

TWIN-TOWN[®]
ENTERPRISES



**STEEL WORKING
CIRCULAR SAW BLADE**

ENTERPRISE INTRODUCTION:

How We Start

In 1994 Twin-Town was only one of the departments of the Jiangsu overseas group (JOC).

In 1999 JOC and Mr. Tony Chen (Managing Director of Twin-Town Enterprises), together with some of his colleagues, co-founded Twin-Town Enterprises and started the process of development that has led the company to its current position as one of the leading abrasives and cutting tools companies in China.

Twin-Town realized the importance of establishing her own manufacturing bases in order to make the best possible use of technology and staff know-how, and to more effectively control the quality of products and service.

We set up or invested in three factories in the fields of circular saw blades, abrasives, and diamond tools.

How We Grow

In 2000 Twin-Town opened a new R & D center in order to fully realize the potential of the decades of experience accumulated by her technical personnel.

Having accumulated a vast amount of experience and knowledge from her OEM business with many world-renowned customers, in the year 2000 Twin-Town developed and launched her own "MR TONY" brand to compliment the brands she shares with her partners.

In 2019 Metak Industrial (Thailand) Co. LTD established, covering an area of 33,000m² of land (20 rai) in Rojana Industrial Park, Thailand, to manufacture diamond tools products.

In 2022 we upgraded our saw blade factory, with more than 150 employees, covering an area of over 28,000 square meters, and adapt fully automated machines and intergraded ERP and MES system.

What We Pursue

We treat our customers as partners in business, work closely with them to address their marketing problems in their own markets, by conducting in-depth market analysis to recommend suitable products and optimal pricing strategies. As we expected and endeavored, our business partners, OEM customers, and agents of our own brands have continued to gain still larger shares of their respective markets.

In order to be both innovative and competitive Twin-Town invests 15%-20% of annual profits in research and development, bringing 5-10 new products onto the market each year.



Carbide tipped circular saw blade

Special tip, whose feature is to have hardness and toughness. It could cut smooth and long life with excellent wear resistance and defect resistance.



Cermert tipped circular saw blade

It is very hard and special tip which composed of special titanium. With tremendous wear resistance, it could cut harden metal material smoothly with long life.



Designed for thin saw body and kerf



Maintain long and sharp cutting
Compared with thick teeth, it reduces material waste and cutting resistance.



Protection guard



Limit overloaded cutting
Proper sending speed for cutting material and reduce the chipping failure.



Low noise reduction slit



Reduce the noise while cutting

QUALITY BUILDS TRUST

TWIN-TOWN®

← FERROUS METAL

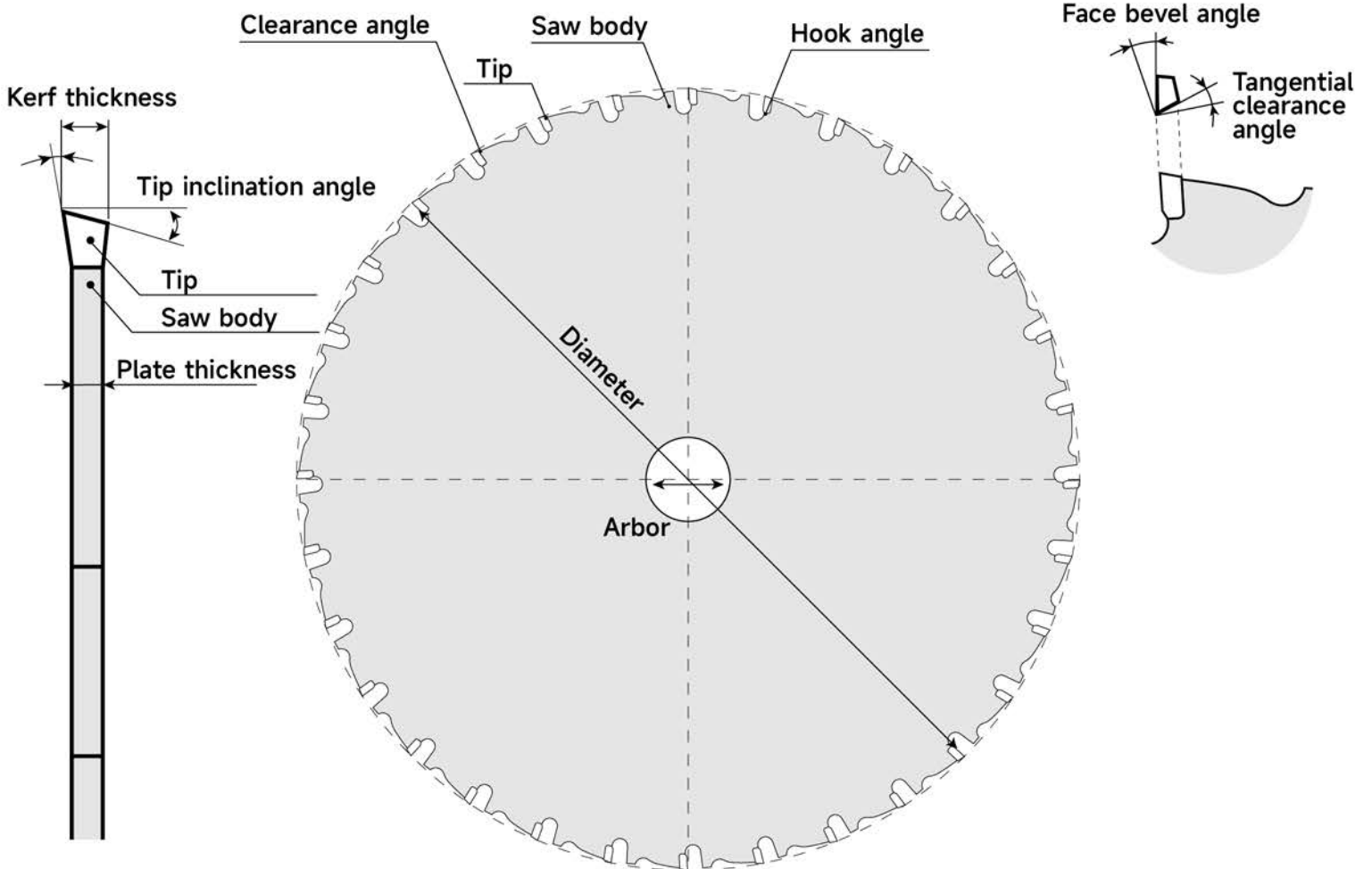
PLATES/TUBES ANGLE IRON PIPES/BARS
THREADED ROD STUDS/CHANNELS EMT CONDUIT

Art-TTT18548GA

7 1/4" (185mm)	Bore	Kerf	48 Teeth
	5/8" (15.88mm)	.071" (1.8mm)	

produced by TWIN-TOWN® ENTERPRISES

Circular Saw Blade Part Name



Teeth grinding chart

Grinding teeth type	Name
	ATB
	FTG
	TCG
	MTCG
	SMTCG

Pin holes can be customized.

Features:

Low spark, cool cutting, no dust, smooth cutting surface, sharp and durable High cutting efficiency and safety.

Usage:

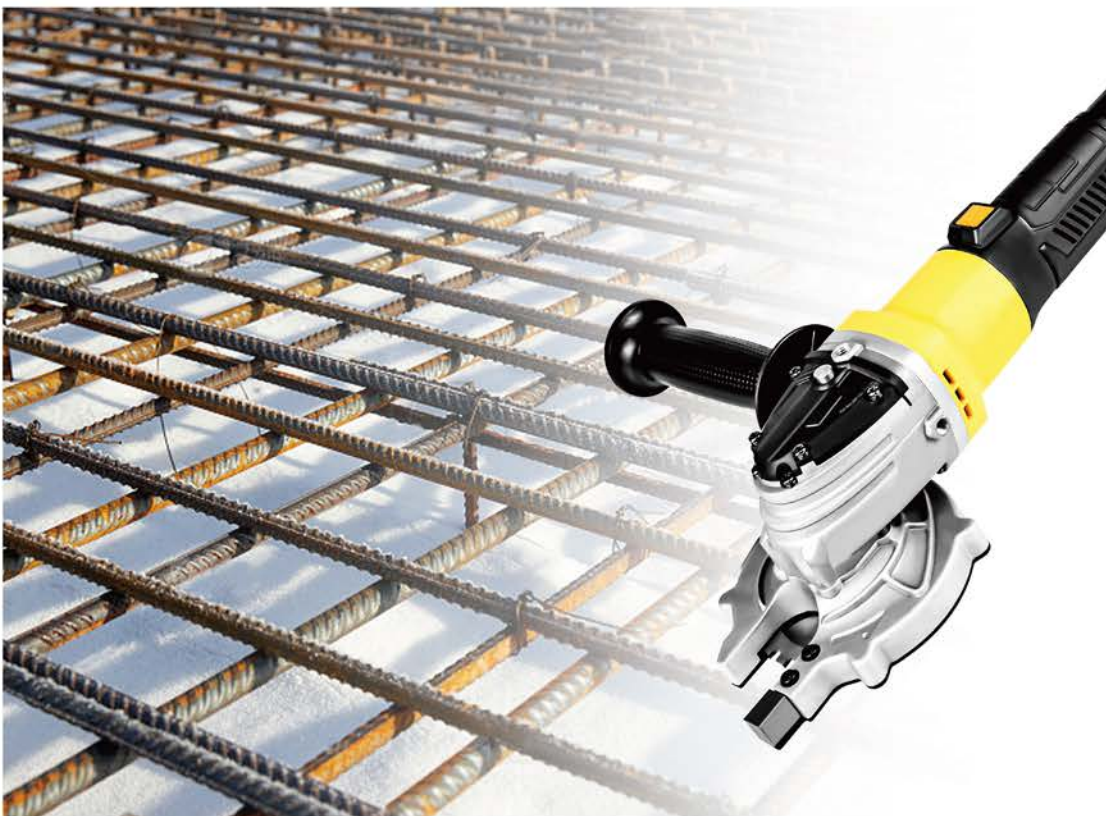
Rebar / square pipe
Bolts / O.D oil pipes / round pipes / copper water pipes etc.

Caution:

Choose the right type machine and keep the work piece clamped during cutting.
Check the cutting material to match with blade usage.
Always wear a protective shield, gloves, helmet, safety shoes and goggles.



Part code	Diameter (mm)	Kerf (mm)	Thickness (mm)	Arbor (mm)	Number of teeth	MAX RPM (min-1)	Type of teeth grinding	For Machine
Art-TTT11024RB	110	1.6	1.2	35	24	2100	MTCG	Rebar Cutter
Art-TTT11028RB	110	1.6	1.2	22.23	28	2100	MTCG	Rebar Cutter
Art-TTT11524RB	115	1.6	1.2	15	24	5500	MTCG	Rebar Cutter
Art-TTT12530RB	125	1.6	1.2	15	30	5500	MTCG	Rebar Cutter
Art-TTT14036RB	140	1.8	1.4	34	36	5500	MTCG	Rebar Cutter
Art-TTT14536RB	145	1.8	1.4	22.23	36	2100	MTCG	Rebar Cutter



Features:

Safe operation; Precision cutting
Clean, neat cutting surface with virtually no heat, burrs and sparks.

Usage:

Pipes of various materials including:
Steel pipe; cast iron pipe; plastic pipe; galvanized pipe etc.

Caution:

Check the saw blade before each cut to see if the tip is damaged,
the blade needs to be re-sharpened in time if it is dull.
Replace the saw blade in time if it is seriously worn.



Part code	Diameter (mm)	Kerf (mm)	Thickness (mm)	Arbor (mm)	Number of teeth	MAX RPM (min-1)	Type of teeth grinding	For Machine
Art-TTT14046GA	140	1.8	1.4	62	46	9000	MTCG	Pipe cutter
Art-TTT14048RA	140	1.8	1.4	62	48	9000	SMTCG	Pipe cutter
Art-TTT16552GA	165	1.8	1.4	62	52	9000	MTCG	Pipe cutter



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SAW BLADES FOR CORDLESS METAL SAW



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FERROUS METAL



- MILD STEEL
- STEEL PLATES
- METAL PIPES
- CHANNEL STEEL
- THREADED ROD
- METAL TUBES

Art-TTT15036RA

6" <small>(150mm)</small>	Bore <small>.78"</small> <small>(20mm)</small>	Kerf <small>.063"</small> <small>(1.6mm)</small>	36 <small>Teeth</small>
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Produced by TWIN-TOWN® ENTERPRISES

LASER CUT BODY

QUALITY BUILDS TRUST

TWIN-TOWN®

←

FERROUS METAL

MAX RPM: 3900

- MILD STEEL
- CHANNEL STEEL
- STEEL PLATES
- THREADED ROD
- METAL PIPES
- METAL TUBES

Art-TTT15036RA

Kerf <small>.063"</small> <small>(1.6mm)</small>	36 <small>Teeth</small>
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QUALITY BUILDS TRUST

TWIN-TOWN®

←

FERROUS METAL

MAX RPM: 3900

LASER CUT BODY

- MILD STEEL
- CHANNEL STEEL
- STEEL PLATES
- THREADED ROD
- METAL TUBES

Art-TTT15036RA

6" <small>(150mm)</small>	Bore <small>.78"</small> <small>(20mm)</small>
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Features:

More energy saving, more material saving, not only the product itself, but also the cutting material.
Fast, clean, neat cutting surface with virtually no heat, burrs and sparks.

Usage:

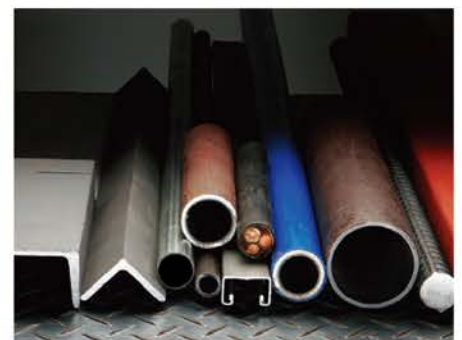
Mild steel / steel plates / metal pipes
Channel steel / threaded rod etc.

Caution:

Choose the right type machine and keep the work piece clamped during cutting.
Check the cutting material to match with blade usage.
Always wear a protective shield, gloves, helmet, safety shoes and goggles.



Part code	Diameter (inch/mm)	Kerf (inch/mm)	Thickness (inch/mm)	Arbor (inch/mm)	Number of teeth	MAX RPM (min-1)	Type of teeth grinding	For Machine	Application
Art-TTT13630RA	5 3/8" /136	0.063" /1.6	0.047" /1.2	0.78" /20	30	3600	MTCG	Cordless Circular Saw	steel
Art-TTT13650RA	5 3/8" /136	0.055" /1.4	0.043" /1.1	0.78" /20	50	3600	MTCG	Cordless Circular Saw	metal sheets
Art-TTT15032RA	6" /150	0.063" /1.6	0.047" /1.2	0.78" /20	32	3900	MTCG	Cordless Circular Saw	steel
Art-TTT15036RA	6" /150	0.063" /1.6	0.047" /1.2	0.78" /20	36	3900	MTCG	Cordless Circular Saw	steel
Art-TTT15048RA	6" /150	0.063" /1.6	0.047" /1.2	0.78" /20	48	3900	MTCG	Cordless Circular Saw	stainless steel
Art-TTT15052RA	6" /150	0.055" /1.4	0.043" /1.1	0.78" /20	52	3900	MTCG	Cordless Circular Saw	steel (thin)
Art-TTT16540RA	6 1/2" /165	0.063" /1.6	0.047" /1.2	0.78" /20	40	4200	MTCG	Cordless Circular Saw	steel
Art-TTT16548RA	6 1/2" /165	0.063" /1.6	0.047" /1.2	0.78" /20	48	4200	MTCG	Cordless Circular Saw	stainless steel



Features:

Teeth higher tolerance delivers cooler cutting experience.
Clean, neat cutting surface with virtually no heat, burrs and sparks.

Usage:

Steel studs / channel / angle iron;
Studs & tubing / plates & bars / sandwich panel materials.

Caution:

Choose the right type machine and keep the work piece clamped during cutting.
Check the cutting material to match with blade usage.
Always wear a protective shield, gloves, helmet, safety shoes and goggles.



Part code	Diameter (inch/mm)	Kerf (inch/mm)	Thickness (inch/mm)	Arbor (inch/mm)	Number of teeth	MAX RPM (min-1)	Type of teeth grinding	Low noise reduction slit	Application
Art-TTT18532GA	7 1/4" /185	0.071" /1.8	0.055" /1.4	0.78" /20	32	5500	MTCG		steel
Art-TTT18536GA	7 1/4" /185	0.071" /1.8	0.055" /1.4	0.78" /20	36	5500	MTCG		steel
Art-TTT18548GA	7 1/4" /185	0.071" /1.8	0.055" /1.4	0.78" /20	48	5500	MTCG	✓	steel & stainless steel
Art-TTT18536RA	7 1/4" /185	0.071" /1.8	0.055" /1.4	0.78" /20	36	5500	MTCG	✓	steel & stainless steel
Art-TTT18560RA	7 1/4" /185	0.071" /1.8	0.055" /1.4	0.78" /20	60	5500	MTCG	✓	steel & stainless steel



(For Rod Cutting in Tapping thread machine of Construction Site)

Features:

Optimized blade design reduces wandering and deflection of metal, creating precise cuts that require virtually no re-work. Clean, neat cutting surface with virtually no heat, burrs and sparks.

Usage:

Steel studs / channel / angle iron;
Studs & tubing / plates & bars.

Caution:

Choose the right type machine and keep the work piece clamped during cutting.
Check the cutting material to match with blade usage.
Always wear a protective shield, gloves, helmet, safety shoes and goggles.



Part code	Diameter (inch/mm)	Kerf (inch/mm)	Thickness (inch/mm)	Arbor (inch/mm)	Number of teeth	MAX RPM (min-1)	Type of teeth grinding	Low noise reduction slit	For Machine
Art-TTT25448RA	10" /254	0.075" /1.9	0.059" /1.5	1" /25.4	48	2100	TCG	✓	metal cutting cold saw
Art-TTT25452RA	10" /254	0.075" /1.9	0.059" /1.5	1" /25.4	52	2100	TCG	✓	metal cutting cold saw
Art-TTT25460RA	10" /254	0.075" /1.9	0.059" /1.5	1" /25.4	60	2100	TCG	✓	metal cutting cold saw



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SAW BLADE FOR METAL CUTTING CHOP SAW
/ BRUSHLESS CUT-OFF MACHINE



Features:

Quick cutting, clean, neat cutting surface with virtually no heat, burrs and sparks.
Can be resharpened; lower cost of use.

Usage:

Studs & tubing/ plates & bars/ rods/ steel studs;
Angle iron/ black iron pipe/ tubing/ EMT Conduit;
Flat bar/ all-thread and channel.

Caution:

Choose the right type machine and keep the work piece clamped during cutting.

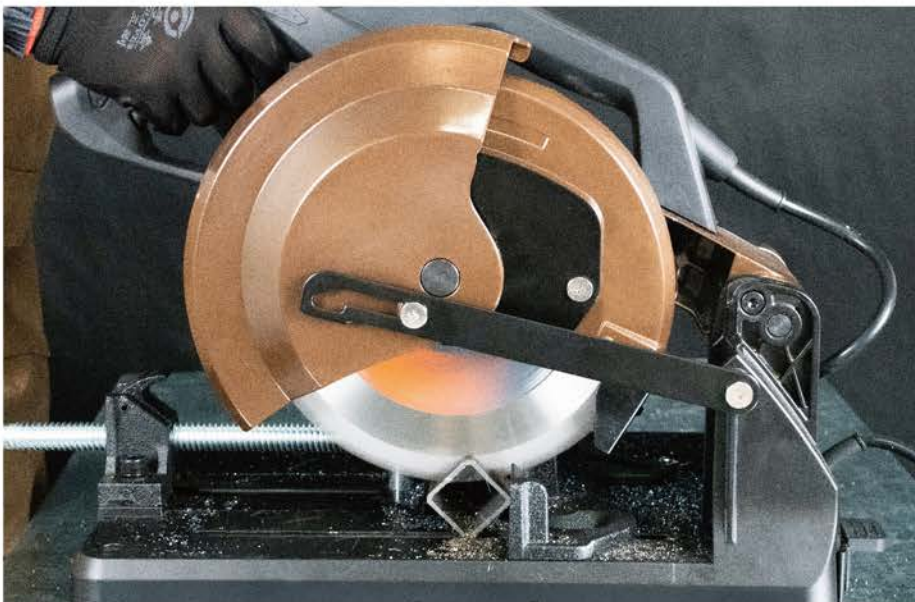
Not allowed to cut surface coated super hard materials.

If the saw blade does not cut well, the blade should be resharpened in time to prolong the life of the blade.

Always wear a protective shield, gloves, helmet, safety shoes and goggles.



Part code	Diameter (inch/mm)	Kerf (inch/mm)	Thickness (inch/mm)	Arbor (inch/mm)	Number of teeth	MAX RPM (min-1)	Type of teeth grinding	Low noise reduction slit	Application
Art-TTT30560RA	12" /305	0.087" /2.2	0.071" /1.8	1" /25.4	60	1700	TCG	✓	steel
Art-TTT30584RA	12" /305	0.087" /2.2	0.071" /1.8	1" /25.4	84	1700	SMTCG	✓	stainless steel
Art-TTT35566RA	14" /355	0.09" /2.3	0.075" /1.9	1" /25.4	66	1500	TCG	✓	steel
Art-TTT35572RA	14" /355	0.09" /2.3	0.075" /1.9	1" /25.4	72	1500	TCG	✓	steel & stainless steel
Art-TTT35580RA	14" /355	0.09" /2.3	0.075" /1.9	1" /25.4	80	1500	TCG	✓	steel & stainless steel
Art-TTT35590RA	14" /355	0.09" /2.3	0.075" /1.9	1" /25.4	90	1500	SMTCG	✓	stainless steel
Art-TTT355120RA	14" /355	0.09" /2.3	0.075" /1.9	1" /25.4	120	1500	SMTCG	✓	stainless steel (thin)
Art-TTT40572RA	16" /405	0.11" /2.8	0.09" /2.3	1" /25.4	72	1200	TCG	✓	steel
Art-TTT45584RA	18" /455	0.118" /3.0	0.098" /2.5	1" /25.4	84	1000	TCG	✓	steel





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← FERROUS METAL →

LASER CUT BODY

MAX RPM: 3900

CERMET TIP
from Sumitomo Japan

MILD STEEL	STEEL PLATES	METAL PIPES
CHANNEL STEEL	THREAD ROD	METAL TUBES

Alt: TTT1803RA

6" (150mm) Bore 78" (200mm) Kerf .063" (1.6mm)

36 Teeth

Produced by TWIN-TOWN ENTERPRISES

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← REBAR CUTTING →

LASER CUT BODY

MAX RPM: 2100

CERMET TIP
from Sumitomo Japan

ROD	SQUARE PIPE	ROD
OLD PIPE	ROUND PIPES	ROD

Alt: TTT1028RB

4" (100mm) Bore 67" (170mm) Kerf .063" (1.6mm)

28 Teeth

Produced by TWIN-TOWN ENTERPRISES

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← FERROUS METAL →

MAX RPM: 4500

CERMET TIP
from Sumitomo Japan

FOR PIPE CUTTER

Alt: TTT1408RA

6" (150mm) Bore 78" (200mm) Kerf .063" (1.6mm)

36 Teeth

Produced by TWIN-TOWN ENTERPRISES

MAX RPM: 4500

TWIN-TOWN
FERROUS METAL

PLATES/TUBES
THREADED ROD
ANGLE IRON
STUDS/CHANNELS
PIPES/BARS
EMT CONDUIT

Art-TTT18548GA
7 1/4" (185mm) Bore 5/8" (15.88mm) Kerf .071" (1.8mm) 48 Teeth
produced by TWIN-TOWN ENTERPRISES

CERMET TIP
from sumitomo® Japan



LASER CUT

CERMET TIP
from sumitomo® Japan

PLATES/TUBES
THREADED ROD
ANGLE IRON
STUDS/CHANNELS

Art-TTT18548GA
7 1/4" (185mm) Bore 5/8" (15.88mm) Kerf .071" (1.8mm) 48 Teeth
produced by TWIN-TOWN ENTERPRISES



Safety-related Cautions:

Before using products listed in this catalog, read the instruction for the product and the machinery to be used carefully, and use them correctly with sufficient understanding.

- Use the correct blades for the material to be cut.
- Use of unsuitable blades not only reduces the work efficiency, but also can cause damage to the blades or the machines etc.
- Always use machines with safety covers or safety devices suitable for the diameter and the speed of the installed blades.
- Always use protective equipment (goggles, protective covers, etc.) at the time of use.

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