

PRODUCT CATALOGUE

TCT SAW BLADES

POWERSAW.CO.KR



POWER SAW

CUT BETTER, LAST LONGER!





CONTENT

FERROUS CUTTING

I. TUBE TOP	<i>PVD COATED</i>	04
II. SOLID TOP	<i>PVD UNCOATED / COATED</i>	05
III. ORBITAL TOP	<i>PVD COATED</i>	06
IV. FLYING TOP	<i>PVD COATED</i>	07

NON-FERROUS CUTTING

I. SUS TOP	<i>PVD COATED</i>	09
II. DM TOP	<i>PVD COATED</i>	10

01

FERROUS CUTTING

POWER SAW circular saw blades



TUBE TOP *PVD COATED*

HIGH PERFORMANCE TCT CIRCULAR SAW BLADE
FOR HARD STEEL TUBE / PIPE CUTTING



FERROUS CUTTING

APPLICATIONS



- CARBON STEEL TUBES
- ALLOY STEEL TUBES
- CAST-IRON TUBES



- AUTOMOTIVE STEEL TUBULAR PRODUCTS



- SEAMLESS TUBES
- WELDED TUBES

FEATURES



- HIGH TENSILE STRENGTH
UP TO 1800 N/mm²



- HIGH CUTTING SPEED
UP TO 350 m/min



- HIGH FEED RATE



- LOW CUTTING COST

DIMENSIONS (mm)

※ Customer specification available upon request.

OD	Kerf	T	Borehole	Pinholes	Z(Tooth)	Cutting Machine
285	2.0	1.75 / 1.70	32	4 / 11 / 63	120	Soco
350	2.6	2.25 / 2.20	32	4 / 11 / 63 + 4 / 9 / 50	120	BLM / ADIGE
350	2.7	2.50 / 2.45	50	4 / 15 / 80	120	Rattunde
350	2.7	2.50 / 2.45	50	4 / 15 / 80	140	Rattunde
370	2.7	2.50 / 2.45	50	4 / 15 / 80	116	Rattunde
360	2.6	2.25	50	4 / 15 / 80	100	Kaltenbach, FONGHO
370	2.6	2.25	50	4 / 15 / 80	100	Nishijima, Everising
400	3.2	2.68	50	4 / 14 / 120 + 2 / 12.5 / 120	120/130	
460	3.2	2.7	50	4 / 13 / 90	120	



SOLID TOP PVD UNCOATED / COATED

HIGH PERFORMANCE CERMET CIRCULAR SAW
BLADE FOR SOLID BAR CUTTING

FERROUS CUTTING

APPLICATIONS



- CARBON STEEL SOLID BAR
- ALLOY STEEL SOLID BAR



- STEEL BILLET CUTTING FOR FORGING PROCESS

FEATURES



- HIGH TENSILE STRENGTH
UP TO 900 N/mm²



- HIGH CUTTING SPEED



- HIGH FEED RATE



- LOW CUTTING COST

DIMENSIONS (mm)

※ Customer specification available upon request.

OD	Kerf	T	Borehole	Pinholes	Z(Tooth)	Cutting Machine
250	2.0	1.75 / 1.70	32	4 / 11 / 63	80	Everising, Bewo
250	2.0	1.70	40	2 / 9 / 55	60	Hydromat
250	2.0	1.70	40	2 / 9 / 55	80	
285	2.0	1.75 / 1.70	32 / 40	4 / 11 / 63 4 / 12 / 80	60	Amada, Everising, Nishijima, Soco, Kasto, Mega
285	2.0	1.75 / 1.70	32 / 40		72	
285	2.0	1.75 / 1.70	32 / 40		80	
360	2.6 / 2.7	2.25	40	4 / 11 / 90 4 / 16 / 80	60	
360	2.6 / 2.7	2.25	40		80	
460	2.6 / 2.7	2.25	50	4 / 16 / 80 4 / 13 / 90	40	
460	2.6 / 2.7	2.25	50		60	
460	2.6 / 2.7	2.25	50		80	



FLYING TOP *PVD COATED*

HIGH PERFORMANCE TCT CIRCULAR SAW BLADES
FOR **ERW** TUBE / PIPE CUTTING

FERROUS CUTTING

APPLICATIONS



▪ CUT SMALL ERW PIPES
& TUBES :

- ROUND
- SQUARE
- RECTANGULAR

FEATURES



▪ HIGH TENSILE STRENGTH
UP TO 950 N/mm²



▪ CUTTING SPEED V_c :
Up to 400 m/min



▪ FEED RATE F_z :
0.10mm/ T max

DIMENSIONS (mm)

※ Customer specification available upon request.

OD	Kerf	T	Borehole	Pinholes	Z(Tooth)	Cutting Machine
400	3.2 / 4.0	2.7 / 3.1	45	4 / 17 / 120	120 / 130	MTM, Otto Mill, Nakata, Olimpia
450	3.2 / 4.0	2.7 / 3.1	80	4 / 17 / 160	120 / 130	
500	3.5	2.7	50	4 / 15 / 80	140 / 160	
560	4.0	3.1	80	4 / 12 / 115	140 / 150	

ORBITAL TOP *PVD COATED*

HIGH PERFORMANCE TCT CIRCULAR SAW BLADE
FOR **ERW** TUBE / PIPE CUTTING



FERROUS CUTTING

APPLICATIONS



- CUT LARGE OD ERW PIPES & TUBES



- HIGH TENSILE STRENGTH PIPE (API 5L, X80, 100ksi)

FEATURES



- CUTTING SPEED V_c :
Up to 400 m/min



- FEED RATE F_z :
0.25mm/ T

DIMENSIONS (mm)

※ Customer specification available upon request.

OD	Kerf	T	Borehole	Pinholes	Z(Tooth)	Cutting Machine
250	3.2 / 4.0	2.7 / 3.1	45	4 / 17 / 120	46 / 60	MTM, Otto Mill, Linsinger, Nakata, SMS, Adda Fer, Olimpia
300	3.2 / 4.0	2.7 / 3.1	80	4 / 17 / 160	60 / 72 / 80	
350	3.7	2.5	50	4 / 15 / 80	72	
350	3.5	2.7	100	4 / 12 / 160	52 / 64	
355	3.2	2.7	45	4 / 17 / 120	64 / 72	
380	3.7	2.5	115	2 / 20.5 / 200	40 / 48 / 66	

02

NON-FERROUS CUTTING

POWER SAW circular saw blades





SUS TOP *PVD COATED*

HIGH PERFORMANCE TCT CIRCULAR SAW BLADE
FOR STAINLESS STEEL

NON-FERROUS CUTTING

APPLICATIONS



- CUT STAINLESS STEEL
SOLID BAR



- CUT STAINLESS STEEL
TUBE/ PIPES

FEATURES



- HIGH TENSILE STRENGTH
UP TO 1000 N/mm²



- RECOMMENDABLE CUTTING
SPEED : 70 ~ 100 m/min



- RECOMMENDABLE FEED RATE
/ T : START FROM 0.03mm/T



- LOW CUTTING COST

DIMENSIONS (mm)

※ Customer specification available upon request.

OD	Kerf	T	Borehole	Pinholes	Z(Tooth)	Cutting Machine
285	2.0	1.75 / 1.70	32 / 40	4 / 11 / 63 4 / 12 / 80	60	AMADA, EVERISING, NISHIJIMA, SOCO, BEHRINGER EISELE
285	2.0	1.75 / 1.70	32 / 40		72	
285	2.0	1.75 / 1.70	32 / 40		80	
360	2.6 / 2.7	2.25	40	4 / 11 / 90 4 / 16 / 80	60	
360	2.6 / 2.7	2.25	40		80	
460	2.9	2.4	40 / 50	4 / 16 / 80 4 / 13 / 90	60	
460	2.9	2.4	40 / 50		80	

DM TOP *PVD UNCOATED*

HIGH PERFORMANCE TCT CIRCULAR SAW BLADE
FOR CUT AUTOMOTIVE DOOR MOLDING



NON-FERROUS CUTTING

FEATURES



- HIGH TENSILE STRENGTH
UP TO 800 N/mm²



- HIGH CUTTING SPEED



- HIGH FEED RATE



- LOW CUTTING COST

DIMENSIONS (mm)

※ Customer specification available upon request.

OD	Kerf	T	Borehole	Z(Tooth)
255	2.0	1.75 / 1.70	25.4	100
255	2.0	1.75 / 1.70	25.4	120
305	2.2	1.75 / 1.70	32	120



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