

# Komax Tooling

## Komax 30/31 Stripping Blades

Used In These  
Machines

**Komax**  
30/31

Mechtrix manufactures two distinct blade types use in the Komax 30/31 machines. Please note that the use of either style blade requires that the machine be equipped with the "new style" cutterhead which contains 3 ground pins on which the blade(s) are Located.

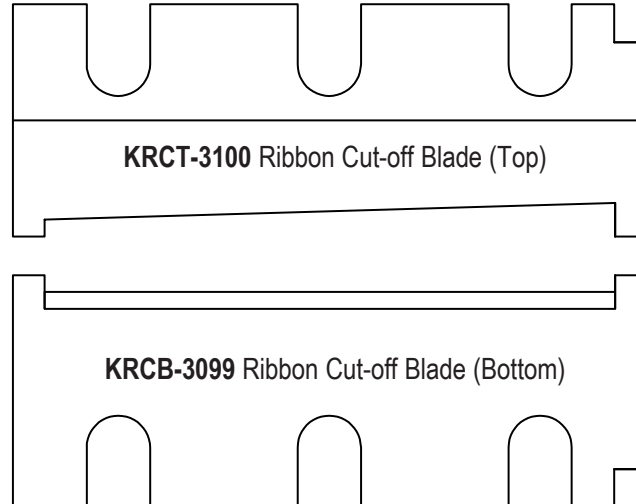


The first type of blade that can be used in the 30/31 machine is the standard "KD" Series blade detailed in the Komax 40 Series Blades. The "KD" Series blades are used when single conductor cables are being processed.

Mechtrix blades for the Komax 30/31 Machines are made to precision standards from a specially selected tool steel and micro-grain carbide to insure optimum performance and blade life. State-of-the-art manufacturing techniques are combined with Mechtrix patented technology to create perfect stripping forms which produce the highest quality cutting tool possible.

The blades listed on the following page are for multiple conductor ribbon cables. The stripping blades are designed to butt together and are offered with a wide variety of cutting form radii and center-to-center distances. The cut-off blades bypass and feature "tangs" on each side of both the top and bottom blade to increase the blades rigidity. Mechtrix also offers "Insulation Stabilizers" for use with the 30/31 ribbon blades that aid in maximizing the straight line relationship between the stripped end and the body of the wire when doing longer strip lengths, please consult Mechtrix for further information.

### Mechtrix Cut-off Blades for the Komax 30/31 Machine



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## Komax 30/31 Ribbon Cable Stripping Blades (for Ribbon Cables with Center-to-Center Pitch Dimensions in Inches)

Cable Conductor Diameter		Pitch: 0.050" (1.27mm)	Pitch: 0.100" (2.54mm)	Pitch: 0.156" (3.96mm)
(in)	(mm)	Number of Notches: 48	Number of Notches: 24	Number of Notches: 16
0.013	0.33	KRL-8996 (Long)	KRL-4559 (Long)	KRL-4569 (Long)
0.014	0.36	KRS-8997 (Short)	KRS-4560 (Short)	KRS-4570 (Short)
0.015	0.38	KRL-8998 (Long) KRS-8999 (Short)	KRL-4561 (Long) KRS-4562 (Short)	KRL-4571 (Long) KRS-4572 (Short)
0.016	0.41			
0.017	0.43			
0.018	0.46			
0.019	0.48	-	KRL-4563 (Long) KRS-4564 (Short)	KRL-4573 (Long) KRS-4574 (Short)
0.020	0.51			
0.021	0.53			
0.022	0.56			
0.023	0.58	-	KRL-4565 (Long) KRS-4566 (Short)	KRL-4575 (Long) KRS-4576 (Short)
0.024	0.61			
0.025	0.63			
0.026	0.66			
0.027	0.69	-	KRL-4567 (Long) KRS-4568 (Short)	KRL-4577 (Long) KRS-4578 (Short)
0.028	0.71			
0.029	0.74			
0.030	0.76			

Cut-off Blades: KRCB-3099 Ribbon Cut-off Blade (Bottom)  
KRCT-3100 Ribbon Cut-off Blade (Top)

## Komax 30/31 Ribbon Cable Stripping Blades (for Ribbon Cables with Center-to-Center Pitch Dimensions in mm)

Cable Conductor Diameter		Pitch: 1.5mm (0.059")	Pitch: 2.0mm (0.079")	Pitch: 2.5mm (0.098")
(in)	(mm)	Number of Notches: 40	Number of Notches: 30	Number of Notches: 24
0.013	0.33	KRL-9016 (Long)	KRL-9007 (Long)	KRL-9014 (Long)
0.014	0.36	KRS-9017 (Short)	KRS-9008 (Short)	KRS-9015 (Short)
0.015	0.38	KRL-9002 (Long) KRS-9003 (Short)	KRL-7720 (Long) KRS-7721 (Short)	KRL-9018 (Long) KRS-9019 (Short)
0.016	0.41			
0.017	0.43			
0.018	0.46			
0.019	0.48	-	KRL-8484 (Long) KRS-8485 (Short)	KRL-9020 (Long) KRS-9021 (Short)
0.020	0.51			
0.021	0.53			
0.022	0.56			
0.023	0.58	-	KRL-9009 (Long) KRS-9010 (Short)	KRL-9022 (Long) KRS-9023 (Short)
0.024	0.61			
0.025	0.63			
0.026	0.66			
0.027	0.69	-	KRL-9011 (Long) KRS-9012 (Short)	KRL-9024 (Long) KRS-9035 (Short)
0.028	0.71			
0.029	0.74			
0.030	0.76			

Cut-off Blades: KRCB-3099 Ribbon Cut-off Blade (Bottom)  
KRCT-3100 Ribbon Cut-off Blade (Top)