



DRYTECH[®]- METAL CUTTING SAW BLADES

dry - fast - burr free

Our carbide and cermet-tipped saw blades are ideally suited for all (hand-held) circular and miter saws as well as high-speed stationary, semi and fully automatic saws.

Fast cutting, burr free and without coolant of pipes and profiles made of:
Steel, stainless steel, plastics, compound materials, aluminum and other non-ferrous metals.

The DryTech[®] saw blades can saw different material and shape areas due to a large number of different geometries: cladding, pipes, sealing profiles, sandwich elements, composites, window profiles and ventilation profiles, etc. The special tooth shape guarantees a perfect cutting surface and a long service life of the saw blades.

- Environmentally friendly thanks to dry cutting technology
- Shortest cycle times thanks to high cutting speed
- Material savings through thin-cutting technology
- with wall thicknesses from 0,01" / 0.5 mm
- Flexible application in different materials and shapes
- Laser slots filled with synthetic resin reduce noise
- Very high durability
- Excellent cut quality
- Can be resharpened up to 5 times

Vibration during the cut:

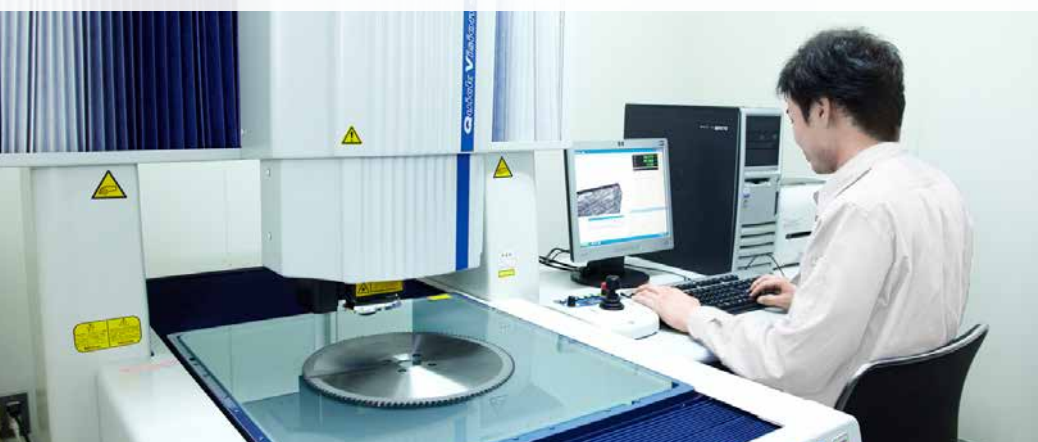
Jepson Power saw blade 14"/355 mm/90T



Other saw blades



Research & Development



Soldering the carbide teeth



Lasing the segments



Sharpening process



Hardening by heat treatment



Continuous quality control



DRYTECH[®] HIGH-SPEED METAL CUTTING SAW BLADES
INDUSTRY & CONSTRUCTION



Ø in/mm	Bore	Kerf	Teeth	Max. rpm	Application	Reference
5 3/8"/137	0.78"	0,059	30	4.000	stainless steel	72113730I
6"/150	0.78"	0,059	42	4.000	stainless steel	72115042I
6 1/4"/160	1.18 ^{***}	0,071	32	4.200	steel	72016032
6 1/2"/165	0.78"	0,067	48	4.000	stainless steel	72116548I
7"/180	0.78"	0,073	36	4.000	steel	72118036
7"/180	0.78"	0,063	48	4.000	steel	72118048S
7"/180	0.78"	0,079	48	4.000	steel & stainless steel	72118048YS
7 1/2"/192	0.78"	0,073	40	4.000	steel	719240
7 1/2"/192	0.78"	0,073	48	4.000	steel (thin)	719248
7 1/2"/192	0.78"	0,073	48	4.000	aluminum	719248A
7 1/2"/192	0.78"	0,073	70	4.000	metal sheets	719270
8"/200	1.18 ^{***}	0,075	40	3.800	steel	72020040
8"/200	1.18 ^{***}	0,075	60	3.800	steel (thin)	72020060
8"/203	1"	0,075	42	3.800	stainless steel	72120342I
8"/203	1"	0,075	48	3.800	aluminum	72120048A
8"/203	1"	0,067	54	3.800	stainless steel	72120048A
8"/203	1"	0,075	70	3.800	steel (thin wall)	72120070
8 1/4"/210	1.18 ^{***}	0,079	42	3.600	steeel	72021042
8 1/4"/210	1.18 ^{***}	0,079	64	3.600	steel (thin wall)	72021064
9"/230	1.18 ^{***}	0,079	48	3.000	steel	72023048
9"/230	1.18 ^{***}	0,079	60	3.000	aluminum	72023060
9"/230	1.18 ^{***}	0,079	68	3.000	steel (thin)	72023068
9"/230	1"	0,079	48	3.000	steel	72123048
9"/230	1"	0,079	48	3.000	steel & stainless steel	72123048I
9"/230	1"	0,079	60	3.000	aluminum	72123060
9"/230	1"	0,079	68	3.000	steel (thin)	72123068
9"/230	1"	0,079	84	3.000	metal sheets	72123084
10"/255	1"	0,079	60	2.200	steel	600598
10"/255	1"	0,079	66	2.200	steel (thin)	600654
10"/255	1"	0,079	80	2.200	aluminum	600655A
12"/305	1"	0,079	60	1.800	steel	600530
12"/305	1"	0,079	60	1.800	steel & stainless steel	600530 40
12"/305	1"	0,079	60	1.800	cast iron	600535
12"/305	1"	0,079	80	1.800	steel (thin)	600540
12 5/8"/320	1"	0,079	84	1.800	steel	608276
12 5/8"/320	1"	0,079	72	1.800	steel (thick)	608278
14"/355	1"	0,079	120	1.800	stainless- & steel (thin)	600512I
14"/355	1"	0,079	90	1.800	steel & stainless steel	600570
14"/355	1"	0,079	72	1.800	steel & stainless steel	600580
14"/355	1"	0,079	60	1.800	steel & stainless steel	600590
14"/355	1"	0,079	60	1.800	cast iron	600591
14"/355	1"	0,079	66	1.800	steel	600595
14"/355	1"	0,079	96	3.500	aluminum	600594

* Reducing rings included (1,181"/0,984", 1,181"/0,787", 1,181"/0,629")
(30/25, 30/20, 30/16)



ECO-Friendly
Our dry cutting technology eliminates the need for lubricants.
Sawing with our saw blades is therefore particularly environmentally friendly.

Our carbide-tipped saw blades saw quickly, burr free and **without cooling**:

- Steel
- Non-ferrous metals
- Plastic
- Composites
- Stainless steel

Universally applicable on hand-held circular saws, miter saws and stationary machines.

- Very high durability
- Excellent cutting quality
- Short cutting times
- Thin-walled
- Noise reduced thanks to laser slots filled with synthetic resin
- Can be resharpened up to 5 times



Technical Data	
Saw blade diameter	5 3/8" - 14" 137 - 355 mm
Max. rotational speed	1.800 - 4.200 rpm
Cutting width	0.059" - 0.086" 1,50 - 2,20 mm
Pin holes	Customized

FOR INDUSTRIAL USE



DRYTECH[®] Carbide or cermet 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
- plastics
- compound materials
- other non-ferrrous metals

- Shortest cycle times due to high cutting speed
- Material saving through thin cut technology with wall thickness starting from 0,01" / 0.5 mm
- Very high durability
- Excellent cutting quality
- Up to 5 times resharpenable
- Low set-up costs
- Cost-effective

Ø in/mm	Bore in/mm	Cutting width in/mm	Teeth	Reference
16"/405	1"/25,4	0.098"/2,5	80	4050800002
16"/405	1"/25,4	0.098"/2,5	102	4051021003
18"/455	1.96"/50,0	0.133"/3,4	100	4551000002
18"/455	1.96"/50,0	0.133"/3,4	120	4551201003
22"/560	1.96"/50,0	0.141"/3,4	120	5601200002
22"/560	1.96"/50,0	0.141"/3,4	132	5601321003
22"/560	1.96"/50,0	0.141"/3,4	180	5601801004
25"/630	2.36"/60,0	0.157"/4,0	140	6301400002
25"/630	2.36"/60,0	0.157"/4,0	150	6301501003
25"/630	2.36"/60,0	0.141"/3,6	210	6302100003

* Special sizes on request

Technical Data	
Saw blade diameter	16" - 25" /405 - 630 mm
Cutting capacity	Ø 0.24" - 9.49" / 6-240 mm
Max. rotational speed	1.800 m/min
Max. saw blade feed	6.000 mm/min
Cutting width	0.09" - 0.16"/2,5-4,0 mm
Centre bore	Customized
Pin bore	Customized