

THROW AWAY CARBIDE TIPPED SAW BLADES FOR SOLID MATERIALS AND THICK WALLED TUBES

HIGHER CUTTING SPEED - HIGHER DURABILITY - EXCELLENT CUTTING SURFACE

Selecting the right saw blade is the essential first step for an efficient mass production.

Application:

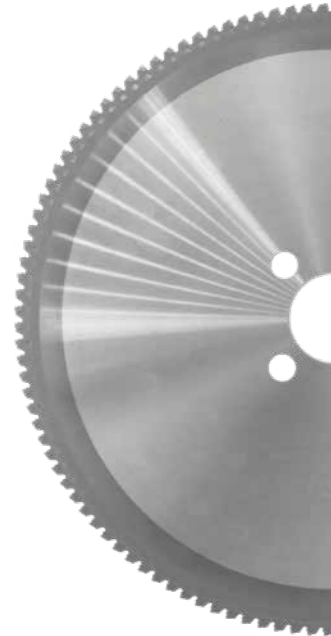
- steel
- stainless steel
- non-ferrous steel
- cast iron

Application by examples:

- Hinges
- Gear wheels
- Cylinder barrels
- Forgings
- Ball bearings
- Bevel wheel
- Iron and steel trade

Advantages:

- Up to 15.000 cuts
- higher cutting life
- better cutting surface
- higher cutting speed



TA-TCT saw blades are designed for mass cutting of automobile parts and forged materials which requires severe cutting controls of section.

- Saw blade diameter from 250 mm up to 460 mm
- Saw blade revolution from 12 - 200 rpm
- Special sizes on request
- Customized center and pin holes

Carbide teeth: Suitable for stainless steel

Cermet teeth: For use in steel, non-ferrous material and cast iron for higher durability and tempered steel.

By default, all saw blades are in un-coated. Coating on request!

To be used mainly for constant length cutting of round solid bar, square solid bar, solid-drawn pipe and so on.

Our saw blades are produced under strict quality control regarding cutting surface, precision and any other aspects.

RANGE OF SAWBLADES

Ø [mm]	Kerf	Bore [mm]	Teeth	Cutting capacity
250	2.0	32	54	Ø 40 ~ Ø 50
			60	Ø 30 ~ Ø 40
			72	Ø 15 ~ Ø 30
			160	Ø 1.2 ~ Ø 3.5 (wt)
285	2.0	32/40	60	Ø 45 ~ Ø 75
			72	Ø 30 ~ Ø 45
			80	Ø 25 ~ Ø 40
			120	Ø 15 ~ Ø 30
350	2.7	50	180	Ø 1.2 ~ Ø 3.5 (wt)
			200	Ø 1.2 ~ Ø 3.5 (wt)
			120	Ø 30 ~ Ø 50
			140	Ø 15 ~ Ø 30
360	2.6	40/50	60	Ø 65 ~ Ø 100
			80	Ø 30 ~ Ø 65
			100	Ø 10 ~ Ø 30
425	2.7	50	60	Ø 50 ~ Ø 110
			80	Ø 35 ~ Ø 80
			100	Ø 30 ~ Ø 65
			120	Ø 20 ~ Ø 40
460	2.7	50	60	Ø 65 ~ Ø 120
			80	Ø 50 ~ Ø 80
			100	Ø 40 ~ Ø 60

wt = wall thickness

WHICH SPEED FOR WHICH MATERIAL?

Material DIN	Cutting speed	Feed speed/tooth
St 33	140 (120 - 140) for pipes: 200	0.05 (0.04-0.08)
CK 10 C10	140 (120 - 140)	0.05 (0.04-0.08)
CK15 C15	140 (120 - 140)	0.05 (0.04-0.08)
CK25 C25	140 (120 - 140)	0.05 (0.04-0.08)
CK50 C35	130 (120 - 140)	0.05 (0.04-0.07)
CK40 C40	130 (120 - 140)	0.05 (0.04-0.07)
CK45 C45	130 (120 - 140)	0.05 (0.04-0.07)
CK50 C50 CK55 C55 CK60 C60	100 (100 - 120)	0.05 (0.04-0.07)
37Cr 4 41Cr 4	100 (100 - 120)	0.05 (0.04-0.07)
34CrMo 4 42CrMo 4 100Cr 6	100 (100 - 120)	0.05 (0.04-0.07)
X 210 Cr 12	90	0.05 (0.04-0.06)
5CrNi	100	0.05 (0.04-0.06)
1810	100	0.05 (0.04-0.06)

WHICH MACHINE DOES MY SAW BLADE FIT?

Machine	Model	Ø [in/mm]	Kerf	Bore [mm]	Pin holes
Adige	CM502-CM601	14"/360	2,6 2,27	32	4/11/63
	CM75AN	11"/285	2,0 1,75	40	2/12/80
Amada	CM100AN	14"/360	2,6 2,27	40	4/12/90
	CM150AN	18"/460	2,7 2,27	40	4/12/90
HCS 70	10"/250	2,0 1,75	40	2/15/80	
	11"/285	2,0 1,75	40	2/15/80	
	14"/360	2,6 2,27	40	2/15/80	
	17"/425	2,7 2,27	40	2/15/80	
Behringer - Eisele	HCS 130	14"/360	2,6 2,27	40	2/15/80
	16 1/2"/420	2,7 2,27	40	2/15/80	
HCS 150	14"/360	2,6 2,27	40	2/15/80	
	16 1/2"/420	2,7 2,27	40	2/15/80	
	18"/460	2,7 2,27	40	2/15/80	
Bewo	ECH 108	10"/250	2,0 1,75	40	4/12/64
Exact-cut	Mac 60	10"/250	2,0 1,75	32	4/9/50
Ficep	S35	12 1/2"/315	2,2 1,90	40	4/15/80
	S50	14"/360	2,6 2,27	40	2/15/80
	18"/460	2,7 2,27	50	2/18/100	
Gernetti Kaltenbach	SIC 350 K	14"/350	2,6 2,27	40	4/14/80
	SIC 500 K	14"/350	2,6 2,27	40	4/14/80
	KMR 100	18"/460	2,7 2,27	50	4/18/100
	19 1/2"/500	3,4 2,80	50	4/18/100	
		14"/360	2,6 2,27	50	4/15/80

Machine	Model	Ø [in/mm]	Kerf	Bore [mm]	Pin holes
WAC7 SPEED C9		10"/250	2,0 1,70	32	4/9/50+4/11/63
		11"/285	2,0 1,70	32	4/9/50+4/11/63
		10"/250	2,0 1,70	32	4/9/50+4/11/63
		11"/285	2,0 1,70	32	4/9/50+4/11/63
Kasto		12 1/2"/315	2,5 2,25	32	4/9/50+4/11/63
		14"/360	2,6 2,27	50	4/15/80
VARIOSPEED C14		17"/425	2,7 2,27	50	4/15/80
		17"/425	2,7 2,27	50	4/15/80
		18"/460	2,7 2,27	50	4/15/80
CS 65		11"/285	2,0 1,75	40	4/12/90
		14"/360	2,6 2,27	40	4/12/90
CS 150		18"/460	2,7 2,27	50	4/12/90
		18"/460	2,7 2,27	50	4/12/90
NHC 050 NA		10"/250	2,0 1,70	32	4/11/63
NHC 070 NA		11"/285	2,0 1,70	32	4/11/63
		14"/360	2,6 2,27	50	4/16/80
		18"/460	2,7 2,27	50	4/21/90
ACS 90/2 ACS 102		14"/350 - 16"/400	2,6 2,30	50	4/15/80
		11"/285	2,0 1,70	40	4/12/64
RASACUT		12 1/2"/315	2,2 1,90	40	4/12/64
		17"/425	2,7 2,27	40	4/12/64
		14"/350	2,6 2,27	40	4/14/80
TOP 2000		14"/360 - 14"/370	2,6 2,30	50	4/15/80
		10"/250	2,0 1,70	32	4/11/63
TK5C 50 GL		11"/285	2,0 1,70	32	4/11/63
		11"/285	2,0 1,70	32	4/11/63
		14"/360	2,6 2,30	50	4/11/63