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ISO9001:2008 CERTIFIED COMPANY

BORN TO BE POWERFUL SAWS



POWER SAW Inc.



PS SERIES

Features

Carbide tips are excellent at cutting performance & wear resistance so these make saws able to cut materials at the speed of 60-270(m/min). Besides, tips can be re-grinded and used again.



***Saws can be custom-made to suit your own requirements**

Application	Material of Edge	Recommended Cutting Condition	Materials	Description	Lubricant
Solid	Cermet	Vc = 60 m/min - 110 m/min fz = 0.04 mm - 0.06 mm	Carbon Steel (0.25%~ 0.45%), Alloy Steel	Clean cut with accuracy	O, X
Solid & Tube	Coated Tungsten Carbide	Vc = 60 m/min - 110 m/min fz = 0.04 mm - 0.06 mm	High Carbon Steel (over 0.4%), Special Purpose Steel, Alloy Steel	High Performance, Universal Application	O, X
Solid	Coated Tungsten Carbide	Vc = 40 m/min - 60 m/min fz = 0.03 mm - 0.05 mm	Stainless Steel	Special Coating up to 100% longer tool life	O, X
Steel sheet	Coated Tungsten Carbide	Vc = 50 m/min - 70 m/min fz = 0.04 mm - 0.06 mm	Steel Sheet	Special Coating up to 100% longer tool life	O, X
Solid & Tube	Coated Tungsten Carbide	Vc = 180 m/min - 270 m/min fz = 0.04 mm - 0.07 mm	Carbon Steel(over 0.3%), Alloy Steel	High Speed and High Productivity	O, X
Solid & Tube	Coated Tungsten Carbide	Vc = 180 m/min - 270 m/min fz = 0.04 mm - 0.07 mm	Carbon Steel(over 0.25%), Alloy Steel	High Speed and High Productivity	O, X
Tube	Cermet	Vc = 90 m/min - 180 m/min fz = 0.02 mm - 0.05 mm	Carbon Steel, Alloy Steel	Clean cut with accuracy	O, X
Thin Tube	Cermet	Vc = 90 m/min - 180 m/min fz = 0.02 mm - 0.04 mm	Carbon Steel(over 0.25%), Alloy Steel *Tensile strength (400-800N/mm2)	Clean cut for thin application without deformation	O, X
Thin Tube	Coated Tungsten Carbide	Vc = 180 m/min - 270 m/min fz = 0.02 mm - 0.04 mm	Carbon Steel(under 0.25%), Alloy Steel *Tensile strength (400-800N/mm2)	Clean cut for thin application without deformation	O, X



Nonferrous Metal Cutting Saws

PS C SERIES

Features

These saws give accurate clean cuts at a high speed so welding works could be done without removing burrs.
Suitable for aluminum, copper and stainless steel



*Saws can be custom-made to suit your own requirements

Diameter (mm)	Thickness (mm)		Bores and Pinholes	Pitch / No. of teeth								Max. Cutting Capacity	
				50	60	70	80	90	100	110	120	●	■
275		2.5	25.4			12	11	10	9	8	7	90	80
315	2.5	3.0	25.4			14	12	11	10	9	8	100	95
400	2.8	3.5	25.4			16	14	12	11	10	9	105	100
420	3.0	3.5	25.4			18	16	14	12	11	10	125	115
420	3.0	3.5	32			19	17	15	13	12	11	135	120
450	3.5	4.0	40			20	18	16	14	13	12	140	125
500	4.0	4.5	40			22	20	17	16	14	13	135	150
570	4.5	5.0	50 4x18x100			26	22	20	18	16	15	170	155



Wood Cutting Saws

PSW SERIES

Features

These saws used for wood cutting give accurate clean cuts at a high speed with low noise levels.



*Saws can be custom-made to suit your own requirements

	Application	Diameter(mm)	Cutting Width (mm)	No. of Teetb	R. P. M
R type	Ripping of General Wood Cross-Cutting of General Wood	150 ~ 1000	2.8 ~ 5.0	40 ~ 180	3500 ~ 000
TRP type	Ripping of General Wood Cross-Cutting of General Wood Gang Ply Wood	150 ~ 1000	2.0 ~ 6.0	40 ~ 180	3500 ~ 5000
G type	Ripping of General Wood Gang Ripper	255 ~ 455	2.0 ~ 3.0	24 ~ 40	4000 ~ 6000



Panel Cutting Saws



◎ PSP SERIES

Features

These saws containing special materials reduce the noise, prevent their bodies from loosening and are strong at long term use.



※Saws can be custom-made to suit your own requirements

Model	Diameter(mm)	Thickness(mm)	Cutting Width (mm)	Bore(mm)	Degree(°)	No. of Teeth
PSP-0010	185	1.7	2.2	19	5	30
PSP-0011	185	1.7	2.2	19	5	34
PSP-0012	230	1.9	2.4	25.4	5	50
PSP-0013	230	1.9	2.4	25.4	5	60
PSP-0014	255	2.0	2.5	25.4	5	80
PSP-0015	355	2.2	2.7	25.4	5	80



Acryl Cutting Saws



◎ PSA SERIES

Features

These saws are exclusively used for acryl materials and offer clean cuts



※Saws can be custom-made to suit your own requirements

Model	Diameter(mm)	Thickness(mm)	Cutting Width (mm)	Bore(mm)	Degree(°)	No. of Teeth
PSR-0010	203	1.1	1.5	25.4	15~20	70
PSR-0011	255	1.3	2.0	25.4	15~20	80
PSR-0012	255	1.3	2.0	25.4	15~20	90
PSR-0013	255	1.7	2.4	25.4	15~20	80
PSR-0014	305	1.8	2.6	25.4	15~20	90
PSR-0015	305	2.0	2.8	25.4	15~20	60
PSR-0016	305	2.0	2.8	25.4	15~20	80
PSR-001	305	2.0	2.8	25.4	15~20	100



Manufactured by

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