

STANLEY®



Crimping Tools

1650 CT SERIES

US Pat. 6490962



CT04



CT06



CT10 STANLEY®



CT15

CT04 STANLEY® SE4 (*shown*) is a small and lightweight tool ideal for service entrance termination and underground crimping. It accepts 90% of available service entrance connectors and accommodates wires up to 4/0 in (13 mm) diameter. It is compatible with the following tooling and die application:

Anderson, VC6-L, VC6-L-SN, VC6-LU, VFC6-LR, VC6-LR-SN, ND58-OL

Burndy, MD-6-8, MD6R, MD6-6R, MD6-6R-2, MD6-AH48, MD6-6AH48 and MD6-8AH48

Huskie, CN58, CN58H, CN-258, REC-58 ("W" dies), FND-0, ND-0, ND-BG

Kearney, 0-51 and 0-52, PH-1

CT06 Anderson (*shown*) uses an Anderson Die-Less head designed for use with Anderson-style connectors. It is Compatible with the fol-

lowing tooling and die application:

Anderson, VC6-FT, VC6-FTV, VC6-FTR, and VC6-FTVR

CT10 Burndy (*not shown*) accepts standard Burndy U-type dies. It is compatible with the following tooling and die application:

Burndy, Y35, L, H

Alcoa, 12A, 12AC, 12HA, 12HAC and 30A

Anderson, HC-12 and HC-12H

Greenlee, 1985

Huskie, EP410, EP410T, EP430, EP510, EP410HT, RP410H, EP510H, PDY-1220 and PDY-1216

Thomas & Betts, 12 Ton

Teledyne, TPU-12 BH

CT10 Kearney (*not shown*) accepts standard Kearney dies. It is compatible with the following tooling and die application:

Kearney, PH2, WH3

Huskie, EP510K and EP510HK

CT10 STANLEY® 1½ in. (*shown*) with its unique C-frame opening of 1½ inches permits the operator to crimp material up to 750 MCM aluminum or copper cable. The larger opening can eliminate the need for larger, more expensive 15 ton tools when crimping large connectors that don't require 15 tons of die load. The CT10 STANLEY® accepts standard Burndy U-type dies. It is compatible with the following application:

Burndy, Y35, Y750 BH

Alcoa, 12A, 12AC, 12HA, 12HAC and 30A

Anderson, HC-12 and HC-12H

Greenlee, 1985

Huskie, EP410, EP410T, EP430, EP510, EP410HT, RP410H, EP510H, PDY-1220 and PDY-1216

Thomas & Betts, 12 Ton

CT15 Universal (*shown*) Universal head model uses die holders that allow the tool to accommodate either Burndy, Kearney or T&B tooling. It will accept the following dies:

Burndy, Y46, Y35

Kearney, PH2, PH14

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STANLEY®

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Features and Benefits

Crimping connectors with the Stanley Hydraulic Tools CT Series crimpers is quick and easy. They are 5-10 times faster than hand-pumped tools and more than twice as fast as high pressure double acting crimpers.

The CT Crimpers require no booster or intensifier which means they can be operated directly from the hydraulic circuits already installed on your line trucks, or from a dedicated power unit, or from one of the STANLEY® lightweight, portable HP Power Units.

Simple and Reliable Design. The

CT Series of crimpers use few moving parts, provide years of reliable performance, low maintenance, and quick repairs.

Swivel Design on all models provides 360° continuous rotation of the die head for easy alignment to give higher quality crimps.

1650 Models allow the use of the CT on almost any hydraulic system of at least 1,650 psi (114 bar). An accurate, built in relief valve ensures that at these system pressures and higher, a full die load is achieved preventing

over-crimping. 1650 CTs will lower tool inventory and improve fleet utilization while providing quick, reliable crimps.

Patented Open-Center/Closed-Center Selector permits use of the CT Series Crimpers on either type of hydraulic system. The selection may be easily made with common tools.

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OPERATION, PERFORMANCE and ORDERING INFORMATION

ITEM	CT04 STANLEY SE4	CT06 ANDERSON	CT10 BURNDY
Capacity (Conductor Range)	#6-4/0	#10-750 MCM Aluminum A#10-500 MCM Copper	500 MCM Copper 636 MCM Aluminum 556.5 ACSR
Weight	12.0 lb / 5.4 kg	13.0 lb / 5.9 kg	17.0 lb / 7.7 kg
Length	20 in. / 50.8 cm	20 in. / 50.8 cm	22 in. / 56.9 cm
Width	3.75 in. / 95.25 mm	7.25 in. / 18.4 mm	7 in. / 17.8 mm
Flow Range	3-9 gpm / 11-34 lpm	3-9 gpm / 11-34 lpm	3-9 gpm / 11-34 lpm
Hydraulic Porting	-8 SAE	-8 SAE	-8 SAE
Compression Tooling	Kearney "D" Nest Dies Kearney "O" Dies Burndy "W" Dies	Anderson VC-FTVR	Burndy Y35 U-Dies
Crimping Force Developed	4.4 ton / 4000 kg	6 ton / 5443 kg	12 ton / 10,900 kg
Model	CT04016N	CT06026N	CT10016N

Glossary: ACSR = Aluminum-conductor, steel-reinforced wire

M = Thousands

CM = Circular mils - unit of area of a circle one mil (.001 inch) in diameter

MCM = Thousand circular mils - unit of measure used to describe conductor size larger than 4/0 wire gauge

Choosing the Correct Tool For Your Application.

- Determine the head type and dies you intend to use. There is a CT head combination that will accept most of the dies you are already using.
- Determine the operating pressure of your hydraulic power source. This is important since these tools are designed and built for operation within specific hydraulic system parameters.
- The hydraulic system you intend to use must fall within the following nominal specifications: 1,650 psi/114 bar to 2500 psi/172 bar.



OPERATION, PERFORMANCE and ORDERING INFORMATION

CT10 KEARNEY	CT10 KEARNEY 1½"	CT10 STANLEY 1½"	CT15 UNIVERSAL
Tension Fitting 477 26/7 ACSR Terminals thru 1033 MCM Straight Aluminum	Tension Fitting 477 26/7 ACSR Terminals thru 1033 MCM Straight Aluminum	750 MCM Copper 750 MCM Aluminum	1500 MCM Copper 1000 MCM Aluminum 795 MCM ACSR
17.0 lb / 7.7 kg	18.5 lb / 8.4 kg	19.0 lb / 8.6 kg	30 lb / 13.6 kg
22 in. 56.9 cm	22 in. / 56.9 cm	22 in. / 56.9 cm	29 in. / 73.7 cm
7 in. 17.8 mm	7 in. / 17.8 mm	7 in. / 17.8 mm	7 in. / 17.8 mm
3-9 gpm 11-34 lpm	3-9 gpm / 11-34 lpm	3-9 gpm / 11-34 lpm	3-9 gpm / 11-34 lpm
-8 SAE	-8 SAE	-8 SAE	-8 SAE
Kearney PH2	Kearney WH3	Burndy Y-35 U-Dies	Burndy Y-46 Kearney PH2, PH14
11 ton / 10,000 kg	12 ton / 10,900 kg	12 ton / 10,900 kg	15 ton / 13,600 kg
CT10056N	CT10056DN	CT10066AN	CT15036UN

Note: Weights, dimensions and operating specifications listed on this sheet are subject to change without notice. Where specifications are critical to your application, consult the factory.

ORDERING INFORMATION

SEE INSIDE CHART

ACCESSORIES

PART NO.	DESCRIPTION
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Die Holders for CT15036UN Universal Head Model

33704 Die Holder, 12T Burndy

33705 Die Holder, PH2 Kearney

33707 Die Holder, Y46 Burndy

NOTE: No holder required for Kearney PH4, PH14 Dies

WARRANTY

Stanley Hydraulic Tools and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. Stanley Hydraulic Tools reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

All Stanley Hydraulic Tools, parts, accessories and allied equipment are subject to design improvements, specification and price changes at any time without notice and with no obligation to units already sold. Weights, dimensions and operating specifications listed herein are subject to change without notice. Where specifications are critical to your applications, please consult Stanley Hydraulic Tools.

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