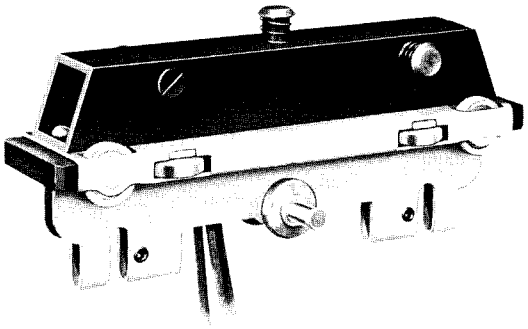
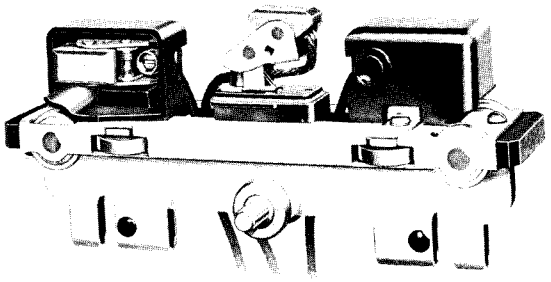
INDUSTRIAL TROL-E-DUCT®

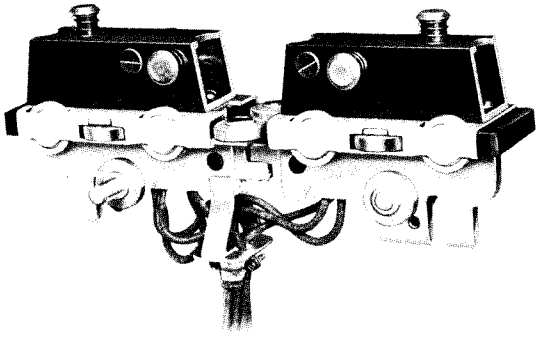
TROLLEYS



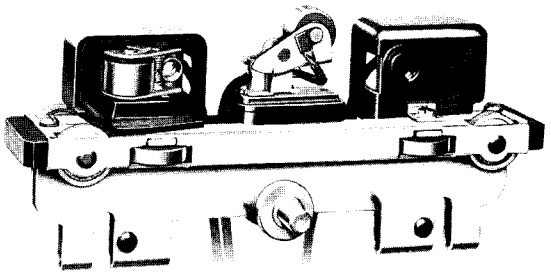
Standard-Type Non-Fusible Trolleys are rated at 30 amperes, 600 volts or less. Each contact is individually mounted on a compression spring to assure good electrical contact and uniform current flow. The trolley carriage is one-piece construction and has 4 support rollers and 4 side-thrust rollers.



Heavy-Duty Trolley uses graphite bronze shoes rated at 60 amperes, 600 volts or less. Shoe head assemblies are mounted on "Standard" type trolley carriages. Heavy-Duty Type Trolley is recommended for trolley speeds greater than five miles per hour, and jobs requiring above average use. This trolley requires curves of 5' radius or larger—and is available in 90 ampere ratings.



Curved-Type Non-Fusible Trolleys have a current carrying capacity of 60 amperes, 600 volts or less. They are similar in construction to Button Type Trolleys except that the carriages are split and swiveled in the center. Curved ducts having a radius as small as 3' may be used when Curved-Type Trolleys are employed.



Roller-Type Trolley negotiates a 5' radius curve, and has a continuous current less than 20 amperes at 600V or less. This trolley, without added weight of auxiliary attachments, requires only 8 to 10 oz. straight pull. It is well suited for light-duty applications.

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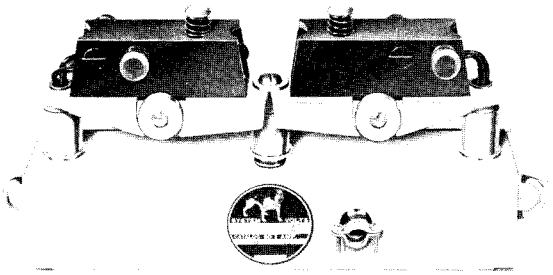
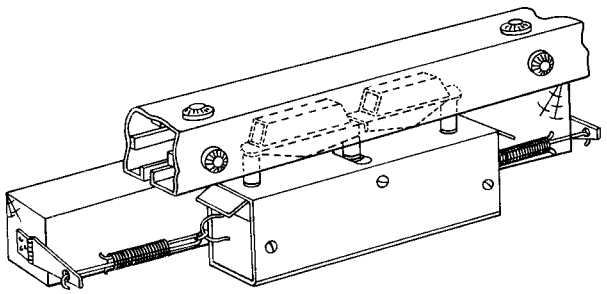
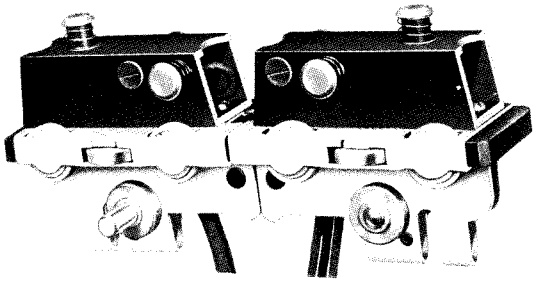
TROLLEYS

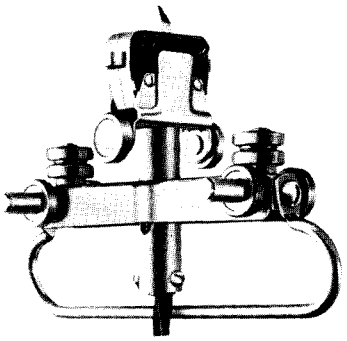




Transfer-Type Trolley is rated at 30A, 600V or less. It is particularly well suited for jump gaps in the duct, as in a Bridge-type application. Transfer Trolley negotiates a curve of 2-foot radius, and is designed for use in connection with flared ends for switching application; i.e., when part of the run is attached to a moving crane which must transfer to a spur track.

Towing Trolleys—tension springs on each end of the trolley provide a very practical towing method. Other variations may include the use of a chain, compression springs, or a combination of all three. The direction of pull on the trolleys should parallel the duct.



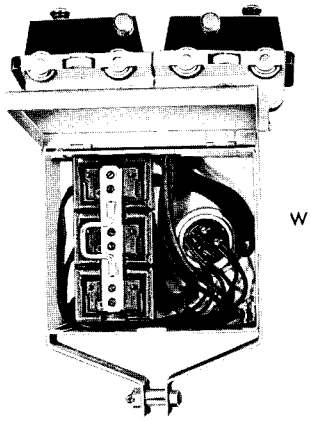


Button-Type Trolleys have a current carrying capacity of 60 amperes, 600V or less. Each contact is individually mounted on a compression spring. The trolley carriage and head are of two-piece construction. The trolley carriage has 8 support rollers and 4 side-thrust rollers. Minimum radius curve for the Button-Type Trolley is 5 feet.

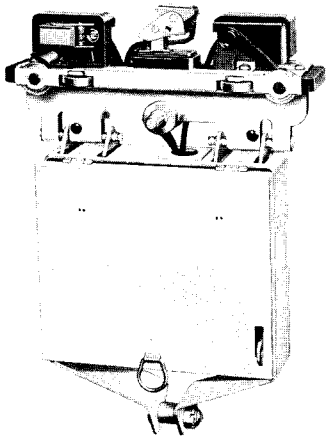
Detachable Trolley is designed for insertion at any point in the duct system and is rated at 10 amperes, 600 volts, 3 phase. Minimum operating radius is 2'. On special orders, the Detachable Trolley (DT-333) may be equipped with receptacles or fuses. The Detachable Trolley is often used with portable tools where it is frequently necessary to bypass tools.

INDUSTRIAL TROL-E-DUCT®

TOOL HANGERS

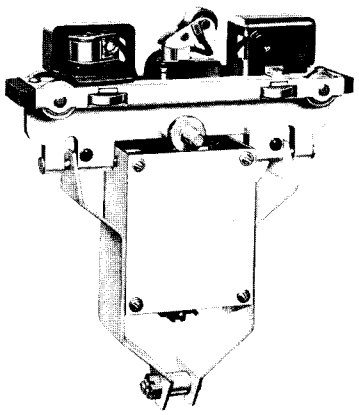


Fusible Button-Type Trolley
With Box Tool Hanger, SAFtoFUSE® Unit and Receptacle



Box Size: A—9½″ x 7½″ x 3⅛″
B—13½″ x 8⅜″ x 4⅛″

Box Tool Hangers can also be used with "Standard," "Button," "Roller," and "Heavy-Duty" Trolleys. Curved sections of ITD should not be less than 5′ when Box Tool Hangers are employed. A convenient hanger for portable tools, Box Tool Hangers also provide space for starters, receptacles and fuses. Box size **A** is used for standard Non-Fusible and 250-volt Fusible Trolleys with Box Tool Hangers. Box size **B** is used for Heavy-Duty Non-Fusible Trolleys with Starters and 480- and 600-volt Fusible Trolleys.

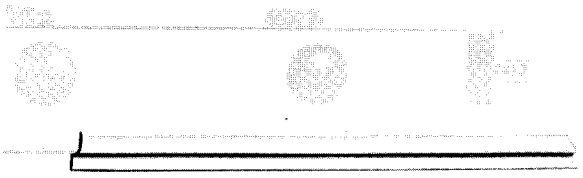


Box Size: 4½″ x 3¾″ x 2¼″

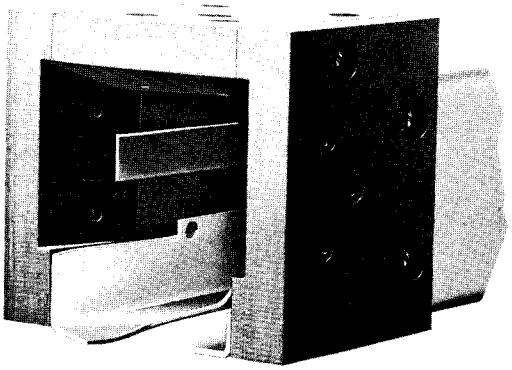
Plain Tool Hangers are designed for use with "Standard," "Button," "Roller," or "Heavy-Duty" Trolleys. When trolleys with Plain Tool Hangers are used the curved sections of Industrial Trol-E-Duct should not be less than 5′ in radius. Plain Tool Hangers are assembled on trolleys at the factory and the two items are shipped as one unit ready for installation.

INDUSTRIAL TROL-E-DUCT®

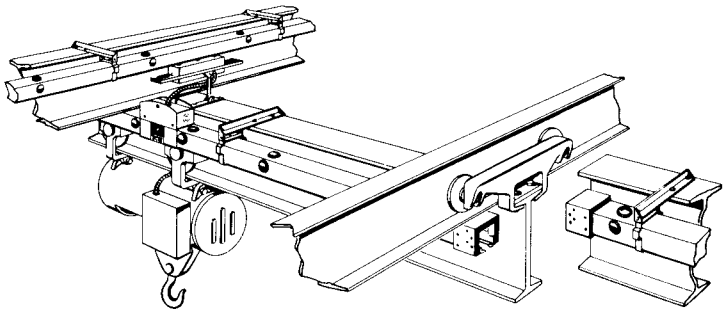
POLARIZING BAR, FLARED END SECTIONS



Polarizing Bar is used for installations requiring a continuous polarization to prevent accidental reversal. This feature is necessary on all installations using Detachable Trolleys, or when Standard ITD trolleys are used on DC systems or 3 ∅ AC systems on which the trolleys will enter the duct through end plates rather than drop-out doors. The "Z" bar provides polarization for all trolleys permitting Standard and Detachable Trolleys to be used on the same run. The "Z" bar is secured against the duct by the Intermediate Hangers.



Flared-end sections—A typical bridge crane installation may have one or several switching points. At these points, a Transfer Trolley is required to pass across a gap in the system. Flared ends are required at each switching point to assist the Transfer Trolley in bridging the gap. These pieces are basically designed to act as a funnel so that the unsupported end of the trolley does not drop or bind when transferring.

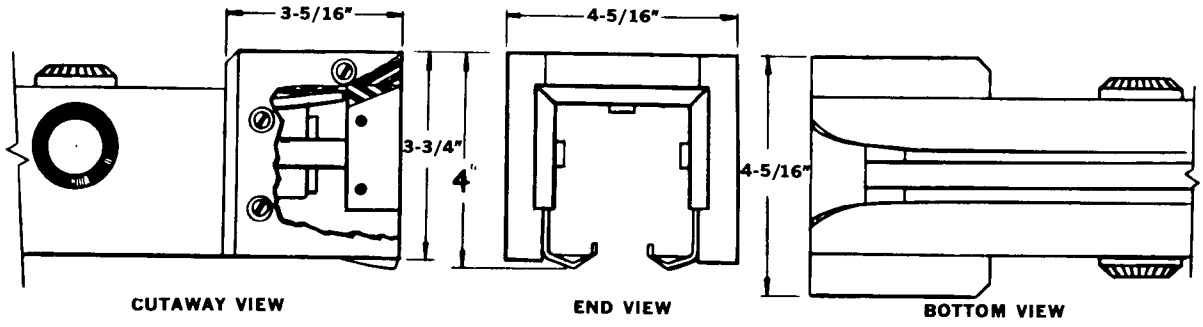


Typical bridge crane application using
Industrial Trol-E-Duct

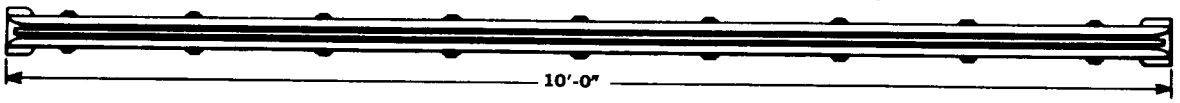
INDUSTRIAL TROL-E-DUCT®

DIMENSIONAL DATA

FLARED-END DUCT SECTIONS



FLARED ENDS ON BOTH ENDS OF STANDARD 10' SECTIONS



FLARED END ON ONE END ONLY OF STANDARD 10' SECTION