

Komax Tooling

“KD” Series Stripping Blades for Komax 40, 41, 42 and 43 Machines

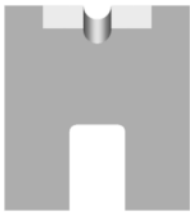
Used In These Machines

- Komax**
- 30/31
- 40
- 41
- 42
- 43

Mechtrix “KD” Series Stripping Blades are designed for use in the Komax 40, 41, 42 and 43 Wire Processing Machines and for the Komax 30/31 Machine when processing discrete wire. “KD” Series Stripping Blades are made to precision standards from a specially selected tool steel to insure optimum performance and blade life. State-of-the-art manufacturing techniques are combined with Mechtrix patented technology to create perfect stripping form radii which produce the highest quality cutting tool possible.

“KD” Series “Die-type” Stripping Blades incorporate several important features. First, because the blades close against each other, the closing dimension of the machine cutterhead is assured as is the formation of the optimum blade hole size for the blade being used. Second, set-up time is minimized because no adjustments (to the machine cutterhead) are required when changing blade sizes. Though “KD” Series Blades are not adjustable, their non-adjustable feature is of significant benefit when processing thin wall insulations, very hard insulations (Teflon, etc.) or wire with multiple layer insulations (fusible link, etc.).

“KD” Series Blades are available in blade hole size increments of 0.05mm (.002") and require the use of “KDG” Wire Guides. “KD” Series Blades are also available with the gold titanium nitride coating, simply add the suffix -CT1 to the Mechtrix Part Number when ordering. Please contact Mechtrix for assistance in selecting the appropriate size blade for your particular application.



Standard "KD" Tooling Setup

| No. | Part Description | Qty. | No. | Part Description | Qty. |
|-----|--------------------|------|-----|----------------------|------|
| 1 | KD Stripping Blade | 4 | 5 | Komax Toolholder | 2 |
| 2 | KDG Wire Guide | 2 | 6 | Komax Toolholder Pin | 2 |
| 3 | KDC Cut-off Blade | 2 | 7 | Komax T-Nut | 2 |
| 4 | Komax Spacer | - | 8 | | |

Mechtrix “KD” Stripping Blades are covered by U.S. Pat. 4,630,406

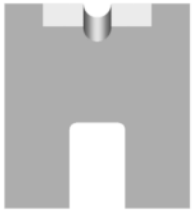


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Komax Tooling

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"KD" Die-Type Stripping Blades

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|-------------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| KD-0.25 Stripping Blade | 05073 | 0.00984 | 0.25 | 0003034 |
| KD-0.3 Stripping Blade | 02332 | 0.01181 | 0.30 | 0003035 |
| KD-0.35 Stripping Blade | 08651 | 0.01339 | 0.35 | 0003036 |
| KD-0.4 Stripping Blade | 02333 | 0.01575 | 0.40 | 0003037 |
| KD-0.45 Stripping Blade | 18307 | 0.01772 | 0.45 | 0003038 |
| KD-0.5 Stripping Blade | 02334 | 0.01969 | 0.50 | 0003039 |
| KD-0.55 Stripping Blade | 18308 | 0.02165 | 0.55 | 0010641 |
| KD-0.6 Stripping Blade | 02335 | 0.02362 | 0.60 | 0003040 |
| KD-0.65 Stripping Blade | 18309 | 0.02559 | 0.65 | 0010642 |
| KD-0.7 Stripping Blade | 02336 | 0.02756 | 0.70 | 0003041 |
| KD-0.75 Stripping Blade | 18310 | 0.02953 | 0.75 | 0010643 |
| KD-0.8 Stripping Blade | 02337 | 0.03150 | 0.80 | 0003042 |
| KD-0.85 Stripping Blade | 17102 | 0.03346 | 0.85 | 0010644 |
| KD-0.9 Stripping Blade | 02338 | 0.03543 | 0.90 | 0003043 |
| KD-0.95 Stripping Blade | 16269 | 0.03740 | 0.95 | 0010645 |
| KD-1.0 Stripping Blade | 02339 | 0.03937 | 1.00 | 0003044 |
| KD-1.05 Stripping Blade | 18311 | 0.04134 | 1.05 | 0010646 |
| KD-1.1 Stripping Blade | 02340 | 0.04331 | 1.10 | 0003045 |
| KD-1.15 Stripping Blade | 14832 | 0.04528 | 1.15 | 0010647 |
| KD-1.2 Stripping Blade | 02341 | 0.04724 | 1.20 | 0003046 |
| KD-1.25 Stripping Blade | 17627 | 0.04921 | 1.25 | 0010648 |
| KD-1.3 Stripping Blade | 02342 | 0.05118 | 1.30 | 0003047 |
| KD-1.35 Stripping Blade | 10686 | 0.05315 | 1.35 | 0010649 |
| KD-1.4 Stripping Blade | 02343 | 0.05512 | 1.40 | 0003048 |
| KD-1.45 Stripping Blade | 15785 | 0.05709 | 1.45 | 0010650 |
| KD-1.5 Stripping Blade | 02344 | 0.05906 | 1.50 | 0003049 |
| KD-1.55 Stripping Blade | 17497 | 0.06102 | 1.55 | 0010651 |
| KD-1.6 Stripping Blade | 02345 | 0.06299 | 1.60 | 0003050 |
| KD-1.65 Stripping Blade | 18312 | 0.06496 | 1.65 | 0010652 |
| KD-1.7 Stripping Blade | 02346 | 0.06693 | 1.70 | 0003021 |
| KD-1.75 Stripping Blade | 18313 | 0.06890 | 1.75 | 0010653 |
| KD-1.8 Stripping Blade | 02347 | 0.07087 | 1.80 | 0003051 |
| KD-1.85 Stripping Blade | 18314 | 0.07283 | 1.85 | 0010654 |
| KD-1.9 Stripping Blade | 02348 | 0.07480 | 1.90 | 0003052 |
| KD-1.95 Stripping Blade | 18315 | 0.07677 | 1.95 | 0010655 |
| KD-2.0 Stripping Blade | 02349 | 0.07874 | 2.00 | 0003053 |
| KD-2.1 Stripping Blade | 02350 | 0.08268 | 2.10 | 0003054 |
| KD-2.2 Stripping Blade | 02351 | 0.08661 | 2.20 | 0003055 |
| KD-2.3 Stripping Blade | 02352 | 0.09055 | 2.30 | 0003056 |
| KD-2.4 Stripping Blade | 02353 | 0.09449 | 2.40 | 0003057 |
| KD-2.5 Stripping Blade | 02354 | 0.09843 | 2.50 | 0003058 |
| KD-2.6 Stripping Blade | 02355 | 0.10236 | 2.60 | 0003059 |
| KD-2.7 Stripping Blade | 02356 | 0.10630 | 2.70 | 0003060 |
| KD-2.8 Stripping Blade | 02357 | 0.11024 | 2.80 | 0003061 |
| KD-2.9 Stripping Blade | 02358 | 0.11417 | 2.90 | 0003062 |
| KD-3.0 Stripping Blade | 02359 | 0.11811 | 3.00 | 0003063 |

Mechtrix "KD" Stripping Blades are covered by U.S. Pat. 4,630,406

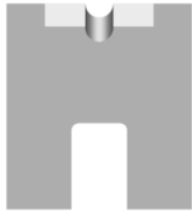


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"KD" Die-Type Stripping Blades (continued)

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|------------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| KD-3.1 Stripping Blade | 07498 | 0.12205 | 3.10 | 0003064 |
| KD-3.2 Stripping Blade | 01831 | 0.12598 | 3.20 | 0003065 |
| KD-3.3 Stripping Blade | 04360 | 0.12992 | 3.30 | 0003066 |
| KD-3.4 Stripping Blade | 02651 | 0.13386 | 3.40 | 0003067 |
| KD-3.5 Stripping Blade | 04301 | 0.13780 | 3.50 | 0003068 |
| KD-3.6 Stripping Blade | 02652 | 0.14173 | 3.60 | 0003069 |
| KD-3.7 Stripping Blade | 07250 | 0.14567 | 3.70 | 0003070 |
| KD-3.8 Stripping Blade | 02653 | 0.14961 | 3.80 | 0003071 |
| KD-3.9 Stripping Blade | 05059 | 0.15354 | 3.90 | 0003072 |
| KD-4.0 Stripping Blade | 02654 | 0.15748 | 4.00 | 0003073 |
| KD-4.1 Stripping Blade | 05039 | 0.16141 | 4.10 | 0003074 |
| KD-4.2 Stripping Blade | 02655 | 0.16535 | 4.20 | 0003075 |
| KD-4.3 Stripping Blade | 05040 | 0.16929 | 4.30 | 0003076 |
| KD-4.4 Stripping Blade | 02656 | 0.17322 | 4.40 | 0003077 |
| KD-4.5 Stripping Blade | 06932 | 0.17717 | 4.50 | 0003078 |
| KD-4.6 Stripping Blade | 02657 | 0.18110 | 4.60 | 0003079 |
| KD-4.7 Stripping Blade | 04391 | 0.18504 | 4.70 | 0003080 |
| KD-4.8 Stripping Blade | 02658 | 0.18898 | 4.80 | 0003081 |
| KD-4.9 Stripping Blade | 05041 | 0.19291 | 4.90 | 0003082 |
| KD-5.0 Stripping Blade | 02659 | 0.19685 | 5.00 | 0003083 |
| KD-5.1 Stripping Blade | 05060 | 0.20079 | 5.10 | 0003084 |
| KD-5.2 Stripping Blade | 05081 | 0.20472 | 5.20 | 0003085 |
| KD-5.3 Stripping Blade | 04361 | 0.20866 | 5.30 | 0003086 |
| KD-5.4 Stripping Blade | 05061 | 0.21260 | 5.40 | 0003087 |
| KD-5.5 Stripping Blade | 04999 | 0.21654 | 5.50 | 0003088 |
| KD-5.6 Stripping Blade | 05062 | 0.22047 | 5.60 | 0003089 |
| KD-5.7 Stripping Blade | 05063 | 0.22441 | 5.70 | 0003090 |
| KD-5.8 Stripping Blade | 05064 | 0.22835 | 5.80 | 0003091 |
| KD-5.9 Stripping Blade | 05100 | 0.23228 | 5.90 | 0003092 |
| KD-6.0 Stripping Blade | 05034 | 0.23622 | 6.00 | 0003093 |
| KD-6.1 Stripping Blade | 05065 | 0.24016 | 6.10 | 0003094 |
| KD-6.2 Stripping Blade | 04494 | 0.24409 | 6.20 | 0003095 |
| KD-6.3 Stripping Blade | 05082 | 0.24803 | 6.30 | 0003096 |
| KD-6.4 Stripping Blade | 05083 | 0.25197 | 6.40 | 0003097 |
| KD-6.5 Stripping Blade | 05035 | 0.25591 | 6.50 | 0003098 |
| KD-6.6 Stripping Blade | 04362 | 0.25984 | 6.60 | 0003099 |
| KD-6.7 Stripping Blade | 08431 | 0.26378 | 6.70 | 0003100 |
| KD-6.8 Stripping Blade | 13058 | 0.26772 | 6.80 | 0003101 |
| KD-6.9 Stripping Blade | 13059 | 0.27165 | 6.90 | 0003102 |
| KD-7.0 Stripping Blade | 08796 | 0.27559 | 7.00 | 0003103 |
| KD-7.1 Stripping Blade | 07606 | 0.27953 | 7.10 | 0003104 |
| KD-7.2 Stripping Blade | 12096 | 0.28346 | 7.20 | 0003105 |
| KD-7.3 Stripping Blade | 18316 | 0.28740 | 7.30 | 0003106 |
| KD-7.4 Stripping Blade | 07784 | 0.29134 | 7.40 | 0003107 |
| KD-7.5 Stripping Blade | 07607 | 0.29528 | 7.50 | 0003108 |
| KD-7.6 Stripping Blade | 16844 | 0.29921 | 7.60 | 0003109 |

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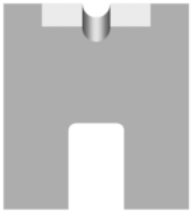


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"KD" Die-Type Stripping Blades (continued)

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|------------------------|----------------------|---------------------|-------|-----------------|
| | | (in) | (mm) | |
| KD-7.7 Stripping Blade | 18317 | 0.30315 | 7.70 | 0003110 |
| KD-7.8 Stripping Blade | 18318 | 0.30709 | 7.80 | 0003111 |
| KD-7.9 Stripping Blade | 18319 | 0.31102 | 7.90 | 0003112 |
| KD-8.0 Stripping Blade | 08416 | 0.31496 | 8.00 | 0003113 |
| KD-8.1 Stripping Blade | 18320 | 0.31890 | 8.10 | 0003114 |
| KD-8.2 Stripping Blade | 18321 | 0.32283 | 8.20 | 0003115 |
| KD-8.3 Stripping Blade | 18322 | 0.32677 | 8.30 | 0003116 |
| KD-8.4 Stripping Blade | 18323 | 0.33071 | 8.40 | 0003117 |
| KD-8.5 Stripping Blade | 08415 | 0.33465 | 8.50 | 0003118 |
| KD-8.6 Stripping Blade | 18324 | 0.33858 | 8.60 | 0003119 |
| KD-8.7 Stripping Blade | 18325 | 0.34252 | 8.70 | 0003120 |
| KD-8.8 Stripping Blade | 18326 | 0.34646 | 8.80 | 0003121 |
| KD-8.9 Stripping Blade | 19434 | 0.35039 | 8.90 | 0003122 |
| KD-9.0 Stripping Blade | 08414 | 0.35433 | 9.00 | 0003123 |
| KD-9.1 Stripping Blade | 18328 | 0.35827 | 9.10 | 0003124 |
| KD-9.2 Stripping Blade | 18329 | 0.36220 | 9.20 | 0003125 |
| KD-9.3 Stripping Blade | 08797 | 0.36614 | 9.30 | 0003126 |
| KD-9.4 Stripping Blade | 18330 | 0.37008 | 9.40 | 0003127 |
| KD-9.5 Stripping Blade | 18331 | 0.37402 | 9.50 | 0003128 |
| KD-9.6 Stripping Blade | 18332 | 0.37795 | 9.60 | 0003129 |
| KD-9.7 Stripping Blade | 18333 | 0.38189 | 9.70 | 0003130 |
| KD-9.8 Stripping Blade | 18334 | 0.38583 | 9.80 | 0003131 |
| KD-9.9 Stripping Blade | 18335 | 0.38976 | 9.90 | 0003132 |
| KD-10. Stripping Blade | 18336 | 0.39370 | 10.00 | 0003133 |



"KDC" Cut-Off Blades

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|----------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| KDC-1.0mm | 07791 | - | - | 0010283 |
| KDC-1.5mm | 00573 | - | - | - |
| KDC-2.0mm | 11141 | - | - | 0003020 |

A complete set of KD/KDC/KDG tooling consists of four (4) KD Strip Blades, two (2) KDC Cut-off Blades and two (2) KDG Wire Guides.

Komax Tooling

Used In These
Machines

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"KDG" Wire Guides

| Mechtrix Description | Mechtrix Part Number | Guide Form Diameter | | OEM Part Number |
|----------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| KDG-0.5 Wire Guide | 02559 | 0.01969 | 0.50 | 0003134 |
| KDG-0.6 Wire Guide | 02560 | 0.02362 | 0.60 | 0003135 |
| KDG-0.7 Wire Guide | 02561 | 0.02756 | 0.70 | 0003136 |
| KDG-0.8 Wire Guide | 02562 | 0.03150 | 0.80 | 0003137 |
| KDG-0.9 Wire Guide | 02563 | 0.03543 | 0.90 | 0003138 |
| KDG-1. Wire Guide | 02564 | 0.03937 | 1.00 | 0003139 |
| KDG-1.1 Wire Guide | 02565 | 0.04331 | 1.10 | 0003140 |
| KDG-1.2 Wire Guide | 02566 | 0.04724 | 1.20 | 0003141 |
| KDG-1.3 Wire Guide | 02567 | 0.05118 | 1.30 | 0003142 |
| KDG-1.4 Wire Guide | 02568 | 0.05512 | 1.40 | 0003143 |
| KDG-1.5 Wire Guide | 02569 | 0.05906 | 1.50 | 0003144 |
| KDG-1.6 Wire Guide | 02570 | 0.06299 | 1.60 | 0003145 |
| KDG-1.7 Wire Guide | 02571 | 0.06693 | 1.70 | 0003146 |
| KDG-1.8 Wire Guide | 02572 | 0.07087 | 1.80 | 0003147 |
| KDG-1.9 Wire Guide | 02573 | 0.07480 | 1.90 | 0003148 |
| KDG-2. Wire Guide | 02574 | 0.07874 | 2.00 | 0003149 |
| KDG-2.1 Wire Guide | 02575 | 0.08268 | 2.10 | 0003150 |
| KDG-2.2 Wire Guide | 02576 | 0.08661 | 2.20 | 0003151 |
| KDG-2.3 Wire Guide | 02577 | 0.09055 | 2.30 | 0003152 |
| KDG-2.4 Wire Guide | 02578 | 0.09449 | 2.40 | 0003153 |
| KDG-2.5 Wire Guide | 02579 | 0.09843 | 2.50 | 0003154 |
| KDG-2.6 Wire Guide | 02580 | 0.10236 | 2.60 | 0003155 |
| KDG-2.7 Wire Guide | 02581 | 0.10630 | 2.70 | 0003023 |
| KDG-2.8 Wire Guide | 02582 | 0.11024 | 2.80 | 0003156 |
| KDG-2.9 Wire Guide | 02583 | 0.11417 | 2.90 | 0003157 |
| KDG-3. Wire Guide | 02584 | 0.11811 | 3.00 | 0003158 |
| KDG-3.1 Wire Guide | 07408 | 0.12205 | 3.10 | 0003159 |
| KDG-3.2 Wire Guide | 02585 | 0.12598 | 3.20 | 0003160 |
| KDG-3.3 Wire Guide | 06823 | 0.12992 | 3.30 | 0003161 |
| KDG-3.4 Wire Guide | 02586 | 0.13386 | 3.40 | 0003162 |
| KDG-3.5 Wire Guide | 06824 | 0.13780 | 3.50 | 0003163 |
| KDG-3.6 Wire Guide | 02587 | 0.14173 | 3.60 | 0003164 |
| KDG-3.7 Wire Guide | 04989 | 0.14567 | 3.70 | 0003165 |
| KDG-3.8 Wire Guide | 02588 | 0.14961 | 3.80 | 0003166 |
| KDG-3.9 Wire Guide | 04294 | 0.15354 | 3.90 | 0003167 |
| KDG-4. Wire Guide | 02589 | 0.15748 | 4.00 | 0003168 |
| KDG-4.1 Wire Guide | 12125 | 0.16141 | 4.10 | 0003169 |
| KDG-4.2 Wire Guide | 02590 | 0.16535 | 4.20 | 0003170 |
| KDG-4.3 Wire Guide | 05066 | 0.16929 | 4.30 | 0003171 |
| KDG-4.4 Wire Guide | 02591 | 0.17322 | 4.40 | 0003172 |
| KDG-4.5 Wire Guide | 04295 | 0.17717 | 4.50 | 0003173 |
| KDG-4.6 Wire Guide | 02592 | 0.18110 | 4.60 | 0003174 |
| KDG-4.7 Wire Guide | 08397 | 0.18504 | 4.70 | 0003175 |
| KDG-4.8 Wire Guide | 02593 | 0.18898 | 4.80 | 0003176 |
| KDG-4.9 Wire Guide | 04674 | 0.19291 | 4.90 | 0003177 |
| KDG-5. Wire Guide | 02594 | 0.19685 | 5.00 | 0003178 |
| KDG-5.1 Wire Guide | 04358 | 0.20079 | 5.10 | 0003179 |
| KDG-5.2 Wire Guide | 02660 | 0.20472 | 5.20 | 0003180 |

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"KDG" Wire Guides (continued)

| Mechtrix Description | Mechtrix Part Number | Guide Form Diameter | | OEM Part Number |
|----------------------|----------------------|---------------------|-------|-----------------|
| | | (in) | (mm) | |
| KDG-5.3 Wire Guide | 07456 | 0.20866 | 5.30 | 0003181 |
| KDG-5.4 Wire Guide | 02661 | 0.21260 | 5.40 | 0003182 |
| KDG-5.5 Wire Guide | 04296 | 0.21654 | 5.50 | 0003183 |
| KDG-5.6 Wire Guide | 02662 | 0.22047 | 5.60 | 0003184 |
| KDG-5.7 Wire Guide | 07601 | 0.22441 | 5.70 | 0003185 |
| KDG-5.8 Wire Guide | 02663 | 0.22835 | 5.80 | 0003186 |
| KDG-5.9 Wire Guide | 12126 | 0.23228 | 5.90 | 0003187 |
| KDG-6. Wire Guide | 02664 | 0.23622 | 6.00 | 0003188 |
| KDG-6.1 Wire Guide | 07524 | 0.24016 | 6.10 | 0003189 |
| KDG-6.2 Wire Guide | 03067 | 0.24409 | 6.20 | 0003190 |
| KDG-6.3 Wire Guide | 10787 | 0.24803 | 6.30 | 0003191 |
| KDG-6.4 Wire Guide | 03068 | 0.25197 | 6.40 | 0003192 |
| KDG-6.5 Wire Guide | 05071 | 0.25591 | 6.50 | 0003193 |
| KDG-6.6 Wire Guide | 03069 | 0.25984 | 6.60 | 0003194 |
| KDG-6.7 Wire Guide | 12238 | 0.26378 | 6.70 | 0003195 |
| KDG-6.8 Wire Guide | 04527 | 0.26772 | 6.80 | 0003196 |
| KDG-6.9 Wire Guide | 13342 | 0.27165 | 6.90 | 0003197 |
| KDG-7. Wire Guide | 08794 | 0.27559 | 7.00 | 0003198 |
| KDG-7.1 Wire Guide | 11706 | 0.27953 | 7.10 | 0003199 |
| KDG-7.2 Wire Guide | 13561 | 0.28346 | 7.20 | 0003200 |
| KDG-7.3 Wire Guide | 05067 | 0.28740 | 7.30 | 0003201 |
| KDG-7.4 Wire Guide | 16538 | 0.29134 | 7.40 | 0003202 |
| KDG-7.5 Wire Guide | 17999 | 0.29528 | 7.50 | 0003203 |
| KDG-7.6 Wire Guide | 07409 | 0.29921 | 7.60 | 0003204 |
| KDG-7.7 Wire Guide | 07410 | 0.30315 | 7.70 | 0003205 |
| KDG-7.8 Wire Guide | 07785 | 0.30709 | 7.80 | 0003206 |
| KDG-7.9 Wire Guide | 07403 | 0.31102 | 7.90 | 0003207 |
| KDG-8. Wire Guide | 09283 | 0.31496 | 8.00 | 0003208 |
| KDG-8.1 Wire Guide | 12881 | 0.31890 | 8.10 | 0003209 |
| KDG-8.2 Wire Guide | 04359 | 0.32283 | 8.20 | 0003210 |
| KDG-8.3 Wire Guide | 12747 | 0.32677 | 8.30 | 0003211 |
| KDG-8.4 Wire Guide | 08334 | 0.33071 | 8.40 | 0003212 |
| KDG-8.5 Wire Guide | 04495 | 0.33465 | 8.50 | 0003213 |
| KDG-8.6 Wire Guide | 16482 | 0.33858 | 8.60 | 0003214 |
| KDG-8.7 Wire Guide | 08430 | 0.34252 | 8.70 | 0003215 |
| KDG-8.8 Wire Guide | 16845 | 0.34646 | 8.80 | 0003216 |
| KDG-8.9 Wire Guide | 15964 | 0.35039 | 8.90 | 0003217 |
| KDG-9. Wire Guide | 13666 | 0.35433 | 9.00 | 0003218 |
| KDG-9.1 Wire Guide | 21384 | 0.35827 | 9.10 | 0003219 |
| KDG-9.2 Wire Guide | 17780 | 0.36220 | 9.20 | 0003220 |
| KDG-9.3 Wire Guide | 17781 | 0.36614 | 9.30 | 0003221 |
| KDG-9.4 Wire Guide | 14245 | 0.37008 | 9.40 | 0003222 |
| KDG-9.5 Wire Guide | 17783 | 0.37402 | 9.50 | 0003223 |
| KDG-9.6 Wire Guide | 17784 | 0.37795 | 9.60 | 0003224 |
| KDG-9.7 Wire Guide | 12239 | 0.38189 | 9.70 | 0003225 |
| KDG-9.8 Wire Guide | 17786 | 0.38583 | 9.80 | 0003226 |
| KDG-9.9 Wire Guide | 17787 | 0.38976 | 9.90 | 0003227 |
| KDG-10. Wire Guide | 08430 | 0.39370 | 10.00 | 0003228 |

Komax Tooling

“KV” Series Stripping Blades for Komax 40, 41, 42 and 43 Machines

Used In These Machines

Komax

- 40
- 41
- 42
- 43

Mechtrix “KV” Series Stripping Blades are used in Komax 40, 41, 42 and 43 Wire Processing Machines. “KV” Series Stripping Blades are made to precision standards from a specially selected tool steel to insure optimum performance and blade life and are produced using state-of-the-art manufacturing techniques. “KV” Series Stripping Blades have the Mechtrix patented feature of a cutting form which includes a perfectly formed cutting radius. The perfectly formed cutting radius insures optimum cutting of the insulation while the entry angle improves the blade’s “gathering” characteristics, thus eliminating the need for wire guides.

“KV” Series Stripping Blades are a “V-type” blade and offer several advantages over “die-type” blades. These advantages include adjustability over a range of conductor diameters (rather than being sized for only one conductor diameter as is a die-type blade), superior cutting and gathering ability, and longer blade life. Please contact Mechtrix for assistance in selecting the appropriate size blade for your particular application.



Standard "KV" Tooling Setup

| No. | Part Description | Qty. | No. | Part Description | Qty. |
|-----|--------------------------|------|-----|----------------------|------|
| 1 | KV Stripping Blade-Short | 2 | 5 | Komax Toolholder | 2 |
| 2 | KV Stripping Blade-Long | 2 | 6 | Komax Toolholder Pin | 2 |
| 3 | KVC Cut-off Blade | 2 | 7 | Komax T-Nut | 2 |
| 4 | Komax Spacer | - | 8 | | |

Mechtrix “KV” Stripping Blades are covered by U.S. Pat. 4,630,406



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 Tel (262) 255-6555 • Fax (262) 255-2628 • www.mechtrix.com

Komax Tooling

Used In These
Machines

Komax

40

41

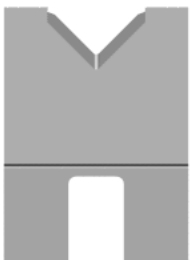
42

43



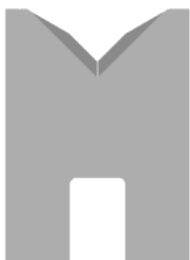
"KV" Series Stripping Blades

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|-------------------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| KV-0.30 Stripping Blade-Short | 01023 | 0.01181 | 0.30 | - |
| KV-0.30L Stripping Blade-Long | 01024 | | | - |
| KV-0.55 Stripping Blade-Short | 00646 | 0.02165 | 0.55 | - |
| KV-0.55L Stripping Blade-Long | 00647 | | | - |
| KV-0.78 Stripping Blade-Short | 00649 | 0.03071 | 0.78 | - |
| KV-0.78L Stripping Blade-Long | 00650 | | | - |
| KV-1.13 Stripping Blade-Short | 00652 | 0.04449 | 1.13 | - |
| KV-1.13L Stripping Blade-Long | 00653 | | | - |
| KV-1.65 Stripping Blade-Short | 00655 | 0.06496 | 1.65 | - |
| KV-1.65L Stripping Blade-Long | 00656 | | | - |
| KV-2.09 Stripping Blade-Short | 02521 | 0.08228 | 2.09 | - |
| KV-2.09L Stripping Blade-Long | 02520 | | | - |
| KV-2.53 Stripping Blade-Short | 00658 | 0.09961 | 2.53 | - |
| KV-2.53L Stripping Blade-Long | 00659 | | | - |
| KV-3.01 Stripping Blade-Short | 02518 | 0.11850 | 3.01 | - |
| KV-3.01L Stripping Blade-Long | 02517 | | | - |
| KV-3.49 Stripping Blade-Short | 00661 | 0.13740 | 3.49 | - |
| KV-3.49L Stripping Blade-Long | 00662 | | | - |
| KV-4.37 Stripping Blade-Short | 00664 | 0.17205 | 4.37 | - |
| KV-4.37L Stripping Blade-Long | 00665 | | | - |



"KVC" Cut-off Blades

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|-----------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| KVC-1.5 Cut-off Blade | 00755 | - | - | - |
| KVC-1.0 Cut-off Blade | 13937 | - | - | - |



Komax Style "V" Stripping Blades

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|----------------------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| Komax V1A1 Universal Strip Blade | 18560-01 | - | - | 0003011 |
| Komax V1B1 Universal Strip Blade | 18561-01 | - | - | 0003012 |
| Komax V1A2 Universal Strip Blade | 18561-02 | - | - | 0003017 |
| Komax V1B2 Universal Strip Blade | 18560-02 | - | - | 0003018 |



Komax Style "V" Cut-off Blades

| Mechtrix Description | Mechtrix Part Number | Blade Form Diameter | | OEM Part Number |
|------------------------|----------------------|---------------------|------|-----------------|
| | | (in) | (mm) | |
| Komax T1 Cut-off Blade | 18214-CT1 | - | - | 0003010 |

Mechtrix "KV" Stripping Blades are covered by U.S. Pat. 4,630,406



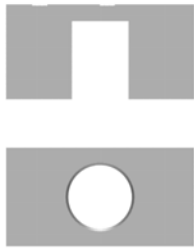
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Komax Tooling

Komax 40, 41, 42 and 43 Toolholder Spacers

Used In These
Machines

Komax
30/31
40
41
42
43



Mechtrix manufactures the complete range of Komax OEM Spacers as well as our KAS Series Strip and Fill Spacers. These spacers are thickness toleranced to $\pm 0.01\text{mm}$ and are flat and parallel to $\pm 0.075\text{mm}$. Mechtrix spacers are made of hardened tool steel which eliminates the development of burrs and facial flaws which affect the dimensional integrity of a spacer. Please contact Mechtrix for information regarding sizes not listed below.

Komax Spacers

| Mechtrix Description | Mechtrix Part Number | Spacer Thickness | | OEM Part Number |
|--------------------------|----------------------|------------------|------|-----------------|
| | | (in) | (mm) | |
| KAS-1.0mm Spacer w/slot | 16537-01 | 0.0394 | 1.0 | 0003016 |
| KAS-1.5mm Spacer w/slot | 16537-02 | 0.0591 | 1.5 | 0003015 |
| KAS-2.0mm Spacer w/slot | 16537-03 | 0.0787 | 2.0 | 0003014 |
| KAS-3.0mm Spacer w/slot | 03054-46 | 0.1181 | 3.0 | 0003013 |
| KAS-5.0mm Spacer w/slot | 03054-85 | 0.1969 | 5.0 | 0003880 |
| KAS-10.0mm Spacer w/hole | 05176-165 | 0.3937 | 10.0 | 0003029 |

Standard Komax Spacer Sets for Use With "KD" Die-Type Blades

| Standard Quantity and Combinations of Spacers Used In: | Komax 10 x 10 Toolholder with KD Stripping Blades | Komax 10 x 20 Toolholder with KD Stripping Blades | Komax 20 x 20 Toolholder with KD Stripping Blades |
|--|---|---|---|
| KAS-1.0mm Spacer | 4 | 4 | 4 |
| KAS-1.5mm Spacer | 10 | 10 | 10 |
| KAS-2.0mm Spacer | 8 | 8 | 8 |
| KAS-3.0mm Spacer | - | - | - |
| KAS-5.0mm Spacer | - | - | - |
| KAS-10.0mm Spacer | - | 2 | 4 |

Standard Komax Spacer Sets for Use With "KV" V-Style Blades

| Standard Quantity and Combinations of Spacers Used In: | Komax 10 x 10 Toolholder with KV Stripping Blades | Komax 10 x 20 Toolholder with KV Stripping Blades | Komax 20 x 20 Toolholder with KV Stripping Blades |
|--|---|---|---|
| KAS-1.0mm Spacer | 10 | 10 | 10 |
| KAS-1.5mm Spacer | 8 | 8 | 8 |
| KAS-2.0mm Spacer | 4 | 4 | 4 |
| KAS-3.0mm Spacer | 4 | 4 | 4 |
| KAS-5.0mm Spacer | - | - | - |
| KAS-10.0mm Spacer | - | 2 | 4 |