm
Service life: 5-8m²



外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
250	3.2	2.5	45/50	64/72/80
300	3.2	2.5	80	52/64/72
355	4.0	3.2	45/80	64/72/84
380/400	4.0	3.2	115	52/64/72

CX系列线下切管锯

特点:静态高速切割,使用寿命长
应用参数:V=300-350m/min
Sz=0.05-0.12mm

CX Series Offline Tube Cutting Saw

Specificities:Stationary cutting, long service life
Application parameters
V=300-350m/min
Sz=0.05-0.12mm

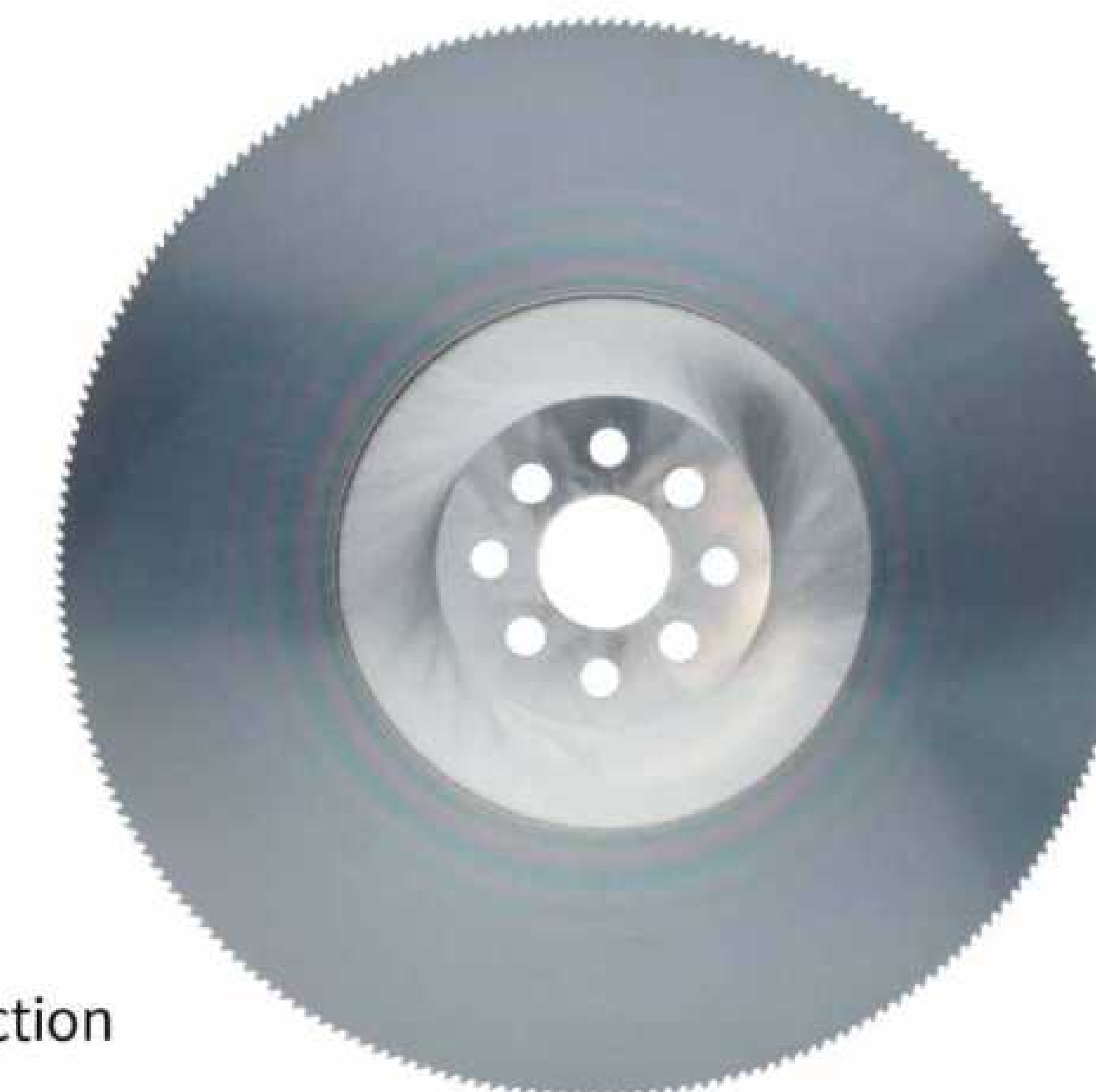


线上高速钢切割锯片

特点:超硬PVD复合涂层
耐高温,摩擦系数低
很长的使用寿命
48X2.5mm Q235材料 可切割10500次 切割面积4m²
建议参数:V=120-220m/min
Sz=0.02-0.05mm

HSS Circular Saw Blades On Line

Features:
Superhard PVD Composite Coating
High temperature resistance,low coefficient of friction
Very long service life
48X2.5mm Q235 material Can cut 10500 times Area 4m²
Application parameters
V=120-220m/min
Sz=0.02-0.05mm



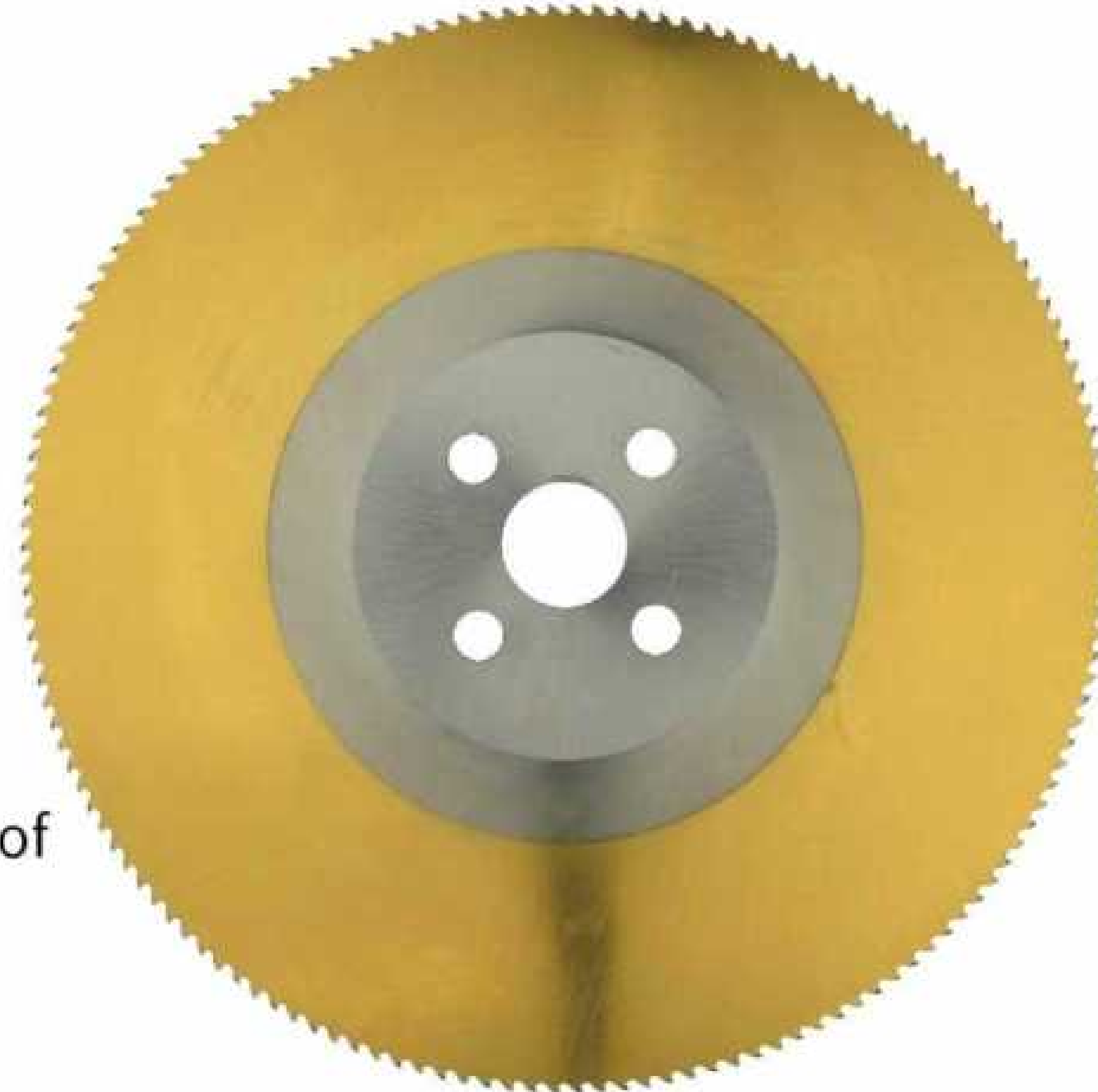
外径	刃宽	中心孔	齿数
Diameter	Kerf	Bore	Teeth
350	2.0	32/40/50	80/90/110/120/140/160/180/220/280/350
350	2.5	32/40/50	80/90/110/120/140/160/180/220/280/350
400	2.0	40/50	70/80/90/100/128/140/160/180/200/250/320
400	2.5	40/50	70/80/90/100/128/140/160/180/200/250/320
400	3.0	40/50	70/80/90/100/128/140/160/180/200/250/320
450	2.5	40/50	80/90/100/120/140/180/240/280
450	3.0	40/50	80/90/100/120/140/180/240/280
500	3.0	40/50	90/100/110/130/160/200/260/310
500	3.5	40/50	90/100/110/130/160/200/260/310
550	3.5	50/80	100/110/130/150/180/220/300/360
550	4.0	50/80	100/110/130/150/180/220/300/360
560	3.5	50/80	100/110/130/150/180/220/300/360
560	4.0	50/80	100/110/130/150/180/220/300/360
600	3.5	50/80	100/120/130/160/190/240/320/380
600	4.0	50/80	100/120/130/160/190/240/320/380

线下高速钢圆锯片

特点:超硬PVD复合涂层
 耐高温,摩擦系数低
 超精密加工工艺
 建议参数V=120-180m/min
 Sz=0.02-0.05mm

HSS Circular Saw Blades Off Line

Features:
 Super hard PVD Composite Coating
 High temperature resistance, low coefficient of friction
 Ultra-precision machining process
 Application parameters
 V=120-180m/min
 Sz=0.02-0.05mm



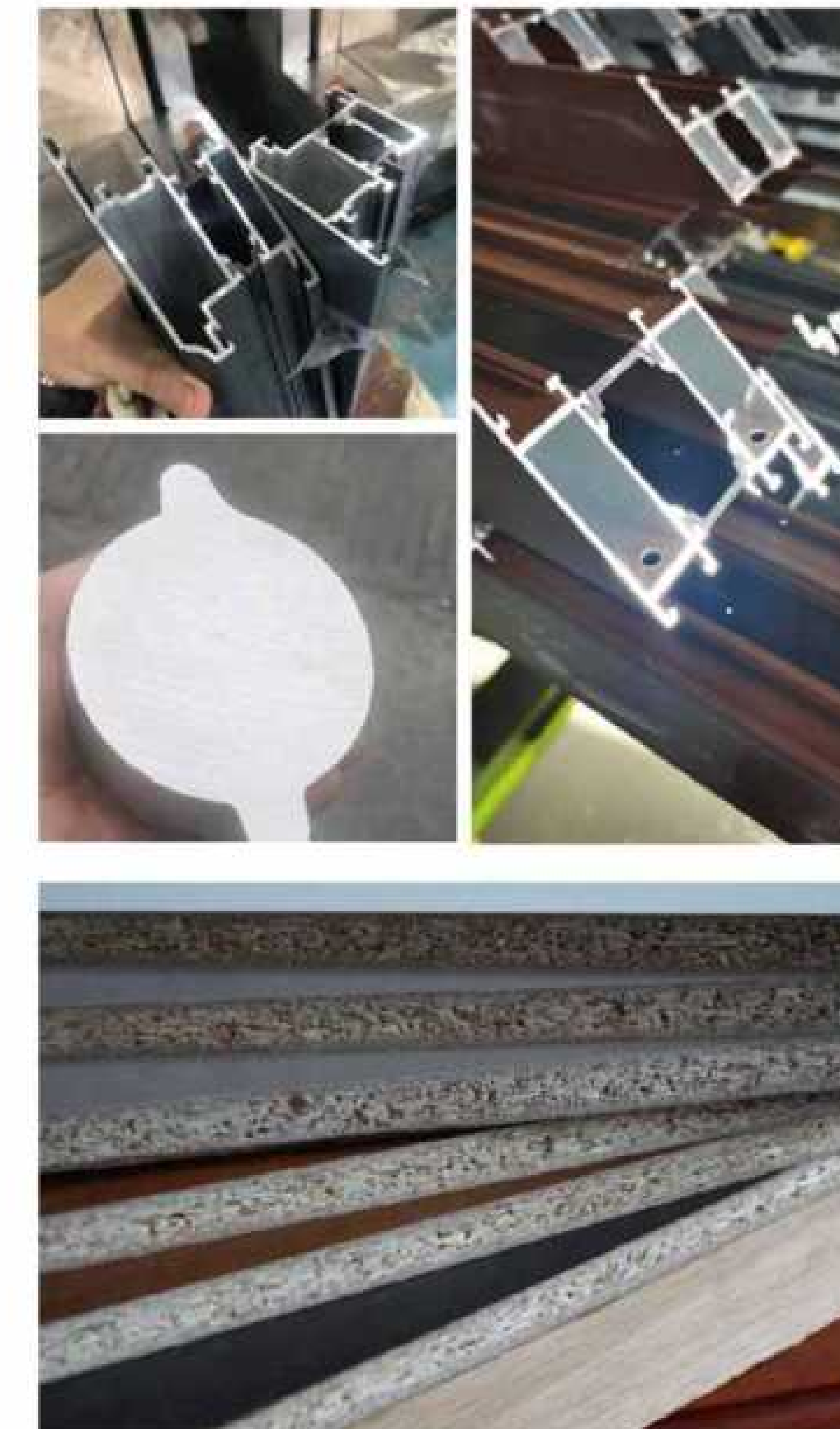
外径	刃宽	中心孔	齿数
Diameter	Kerf	Bore	Teeth
250	1.2	32/40	64/80/100/110/128/160/200/240
250	1.6	32/40	64/80/100/110/128/160/200/240
250	2.0	32/40	64/80/100/110/128/160/200/240
275	1.2	32/40	72/78/84/96/110/120/144/180/220/280
275	1.6	32/40	72/78/84/96/110/120/144/180/220/280
275	2.0	32/40	72/78/84/96/110/120/144/180/220/280
275	2.5	32/40	72/78/84/96/110/120/144/180/220/280
300	1.2	32/38/40	80/90/100/110/120/140/160/200/240/320
300	1.6	32/38/40	80/90/100/110/120/140/160/200/240/320
300	2.0	32/38/40	80/90/100/110/120/140/160/200/240/320
300	2.5	32/38/40	80/90/100/110/120/140/160/200/240/320
315	1.6	32/40	72/80/90/100/110/120/140/160/200/250/320
315	2.0	32/40	72/80/90/100/110/120/140/160/200/250/320
315	2.5	32/40	72/80/90/100/110/120/140/160/200/250/320
325	1.6	32/40	90/100/110/130/150/170/200/250/320
325	2.0	32/40	90/100/110/130/150/170/200/250/320
325	2.5	32/40	90/100/110/130/150/170/200/250/320
350	1.6	32/40/50	80/90/110/120/140/160/180/220/280/350
350	2.0	32/40/50	80/90/110/120/140/160/180/220/280/350
350	2.5	32/40/50	80/90/110/120/140/160/180/220/280/350

TCT合金圆锯片

木工、铝材精切圆锯片
 应用特点:切割精度高,表面光滑
 切割噪音低
 使用寿命长

Tungsten Carbide Tipped Circular Saw Blades For Cutting Wood And Aluminum

Features:
 Perfect cutting precision, smooth surface
 Low cutting noise
 long service life



木工TCT Wood TCT Specification

外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
200	3.0	2.2	25.4/30	24/36/48/60/80
255	3.0	2.2	25.4/30	24/36/48/60/80/100
300	3.2	2.2	30	28/36/48/60/72/80/96/100/120
350	3.5	2.5	30	28/36/48/60/72/80/96/100/120
350	4.0	3.2	60	72/84/96
350	4.4	3.2	60	72/84/96
380	4.4	3.2	60	72/84/96
400	4.4	3.2	60/75	72/84/96
450	4.8	3.5	60/75	72/84/96

铝材TCT Aluminum TCT Specification

外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
300	3.0	2.5	25.4/30	60/80/100/120
350	3.0	2.5	25.4/30	60/80/100/120
400	3.2	2.5	25.4/30	60/80/100/120
450	4.0	3.2	25.4/30	60/80/100/120
500	4.4	3.5	30	60/80/100/120
550	4.4	3.5	30/38	60/80/100/120/144
550	5.0	4.0	30/38	60/80/100/120/144
600	5.5	4.8	30/38	60/80/100/120/144
700	6.0	5.0	30	60/80/100/120/144
750	6.5	5.5	50	60/80/100/120/144
800	7.0	6.0	50	60/80/100/120/144

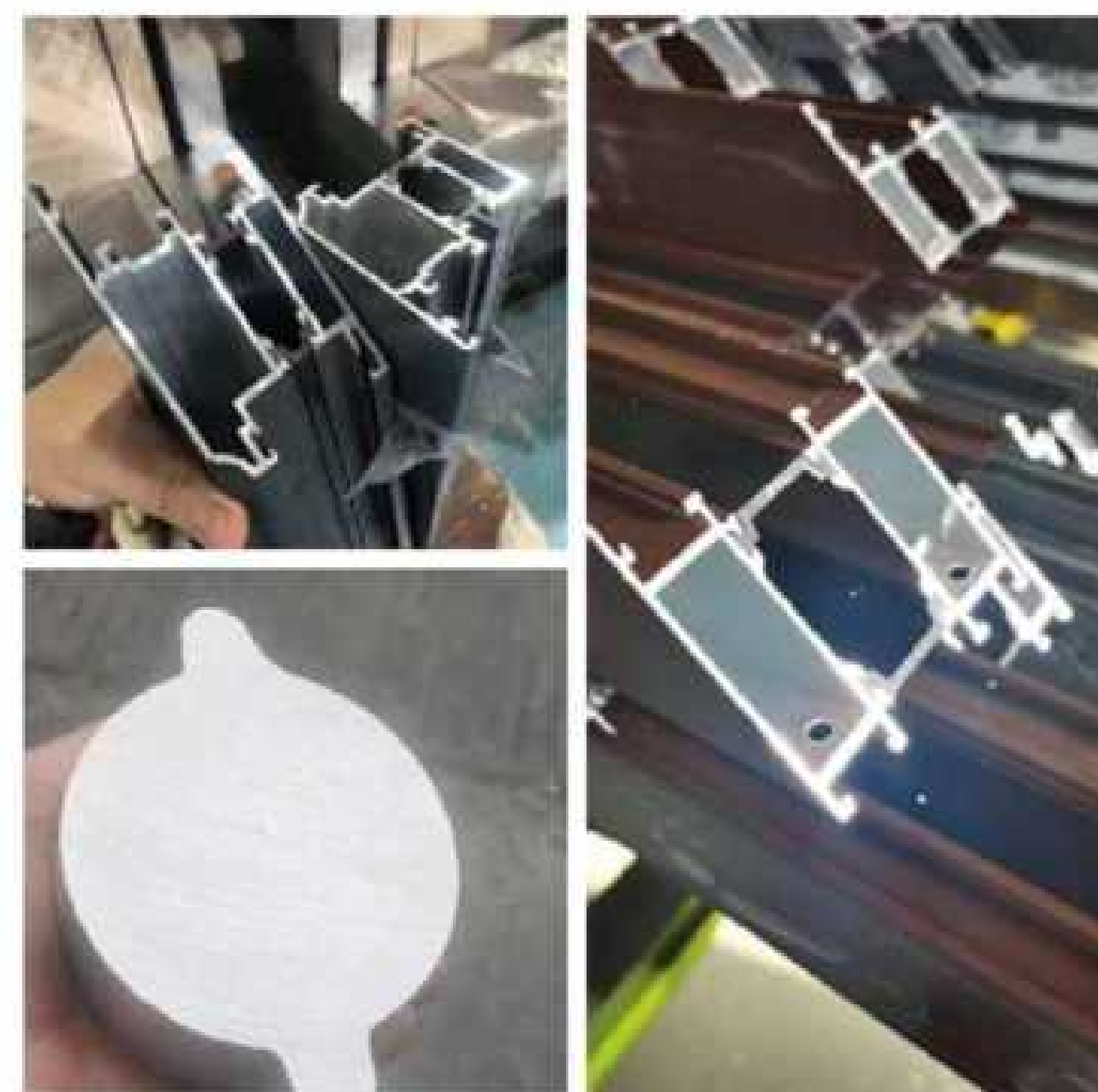
PCD圆锯片

应用特点:切割木材、铝型材以及圆棒
切割表面光滑无毛刺
使用寿命很长,可以达到TCT锯片的30倍

Diamond Tipped Saw Blades For Aluminum And Wood

Features:

Cutting wood, profiles and round bars
Smooth cutting surface, No burrs
Extremely long service life, up to 30 times that of TCT saw blades



木工PCD Wood PCD Specification

外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
200	3.0	2.2	25.4/30	24/36/48/60/80
255	3.0	2.2	25.4/30	24/36/48/60/80/100
300	3.2	2.2	30	28/36/48/60/72/80/96/100/120
350	3.5	2.5	30	28/36/48/60/72/80/96/100/120
350	4.0	3.2	60	72/84/96
350	4.4	3.2	60	72/84/96
380	4.4	3.2	60	72/84/96
400	4.4	3.2	60/75	72/84/96
450	4.8	3.5	60/75	72/84/96

铝材PCD Aluminum PCD Specification

外径	刃宽	锯身厚度	中心孔	齿数
Diameter	Kerf	B	Bore	Teeth
300	3.0	2.5	25.4/30	60/80/100/120
350	3.0	2.5	25.4/30	60/80/100/120
400	3.2	2.5	25.4/30	60/80/100/120
450	4.0	3.2	25.4/30	60/80/100/120
500	4.4	3.5	30	60/80/100/120
550	4.4	3.5	30/38	60/80/100/120/144
550	5.0	4.0	30/38	60/80/100/120/144
600	5.5	4.8	30/38	60/80/100/120/144
700	6.0	5.0	30	60/80/100/120/144
750	6.5	5.5	50	60/80/100/120/144
800	7.0	6.0	50	60/80/100/120/144

浙江至广精工

金属陶瓷快切冷锯应用参数表 Application Parameters For Cermet Cold Saws

材质	ø285转速/ (min)	ø360转速/ (min)	线速度(V)	每齿进给量 (mm)	锯片寿命 (m ²)
Materials	ø285 RPM/min	ø360 RPM/min	Line speed	Feeding speed	Cutting life
10#, 15#, 20#, 25#, A3 (Q235)	130-180	110-140	120-160	0.08-0.1	60-70
35#, 40#, 45#, 50#, 55#, 60#	130-180	110-140	120-160	0.08-0.1	40-60
65Mn	110-130	90-110	100-120	0.06-0.08	20-30
70#, 80#	100-120	80-100	90-110	0.06-0.08	20-25
35Mn2	110-120	90-100	100-110	0.06-0.08	40-50
15CrMo, 20CrMn	120-140	110-125	120-140	0.06-0.08	50-60
30CrMo, 35CrMo, 42CrMo	120-140	100-115	110-130	0.06-0.08	30-40
42CrMo4	110-130	90-110	100-120	0.06-0.08	30-40
20CrNi2Mo	120-140	100-115	110-130	0.06-0.08	30-40
20CrMoTi, 20CrMoH, 20CrMoTiH3	120-135	100-110	110-125	0.06-0.08	30-50
40CrNiMoA	110-130	90-110	100-120	0.06-0.08	25-35
20Cr, 30Cr, 38CrSi	120-140	110-125	120-140	0.06-0.08	40-60
40Cr	110-130	90-110	100-120	0.06-0.08	30-40
20CrNiMo	110-130	90-110	100-120	0.06-0.08	30-40
40NiCrMo2	110-130	90-110	100-120	0.06-0.08	25-30
Cr2, GCr15, 100CrMoSi6-4	100-120	80-100	90-110	0.06-0.08	15-25
SKD11, D2, A2, Cr12MoV, Cr5Mo1V	90-110	70-90	80-100	0.06-0.08	10
H13, SKD61, 4Cr5MoSiV1	90-110	70-90	80-100	0.06-0.08	10
B3(5CrNiMo)	90-110	70-90	80-100	0.06-0.08	15-20
304, 306	65-75	55-65	60-70	0.04-0.05	12-20
304L, 306L	55-70	45-55	50-60	0.035-0.05	10-15

注意: 根据设备状态不同, 调整锯切参数, 声音切割顺畅为最佳。

Attention: Please adjust the cutting parameters according to the state of the machine, low noise, smooth cutting is the best!