DANIELS MANUFACTURING CORPORATION®

# TWIST-STRIP®

## Outer Jacket Stripper for Twisted Shielded Cable

# THE USER-FRIENDLY WIRE STRIPPER

Twist-Strip® outer jacket wire stripper is meticulously engineered to simplify the challenges posed by traditional methods of stripping twisted shielded cables. This innovative tool features a low-friction ball bearing and articulating arms, specifically designed to handle the unique characteristics of twisted cables.

Equipped with interchangeable dies and precision depth control knobs, Twist-Strip can accommodate 1 - 4 conductor cables and variations in conductor shape and thickness. The tool's repeatable function minimizes operator error, consistently removing the outer jacket without compromising shielding or inner conductors.

Compared to traditional razor stripping methods, Twist-Strip delivers unparalleled performance that is both safer and faster. Twist-Strip is a portable, ergonomic, and user-friendly solution that makes challenging tasks more manageable.

## LEARN MORE ABOUT TWIST-STRIP

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# INDUSTRY CHANGING DESIGN

## ADJUSTABLE

- Interchangeable dies allow the tool to be used on a variety of twisted shielded cable
- Adjustable blades accommodate varying cable diameters and jacket styles

## PRECISE

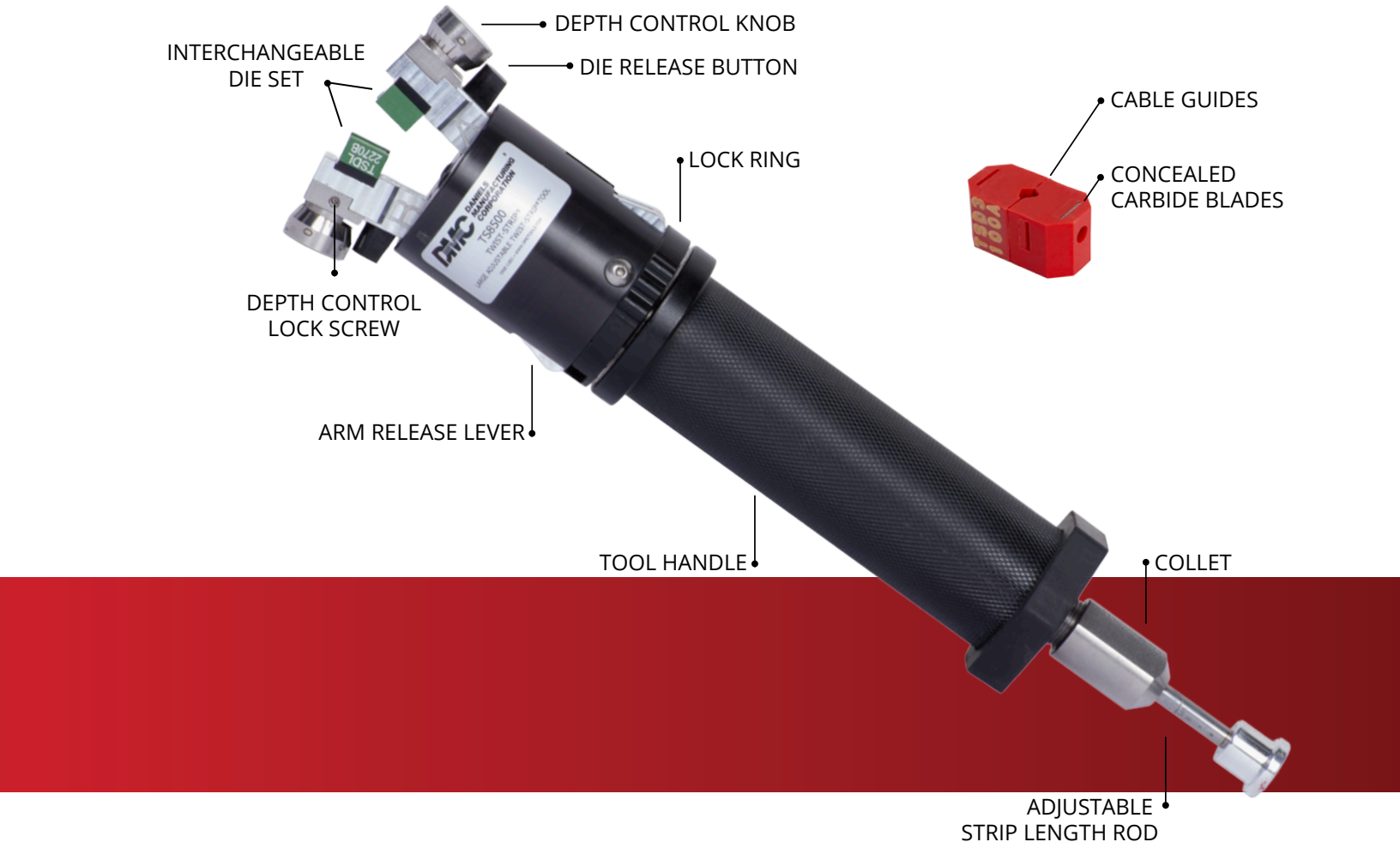
- Cable guides in dies control blade rotation along the cable
- Adjustable strip length rod allows for custom stripping lengths

## SAFE

- Concealed carbide blades eliminate risk of injury
- Low-friction ball bearing design provides ergonomic stripping that reduces operator fatigue

## FAST

- Strip twisted shielded cable 3-5 times faster than traditional methods

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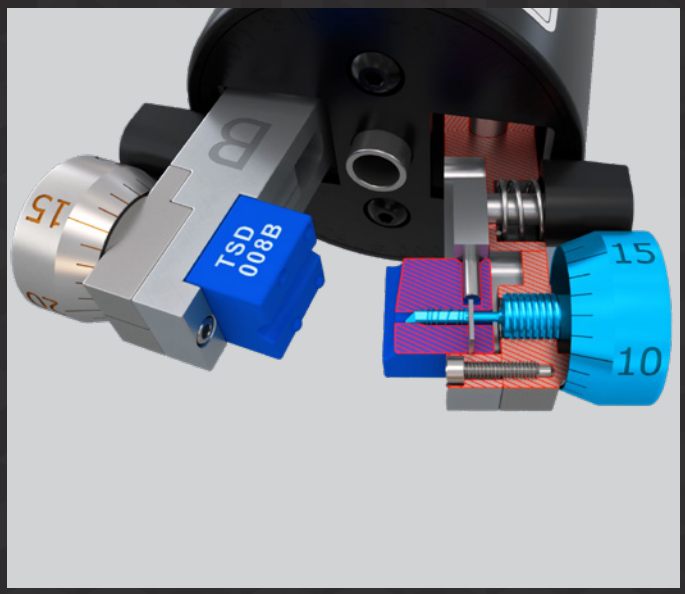
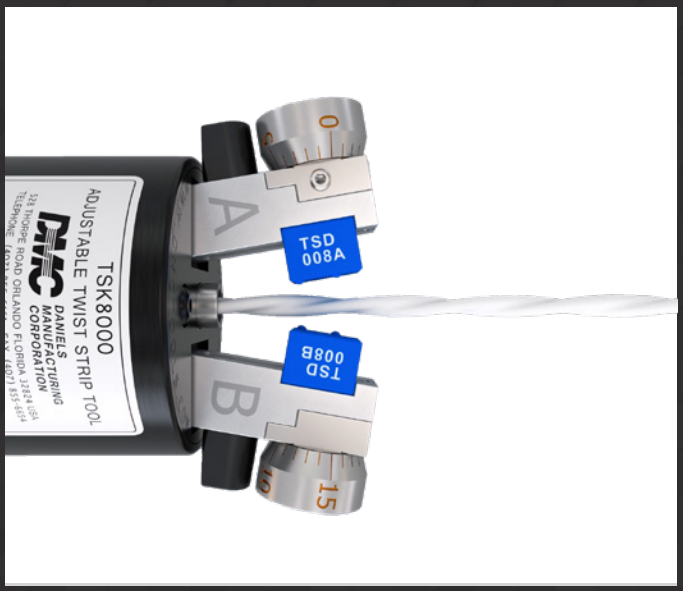
# USING TWIST-STRIP IS SIMPLE

## 1 IDENTIFY
Identify the correct die set with the cable diameter gauge card.

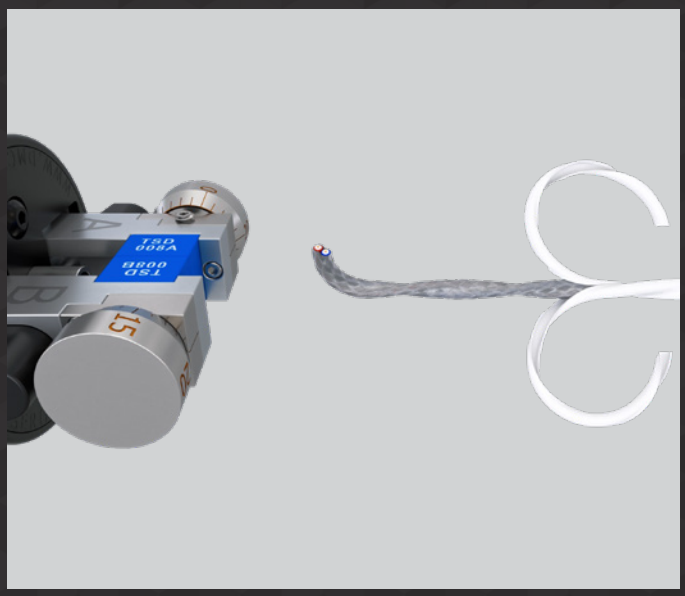
## 2 ADJUST
Adjust the depth setting of the concealed carbide blades.




## 3 INSERT
Squeeze the arm levers to insert the cable and release to close the arms.




## 4 STRIP
Pull the tool away from the cable to produce a light score. Slightly bend the cable and remove the jacket halves.



# SELECTING THE CORRECT TOOL

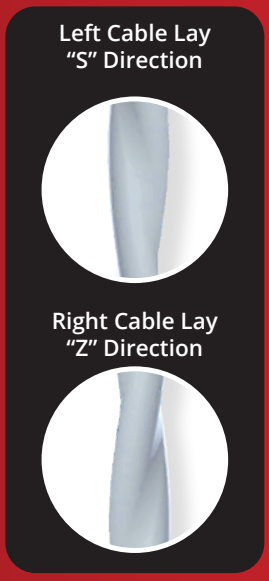
| | TSK8000 | TSK8500 |
|---|---|---|
| Strips Outer Jacket of Twisted Shielded Multi-Conductor & Round Cable | ✓ | ✓ |
| Accommodates End Stripping of Cable | ✓ | ✓ |
| Utilizes Interchangeable Stripping Dies | ✓ | ✓ |
| Adjustable Blade Depth Settings | ✓ | ✓ |
| Cable Minimum Outer Diameter | >0.081” | >0.180” |
| Cable Maximum Outer Diameter | <0.180” | <0.310” |
| Tool Dimensions | 1.6” Wide<br>8.8” Tall | 1.7” Wide<br>9.4” Tall |
| Tool Weight | 0.8 lbs | 0.8 lbs |

# SELECTING THE CORRECT DIE SET

First, begin by determining the cable lay. If the cable twists in an “S” direction it is a left lay. If the cable twists in a “Z” direction it is a right lay.

Next, use the cable diameter gauge card included with your tool to find the smallest opening that the wire can pass through freely. The gauge card will indicate the corresponding die set that should be used.

**Gauge Cards**
TSK8000-CIC
TSK8500-CIC



# TOOLS AND TOOL KITS

**TSK8000**

| TWIST-STRIP 8000 SERIES | | | | |
|---|---|---|---|---|
| **NUMBER OF CONDUCTORS** | **CABLE LAY** | **DIES INCLUDED** | **DMC PART NUMBER** | **MILITARY PART NUMBER** |
| **-** | - | 0 | TSK8000 | M32610/01-01 |
| **1** | Left | 12 | TSK8001 | - |
| **2** | Left | 10 | TSK8002 | M32610/01-23 |
| | Right | 10 | TSK8002R | - |
| **3** | Left | 10 | TSK8003 | M32610/01-24 |
| | Right | 10 | TSK8003R | - |
| **4** | Left | 9 | TSK8004 | - |
| | Right | 9 | TSK8004R | - |
| **2 & 3** | Left | 20 | TSK8023 | M32610/01-25 |
| | Right | 20 | TSK8023R | - |

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Every Twist-Strip tool comes in a foam-lined, black polypropylene copolymer case with a cable diameter gauge card, hex driver, Quick Start Guide, and spaces to store die sets. DMC offers pre-designed kits to support the small and large spectrum of twisted shielded mil-spec cable. Some of our most popular options are listed below.

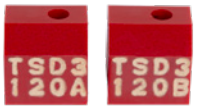
**TSK8023**

| TWIST-STRIP 8500 SERIES | | | |
|---|---|---|---|
| **NUMBER OF CONDUCTORS** | **CABLE LAY** | **DIES INCLUDED** | **DMC PART NUMBER** |
| **-** | - | 0 | TSK8500 |
| **1** | Left | 13 | TSK8501 |
| **2** | Left | 13 | TSK8502 |
| **3** | Left | 13 | TSK8503 |
| **4** | Left | 13 | TSK8504 |
| **2 & 3** | Left | 26 | TSK8523 |

## CUSTOM KITS

At DMC, we understand that your applications may have unique requirements. That's why we offer custom tool kits designed to accommodate your specific needs. Creating a personalized kit is a straightforward process. Simply provide us with a list of military wire part numbers or send in samples of your wires for analysis. Our experienced team will work to identify the most suitable tool and dies, ensuring precision and efficiency in every strip.

# TSK8000 DIE SETS




| NUMBER OF CONDUCTORS | CABLE OD RANGE | DMC PART NUMBER |
|---|---|---|
| 1 (Single) | .061" - .070" | TSD1070 |
| | .071" - .080" | TSD1080 |
| | .081" - .090" | TSD1090 |
| | .091" - .100" | TSD1100 |
| | .101" - .110" | TSD1110 |
| | .111" - .120" | TSD1120 |
| | .121" - .130" | TSD1130 |
| | .131" - .140" | TSD1140 |
| | .141" - .150" | TSD1150 |
| | .151" - .160" | TSD1160 |
| | .161" - .170" | TSD1170 |
| | .171" - .180" | TSD1180 |

| NUMBER OF CONDUCTORS | CABLE OD RANGE | LEFT LAY | RIGHT LAY |
|---|---|---|---|
| 2 (Double) | .081" - .090" | TSD2090 M32610/01-03 | TSR2090 |
| | .091" - .100" | TSD2100 M32610/01-04 | TSR2100 |
| | .101" - .110" | TSD2110 M32610/01-05 | TSR2100 |
| | .111" - .120" | TSD2120 M32610/01-06 | TSR2120 |
| | .121" - .130" | TSD2130 M32610/01-07 | TSR2130 |
| | .131" - .140" | TSD2140 M32610/01-08 | TSR2140 |
| | .141" - .150" | TSD2150 M32610/01-09 | TSR2150 |
| | .151" - .160" | TSD2160 M32610/01-10 | TSR2160 |
| | .161" - .170" | TSD2170 M32610/01-11 | TSR2170 |
| | .171" - .180" | TSD2180 M32610/01-12 | TSR2180 |

| NUMBER OF CONDUCTORS | CABLE OD RANGE | LEFT LAY | RIGHT LAY |
|---|---|---|---|
| 3* (Triple) | .081" - .090" | TSD3090 M32610/01-13 | TSR3090 |
| | .091" - .100" | TSD3100 M32610/01-14 | TSR3100 |
| | .101" - .110" | TSD3110 M32610/01-15 | TSR3110 |
| | .111" - .120" | TSD3120 M32610/01-16 | TSR3120 |
| | .121" - .130" | TSD3130 M32610/01-17 | TSR3130 |
| | .131" - .140" | TSD3140 M32610/01-18 | TSR3140 |
| | .141" - .150" | TSD3150 M32610/01-19 | TSR3150 |
| | .151" - .160" | TSD3160 M32610/01-20 | TSR3160 |
| | .161" - .170" | TSD3170 M32610/01-21 | TSR3170 |
| | .171" - .180" | TSD3180 M32610/01-22 | TSR3180 |

| NUMBER OF CONDUCTORS | CABLE OD RANGE | LEFT LAY | RIGHT LAY |
|---|---|---|---|
| 4 (Quad) | .091" - .100" | TSD4100 | - |
| | .101" - .110" | TSD4110 | - |
| | .111" - .120" | TSD4120 | - |
| | .121" - .130" | TSD4130 | TSR4130 |
| | .131" - .140" | TSD4140 | - |
| | .141" - .150" | TSD4150 | - |
| | .151" - .160" | TSD4160 | - |
| | .161" - 170" | TSD4170 | - |
| | .171" - .180" | TSD4180 | - |

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# TSK8500 DIE SETS

| NUMBER OF CONDUCTORS | CABLE OD RANGE | DMC PART # |
|---|---|---|
| 1 (Single) | .181" - 190" | TSDL1190 |
| | .191" - .200" | TSDL1200 |
| | .201" - .210" | TSDL1210 |
| | .211" - .220" | TSDL1220 |
| | .221" - .230" | TSDL1230 |
| | .231" - .240" | TSDL1240 |
| | .241" - .250" | TSDL1250 |
| | .251" - .260" | TSDL1260 |
| | .261" - .270" | TSDL1270 |
| | .271" - .280" | TSDL1280 |
| | .281" - .290" | TSDL1290 |
| | .291" -.300" | TSDL1300 |
| | .301" - .310" | TSDL1310 |

| NUMBER OF CONDUCTORS | CABLE OD RANGE | LEFT LAY | RIGHT LAY |
|---|---|---|---|
| 2 (Double) | .181" - .190" | TSDL2190 | - |
| | .191" - .200" | TSDL2200 | TSDLR2200 |
| | .201 - .210" | TSDL2210 | - |
| | .211" - .220" | TSDL2220 | - |
| | .221" - .230" | TSDL2230 | - |
| | .231" - .240" | TSDL2240 | - |
| | .241 - .250" | TSDL2250 | - |
| | .251" - .260" | TSDL2260 | - |
| | .261" - .270" | TSDL2270 | - |
| | .271" - .280" | TSDL2280 | - |
| | .281" - .290" | TSDL2290 | - |
| | .291" - .300" | TSDL2300 | - |
| | .301" - .310" | TSDL2310 | - |

| NUMBER OF CONDUCTORS | CABLE OD RANGE | LEFT LAY |
|---|---|---|
| 3* (Triple) | .181" - .190" | TSDL3190 |
| | .191" - .200" | TSDL3200 |
| | .201" - .210" | TSDL3210 |
| | .211" - .220" | TSDL3220 |
| | .221" - .230" | TSDL3230 |
| | .231" - .240" | TSDL3240 |
| | .241" - .250" | TSDL3250 |
| | .251" - .260" | TSDL3260 |
| | .261" - .270" | TSDL3270 |
| | .271" - .280" | TSDL3280 |
| | .281" - .290" | TSDL3290 |
| | .291" - .300" | TSDL3300 |
| | .301" - .310" | TSDL3310 |

| NUMBER OF CONDUCTORS | CABLE OD RANGE | LEFT LAY |
|---|---|---|
| 4 (Quad) | .181" - .190" | TSDL4190 |
| | .191" - .200" | TSDL4200 |
| | .201" - .210" | TSDL4210 |
| | .211" - .220" | TSDL4220 |
| | .221" - .230" | TSDL4230 |
| | .231" - .240" | TSDL4240 |
| | .241" - .250" | TSDL4250 |
| | .251" - .260" | TSDL4260 |
| | .261" - .270" | TSDL4270 |
| | .271" - .280" | TSDL4280 |
| | .281" - .290" | TSDL4290 |
| | .291" - .300" | TSDL4300 |
| | .301" - .310" | TSDL4310 |

* To accommodate the non-concentric shape of 3 conductor cables, these die sets come with 1 blade in the "B" side of the die. This produces a single longitudinal cut.

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# BEST PRACTICES & RESOURCES

Cable properties vary from supplier to supplier. We recommend that operators test a sample of wire prior to production to verify the desired outcome. If the strip sample does not produce the desired result, proceed by adjusting the blade depth.

To adjust the blade depth, remove the dies from the tool and unlock the depth control lock screws using the provided hex driver. Turn each control knob to zero or to the fully tightened position. Install the dies making certain the A & B die halves are in the proper location. Set the depth control knobs to the starting position indicated on the die container and lock the screws back into position.

Each tick on the control knob represents 0.001” of blade extension. A full rotation is 0.025”. The starting depth should produce a very light score on the wire.

**Note:** Twist-Strip dies are designed for specific mil-spec cable. Contact DMC for guidance on commercial cable or custom die solutions.

Twist-Strip should be stored in a clean environment and handled as a precision instrument. It is designed to be maintenance-free. For service or repair, consult DMC.

**Visit our website for more application/installation information at: https://qrco.de/Twist-Strip or scan the QR code.**

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**Scan the QR to learn more about our commitment to quality.**

**LIMITED WARRANTY:** DMC warrants each new product sold by it to be free from defects in material and workmanship under normal use and service. DMC's obligation under this warranty is limited to the free correction or, at DMC's option, the refund of the purchase price of any such product which proves defective in normal service within ninety (90) days after delivery to the first user, provided that the product is returned to DMC with all transportation charges prepaid and which shall appear to DMC's satisfaction, after DMC's inspection, to have been defective in material or workmanship, it being understood that DMC products are not consumer products. This warranty shall not cover any damage to any product which, in the opinion of DMC, was caused by normal wear, misuse, improper operation, tampering, neglect, or accident. This warranty is in lieu of all other warranties express or implied. No warranty, express or implied, is made or authorized to be made or assumed with respect to products of Daniels Manufacturing Corporation other than those herein set forth.

TS-BK Rev B

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