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Burndy BURU166U459

Burndy U166/U459 Circular Butting Stainless Steel Twin Die

Model: BURU166U459

Introduction

This manual provides essential information for the safe and effective use of the Burndy U166/U459 Circular Butting Stainless Steel Twin Die. Please read thoroughly before operation to ensure proper handling, installation, and maintenance, which will maximize the lifespan and performance of the die.

Product Overview

The Burndy U166/U459 is a specialized circular butting twin die constructed from durable stainless steel. It is designed for use with specific Burndy hydraulic tools to facilitate precise crimping and connection applications in industrial settings.

Key Features

- Constructed from high-quality stainless steel for durability and corrosion resistance.
- Designed specifically for circular butting applications.
- Compatible with Burndy hydraulic tools including Y35, Y39, Y45, Y46, and Y750 models.
- RoHS Compatible with Exemption, ensuring compliance with environmental standards.



Image of the Burndy U166/U459 Circular Butting Stainless Steel Twin Die, showing its two halves and engraved markings such as 'BURNDY', 'U28RT', and 'INDEX 15'.

Specifications

Property	Value
Model Number	BURU166U459
Material	Stainless Steel
Application	For Y35, Y39, Y45, Y46, Y750 Hydraulic Tool

Property	Value
Standard Compliance	RoHS Compatible with Exemption
Package Dimensions	2.63 x 2.63 x 1.88 inches
Item Weight	6.56 ounces
Manufacturer	Burndy
ASIN	B0171JODQE
First Available Date	October 18, 2015

Setup

The Burndy U166/U459 die is an accessory designed for specific compatible hydraulic tools. Proper installation is crucial for safe and effective operation.

1. Ensure your hydraulic tool (Y35, Y39, Y45, Y46, or Y750) is powered off and depressurized before attempting any die installation or removal.
2. Refer to your specific hydraulic tool's instruction manual for detailed procedures on die insertion and removal, as steps may vary slightly between models.
3. Carefully insert the two halves of the U166/U459 die into the designated slots of the hydraulic tool's head. Ensure they are properly seated and aligned within the tool's mechanism.
4. Verify that the die halves are securely in place and cannot be easily dislodged before proceeding with any operation.

Operating Instructions

This die is used for crimping or butting applications. Always follow the safety guidelines and operating procedures outlined in your hydraulic tool's manual in conjunction with these instructions.

1. Select the appropriate conductor or connector that matches the specifications and capacity of the U166/U459 die for your application.
2. Carefully position the conductor or connector within the die cavity, ensuring it is centered and fully seated.
3. Activate the hydraulic tool according to its operating instructions to initiate the crimping cycle. Maintain a firm grip on the tool during operation.
4. Allow the tool to complete its full cycle, ensuring a complete and proper crimp is achieved. Do not interrupt the cycle prematurely.
5. Deactivate the tool and carefully remove the crimped conductor or connector from the die.

6. Inspect the crimp for proper formation, integrity, and adherence to industry standards. A well-formed crimp should be uniform and secure.

Maintenance

Proper maintenance is essential to extend the life and ensure the continued performance of your Burndy U166/U459 die.

- After each use, clean the die halves with a dry, lint-free cloth to remove any debris, residue, or metal shavings.
- Periodically inspect the die for any signs of wear, damage, cracks, or deformation. Pay close attention to the crimping surfaces.
- Store the die in a clean, dry environment, preferably in its original packaging or a protective case, to prevent corrosion and physical damage.
- Do not use abrasive cleaners, harsh chemicals, or solvents that could damage the stainless steel finish or the integrity of the die.
- If the die shows significant wear, damage, or no longer produces consistent, high-quality crimps, it should be replaced immediately to ensure safety and performance.

Troubleshooting

This section addresses common issues that may arise during the use of the Burndy U166/U459 die.

Problem	Possible Cause	Solution
Incomplete Crimp	Die not fully seated in tool.	Ensure die halves are correctly installed and fully seated in the hydraulic tool.
Incomplete Crimp	Incorrect conductor/connector size for the die.	Verify that the conductor or connector matches the specified size for the U166/U459 die.
Die halves not closing properly	Debris or foreign material in die cavity.	Thoroughly clean the die halves to remove any obstructions.
Die halves not closing properly	Die damage or deformation.	Inspect die for physical damage; replace if necessary.
Excessive wear on die	Improper use or lack of maintenance.	Review and strictly follow operating and maintenance instructions.

Warranty and Support

For specific warranty information or technical support regarding your Burndy U166/U459 Circular Butting Stainless Steel Twin Die, please contact Burndy customer service directly. Refer to the official Burndy website or the product packaging for the most current contact details and comprehensive warranty terms and conditions.

Manufacturer: Burndy

Product ASIN: B0171JODQE

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