

HEAVY DUTY MULTIPOLE CONNECTORS



Tools and Accessories



Part #	Crimping Tool	OEM Part #
CCPZ MIL	Crimp tool for 10A & 16A crimp contacts	CCPZ MIL
CXPZ D	Crimp tool for 40A crimp contacts	

Part #	Turret Head	OEM Part #
CCTP 10	for 10A contacts (D and DD series)	CCTP 10
CCTP 16	for 16A contacts (E series)	
CXTP 40M	for 40A male contacts	
CXTP 40F	for 40A female contacts	

Part #	Control Gauge	OEM Part #
CCPNP	"go/no go" control gauge	CCPNP



Part #	Insertion Tool	for insertion of the contacts into the inserts	OEM Part #
CCIN		for crimped contacts 10amp & 16amp	CCINA

Part #	Removal Tool	for the extraction of contacts from the inserts	OEM Part #
CCES		for 10A contacts (D and DD series)	CCES
CQES		for 16A contacts (E series)	CQES
CXES		for 40A contacts	



Part #	Cable Clamps with Collar with Gasket and Rings	cable gland	OEM Part #
CRS 13.5	rubber hole Ø12 mm	Pg 13.5	CRS 13.5
CRS 16	rubber hole Ø14 mm	Pg 16	CRS 16
CRS 21	rubber hole Ø18 mm	Pg 21	CRS 21
CRS 29	rubber hole Ø25 mm	Pg 29	CRS 29
CRS 36	rubber hole Ø32 mm	Pg 36	CRS 36
CRS 42*	rubber hole Ø38 mm	Pg 42	CRS 42

Die-cast aluminum, normal gasket, rings made of zinc-plated steel.



Part #	Turret Head	OEM Part #
CR20	code pins for 6 variants, made of stainless steel	CR 20
CR 20D	code pins for 6 variants, made of zinc diecast	
CRM	guide pins and bushes for 16 variants, male -made of stainless steel	CRM
CRF	guide pins and bushes for 16 variants, female -made of stainless steel	CRF

Pg Thread to NPT Thread Adapters - Aluminum-Nickel Plated with "O-Ring"



Part #	External Thread	Internal Thread
PG11-38	Pg 11	3/8 NPT
PG11-50	Pg 11	1/2 NPT
PG13-50	Pg 13.5	1/2 NPT
PG16-50	Pg 16	1/2 NPT
PG21-50	Pg 21	1/2 NPT
PG21-75	Pg 21	3/4 NPT
PG29-100	Pg 29	1 NPT
PG29-125	Pg 29	1-1/4 NPT
PG36-125	Pg 36	1-1/4 NPT
PG36-150	Pg 36	1-1/2 NPT
PG42-125	Pg 42	1-1/4 NPT
PG42-150	Pg 42	1-1/2 NPT

dual coding and guide pins, for 16 codes

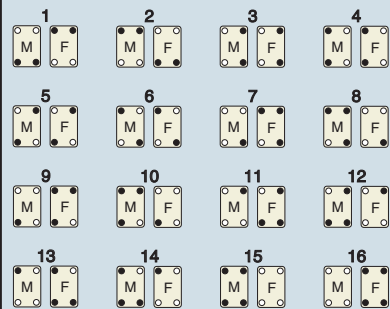


selection is made by using dual coding and guide pins



description	part No.	part No.
dual coding pins (excluding MIXO inserts) - male pin - female pin	stainless steel CRM CRF	zinc plated iron CRM D CRF D
double code pins (for MIXO inserts only) - male pin - female pin	stainless steel CRM CX CRF CX	zinc plated iron CRM CX D CRF CX D

application with single insert



Code pins
- CRM/CRM D and CRF/CRF D
- CRM CX/CRM CX D and CRF CX/CRF CX D

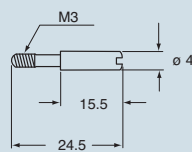
Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.

When a number of identical connectors with different functions are mounted closely together these must be selected in such a way as to prevent the coupling of a mobile part on a non-corresponding fixed part and consequent damage and breakdown.

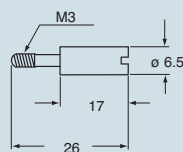
Code pins are supplied to apply in place of the normal insert fastening screws (see example below). In this way the coupling of identical connectors is assured. The combination of code pins makes it possible to obtain a high number of selective couplings.

dimensions in mm

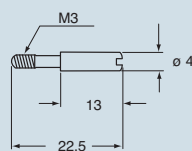
CRM / CRM D



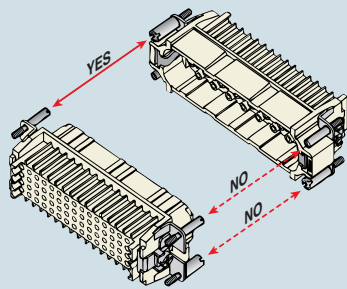
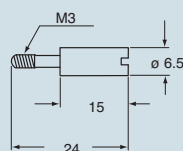
CRF / CRF D



CRM CX / CRM CX D



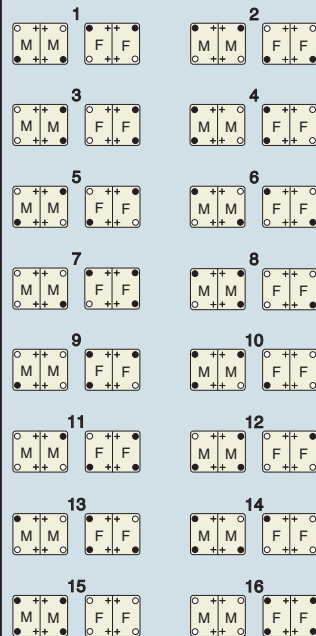
CRF CX / CRF CX D



Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts to reduce movements when fitting and removing the connectors and to avoid contact damages. Within this scope, the standard DIN 43 652 requires a maximum angular longitudinal fluctuation of $\pm 5^\circ$.

dimensions shown are not binding and may be changed without notice

application with double inserts



- female code pin (CRF/CRF D and CRF CX/CRF CX D)
- male code pin (CRM/CRM D and CRM CX/CRM CX D)
- + normal fixing screw
- M = male insert
- F = female insert