

JEPSON POWER®
GERMANY
Leading Through Innovation



Advanced technology through more than 30 years of experience

03 2020

www.jepsonpower.com



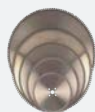
Content



Dry Cutter Machines



Carbide tipped saw blades for construction site



Carbide tipped saw blades for industrial use



NSF saw blades with special coating for cutting stainless steel



Impact resistant, extra thin LBS saw blades



Training and consulting service

Jepson Power Inc.

With more than 30 years of experience and machines sold worldwide in more than 80 countries, Jepson Power Inc. is a solid choice when it comes to metalcutting.

Jepson Power Inc. is not only specialized for steel cutting but also for cutting material made of aluminum, grading, rebar, insulated panels, doorpanels and much more.

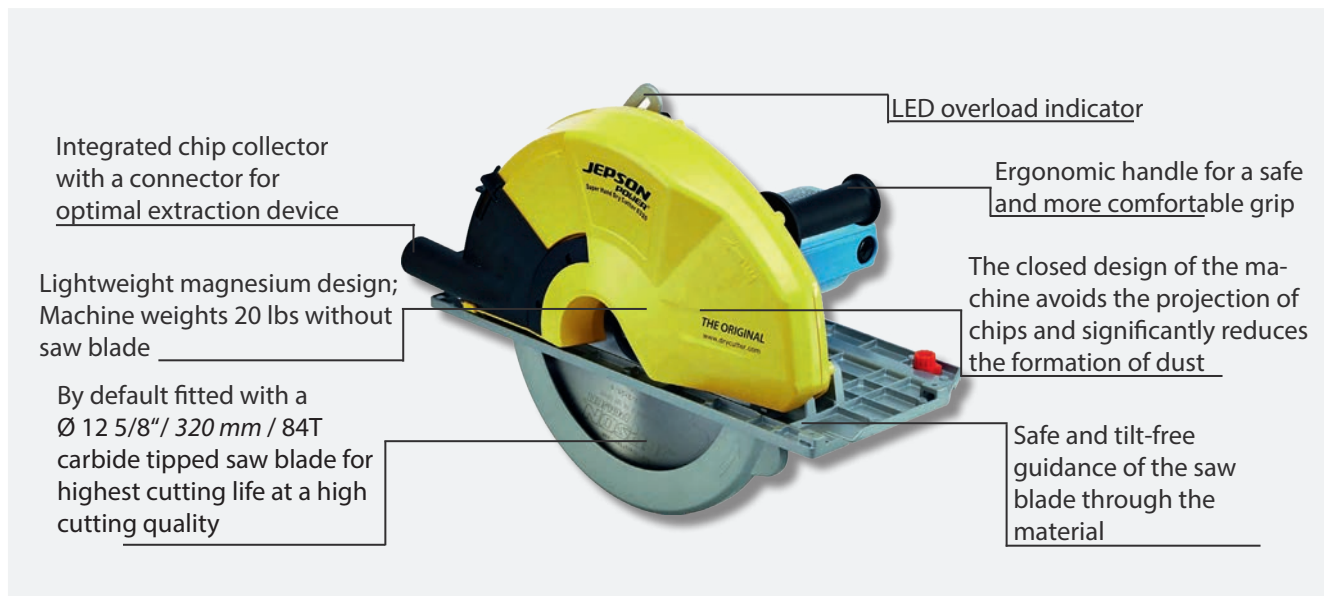
Thanks to our trained product advisors and a R & D Testing Center in Germany, we can work on your samples and offer you a good solution for almost any cutting problem.


Super Hand Dry Cutter 8320 - BIG²



Super Hand Dry Cutter 8320 with 12 5/8"/84T saw blade

Ideal for cutting **sandwich panels**, trapezoidal sheets, trunking and cable ducting, steel pipes and nonferrous metals, composite materials and much more up to a cutting depth of 4 3/4" / 120 mm on guide rail.



Specifications	SHDC 8320	Description	Reference
Power input	15 amps	SHDC 8320 delivered with Ø 12 5/8" / 320 mm/84T saw blade	608270US
No load speed	1.700 rpm	Accessories & Saw blades	
Blade size	Ø 12 5/8" / 320 mm	Cutting guide rail 4ft 7" / 1.400 mm	608275D
Net weight	20 lbs	Carbide tipped saw blade Ø 12 5/8"/320 mm/84T	608276
		Carbide tipped saw blade Ø 12 5/8"/320 mm/72T	608278
		CT saw blade Ø 12 5/8"/320 mm/84T steel and stainless steel - food and construction - COATED	608276NSF

Hand Dry Cutter 8230N - the mobile²



Hand Dry Cutter 8230N with 8"/ 48T saw blade

Ideal for cutting **metal sheets, sandwich panels, stainless steel, trapezoidal sheets, steel pipes & profiles, nonferrous metals and composite materials**, optional with impact resistant LBS saw blade.

Strong and light construction - only 16 lbs!

The closed design of the machine avoids the projection of chips and significantly reduces the formation of dust

By default fitted with a Ø 9"/ 230 mm/ 48T carbide tipped saw blade for highest cutting life at a high cutting quality
- Max. cutting depth 3"/ 82 mm -



Ergonomic handle for a safe and more comfortable grip

Safe and tilt-free guidance of the saw blade through the material

Specifications		HDC 8230N	Description	Reference
Power input		17 amps	HDC 8230N delivered with Ø 9"/230 mm/48T saw blade for stainless steel	608280IUS
No load speed		2.600 rpm	HDC 8230N with 9"/230 mm/48T saw blade for stainless steel + adjustable cutting guide rail with integrated clamping system	608280IUSET
Blade size		Ø 9"/230 mm	Accessories & Saw Blades	
Net weight		16 lbs	Cutting guide rail with integrated clamping system (24" / 600 mm - 47" / 1.200 mm)	208284
Max. cutting capacities in mm			CT saw blade Ø 9"/230 mm/48T	2123048
90°	45°		CT saw blade Ø 9"/230 mm/48T steel & stainless steel	72123048I
3.228"	2.204"	Cutting depth	CT saw blade Ø 9"/230 mm/48T steel and stainless steel - food and construction - COATED	72123048NSF
3.228" x .393"	2.204" x .314"	Angle	CT saw blade Ø 9"/230 mm/60T - aluminum	72123060
3.228" x .196"	2.204" x .157"	Square	CT saw blade Ø 9"/230 mm/68T- thin walled material	72123068
3.228" x .196"	2.204" x .157"	Round	CT saw blade Ø 9"/230 mm/84T - thin sheets	72123084
.393"	.314"	Plane	LBS saw blade Ø 9"/230 mm/60T - metal grids	72223060

Adjustable cutting guide rail with integrated clamping system



Adjustable cutting guide rail for HDC 8230N

Ideal for clean and straight cutting of metal grids, sandwich panels, multiple profiles, metal pipes and other materials.

Benefits:

- Easy and fast adjustment of the clamping range (24" / 600 mm up to 47" / 1.500 mm)
- Tool-free fixing of material to cut
- Secured & jam-free guidance of the saw blade through the material

With the impact resistant LBS saw blade (cutting width only 0.055") the Hand Dry Cutter 8230N achieves the best results.

Cutting depth: 3.149" / 80 mm with rail -
3.228" / 82 mm without rail.

Bevel cut only without guide rail.

Discription	Reference	Net weight
Cutting guide rail with integrated clamping system (24" / 600 mm - 47" / 1.200 mm)	208284	16 lbs

Premium Super Dry Cutter 9435 - the reference



Premium Super Dry Cutter 9435 with 14"/ 90T saw blade

Ideal for cutting ferrous and non-ferrous metal tubes, pipes and profiles made of mild steel, stainless steel, aluminum, plastic and composite materials.

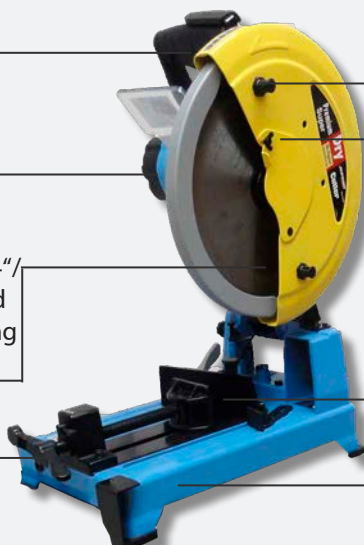


Ergonomic handle with integrated mechanical unlocking and softstart

High torque motor for continuous operation

By default fitted with a Ø 14"/ 355 mm/ 90T carbide tipped saw blade for highest cutting life at a high cutting quality

Quick release for a comfortable use at serial cuts



Vibration dampers for a better cutting surface and long cutting life

Tool-free access (fast change of saw blade)

Miter Cut for a tool-free operation

New reinforced base plate with integrated rubber feet for a stable, non-slip stand

Specifications		PSDC 9435	Description	Reference
Power input		17 amps	PSDC 9435 delivered with Ø 14"/355 mm/90T saw blade	600560UST3
No load speed		1.400 rpm	Accessories & Saw Blades	
Blade size		Ø 14"/355 mm	Stand for PSDC 9435	600526T3
Net weight		56 lbs	Thinfix - Clamping system for open profiles	600546
Max. cutting capacities in mm			Eccentric clamping system	609910
90°	45°		CT saw blade Ø 14"/355 mm/120T steel & stainless steel - extra thin	600512I
4.921" x 4.921"	3.149" x 3.149"	Square	CT saw blade Ø 14"/355 mm/90T steel & stainless steel - food and construction - COATED	600570NSF
4.133" x 6.102"	2.952" x 3.937"	Rectangular	CT saw blade Ø 14"/355 mm/90T steel & stainless steel - thin	600570S
			CT saw blade Ø 14"/355 mm/72T steel & stainless steel - medium	600580S
5.511"	4.724"	Round	CT saw blade Ø 14"/355 mm/60T steel & stainless steel - thick	600590
			CT saw blade Ø 14"/355 mm/60T - cast iron	600591S
			CT saw blade Ø 14"/355 mm/66T - mild steel	600595S
			CT saw blade Ø 14"/355 mm/96T - aluminum	600594

Accessories of Premium Super Dry Cutter 9435



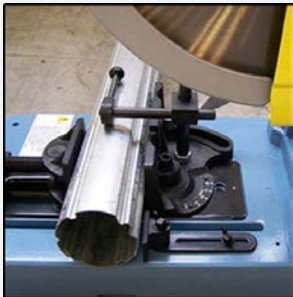
Stand for PSDC 9435 - Ref. 600526T3

For a clean and save work place | Adjustable material support | Length stopper with integrated scale up to 12"/ 300 mm | Adjustable feet to compensate irregularities on the floor



Thinfix - Clamping system for open profiles - Ref. 600546

Prevents deformation of the material during clamping | Reduces vibrations during sawing process | Improvement of cutting surface | Increases the cutting life



Eccentric clamping system - Ref. 609910

Simplifies the clamping of thin-walled profiles | Because the clamping pressure is applied by two separate systems, deformation of the workpiece is prevented

Special vice assembly for serial cutting - Ref. 1501128



1. push quick-release lever to the right



2. fix the material with spindle (one-time process)



3. after cutting, push quick-release lever to the left



4. place the next material into position



5. push lever to the right and start cutting. Following steps: 3 - 4 - 5

Dry Miter Cutter 9410ND - The versatile

Dry Miter Cutter 9410ND with 10"/ 60T saw blade
- The perfect solution for dry wall construction! -

Ideal for cutting tubes and profiles made of **stainless steel**, steel, non ferrous metal, plastic and composite materials

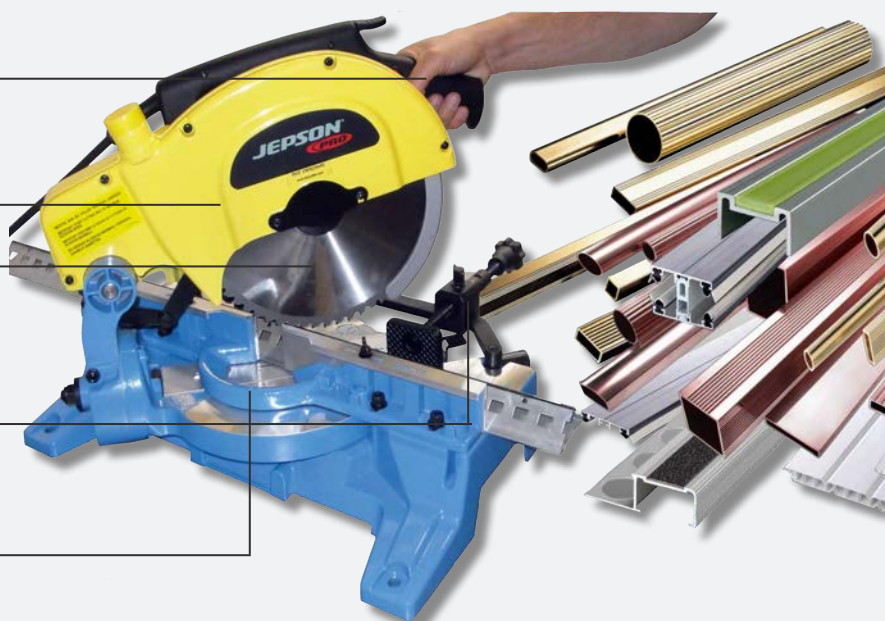
Ergonomic handle with integrated mechanical unlocking and softstart

Robust aluminum construction, strong and light: only 42 lbs!

By default fitted with a Ø 10"/ 255 mm/ 60T carbide tipped saw blade for highest cutting life at a high cutting quality

Secure fixing with double 3-step quick release system

Adjustable miter cut of -45° - 0° - +45°



Specifications		DMC 9410ND	Description	Reference
Power input		15 amps	DMC 9410ND delivered with Ø 10"/255 mm/60T saw blade	600651US
No load speed		1.600 rpm	Accessories & Saw Blades	
Blade size		Ø 10"/255 mm	Stand for DMC 9410ND	600599
Net weight		42 lbs	Fixation set „K“ for tubes Ø 30 mm up to 70 mm	600653
Max. cutting capacities with vice in mm			CT saw blade Ø 10"/255 mm/60T steel & stainless steel - food and construction - COATED	600654NSF
90°	45°		CT saw blade Ø 10"/255 mm/60T - mild steel	600598S
3.937" x 2.755"	2.362" x 2.362"	Rectangular	CT saw blade Ø 10"/255 mm/66T - thin steel	600654S
2.755" x 2.755"	2.362" x 2.362"	Square	CT saw blade Ø 10"/255 mm/80T - aluminum	600655A
2.755"	2.362"	Round	LBS saw blade Ø 10"/255 mm/66T - metal grids	72225566

Accessories of Dry Miter Cutter 9410ND



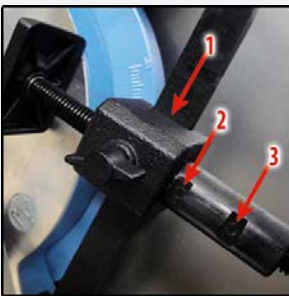
Stand for DMC 9410ND - ref. 600651US

For a clean and save work place | Adjustable material support | Adjustable feet to compensate irregularities on the floor



Fixation set „K“ - ref. 600653

For a safer and more stable sawing process | Fixation set „K“ for tubes Ø 1" / 30 mm up to 3" / 70 mm | Easy cutting of open profiles



Integrated 3-step quick release system

Secure fixing with double 3-step quick release system

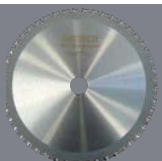
PVD coatings

PVD Coating	Surface Hardness	Oxidation temperature	Friction Coefficient	Description	Application	Processing	Line
Bronze	3500	800	0,2	Nanostructure shock resistant	steel, stainless steel	dry cutting	DRYTECH
Silver	3000	600	0,4	Abraison resistance	stainless steel, non-ferrous	dry cutting	DRYTECH
Gold	2800	600	0,5	Nanostructure Abraison resistant	aluminum with higher silicium content	micro lubrication	DRYTECH - ALU
Grey	3500	900	0,7	Nanostructure Anti-Oxydation resistance	steel, stainless steel, high tensile	micro lubrication	TH - LBS
Black	3900	900	0,7	Nanostructure Anti-Oxydation resistance	steel, stainless steel	dry cutting	DRYTECH



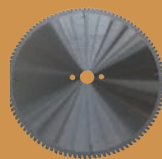
BRONZE

The natural substitute of BRONZE, is a multipurpose coating giving you a clear upgrade than a TIN coating due to the higher (HV) hardness and a lower friction coefficient.



SILVER

Best coating to cut stainless steels on semiautomatic and fully automatic machines. Can not be used on manual machines.



GOLD

Classic technology coating used to cut aluminum-silicium-compounds. Can not be used on Copper, Brass and Bronze.



GREY

Best coating to cut solids and pipes with oil mist. Can not be used to cut soft steels with abundant coolant.



BLACK

Best coating to cut hard materials with dry cutting. Also applicable to cut pipes and profiles.

DRYTECH[®] Dry - fast - burr free High-speed metal cutting saw blades - For construction site -

Carbide tipped saw blades achieve fast and nearly burr free cuts without coolant in:

steel, non-ferrous metals, plastics, composite materials

Benefits:

- Universal use on ALL circular saws and chopsaws
- Wide range of saw blades with adapter rings
- Very high durability
- Excellent cutting quality
- Thin walled with reduced noise
- Resharpenable

Range of Carbide-tipped Saw Blades

For construction site

Ø [in]	Arbor size [in/mm]	Kerf [in]	Teeth	Ref.	Application	Ø [in]	Arbor size [in/mm]	Kerf [in]	Teeth	Ref.	Application
6 1/3" / 160 mm	30*	0.070"	32	72016032	steel	10" / 255 mm	1"	0.079"	60	2550600002	steel
7" / 180 mm	30*	0.072"	36	72018036	steel	10" / 255 mm	1"	0.079"	66	2550661003	steel - thin
7" / 180 mm	20	0.072"	36	72118036	steel	12" / 305 mm	1"	0.087"	60	3050600002	steel
7" / 180 mm	20	0.072"	48	72118048S	steel	12" / 305 mm	1"	0.079"	72	3050720002C	steel & stainless steel
7" / 180 mm	20	0.079"	48	72	steel & stainless steel	12" / 305 mm	1"	0.118"	72	3050720003C	cast iron
7 5/8" / 192 mm	20	0.072"	40	719240	steel	12" / 305 mm	1"	0.087"	80	600540	steel - thin
7 5/8" / 192 mm	20	0.072"	48	719248	steel - thin	14" / 355 mm	1"	0.087"	120	600512I	steel & stainless - thin
7 5/8" / 192 mm	20	0.072"	48	719248A	aluminum	14" / 355 mm	1"	0.087"	90	3550901004	steel & stainless - thin
7 5/8" / 192 mm	20	0.072"	70	719270	metal sheets	14" / 355 mm	1"	0.087"	72	3550721003	steel & stainless - medium
7 1/4" / 184 mm	5/8"	0.072"	48	72118448	stainless steel	14" / 355 mm	1"	0.087"	60	600590	steel & stainless - thick
8" / 200 mm	30*	0.075"	40	72020040	steel	14" / 355 mm	1"	0.133"	96	3550960003	aluminum
8" / 200 mm	30*	0.075"	60	72020060	steel - thin	14" / 355 mm	1"	0.087"	66	3550660002	steel
8 1/4" / 210 mm	30*	0.079"	42	72021042	steel	16" / 405 mm	1"	0.098"	80	4050800002	steel
8 1/4" / 210 mm	30*	0.079"	64	72021064	steel - thin	16" / 405 mm	1"	0.098"	102	4051021003	steel and stainless steel
9" / 230 mm	30*	0.079"	48	72023048	steel	18" / 455 mm	2"	0.133"	100	4551000002	steel
9" / 230 mm	30*	0.079"	60	72023060	aluminum	18" / 455 mm	2"	0.133"	120	4551201003	steel and stainless steel
9" / 230 mm	30*	0.079"	68	72023068	steel - thin	22" / 560 mm	2"	0.141"	120	5601200002	steel
9" / 230 mm	1"	0.079"	48	72123048	steel	22" / 560 mm	2"	0.141"	132	5601321003	steel and stainless steel
9" / 230 mm	1"	0.079"	48	72123048Y	steel & stainless steel	22" / 560 mm	2"	0.141"	180	5601801004	steel and stainless steel
9" / 230 mm	1"	0.079"	60	72123060	aluminum	25" / 630 mm	2" / 60	0.157"	140	6301400002	steel
9" / 230 mm	1"	0.079"	68	72123068	steel - thin	25" / 630 mm	2" / 60	0.157"	150	6301501003	steel and stainless steel
9" / 230 mm	1"	0.079"	84	72123084	metal sheets	25" / 630 mm	2" / 60	0.141"	210	6302100003	steel
						28 1/4" / 730 mm	2" / 60	0.157"	210	7302100002	steel

* Reducing rings included: 30/.98", 30/20, 30/ 5/8"

Special sizes on request!



DRYTECH® high speed metal cutting saw blades for industrial production



Carbide tipped saw blades are suitable for high speed stationary semi-automatic and full automatic cutting units!

Fast cutting, burr free and without coolant of pipes and profiles made of:

steel, stainless steel, compound materials, aluminum and other non-ferrous metals.

Benefits:

- Shortest cycle times due to high cutting speed
- Material saving through thin cut technology with wall thickness starting from 0.019" / 0,5 mm
- Very high durability
- Excellent cutting quality
- Up to 5 times resharpenable

Specifications	
Saw blade diameter	5" - 28 1/4" [in]
Cutting capacity	Ø 1/4" - 9 1/2" [in]
Cutting speed	max. 1.800 [m/min]
Feed speed	max. 6.000 [mm/min]
Cutting width (kerf)	0.078" - 0.157" [in]
Center hole	Customer specific
Pin holes	Customer specific

Standard Range				
Ø [in]	Arbor [in/ mm]	Kerf	Teeth	Reference
16" / 405 mm	1"	0.098"	80	4050800002
16" / 405 mm	1"	0.098"	102	4051021003
18" / 455 mm	2"	0.133"	100	4551000002
18" / 455 mm	2"	0.133"	120	4551201003
22" / 560 mm	2"	0.141"	120	5601200002
22" / 560 mm	2"	0.141"	132	5601321003
22" / 560 mm	2"	0.141"	180	5601801004
25" / 630 mm	60	0.157"	140	6301400002
25" / 630 mm	60	0.157"	150	6301501003
25" / 630 mm	60	0.141"	210	6302100003

DRYTECH® DRY - FAST - BURR FREE Special coating for stainless steel

Specifications	
Material	Aluminium titanium chromium nitride, AITiCrN (Stacked)
Microhardness HV 0,05	3.000 +/- 300
Coefficient of friction against steel 100Cr6	0,4
Maximale operating temperature	800° C / 1.470° F
Thickness	2 - 4 µm

Standard Range				
Ø [in]	Arbor [in/ mm]	Kerf	Teeth	Reference
14" / 355 mm	1"	0.087"	90	600570NSF
12 5/8" / 320 mm	1"	0.087"	84	608276NSF
10" / 255 mm	1"	0.079"	66	600654NSF
9" / 230 mm	1"	0.079"	48	72123048NSF

The coating of NSF-saw blade

An aluminum-titanium-chromium-nitride coating, for special applications in cutting material which tends to stick.

Because of the smooth CrN-surface, the tendency for cold welding can be reduced significantly. The silver coloured coating has a high hardness and high oxidation resistance. This results in decisive advantages in machining of Al and non-ferrous alloys.

Benefits:

- Cutting of stainless steel
- Up to 3 times higher durability
- No tarnishing of materials
- Lower friction
- Lower cost than standard saw blades

LBS impact resistant metal cutting saw blades Ideal for cordless tools and power tools

Faster cutting • material saving • less finishing

Ideal for cutting metal grids and grates, trapezoidal sheets, metal profiles, conduits, shutter pipes and much more.

With 0.4" up to .59" LBS-blades are much thinner than conventional saw blades.

Therefore sawing with LBS-saw blades saves material and time!



Range of LBS-Saw Blades

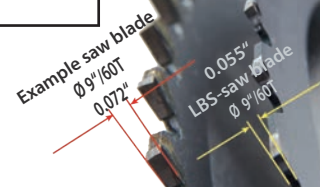
Ø [in/mm]	Kerf [in]	Blade body width [in]	Arbor size [in/mm]	Teeth	Reference	For Machine
5 3/8" / 137	0.040"	0.03"	20	30	72213730	Bosch, Makita, Milwaukee, Panasonic etc.
6" / 150	0.050"	0.037"	20	34	72215034	Makita, Milwaukee
6 1/2" / 165	0.050"	0.037"	20	40	72216540	Dewalt, Hilti, Metabo, Milwaukee etc.
6 1/2" / 165	0.050"	0.037"	5/8"	40	72216540M	Metabo, Bosch, Makita, Dewalt, Hilti, Milwaukee
7" / 180	0.050"	0.037"	20	48	72218048	Flex, Hitachi, Makita, Rexon etc.
7 1/4" / 184	0.050"	0.037"	5/8"	48	72218448	Bosch, Dewalt, Makita, Milwaukee, etc.
7 1/2" / 192	0.050"	0.037"	20	48	72219248	JEPSON Power, Makita etc.
8" / 203	0.050"	0.037"	1"	48	72220048	AEG, Bosch, JEPSON Power, Mafell etc.
9" / 230	0.055"	0.047"	1"	60	72223060	JEPSON Power HDC8230N
10" / 255	0.059"	0.047"	1"	66	72225566	JEPSON Power DMC 9410ND



Universal use also on all conventional cordless tools!



The brand names used by the respective companies are subject to general trademark, trademark or patent protection.



Stainless steel metal cutting saw blades Especially designed for cordless tools and power tools material saving • energy saving • faster cutting • less finishing

Stainless steel? Yes we can!

We now offer stainless steel saw blades for your cordless tools - exclusively produced by us!
Save material and battery power while achieving a cleaner and faster cut.



Range of INOX-Saw Blades

Ø [in/mm]	Kerf [in]	Blade body width [in]	Arbor size [in/mm]	Teeth	Reference	For Machine
5 3/8" / 137	0.059"	0.051"	20	30	72113730I	Bosch, Makita, Milwaukee, Panasonic etc.
6" / 150	0.059"	0.051"	20	42	72115042I	Makita, Milwaukee
6 1/2" / 165	0.067"	0.055"	20	48	72116548I	Dewalt, Hilti, Metabo, Milwaukee etc.

Training and consulting

You have the task, we have the tools!



Face-to-Face Consulting

Because we have specialized solutions for cutting metal and stainless steel, we like to share as much as possible detailed information about our products.

It is also important to be able to ask the right questions about specific material cutting.

At demodays, technical training days and trades-hows we like sharing this information with you to offer you the best possible solution for your cutting problems.

Life Product Demonstrations

Whenever we can, we reach out to our customers to perform a demonstration on the construction site.

This way we can definitely get better results of finding a solution for your problems.



Always Present on the Most Important Events

We try to participate as much as possible to trades-hows and important specialized events. Connecting face-to-face with our customers and distributors is for us a very important factor in business.

Notes:

**We have the metal dry cutting solution
you are looking for!**

JEPSON POWER[®]
GERMANY
Leading Through Innovation

90 Grand Avenue
Hackensack, NJ 07601, 4900 USA
Phone: 201-916-4709
sales@jepsonpower.com

www.jepsonpower.com
www.jepsonpower.com/shop

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