



# SAW MAN-X

## HIGH PERFORMANCE PARTING SYSTEM

Ultra stable clamping for maximum rigidity and precision in high feed parting and deep grooving.

✓ **1ST CHOICE FOR HIGH PERFORMANCE PARTING OFF**

✓ **DELIVERS UNMATCHED STABILITY**

✓ **EXCEPTIONAL CHIP CONTROL**

✓ **OUTSTANDING TOOL LIFE**

✓ **UNIQUE 3-WAY CLAMPING**

### Free Next Day Delivery

On orders above £59\*

### Expert Technical Support

Available 5 days a week

### Same Day Despatch

Order before 5.30pm

**2X FREE  
BLADES**

**WHEN YOU BUY 30  
INSERTS**

**CUTWEL.CO.UK**

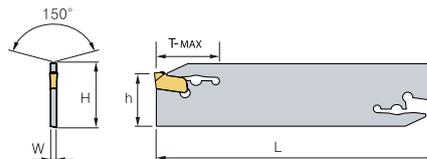
**SALES@CUTWEL.NET**

**03330 389849**

# BUY 30 INSERTS & GET 2 FREE BLADES

## SAWMAN-X PARTING BLADE

- Exceptional chip control in high feed parting
- Stable performance during large depth of cut
- 3 point clamping design secures the insert, preventing pull out
- Reduced vibration increases stability during machining
- Insert wrench included with blade



H Blade Height	h	L	W	T-Max	Insert Width mm	Blade Series	Order Code			Wrench (Spare)
							Parting Blade	List Price	Insert	
26	21	110	1.6	25	2	KSPB 2026	1-06-056533	£67.29	KSP200-020	CW08
			2.4	36	3	KSPB 3026	1-06-057070		KSP300-020	
			3.2	36	4	KSPB 4026	1-06-056534		KSP400-025	
32	25	150	1.6	26	2	KSPB 2032	1-06-056563	£67.29	KSP200-020	CW08
			2.4	60	3	KSPB 3032	1-06-056564		KSP300-020	
			3.2	60	4	KSPB 4032	1-06-056565		KSP400-025	

## SAWMAN-X PARTING INSERTS

- Exceptional chip control in high feed parting
- Ultimate stability during deep grooving & parting applications
- Neutral or right hand geometry



Type	Width	Designation Neutral	Order Code: Neutral			Designation Right Hand	Order Code: Right Hand			List Price
			PC5300	PC3035	PC8110		PC5300	PC3035	PC8110	
N 1st choice for steel & cast iron	2	KSP200-020-N	1-02-071342	1-02-073832	1-02-073829	KSP200R-6D-N	1-02-079615	1-02-081171	1-02-081170	£8.38
	3	KSP300-020-N	1-02-069098	1-02-073833	1-02-073830	KSP300R-6D-N	1-02-078183	1-02-079151	1-02-081173	£9.80
	4	KSP400-025-N	1-02-071344	1-02-073834	1-02-073831	KSP400R-6D-N	-	1-02-081178	1-02-081177	£10.16
S Dedicated for Stainless & Exotics	2	KSP200-020-S	1-02-080654	-	1-02-080655	-	-	-	-	£8.38
	3	KSP300-020-S	1-02-077266	-	1-02-077136	-	-	-	-	£9.80
	4	KSP400-025-S	1-02-080656	-	1-02-080657	-	-	-	-	£10.16

## STANDARD PARTING BLADE BLOCKS

- Compatible with 26mm & 32mm parting blades



Shank	Blade Height	Order Code	List Price
16	26	SMBB16-26	£88.25
20	26	SMBB20-26	
20	32	SMBB20-32	
25	26	SMBB25-26	
25	32	SMBB25-32	
32	32	SMBB32-32	

## GRADE GUIDE

### PC5300

- Universal grade for machining of steel, stainless steel, cast iron and HRSA's
- Ultrafine TiAlN coated with excellent wear resistance and high hardness at extreme temperatures

### PC3035

- 1st choice grade for high performance parting and deep grooving of steel & cast iron applications
- TiAlN coated with excellent wear resistance and high hardness at extreme temperatures

### PC8110

- 1st choice grade for high performance parting and deep grooving of stainless steel & HRSA's
- Extreme wear resistance at high temperatures. Ideal for high speed and continuous cutting

Workpiece	Grade	Cutting Conditions		
		vc (m/min)	fn (mm/rev)	
Steel	Carbon Steel	PC5300	80-200	0.08-0.28
	Carbon Steel	PC3035	80-220	0.08-0.28
	Alloy Steel	PC5300	80-160	0.08-0.28
	Alloy Steel	PC3035	80-180	0.08-0.28
Stainless Steel	316, 404, 17-4PH, Duplex	PC5300	80-160	0.08-0.28
Cast Iron	Grey Cast Iron	PC8110	100-220	0.10-0.28
	Grey Cast Iron	PC5300	100-200	0.10-0.28
	Modular Cast Iron	PC8110	80-200	0.10-0.25
	Modular Cast Iron	PC5300	80-180	0.10-0.25
HRSA's	Inconel, Hastelloy, Titanium Alloy	PC8110	35-65	0.05-0.15
	Inconel, Hastelloy, Titanium Alloy	PC5300	25-55	0.05-0.15