

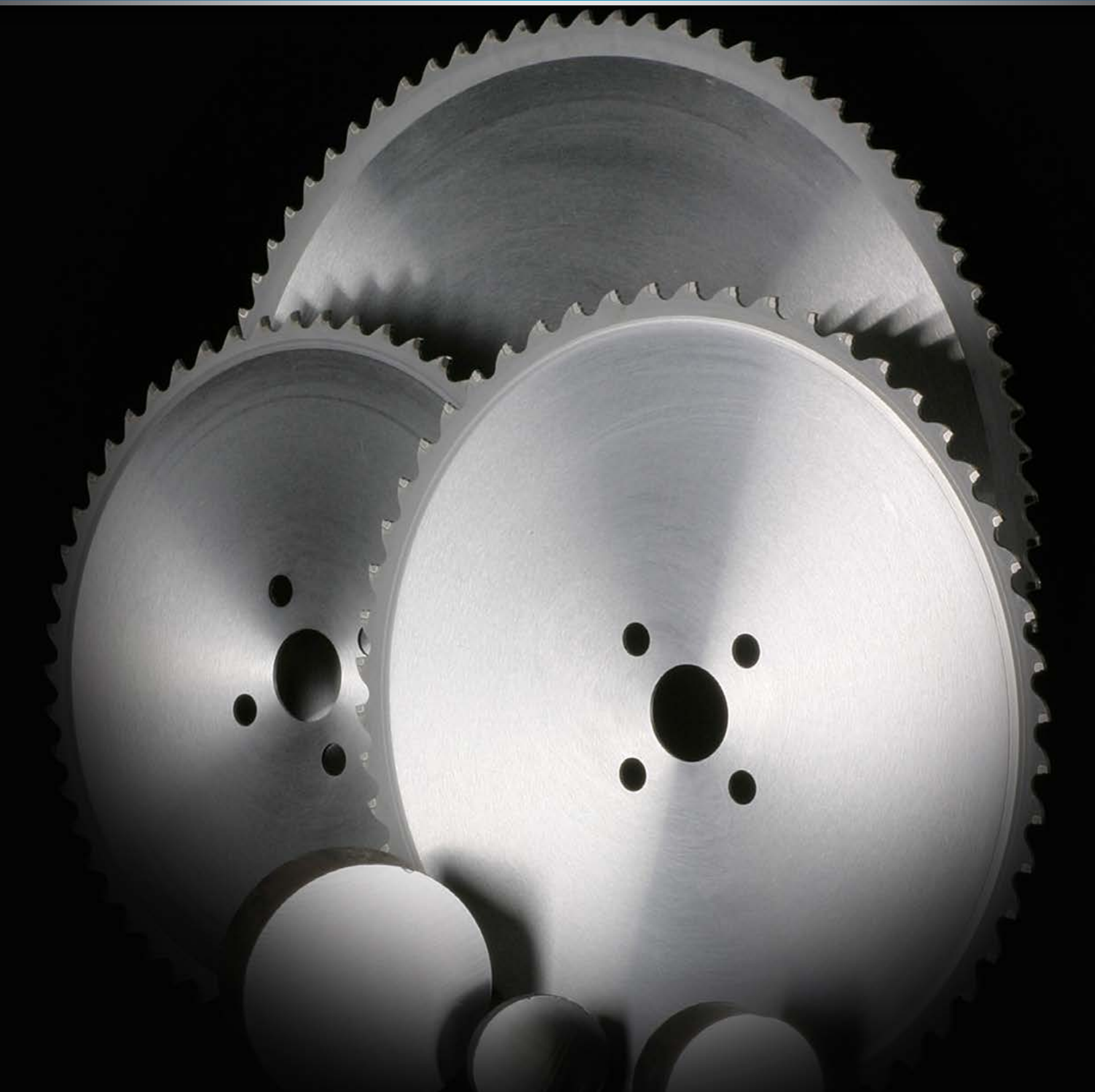
NAPGLADU

Delivering Productivity

G-Force Sawblades

Disposable saws for high-speed metal cutting machines

NAPGLADU



G-Force Blades for High-Speed Cutting Machines

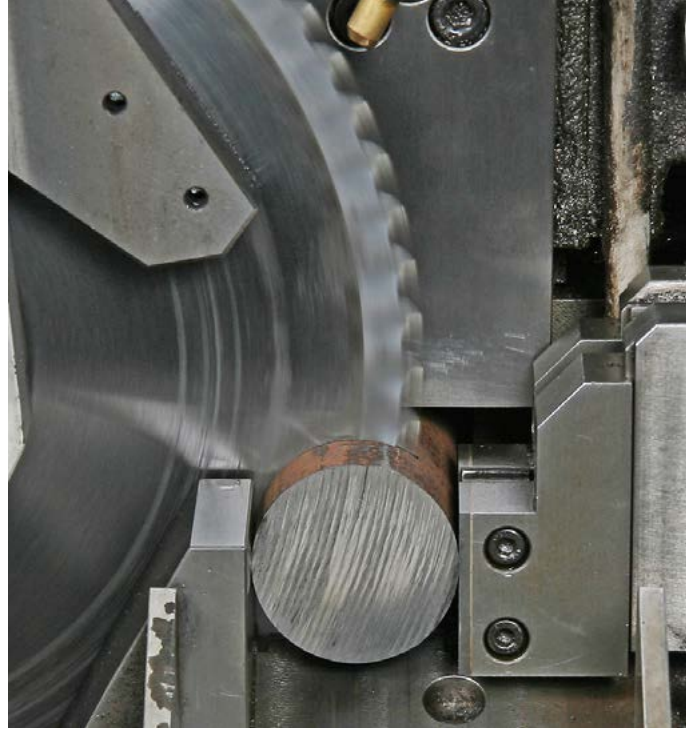


High-Performance

- *Faster cutting than band saws*
- *Extended saw blade life*
- *Reduced costs and increase productivity*

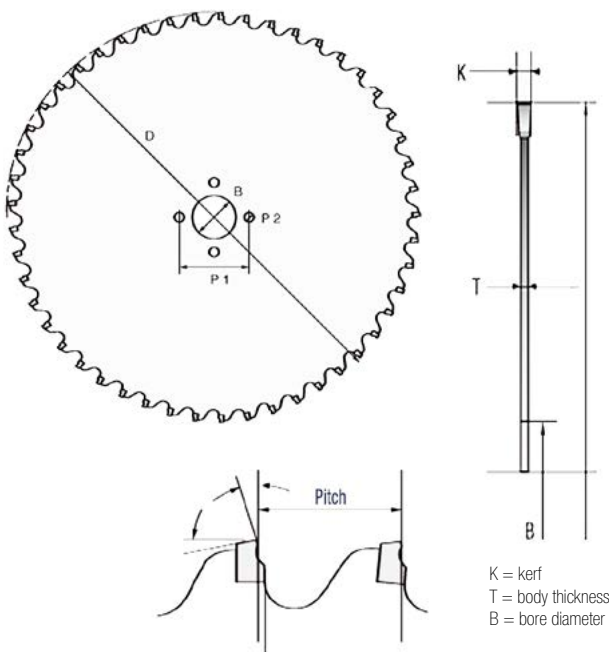
Use G-Force blades for outstanding performance in high power sawing machines such as Tsune, Nishijimax, Amada and many others. G-Force saws feature thin kerf and saw bodies optimized for small tips that reduce cutting pressures while increasing cutting performance and extending saw life.

All G-Force blades are balanced, trued, and tensioned for high-performance under harsh conditions. Disposable G-Force blades never need resharping, are more affordable than other blades, and provide increased performance.

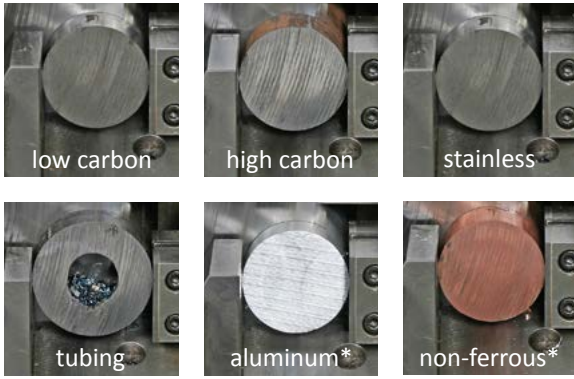


Advantages of G-Force

- *Designed to your exact machine specifications for highest performance and reduced costs*
- *High quality cuts with minimum burrs*
- *Exceptional saw blade life*
- *Direct reduction in chips to evacuate*
- *Less material removed - reduces waste*
- *Requires less machine maintenance*
- *Quiet operation (Approx. 80 dB(A))*



Application Guides for G-Force Blades



*aluminum and non-ferrous are by special order.

CM – Cermet For mild and low carbon steel.

TC – Carbide For high carbon steel, carbon content greater than 0.4%.

CTC – Coated Carbide Reduces friction cutting high carbon steel

SS – For cutting stainless steel.

1. Use the Workpiece Materials tables below to identify the material you will be cutting and recommended cutter type.

2. Use the Material/Saw Diameter/Teeth table to determine saw diameter and teeth.

3. Use the Saw Diameters by Machine table for saw diameter for your exact machine. Contact your rep if you need assistance.

1. Workpiece Materials to Cutter Types

Workpiece Material	Cutter Type
mild & low carbon steel	● CM – Cermet
high carbon steel with a carbon content greater than 0.4%	● TC – Carbide
high carbon steel with a carbon content greater than 0.4%	○ CTC – Coated Carbide
stainless steel	● SS – Special Blade

AISI	CM	TC	CTC	SS
1010	●			
1015	●			
1020	●			
1025	●			
1035	●			
1045		●	○	
1050		●	○	
1055		●	○	
4130	●			
4135	●			
4140		●	○	
5015	●			
5120	●			
5135	●			
5140		●	○	

AISI	CM	TC	CTC	SS
8620	●			
4320	●			
4340		●	○	
1524	●			
1536	●			
52100		●	○	
303				●
304				●
316				●
321				●
403				●
410				●
720				●
430				●
434				●

AISI = American Iron and Steel Institute materials

● Good ○ Best

2. Material/Saw Diameter/Teeth

Material Thickness	Saw Dia.	Teeth
35mm-50mm	250	54
30mm-45mm		60
20mm-40mm		72
30mm-70mm	285	60
20mm-60mm		72
10mm-50mm		80
40mm-100mm	360	60
30mm-75mm		80
25mm-50mm		100
45mm-110mm	420	60
35mm-80mm		80
30mm-65mm		100
85mm-145mm	460	40
70mm-110mm		60
45mm-90mm		80
100mm-170mm	580	60
80mm-120mm		80
60mm-100mm		100

3. Saw Diameters by Machine Manufacturer

Saw Blade Diameter (mm)	250	285	360	425	460	560	580
Noritake		NCS-2/65	NCS-2/100		NCS-2/150	.059"	
Tsune	TK5C-50GL	TK5C-70GL	TK5C-100GL(101GL)				TK5C-160GL
Nishijimax	NHC-050NA	NHC-070NA	NHC-100NA		NHC-150NA	NHC-180NA	
Kasto / Wagner	WAC-70	WAC-70	SPEEDC14	SPEEDC14			
Amada		CM-65AN	CM-100AN				
Everising		P-65A	P-100A		P-150A		
Kaltenbach			KMR-100AP				

Your NAPGLADU representative is a great source for technical assistance and application advice.

How to Order G-Force Blades

1. Use the material guides to identify the correct cutter type for your material. CM - Cermet, TC - Carbide, CTC - Coated Carbide, SS - Stainless
2. Use the saw guide tables to determine correct blade diameter and teeth count for your material.
3. Use the Color Coded tables on this page to select the correct cutter type, saw diameter and number of teeth for your machine and material.

Machine Mfg. Color Codes

BLUE = Nishijimax – Tsune – Kental	YELLOW = Amada (CM 65AN)
BROWN = Nishijimax – Tsune	ORANGE = Nishijimax
GREEN = Amada (CM 65AN)	RED = Tsune
PURPLE = Nishijimax – Tsune – Kasto – Sinico	

CM - Cermet Part No.	TC - Carbide Part No.	CTC - Coated Part No.	SS - Stainless Part No.	Diameter (D)	Kerf (K)	Plates (T)	Bore Size (B)	Teeth (Z)	Pin Holes
GF255432CM	GF255432TC	GF255432CTC	GF255432SS	250mm	2.0mm	1.7mm	32mm	54	4/11/63
GF256032CM	GF256032TC	GF256032CTC	GF256032SS	250mm	2.0mm	1.7mm	32mm	60	4/11/63
GF257232CM	GF257232TC	GF257232CTC	GF257232SS	250mm	2.0mm	1.7mm	32mm	72	4/11/63
GF258032CM	GF258032TC	GF258032CTC	GF258032SS	250mm	2.0mm	1.7mm	32mm	80	4/11/63
GF2510032CM	GF2510032TC	GF2510032CTC	GF2510032SS	250mm	2.0mm	1.7mm	32mm	100	4/11/63
GF285432CM	GF285432TC	GF285432CTC	GF285432SS	285mm	2.0mm	1.7mm	32mm	54	4/11/63
GF286032CM	GF286032TC	GF286032CTC	GF286032SS	285mm	2.0mm	1.7mm	32mm	60	4/11/63
GF287232CM	GF287232TC	GF287232CTC	GF287232SS	285mm	2.0mm	1.7mm	32mm	72	4/11/63
GF288032CM	GF288032TC	GF288032CTC	GF288032SS	285mm	2.0mm	1.7mm	32mm	80	4/11/63
GF2810032CM	GF2810032TC	GF2810032CTC	GF2810032SS	285mm	2.0mm	1.7mm	32mm	100	4/11/63
GF2812032CM	GF2812032TC	GF2812032CTC	GF2812032SS	285mm	2.0mm	1.7mm	32mm	120	4/11/63
GF285440CM	GF285440TC	GF285440CTC	GF285440SS	285mm	2.0mm	1.75mm	40mm	54	4/11/80
GF286040CM	GF286040TC	GF286040CTC	GF286040SS	285mm	2.0mm	1.75mm	40mm	60	4/11/80
GF287240CM	GF287240TC	GF287240CTC	GF287240SS	285mm	2.0mm	1.75mm	40mm	72	4/11/80
GF288040CM	GF288040TC	GF288040CTC	GF288040SS	285mm	2.0mm	1.75mm	40mm	80	4/11/80
GF2810040CM	GF2810040TC	GF2810040CTC	GF2810040SS	285mm	2.0mm	1.75mm	40mm	100	4/11/80
GF2812040CM	GF2812040TC	GF2812040CTC	GF2812040SS	285mm	2.0mm	1.75mm	40mm	120	4/11/80
GF366050CM	GF366050TC	GF366050CTC	GF366050SS	360mm	2.6mm	2.25mm	50mm	60	4/16/80
GF367250CM	GF367250TC	GF367250CTC	GF367250SS	360mm	2.6mm	2.25mm	50mm	72	4/16/80
GF368050CM	GF368050TC	GF368050CTC	GF368050SS	360mm	2.6mm	2.25mm	50mm	80	4/16/80
GF3610050CM	GF3610050TC	GF3610050CTC	GF3610050SS	360mm	2.6mm	2.25mm	50mm	100	4/16/80
GF3612050CM	GF3612050TC	GF3612050CTC	GF3612050SS	360mm	2.6mm	2.25mm	50mm	120	4/16/80
GF366040CM	GF366040TC	GF366040CTC	GF366040SS	360mm	2.6mm	2.25mm	40mm	60	4/11/90
GF367240CM	GF367240TC	GF367240CTC	GF367240SS	360mm	2.6mm	2.25mm	40mm	72	4/11/90
GF368040CM	GF368040TC	GF368040CTC	GF368040SS	360mm	2.6mm	2.25mm	40mm	80	4/11/90
GF3610040CM	GF3610040TC	GF3610040CTC	GF3610040SS	360mm	2.6mm	2.25mm	40mm	100	4/11/90
GF3612040CM	GF3612040TC	GF3612040CTC	GF3612040SS	360mm	2.6mm	2.25mm	40mm	120	4/11/90
GF466050CM	GF466050TC	GF466050CTC	GF466050SS	460mm	2.7mm	2.25mm	50mm	60	4/21/90
GF467250CM	GF467250TC	GF467250CTC	GF467250SS	460mm	2.7mm	2.25mm	50mm	72	4/21/90
GF468050CM	GF468050TC	GF468050CTC	GF468050SS	460mm	2.7mm	2.25mm	50mm	80	4/21/90
GF4610050CM	GF4610050TC	GF4610050CTC	GF4610050SS	460mm	2.7mm	2.25mm	50mm	100	4/21/90
GF4612050CM	GF4612050TC	GF4612050CTC	GF4612050SS	460mm	2.7mm	2.25mm	50mm	120	4/21/90
GF586080CM	GF586080TC	GF586080CTC	GF586080SS	580mm	3.2mm	2.6mm	80mm	60	4/22/120
GF588080CM	GF588080TC	GF588080CTC	GF588080SS	580mm	3.2mm	2.6mm	80mm	80	4/22/120