



Auto Connectors

DT/DTM/DTP



DEUTSCH



DT



DTP



DTM

Milspectool



Field Proven Reliability

Deutsch's rugged all-metal bodies and corrosion resistant thermoplastic shells are manufactured from high quality materials selected for their ability to withstand years of environmental exposure.

Deutsch connectors are available in rectangular and cylindrical body shapes and feature :

- Wide operating temperature range.
- Secure locking mechanisms.
- Positive contact retention system.



Deutsch silicone seals and grommets fit tightly around the wire insulation and at the connector interface to provide redundant barriers to contamination.

In order to create a reliable environmental seal and ensure continuity of flow, Deutsch seals:

- Are resistant to most common industrial and engine fluids.
- Retain their flexibility across a wide temperature range.
- Never require potting or dielectric grease.



With integrated seals that are designed to work with multiple wire gauges, Deutsch connectors simplify design and inventory management, and provide exceptional performance in critical environments.

Common Contact System

The Deutsch Industrial Common Contact System is a unique system of interchangeable and intermateable contacts that can be used in many Deutsch Industrial connectors.

Contacts are available in Solid or Stamped & Formed (F-Crimp) styles, with plating options including gold or nickel.

Easy-to-use indent crimpers create a gas tight crimp that is resistant to oxidation. This high-quality crimp allows Deutsch contacts to provide reliable, low resistance power and data transmission.



Stamped and Formed (F-Crimp)

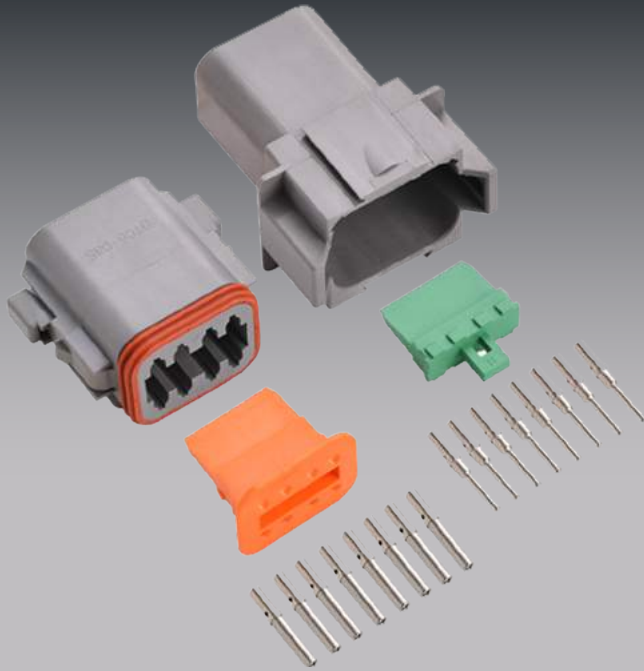


Solid



Deutsch - DT Series

DT Series



- Industry proven, for Auto/Truck/Motorsport.
- Environmentally sealed.
- 2, 3, 4, 6, 8 and 12 cavity arrangements.
- Multiple housing options available.
- Rectangular, thermoplastic housing.
- Latched mating.
- Wedgelocks assure contact alignment and retention.
- Accepts size 16 contacts, each with 13A continuous capacity.
- Available in 'Grab Kits' in Solid Green Band, Solid - Gold plated, and F-Crimp contact options.
- CAT-Spec kit option.
- Each Grab Kit contains all components required to make both sides of a connection.

Housing :	Thermoplastic
Seal :	Silicon Rubber
Wedgelocks :	Thermoplastic
Contact Size :	16
Contact Rating :	13A @ 125°C
Shock :	50G
Vibration :	20G rms 10 - 2000Hz
Operating Temperature :	-55° C to 125°C

Part Numbering System

DT 04 - 08 P A - E008

Series Pre fix :

DT Series - DT

Connector Style :



Receptacle - 04



Plug - 06

Number of Cavities

2
3
4
6
08
12

Contact Type

Pins - P
Sockets - S

Special Modifications :

- blank - no modification.
- C015 - Reduced diameter seal (E Seal).
- E005 - Receptacle with protective end cap. Black.
- E008 - Shrink boot adaptor.
- EP06 - Plug with enhanced seal retention and end cap.
- EP08 - Plug with enhanced seal retention and end cap. Black.
- L012 - Flange mount.
- P012 - Enhanced seal retention.

Keying Options :

- blank - no keying
- A - Grey housing
- B - Black housing**
- C - Green housing
- D - Brown housing

Keying Option is only available with 08 and 12 cavity housings.

Deutsch - DT Series

DT0 X-2X



2 x size 16

DT0 X-3X



3 x size 16

DT0 X-4X



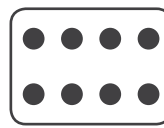
4 x size 16

DT0 X-6X



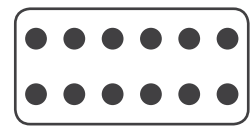
6 x size 16

DT0 X-08 XX



8 x size 16
A, B, C, D

DT0 X-12 XX



12 x size 16
A, B, C, D

DT Series - Popular Components

Circuits	Receptacle Components			Circuits	Plug Components		
	Housing	Wedge	Size 16 Pin - Nickel		Housing	Wedge	Size 16 Socket - Nickel
2	DT04 -2P	W2P	04 60 -202 -16141 AWG16-20 / 0.5-1.0mm ²	2	DT06 -2S	W2S	04 62- 201 -16141 AWG16-20 / 0.5-1.0mm ²
3	DT04 -3P	W3P	Green Band	3	DT06 -3S	W3S	Green Band
4	DT04 -4P	W4P	0460 - 215 -16141	4	DT06 -4S	W4S	0462 - 209 -16141
6	DT04 -6P	W6P	AWG14 / 1.0-2.0mm ²	6	DT06 -6S	W6S	AWG14 / 1.0-2.0mm ²
8	DT04 -08 PA	W8P	114 017	8	DT06 -08 SA	W8S	114 017
12	DT04 -12 PA	W12P	Sealing Blank	12	DT06 -12 SA	W12S	Sealing Blank

For details on contacts & more options see page for contact.

Special Modifications



DT04-6P-E005



DT06-08SA-EP06



DT06-12SA-EP08

E005, EP06 & EP08

E005 - Receptacle with protective end cap. Black.

EP06 - Plug with enhanced seal retention (using P012 wedgelock) and end cap.
2, 3, 4 & 6 cavity - Black. 8 & 12 cavity - Grey.

EP08 - Plug with enhanced seal retention (using P012 wedgelock) and end cap. Black. 8 & 12 cavity only.

The 3 modified DT series connector housings with suffix E005, EP06 & EP08 are typically referred to as 'CAT-Spec', short for CATERPILLAR Specification.

These modified DT series connector housings are used on most Caterpillar mining machinery as an OEM standard connector.

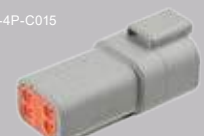
At a glance, they are black, include improved seal retention on the plug (DT06 side, by using the P012 wedge lock), and a cap on the rear of the housing to retain the connectors rear wire seal.

Note, the 8 and 12 cavity versions of EP06 are exempt from this classification as these are grey.

C015

The C015 modification offers a reduced diameter insert cavity allowing for a proper seal with smaller wire insulation.

DT04-4P-C015



E008

Adapted to securely accept shrink tubing.

DT04-2P-E008



L012

Flange Mount.
Not available with 6 cavity connectors.

DT04-2P-L012



P012

The P012 plugs provide enhanced front seal retention providing an ultra tight environmental seal.



Deutsch - DT Series



DT3

Size 16 Green Band Contacts
 Size 16 solid contacts are available to suit 2 wire sizes.
 Contacts with the green band marking accept the larger wire size of AWG14 / 1.0 - 2.0mm².

0460-215-16141 0462-209-16141

DT Series - 'Grab Kits'

Connector Type	Contacts Type	Size	No. of Cavities					
			2	3	4	6	8	12
Standard	F-Crimp	16	DT2	DT3	DT4	DT6	DT8	DT12
Standard	Solid - Green Band	16	DT2-1	DT3-1	DT4-1	DT6-1	DT8-1	DT12-1
Standard	Solid	16	DT2-3	DT3-3	DT4-3	DT6-3	DT8-3	DT12-3
CAT-Spec	Solid - Green Band	16	DT2-1-CAT	DT3-1-CAT	DT4-1-CAT	DT6-1-CAT	DT8-1-CAT	DT12-1-CAT
CAT-Spec	Solid - Gold Plated	16	DT2-4-CAT	DT3-4-CAT	DT4-4-CAT	DT6-4-CAT	DT8-4-CAT	DT12-4-CAT

- Contents:
- Receptacle & wedge
 - Plug & wedge
 - Contacts - Pin
 - Contacts - Socket

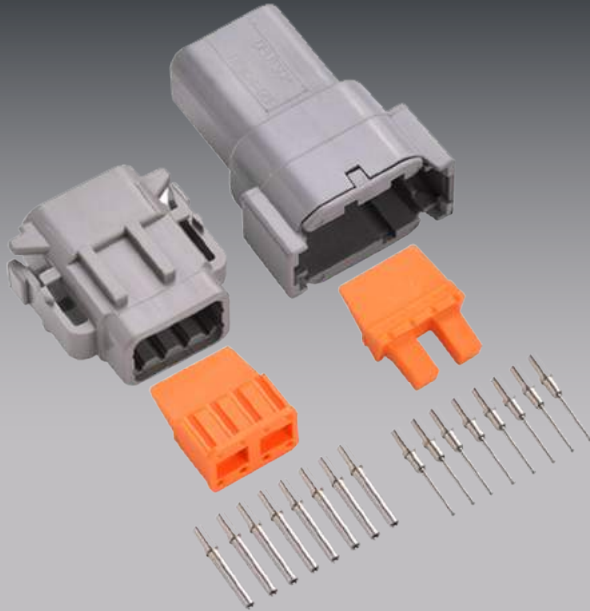


DT Series - Wedge locks

Cavities	Receptacles						Plugs					
	2	3	4	6	8	12	2	3	4	6	8	12
Standard	W2P	W3P	W4P	W6P	W8P	W12P	W2S	W3S	W4S	W6S	W8S	W12S
Enhanced Seal							W2S-P012	W3S-P012	W4S-P012	W6S-P012	W8S-P012	W12S-P012
"A" Keyed	W2PA						W2SA					

Deutsch - DTM Series

DTM Series



- Industry proven, for Auto/Truck/Motorsport.
- Environmentally sealed.
- 2, 3, 4, 6, 8 and 12 cavity arrangements.
- Rectangular, thermoplastic design.
- Latched mating.
- Wedgelocks assure contact alignment and retention.
- Accepts size 20 contacts, each with 7.5 A continuous capacity.
- Available in 'Grab Kits' in Solid, and Solid - Gold plated contact options.
- Each Grab Kit contains all components required to make both sides of a connection.

Housing :	Thermoplastic
Seal :	Silicon Rubber
Wedgelocks :	Thermoplastic
Contact Size :	20
Contact Rating :	7.5A @ 125°C
Shock :	50G
Vibration :	20G rms 10 - 2000Hz
Operating Temperature :	-55 °C to 125°C

Part Numbering System

DTM 06 - 12 S A - E007

Series Prefix :
DTM Series - DTM

Connector Style :



Receptacle - 04

Plug - 06

Number of Cavities

2
3
4
6
08
12

Special Modifications :
blank - no modification.
E007 - Shrink boot adaptor.

Keying Options :
blank - no keying
A - Grey housing
B - Black housing
C - Green housing
D - Brown housing

Pins - P
Sockets - S Contact Type

Keying Option is only available with 08 and 12 cavity housings.

Special Modifications

DTM04-2P-E007

E007
Adapted to securely accept shrink tubing.



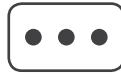
Deutsch - DTM Series

DTM0 X-2X



2 x size 20

DTM0 X-3X



3 x size 20

DTM0 X-4X



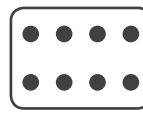
4 x size 20

DTM0 X-6X



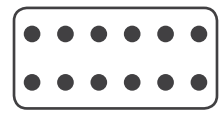
6 x size 20

DTM0 X-08 XX



8 x size 20
A, B, C, D

DTM0 X-12 XX



12 x size 20
A, B, C, D

DTM Series - Popular Components

Circuits	Receptacle Components			Plug Components		
	Housing	Wedge	Size 20 Pin - Nickel	Housing	Wedge	Size 20 Socket - Nickel
2	DTM04-2P	WM2P	0460 - 202 - 20141 AWG20 / 0.2-0.5mm ²	DTM06-2S	WM2S	0462 - 201 - 20141 AWG20 / 0.2-0.5mm ²
3	DTM04-3P	WM3P		DTM06-3S	WM3S	
4	DTM04-4P	WM4P		DTM06-4S	WM4S	
6	DTM04-6P	WM6P		DTM06-6S	WM6S	
8	DTM04-08 PA	WM8P	0413 - 204 - 2005	DTM06-08 SA	WM8S	0413 - 204 - 2005
12	DTM04-12 PA	WM12P	Sealing Blank	DTM06-12 SA	WM12S	Sealing Blank

For details on contacts & more options pls contact us.



DTM4-1

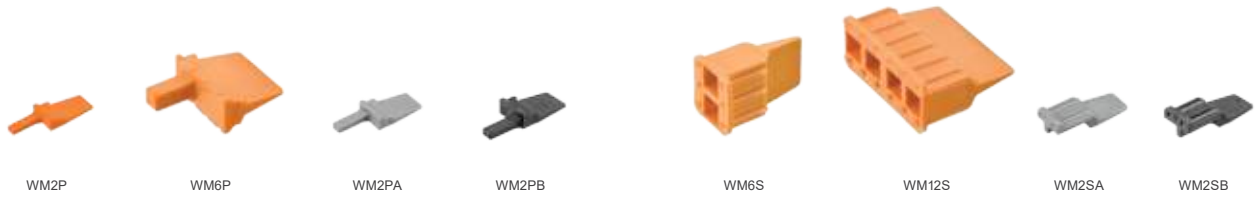


DTM Series - 'Grab Kits'

Contact Type	Size	No. of Cavities					
		2	3	4	6	8	12
Solid	20	DTM2-1	DTM3-1	DTM4-1	DTM6-1	DTM8-1	DTM12-1
Solid - Gold Plated	20	DTM2	DTM3	DTM4	DTM6	DTM8	DTM12

Contents:
 • Receptacle & wedge
 • Plug & wedge
 • Contacts - Pin
 • Contacts - Socket

Deutsch - DTM Series



DTM Series - Wedge locks

Cavity	Receptacles						Plugs					
	2	3	4	6	8	12	2	3	4	6	8	12
Standard	WM 2P	WM 3P	WM 4P	WM 6P	WM 8P	WM 12P	WM 2S	WM 3S	WM 4S	WM 6S	WM 8S	WM 12S
"A" Keyed	WM 2PA						WM 2SA					
"B" Keyed	WM 2PB						WM 2SB					



NEW DTM Series - Accessories - Insulators/Boots

Cavities	2	3	4	6	8	12
Receptacles	DTM 2P-BT	DTM 3P-BT	DTM 4P-BT	DTM 6P-BT	DTM 8P-BT	DTM 12P -BT
Plugs	DTM 2S-BT	DTM 3S-BT	DTM 4S-BT	DTM 6S-BT	DTM 8S-BT	DTM 12S -BT



DTM Series - Mounting Clips

Part No.	Suits	Mounting Direction	Colour / Material	Mounting Hole Ø (mm)
1011- 026 -0205	All except 8 cavity	Straight	Grey plastic	5
1011- 027 -0805	8 cavity connectors only	Straight	Grey plastic	5
1027- 001 -0800	8 cavity connectors only	Straight	Stainless steel	11
1027- 003 -1200	All except 8 cavity	Straight	Stainless steel	11
1027- 005 -1200	All except 8 cavity	Straight	Stainless steel	13
1027- 008 -1200	All except 8 cavity	Side	Zinc plated steel	11

Deutsch - Assortment Kits

- Convenient on site service kits containing assortments of DT and DT Series Cat spec connectors and contacts.(DTM Series as well)
- DTKIT-2 includes crimp tool and multi-use removal tool.
- Solid and Stamped & Formed (F-Crimp) contact kits available.
- Contents clearly illustrated.



DTKIT-1

Housing : Thermoplastic
 Seal : Silicon Rubber
 Wedgelocks : Thermoplastic
 Contact : Copper Alloy
 Contact Finish : Nickel
 Contact Rating : 13A @ 125°C
 Shock : 50G
 Vibration : 20G rms 10 - 2000Hz
 Operating Temperature : -55° C to 125° C

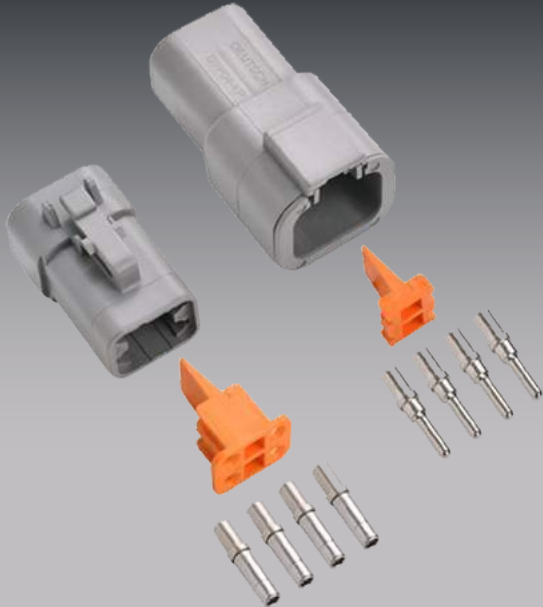


Assortment Kits - DT/DTM Series

Part No.	Description	Contents		
DTKIT	F-Crimp contacts. Standard DT Series connectors.	Receptacle & Wedge : 3 x DT04-2P 3 x DT04-3P 2 x DT04-4P 1 x DT04-6P 1 x DT04-08PA 1 x DT04-12PA	Plug & Wedge : 3 x DT06-2S 3 x DT06-3S 2 x DT06-4S 1 x DT06-6S 1 x DT06-08SA 1 x DT06-12SA	Contacts & Blanks : 12 x 114017 Sealing Blank 40 x 1060-16-0122L F-Crimp Pin 40 x 1062-16-0122L F-Crimp Socket
DTKIT-1	Solid contacts. Standard DT Series connectors.	Receptacle & Wedge : 3 x DT04-2P 3 x DT04-3P 2 x DT04-4P 1 x DT04-6P 1 x DT04-08PA 1 x DT04-12PA	Plug & Wedge : 3 x DT06-2S 3 x DT06-3S 2 x DT06-4S 1 x DT06-6S 1 x DT06-08SA 1 x DT06-12SA	Contacts & Blanks : 12 x 114017 Sealing Blank 40 x 0460-215-16141 Solid Pin - Band 40 x 0462-209-16141 Solid Socket - Band

Deutsch - DTP Series

DTP Series

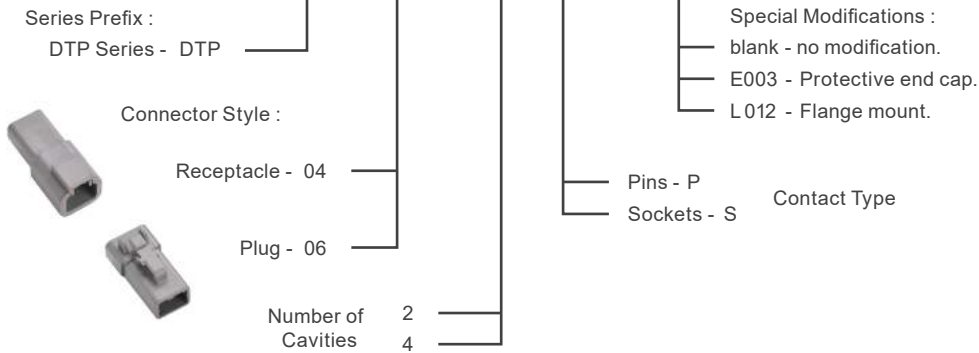


- Industry proven, for Auto/Truck/Motorsport.
- Environmentally sealed.
- Available in 2 and 4 cavity arrangements.
- Rectangular, thermoplastic design.
- Latched mating.
- Wedgelocks assure contact alignment and retention.
- Accepts size 12 contacts, each with 25 A continuous capacity.
- Available in 'Grab Kits' in Solid, and Solid - Gold plated contact options.
- Each pack contains all components required to make both sides of a connection.

Housing :	Thermoplastic
Seal :	Silicon Rubber
Wedgelocks :	Thermoplastic
Contact Size :	12
Contact Rating :	25A @ 125°C
Shock :	50G
Vibration :	20G rms 10 - 2000Hz
Operating Temperature :	-55 °C to 125°C

Part Numbering System

DTP 04 - 02 P - E003



Special Modifications



DTP04-2P-E003

E003

The E003 modification offers a protective end cap attached to the rear of the connector.



DTP06-4S-E003

DTP04-4P-L012



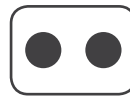
L012

Flange Mount.

Deutsch - DTP Series

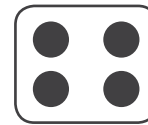
For details on contacts & more options pls contact us.

DTP0X-2X



2 x size 12

DTP0X-4X



4 x size 12

DTP Series - Popular Components

Circuits	Housing	Receptacle Components		Housing	Plug Components	
		Wedge	Size 12 Pin - Nickel		Wedge	Size 12 Socket - Nickel
2	DTP04 -2P	WP2P	04 60- 204 -12141 AWG12-14 / 2.0-3.0mm ²	DTP06- 2 S	WP2S	04 62- 203 -12141 AWG12-14 / 2.0-3.0mm ²
4	DTP04 -4P	WP4P	114 0 17 Sealing Blank	DTP06- 4 S	WP4S	114 0 17 Sealing Blank



DTP Series - 'Grab Kits'

Contact Type	Size	No. of Cavities		Contents:
		2	4	
Solid	12	DTP2-1	DTP4-1	• Receptacle & wedge • Plug & wedge • Contacts - Pin • Contacts - Socket
Solid - Gold Plated	12	DTP2-4	DTP4-4	



DTP Series - Wedgelocks

Cavity	Receptacles		Plugs	
	2	4	2	4
Part No.	WP 2P	WP 4P	WP 2S	WP 4S



DTP Series - Mounting Clips

Part No.	Suits	Mounting Direction	Colour / Material	Mounting Hole Ø (mm)
1011- 026 -0205	All DTP Series	Straight	Grey plastic	5
1027- 003 -1200	All DTP Series	Straight	Stainless Steel	11
1027- 005 -1200	All DTP Series	Straight	Stainless Steel	13
1027- 008 -1200	All DTP Series	Side	Zinc Plated Steel	11

Deutsch - Contacts & Plugs

Contacts & Plugs



- Superior material selection combined with mechanical CAD/CAM design.
- Exceed demands of today's industrial electrical systems.
- Exceptional durability, performance, corrosion and oxidation resistance.
- Made from high quality copper alloys, finished with nickel, tin or gold plating.
- Solder is not recommended, eliminating potential flux corrosion.
- No retention tangs required, eliminating potential contact damage.

Material : Copper Alloy
 Finish : Nickel (standard), Gold (optional)

Bulk packaged quantities calculated by weight, a +/- 2% variation acceptable.

Solid Contacts

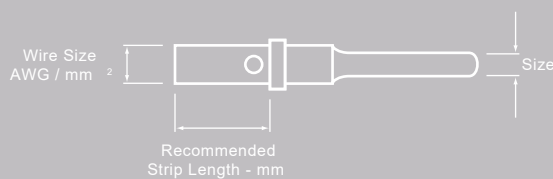


Deutsch solid contacts are designed for use with larger wire size and heavy duty applications. Solid contacts are manufactured using a cold heading process with solid copper alloy wire and are available with either a nickel or gold plating finish.

Solid contacts terminate wire from 6 AWG to 20 AWG (13 - 0.5mm²) and are available in 5 sizes each of the pin and socket. The applicable contact is determined by the size of the conductor only.

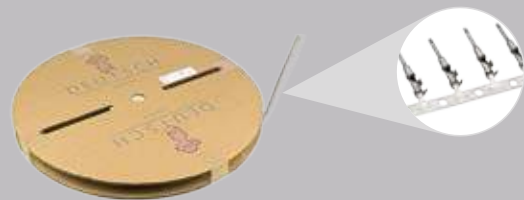
Green Band Contacts

Size 16 solid contacts are available to suit 2 wire sizes. Contacts with the green band marking accept the larger wire size of 14 AWG (1.0 - 2.0mm²).



Solid style contacts are sold in bulk.
 Bulk packaged quantities calculated by weight, a +/- 2% variation acceptable.

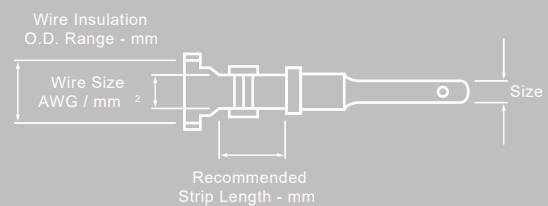
Stamped & Formed Contacts (F-Crimp)



Deutsch stamped & formed contacts are designed for use where wire termination costs are of primary concern without sacrificing reliability of electrical circuits. The stamped & formed contacts are made on a precision stamping machine using flat strip stock, then a durable and corrosion proof nickel, or optional gold plating is applied.

The stamped & formed style contacts terminate wire from 10 AWG to 22 AWG (6.0 - 0.35mm²) and are available in multiple sizes to accommodate a wide range of wire insulation.

The specific contact is determined by the outside diameter of wire insulation and conductor size.



Stamped & formed contacts are available as cut strips or in complete reels.

Deutsch - Contacts & Plugs

0460-202-20141



0462-201-2031



0460-215-16141



0462-203-08141



0460-204-0490

Contacts - Solid

Size	Pin	Part No.		Plating	Wire Size		Recommended Strip Length (mm)	Max. Rated A @ 125° Continuous
		Pin	Socket		AWG	mm ²		
20	0460- 202 -2031	0462- 201 - 2031		Gold	20	0.2 - 0.5	4.0 - 5.5	7.5
	0460- 202 -20141	0462- 201 - 20141		Nickel				
16	0460- 202 -1631	0462- 201 - 1631		Gold	16 - 20	0.5 - 1.0	6.4 - 8.0	13
	0460- 202 -16141	0462- 201 - 16141		Nickel				
16 Green Band	0460- 215 -1631	0462- 209 - 1631		Gold	14	1.0 - 2.0	6.4 - 8.0	13
	0460- 215 -16141	0462- 209 - 16141		Nickel				
12	0460- 220 -1231	0462- 210 - 1231		Gold	12 - 14	2.0 - 3.0	5.6 - 7.2	25
	0460- 204 -12141	0462- 203 - 12141		Nickel				
8	0460- 204 -08141	0462- 203 - 08141		Nickel	8 - 10	5.0 - 8.0	11.0 - 12.5	60
4	0460- 204 -0490	0462- 203 - 04141		Nickel	6	13.0	11.0 - 12.5	100



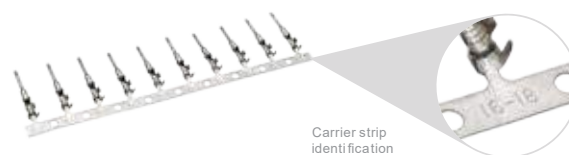
1062-20-0122



1060-16-0122



1062-12-0222



Carrier strip identification

Contacts - Stamped & Formed (F-Crimp)

Size	Pin	Part No.		Plating	Wire Size		Wire Insulation O.D. Range (mm)	Recommended Strip Length (mm)	Max. Rated A @ 125° Continuous
		Pin	Socket		AWG	mm ²			
20	1060- 20 -0122	1062- 20 -0122		Nickel	16 - 22	0.25 - 1.5	1.91 - 3.15	4.0 - 5.0	7.5
	1060- 20 -0144	1062- 20 -0144		Gold					
16	1060- 14 -0122	1062- 14 -0122		Nickel	14 - 18	0.75 - 2.0	2.41 - 3.81	3.8 - 5.0	13
	1060- 14 -0144	—		Gold					
	1060- 16 -0122	1062- 16 -0122		Nickel	14 - 18	0.75 - 2.0	1.91 - 3.55	3.8 - 5.0	
	—	1062- 16 -0144		Gold					
	1060- 16 -0622	1062- 16 -0622		Nickel	16 - 20	0.5 - 1.0	1.40 - 2.54	3.8 - 5.0	
	—	1062- 16 -1222		Nickel					
12	1060- 12 -0222	1062- 12 -0222		Nickel	10 - 12	4.0 - 6.0	3.56 - 5.18	5.8 - 7.0	25
	1060- 12 -0166	1062- 12 -0166		Tin/Nickel					



Sealing plugs are used to seal the connector when all the cavities are not used by wires



114019



114018



114017



0413-204-2005

Sealing Plugs

Part No.	Contact Size	Wire Gauge Range (AWG)	Material
114 019	4	6	Rubber
114 018	8	8-10	Plastic
114 017	12-16	12-20	Plastic
0413- 204 -2005	20	20	Plastic

Deutsch - Contacts & Plugs

Contact Performance Specifications

Current Rating @ 125°C Continuous

Size	Maximum Current (A)
20	7.5
16	13
12	25
8	60
4	100

Contact Millivolt Drop

Size	Test Current (A)	Solid (mV)	Stamped & Formed * (mV)
20	7.5	60	100
16	13	60	100
12	25	60	100
8	60	60	N/A
4	100	60	N/A

* less drop through wire

Crimp Tensile Strength

Size	Tensile Strength (lbs)
20	20
16	25
12	70
8	90
4	300

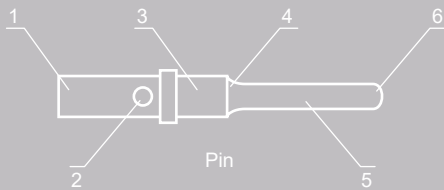
Contact Retention

Size	lbs	N
20	20	89
16	25	111
12	30	133
8	35	156
4	35	156

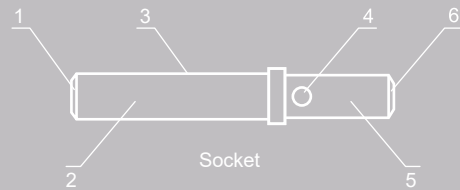
Durability

No electrical or mechanical defects after 100 cycles of engagement and disengagement.

Solid Contacts

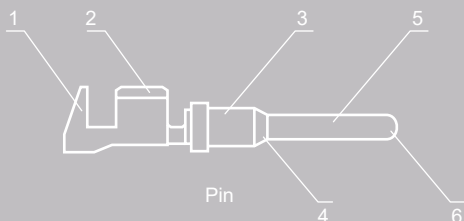


- 1 - Wire lead-in chamfer to aid wire insertion.
- 2 - Inspection hole.
- 3 - Maximum diameter to prevent bending.
- 4 - Radius for added strength.
- 5 - Smooth finish to minimise mating forces.
- 6 - Radius for smooth engagement and reduced misalignment.

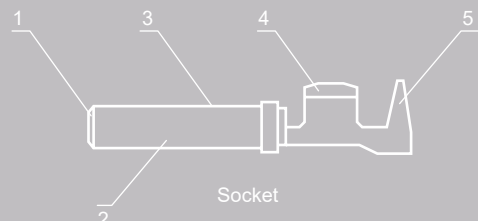


- 1 - Closed entry to prevent probe damage and prevent misalignment, chamfered lead-in to prevent misalignment.
- 2 - Durable tines for superior electrical performance.
- 3 - Stainless steel sleeve for maximum socket tine protection.
- 4 - Inspection hole.
- 5 - Crimp barrel.
- 6 - Wire lead-in chamfer to aid wire insertion.

Stamped & Formed Contacts (F-Crimp)



- 1 - Insulation wings for insulation support.
- 2 - Conductor wings for minimal contact resistance.
- 3 - Maximum diameter to prevent bending.
- 4 - Chamfered for added strength.
- 5 - Smooth finish to minimise mating forces.
- 6 - Radius for smooth engagement and reduced misalignment.



- 1 - Closed entry to prevent probe damage and prevent misalignment, chamfered lead-in to prevent misalignment.
- 2 - Durable tines for superior electrical performance.
- 3 - Stainless steel sleeve for maximum socket tine protection.
- 4 - Conductor wings for minimal contact resistance.
- 5 - Insulation wings for insulation support.

Deutsch - Contacts & Plugs

Contact Insertion

Step 1

Hold crimped contact approximately 25mm behind the contact barrel.



Step 2

Hold connector with rear grommet toward the contact. Push contact into connector grommet until a click is felt. Gently pull back to confirm contact is locked in place.



Step 3

Once all contacts are in place, insert wedgelock. The wedgelock will snap into place securing the contacts.



Contact Removal

Step 1

With the rear insert toward you, snap appropriate size removal tool over the wire of contact to be removed.



Step 2

Slide tool along the wire into the insert cavity until it engages the contact and resistance is felt.



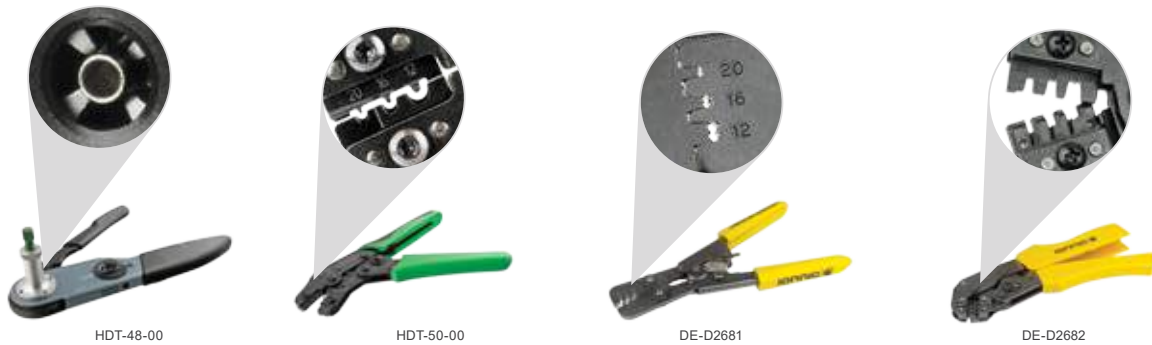
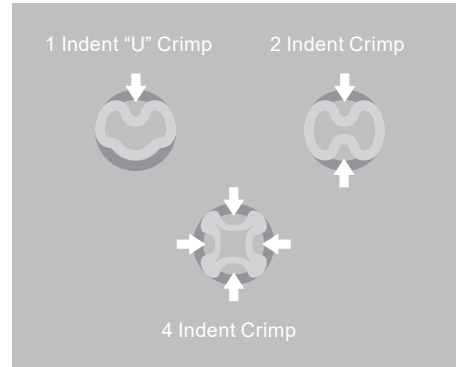
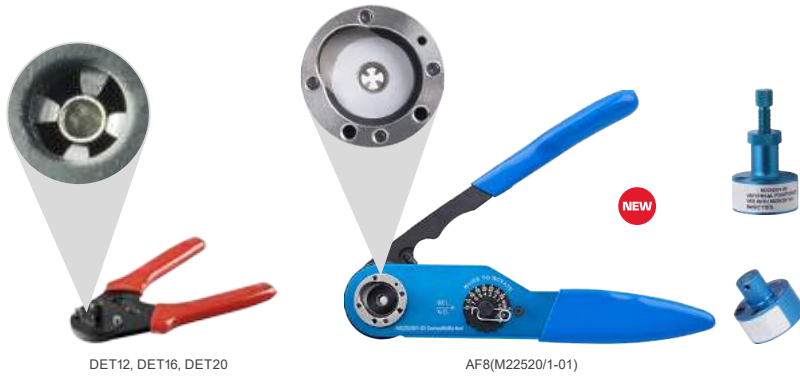
Step 3

Pull contact wire assembly out of connector.





- Hand crimp tools for solid contacts.
- Tight, complete crimp with minimal effort.
- HDT-48-00 crimps a wide range of contact sizes with no need to change out dies or locators.
- Contact will not release until a full crimp is completed.



Hand Tool for Solid Contacts

Part No.	Crimps Size	Description
DET12	12	4 indent crimper
DET16	16	4 indent crimper
DET20	20	4 indent crimper
AF8	14-26	4 indent crimper
HDT-48-00	16, 20 & 22	4 indent crimper
HDT-50-00	12, 16 & 20	1 indent crimper "U" crimp
DE-D26 81	12, 16 & 20	2 indent crimper
DE-D26 82	12, 16 & 20	2 indent crimper

Crimping with the DET12, DET16 & DET20

Step 1

1. Ensure tool is reset by completely depressing handles.
2. Strip insulation from wire.
3. Insert contact into the appropriate size tool barrel up.



Step 2

1. Depress handles until contact is held but not crimped.



Step 3

- Place the stripped end of the wire in the crimp barrel, ensuring there are no stray wire strands, and fully depress tool handles.



Crimping with the HDT-48-00

Step 1

1. Strip insulation from wire.
2. Raise selector knob and rotate until arrow is aligned with contact size to be crimped.
3. Loosen locknut, turn adjusting screw in until it stops.



Step 2

- Insert contact with barrel up. Turn adjusting screw counter clockwise until contact is flush with indenter cover. Tighten locknut.



Step 3

1. Insert wire into contact, ensuring there are no stray wire strands. Contact must be centred between indenters. Close handles until crimp cycle is completed.
2. Release handles and remove crimped contact.



Crimping with the HDT-50-00

Step 1

1. Ensure tool is reset by completely depressing handles.
2. Strip insulation from wire.
3. Position the contact into the matching sized groove, see markings 20, 18, 12.



Step 2

1. Make sure the shoulder of the contact is flush on the outside of the crimping tool.
2. Depress handles until contact is held but not crimped.



Step 3

- Place the stripped end of the wire in the crimp barrel, ensuring there are no stray wire strands, and fully depress tool handles.





- Removes contact from connector without damage to the wire, insulation, connector seals, or connector body.
- Removal tools are required for wire removal in the DTHD, HD10, HDP20, HD30 and DRC series.
- Simplifies contact removal and field service repair.
- Usable with all connectors that utilise a round shoulder contact retention system.
- Manufactured from heavy duty plastic.
- Compact and easy to use.

Material :
DET-RT Shaft

Heavy Duty Polymer
High Tensile Steel

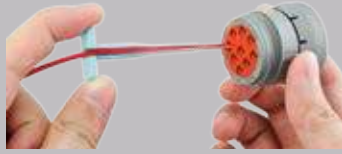


Removal Tools

Part No.	Contact Size	Wire Gauge Size (AWG)	Colour	Notes
114 009	4	6	White	
114 008	8	8, 10	Green	
0411- 353 -0805	8	8, 10	Green	Extended
114 010	12	12	Yellow	
0411- 337 -1205	12	12, 14	Orange	Extra Thin Wall (E-Seal)
0411- 291 -1405	14	14, 16	Green	
0411- 310 -1605	16	16, 18	Light Blue	
0411- 336 -1605	16	16, 18	Dark Blue	
0411- 204 -1605	16	16, 18	Dark Blue	Extra Thin Wall (E-Seal)
0411- 240 -2005	20	20, 24	Red	
DET-RT	—	—	Blue	Multi-use hook tool

Pack quantity : 1.

Removal Tool Instructions



Step 1
With the rear insert toward you, snap appropriate size removal tool over the wire of contact to be removed.



Step 2
Slide tool along the wire into the insert cavity until it engages the contact and resistance is felt.



Step 3
Pull contact wire assembly out of connector.

DET-RT Multi-use Tool



Removing Internal Wedgelocks

Step 1
Use the end of the tool to hook the wedgelock as shown.



Step 2
With wedgelock sufficiently hooked firmly pull wedgelock out of connector body.

Removing Individual Contacts

Step 1
Use flat edge of tool to lift tab holding contact.



Step 2
With contact tab held open gently pull contact out.