

# PART SOLUTIONS

## PMA



4/2010

**US** Content of the CAD catalog in PARTsolutions.  
For more catalogues visit [www.cadenas.de](http://www.cadenas.de)


**D** Inhalt des CAD-Kataloges in PARTsolutions.  
Weitere Kataloge auf [www.cadenas.de](http://www.cadenas.de)

**F** Contenu du catalogue CAO dans PARTsolutions.  
Pour d'autres catalogues visitez [www.cadenas.de](http://www.cadenas.de)

**I** Contenuto del catalogo nel PARTsolutions  
altri cataloghi visitate [www.cadenas.de](http://www.cadenas.de)


**E** Contenido del catálogo de CAD en PARTsolutions.  
Para mas catálogos visite [www.cadenas.de](http://www.cadenas.de)

# INFORMATION




With PARTsolutions you are able to access a large range of standard and supplier parts as CAD system independent 2D and 3D geometry. Independent means the models are converted natively in practically every CAD system. When using CATIA for example, a real CATIA model will be generated from our model and can of course be edited and manipulated for downstream applications. Interfaces are available for all common CAD systems (see list below).

Integrations also exist to the most notable ERP/PDM systems (see list below).




Mit PARTsolutions steht Ihnen eine grosse Anzahl Normteile und Zukaufteile als CAD unabhängige 3D und 2D Geometrie zur Verfügung. Unabhängig heisst, sie können in jedes CAD System nativ übertragen werden. Der User von PARTsolutions erhält so in Verbindung mit z.B. CATIA ein echtes CATIA-Modell, das in seiner Konstruktion dann selbstverständlich weitermodelliert werden kann. Schnittstellen für jedes gängige CAD System sind verfügbar (siehe Liste unten).

In weiteren Ausbaustufen sind auch Anbindungen an ERP/PDM Systeme möglich (siehe Liste unten).




Avec PARTsolutions vous avez à votre disposition un grand nombre de composants normalisés et de pièces d'achat comme géométrie CAO indépendante du 2D et 3D. Indépendant veut dire qu'ils peuvent être transmis nativement dans presque tous les systèmes CAO. Ainsi l'utilisateur de PARTsolutions obtient une liaison avec un vrai modèle CATIA, en prenant CATIA comme exemple, qui peut être naturellement continuellement modélisé dans sa construction. Des interfaces pour tous les systèmes CAO courants sont disponibles (voir la liste ci-dessous).

Dans d'autres degrés d'extension, des liaisons avec des systèmes ERP/PDM sont aussi possibles (voir la liste ci-dessous).



Con PARTsolutions è possibile accedere a una grande quantità di parti standard e commerciali sotto forma di geometria 2D e 3D indipendente dal sistema CAD. Ciò significa che i modelli vengono convertiti nel formato nativo di praticamente tutti i sistemi CAD in commercio. Usando per esempio CATIA, viene generato un vero modello CATIA che può essere modificato e manipolato per successivi utilizzi. Le interfacce CAD disponibili sono elencate qui sotto.

Esistono anche integrazioni coi principali sistemi ERP/PDM (vedere la lista qui sotto).



Con PARTsolutions tiene a su disposición un gran número de estándares y normas de la industria como un sistema CAD de geometría independiente 2D y 3D. Independiente significa que se pueden transmitir de forma nativa a prácticamente en todos los sistemas CAD. El usuario de PARTsolutions posee de este modo en el uso por ejemplo de CATIA un modelo original de CATIA, en el cual por supuesto se puede seguir modelando. Interfaces para cada sistema CAD disponible son disponibles (ver lista abajo).

También son posibles integraciones para sistemas ERP/PDM (ver lista abajo)

## Native CAD formats:

ADEM, AllPlan, AutoCad, Bihler CAT, Cadceus, Caddy, CADISON, Cadkey, Cadra, Catia, CCD/ProfCADAM, Cimatron, Fides, Helix, HiCAD, Ideas, Inventor, Logocad Triga, Mastercam, Materialise, Mechanical Desktop, Medusa, MegaCAD, Microstation, One Space Designer, Parasolid, ProE, SolidDesigner, SolidEdge, SolidWorks, Swiss Precision, Thinkdesign, TopSolid, Unigraphics, Varimetrix, Visi Series.

## Neutral CAD formats:

SAT, STEP, IGES, DXF.

## ERP/PDM Systeme:

SAP, Teamcenter, smarteam, Windchill, Insight, Compass, Gain, ProCad, Eigner. Weitere Schnittstellen auf Anfrage.

1  US 0 PMAFIX Pro

D 0 PMAFIX Pro

F 0 PMAFIX Pro

I 0 PMAFIX Pro

E 0 PMAFIX Pro



1.1  US metal thread fittings

D Anschlussarmaturen Metallgewinde

F filetage métallique raccords

I filettatura metallica raccordo

E rosca metal conector



1.1.1  US metric thread

D Metrisch Gewinde

F filetage métrique

I filettatura metrica

E rosca metrica



1.1.1.1  US KAH 45 elbow

D KAH 45 Winkel

F KAH coudé 45

I KAH angolo 45

E KAH codo de 45



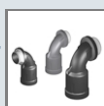
1.1.1.2  US KBH 90 curved elbow

D KBH 90 Bogenwinkel

F KBH grand rayon 90

I KBH raccordo a 90 curva larga

E KBH codo curvado de 90



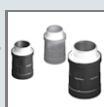
1.1.1.3  US KNH straight

D KNH Gerade

F KNH droit

I KNH diritto

E KNH recto



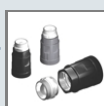
1.1.1.4  US KNZ straight strain relief Jacob

D KNZ Gerade Zugentlastung Jacob

F KNZ droit presse-étoupe Jacob

I KNZ diritto scarico della trazione Jacob

E KNZ recto contra esfuerzos de tracción Jacob



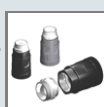
1.1.1.5  US KNZ straight strain relief Pflitsch

D KNZ Gerade Zugentlastung Pflitsch

F KNZ droit presse-étoupe Pflitsch

I KNZ diritto scarico della trazione Pflitsch

E KNZ recto contra esfuerzos de tracción Pflitsch



1.2  US polyamide thread fittings

D Anschlussarmaturen Polyamidgewinde

F filetage polyamide raccords

I filettatura poliammide raccordo

E rosca poliamida conector



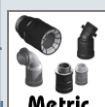
1.2.1  US metric thread

D Metrisch Gewinde

F filetage métrique

I filettatura metrica

E rosca metrica



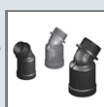
1.2.1.1  US KAH 45 elbow

D KAH 45 Winkel

F KAH coudé 45

I KAH angolo 45

E KAH codo de 45



# PARTsolutions

1.2.1.2  US KBH 90 curved elbow



D KBH 90 Bogenwinkel

F KBH grand rayon 90

I KBH raccordo a 90 curva larga

E KBH codo curvado de 90

1.2.1.3  US KNH straight



D KNH Gerade

F KNH droit

I KNH diritto

E KNH recto

1.3  US sealing and locking element



D Dichtelement

F baque d'étanchéité et de fermeture

I elemento di guarnizione

E elemento de sellado y bloqueo

1.4  US female metal thread adapter



**Metal**

D Innengewinde-Adapter Metallgewinde

F filetage métallique femelle raccord

I adattatore con filettatura metallica femmina

E adaptador de rosca metal hembra

1.4.1  US metric thread



**Metric**

D Metrisch Gewinde

F filetage métrique

I filettatura metrica

E rosca metrica

1.5  US female polyamide thread adapter



**Polyamide**

D Innengewinde-Adapter Polyamidgewinde

F filetage polyamide femelle raccord

I adattatore con filettatura poliammide femmina

E adaptador de rosca poliamida hembra

1.5.1  US KIHG UNEF for MIL C5015



**MIL C 5015**

D KIHG UNEF fuer MIL C5015

F KIHG UNEF pour MIL C5015

I KIHG UNEF per MIL C5015

E KIHG UNEF para MIL C5015

2  US 1 PMAFIX



D 1 PMAFIX

F 1 PMAFIX

I 1 PMAFIX

E 1 PMAFIX

2.1  US metal thread fittings



**Metal**

D Anschlussarmaturen Metallgewinde

F filetage métallique raccords

I filettatura metallica raccordo

E rosca metal conector

2.1.1  US metric thread



**Metric**

D Metrisch Gewinde

F filetage métrique

I filettatura metrica

E rosca metrica

2.1.1.1  US VA 45 elbow



D VA 45 Winkel

F VA coudé 45

I VA angolo 45

E VA codo de 45

2.1.1.2



US VB 90 curved elbow  
 D VB 90 Bogenwinkel  
 F VB grand rayon 90

I VB raccordo a 90 curva larga  
 E VB codo curvado de 90

2.1.1.3



US VN straight  
 D VN Gerade  
 F VN droit

I VN diritto  
 E VN recto

2.1.1.4



US VNZ straight strain relief Jacob  
 D VNZ Gerade Zugentlastung Jacob  
 F VNZ droit presse-étoupe Jacob

I VNZ diritto scarico della trazione Jacob  
 E VNZ recto contra esfuerzos de tracción Jacob

2.1.1.5



US VNZ straight strain relief Pflitsch  
 D VNZ Gerade Zugentlastung Pflitsch  
 F VNZ droit presse-étoupe Pflitsch

I VNZ diritto scarico della trazione Pflitsch  
 E VNZ recto contra esfuerzos de tracción Pflitsch

2.1.1.6



US VW 90 elbow  
 D VW 90 Winkel  
 F VW coudé 90

I VW raccordo a 90  
 E VW codo de 90

2.1.1.7



US VWZ 90 elbow strain relief Pflitsch  
 D VWZ 90 Winkel Zugentlastung Pflitsch  
 F VWZ coudé 90 presse-étoupe Pflitsch

I VWZ raccordo a 90 scarico della trazione Pflitsch  
 E VWZ codo de 90 contra esfuerzos de tracción Pflitsch

2.2



US polyamide thread fittings  
 D Anschlussarmaturen Polyamidgewinde  
 F filetage polyamide raccords

I filettatura poliammide raccordo  
 E rosca poliamida conector

2.2.1



US flange  
 D Flansch  
 F bride

I flangia  
 E brida

2.2.2



US metric thread  
 D Metrisch Gewinde  
 F filetage métrique

I filettatura metrica  
 E rosca metrica

2.2.2.1



US VA 45 elbow  
 D VA 45 Winkel  
 F VA coudé 45

I VA angolo 45  
 E VA codo de 45

2.2.2.2



US VB 90 curved elbow  
 D VB 90 Bogenwinkel  
 F VB grand rayon 90

I VB raccordo a 90 curva larga  
 E VB codo curvado de 90

# PARTsolutions

2.2.2.3



US VN straight  
 D VN Gerade  
 F VN droit

I VN diritto  
 E VN recto

2.2.2.4



US VW 90 elbow  
 D VW 90 Winkel  
 F VW coudé 90

I VW raccordo a 90  
 E VW codo de 90

2.3



US female metal thread adapter  
 D Innengewinde-Adapter Metallgewinde  
 F filetage métallique femelle raccord

I adattatore con filettatura metallica femmina  
 E adaptador de rosca metal hembra

2.3.1



US metric thread  
 D Metrisch Gewinde  
 F filetage métrique

I filettatura metrica  
 E rosca metrica

2.4



US female polyamide thread adapter  
 D Innengewinde-Adapter Polyamidgewinde  
 F filetage polyamide femelle raccord

I adattatore con filettatura poliammide femmina  
 E adaptador de rosca poliamida hembra

2.4.1



US VI metric thread  
 D VI Metrisch-Gewinde  
 F VI filetage métrique

I VI filettatura metrica  
 E VI rosca metrica

2.4.2



US VI UNEF for AMP CPC series  
 D VI UNEF fuer AMP CPC Serie  
 F VI UNEF pour série AMP CPC

I VI UNEF per serie AMP CPC  
 E VI UNEF para serie AMP CPC

2.4.3



US VI UNEF for BURNDY UTG-6  
 D VI UNEF fuer BURNDY UTG-6  
 F VI UNEF pour BURNDY UTG-6

I VI UNEF per serie Burndy UTG-6  
 E VI UNEF para serie Burndy UTG-6

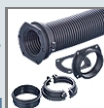
2.4.4



US VI UNEF for MIL C5015  
 D VI UNEF fuer MIL C5015  
 F VI UNEF pour MIL C5015

I VI UNEF per MIL C 5015  
 E VI UNEF para MIL C 5015

2.5



US PMAGRIP connectors  
 D PMAGRIP Anschlussarmaturen  
 F PMAGRIP raccords

I PMAGRIP raccordi  
 E PMAGRIP conectores

2.5.1



US GG flange straight  
 D GG Flansch gerade  
 F GG bride droit

I GG flangia diritta  
 E GG brida recta

# PARTsolutions

2.5.2  US GO flange 90 elbow

I GO flangia angolo 90



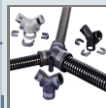
D GO Flansch 90 Winkel

E GO brida codo de 90

F GO bride coudé 90

2.6  US distributor

I scatola di distribuzione



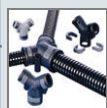
D Verteiler

E distribuidor

F dérivation

2.6.1  US FV V piece

I FV raccordo a V



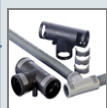
D FV V Verteiler

E FV distribuidor V

F FV dérivation V

2.6.2  US VT T piece

I VT raccordo a T



D VT T Verteiler

E VT distribuidor T

F VT dérivation T

2.6.3  US VY Y piece

I VY raccordo a Y



D VY Y Verteiler

E VY distribuidor Y

F VY dérivation Y

3  US 2 PMAFLEX

I 2 PMAFLEX



D 2 PMAFLEX

E 2 PMAFLEX

F 2 PMAFLEX

4  US 3 SMART-LINE

I 3 SMART-LINE



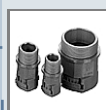
D 3 SMART-LINE

E 3 SMART-LINE

F 3 SMART-LINE

4.1  US fittings

I raccordo



D Anschlussarmaturen

E conector

F raccords

4.1.1  US metric thread

I filettatura metrica



D Metrisch Gewinde

E rosca metrica

F filetage métrique

4.1.1.1  US LAD 45 elbow

I LAD angolo 45



D LAD 45 Winkel

E LAD codo de 45

F LAD coudé 45

4.1.1.2  US LND straight

I LND diritto



D LND Gerade

E LND recto

F LND droit

4.1.1.3



US LWD 90 elbow  
 D LWD 90 Winkel  
 F LWD coudé 90

I LWD angolo 90  
 E LWD codo de 90

5



US 4 EMVFIX  
 D 4 EMVFIX  
 F 4 EMVFIX

I 4 EMVFIX  
 E 4 EMVFIX

5.1



US fittings  
 D Anschlussarmaturen  
 F raccords

I raccordo  
 E conector

5.1.1



**Metric**

US metric thread  
 D Metrisch Gewinde  
 F filetage métrique

I filettatura metrica  
 E rosca metrica

6



US 5 ACCESSORIES  
 D 5 ZUBEHOER  
 F 5 ACCESSORIES

I 5 ACCESSORI  
 E 5 ACCESSORIOS

6.1



US PMA gaskets  
 D PMA Dichtungen  
 F PMA joints

I PMA guarnizioni  
 E PMA juntas

6.2



US PMA hexagonal lock nuts  
 D PMA Sechskant Gegenmuttern  
 F PMA contre-écrous hexagonaux

I PMA controdadi esagonali  
 E PMA contratuercas hexagonales

6.2.1



**Metric**

US metric thread  
 D Metrisch Gewinde  
 F filetage métrique

I filettatura metrica  
 E rosca metrica

6.3



US PMACLIP system support  
 D PMACLIP Systemhalter  
 F PMACLIP support

I PMACLIP supporti di sistema  
 E PMACLIP soportes de sistema

6.4



US different  
 D Verschiedene  
 F différents

I diversi  
 E diferentes

6.4.1



US AV corrugated conduit adapter  
 D AV Wellrohr Adapter  
 F AV gaine annelée adaptateur

I AV guaina corrugata adattatore  
 E AV tubo corrugado adaptador



6.4.2



US KN anti-abrasion lock-nut  
 D KN Abriebschutz-Gegenmutter  
 F KN contre-écrou anti-abrasion

I KN controdado anti-abrasione  
 E KN contratuercas anti-abrasión

7

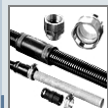
US 6 SPECIAL

I 6 SPECIALE

D 6 SPEZIAL

E 6 ESPECIAL

F 6 SPECIAL



7.1

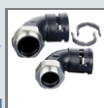
US swivel fitting

I raccordo girevole

D Drehbare Armaturen

E conector giratorio

F raccord tournant



7.1.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

7.1.1.1

US SB 90 curved elbow

I SB raccordo a 90 curva larga

D SB 90 Bogenwinkel

E SB codo curvado de 90

F SB grand rayon 90



7.2

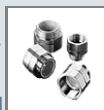
US swivel adapter

I adattatore girevole

D Drehbare Adapter

E adaptador giratorio

F adaptateur tournant



7.2.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

7.3

US spin-couple

I adattatore di posizionamento

D Positionshalter

E adaptador de posición

F adaptateur de positionnement



7.3.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

- 1
- US 0 PMAFIX Pro
  - D 0 PMAFIX Pro
  - F 0 PMAFIX Pro



- I 0 PMAFIX Pro
- E 0 PMAFIX Pro

- 1.1
- US metal thread fittings



- D Anschlussarmaturen Metallgewinde
- F filetage métallique raccords

- I filettatura metallica raccordo
- E rosca metal conector

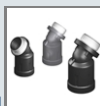
- 1.1.1
- US metric thread



- D Metrisch Gewinde
- F filetage métrique

- I filettatura metrica
- E rosca metrica

- 1.1.1.1
- US KAH 45 elbow



- D KAH 45 Winkel
- F KAH coudé 45

- I KAH angolo 45
- E KAH codo de 45

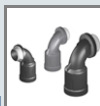
**KAH Metall IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

- 1.1.1.2
- US KBH 90 curved elbow



- D KBH 90 Bogenwinkel
- F KBH grand rayon 90

- I KBH raccordo a 90 curva larga
- E KBH codo curvado de 90

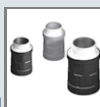
**KBH Metall IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

- 1.1.1.3
- US KNH straight



- D KNH Gerade
- F KNH droit

- I KNH diritto
- E KNH recto

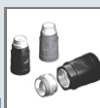
**KNH Metall IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

- 1.1.1.4
- US KNZ straight strain relief Jacob



- D KNZ Gerade Zugentlastung Jacob
- F KNZ droit presse-étoupe Jacob

- I KNZ diritto scarico della trazione Jacob
- E KNZ recto contra esfuerzos de tracción Jacob

**KNZ Metall IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

# PARTsolutions

- 1
- US 0 PMAFIX Pro
  - D 0 PMAFIX Pro
  - F 0 PMAFIX Pro



- I 0 PMAFIX Pro
- E 0 PMAFIX Pro

- 1.1
- US metal thread fittings



- D Anschlussarmaturen Metallgewinde
- F filetage métallique raccords

- I filettatura metallica raccordo
- E rosca metal conector

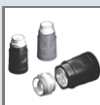
- 1.1.1
- US metric thread



- D Metrisch Gewinde
- F filetage métrique

- I filettatura metrica
- E rosca metrica

- 1.1.1.5
- US KNZ straight strain relief Pflitsch



- D KNZ Gerade Zugentlastung Pflitsch
- F KNZ droit presse-étoupe Pflitsch

- I KNZ diritto scarico della trazione Pflitsch
- E KNZ recto contra esfuerzos de tracción Pflitsch

**KNZ Metall IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

- 1.2
- US polyamide thread fittings



- D Anschlussarmaturen Polyamidgewinde
- F filetage polyamide raccords

- I filettatura poliammide raccordo
- E rosca poliamida conector

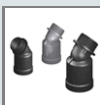
- 1.2.1
- US metric thread



- D Metrisch Gewinde
- F filetage métrique

- I filettatura metrica
- E rosca metrica

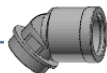
- 1.2.1.1
- US KAH 45 elbow



- D KAH 45 Winkel
- F KAH coudé 45

- I KAH angolo 45
- E KAH codo de 45

**KAH IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

- 1.2.1.2
- US KBH 90 curved elbow



- D KBH 90 Bogenwinkel
- F KBH grand rayon 90

- I KBH raccordo a 90 curva larga
- E KBH codo curvado de 90

**KBH IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

1  US 0 PMAFIX Pro

D 0 PMAFIX Pro

F 0 PMAFIX Pro

I 0 PMAFIX Pro

E 0 PMAFIX Pro



1.2  US polyamide thread fittings

D Anschlussarmaturen Polyamidgewinde

F filetage polyamide raccords

I filettatura poliammide raccordo

E rosca poliamida conector



**Polyamide**

1.2.1  US metric thread

D Metrisch Gewinde

F filetage métrique

I filettatura metrica

E rosca metrica



**Metric**

1.2.1.3  US KNH straight

D KNH Gerade

F KNH droit

I KNH diritto

E KNH recto



**KNH IP69K**

US fitting

F raccord

I raccordo

E racor



1.3  US sealing and locking element

D Dichtelement

F baque d'étanchéité et de fermeture

I elemento di guarnizione

E elemento de sellado y bloqueo



**KNH2 IP69K**

US sealing and locking element

F baque d'étanchéité et de fermeture

I elemento di guarnizione

E elemento de sellado y bloqueo



1.4  US female metal thread adapter

D Innengewinde-Adapter Metallgewinde

F filetage métallique femelle raccord

I adattatore con filettatura metallica femmina

E adaptador de rosca metal hembra



**Metal**

1.4.1  US metric thread

D Metrisch Gewinde

F filetage métrique

I filettatura metrica

E rosca metrica



**Metric**

**KIS Metall IP69K**

US fitting

F raccord

I raccordo

E racor



- 1
- US 0 PMAFIX Pro
  - D 0 PMAFIX Pro
  - F 0 PMAFIX Pro



- I 0 PMAFIX Pro
- E 0 PMAFIX Pro

- 1.5
- US female polyamide thread adapter
  - D Innengewinde-Adapter Polyamidgewinde
  - F filetage polyamide femelle raccord



- I adattatore con filettatura poliammide femmina
- E adaptador de rosca poliamida hembra

- 1.5.1
- US KIHG UNEF for MIL C5015
  - D KIHG UNEF fuer MIL C5015
  - F KIHG UNEF pour MIL C5015



- I KIHG UNEF per MIL C5015
- E KIHG UNEF para MIL C5015

**KIHG IP69K**



- US fitting
- F raccord

- I raccordo
- E racor

- 2
- US 1 PMAFIX
  - D 1 PMAFIX
  - F 1 PMAFIX



- I 1 PMAFIX
- E 1 PMAFIX

- 2.1
- US metal thread fittings
  - D Anschlussarmaturen Metallgewinde
  - F filetage métallique raccords



- I filettatura metallica raccordo
- E rosca metal conector

- 2.1.1
- US metric thread
  - D Metrisch Gewinde
  - F filetage métrique



- I filettatura metrica
- E rosca metrica

- 2.1.1.1
- US VA 45 elbow
  - D VA 45 Winkel
  - F VA coudé 45

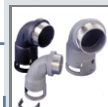


**VAV Metall IP68**

- US fitting
- F raccord

- I raccordo
- E racor

- 2.1.1.2
- US VB 90 curved elbow
  - D VB 90 Bogenwinkel
  - F VB grand rayon 90



**VBV Metall IP68**

- US fitting
- F raccord

- I raccordo
- E racor

2

US 1 PMAFIX

I 1 PMAFIX

D 1 PMAFIX

E 1 PMAFIX

F 1 PMAFIX



2.1

US metal thread fittings

I filettatura metallica raccordo

D Anschlussarmaturen Metallgewinde

E rosca metal conector

F filetage métallique raccords



**Metal**

2.1.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

2.1.1.3

US VN straight

I VN diritto

D VN Gerade

E VN recto

F VN droit



**VNV Metall IP68**

US fitting

I raccordo

F raccord

E racor



2.1.1.4

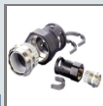
US VNZ straight strain relief Jacob

I VNZ diritto scarico della trazione Jacob

D VNZ Gerade Zugentlastung Jacob

E VNZ recto contra esfuerzos de tracción Jacob

F VNZ droit presse-étoupe Jacob



**VNZ Metall IP68**

US fitting

I raccordo

F raccord

E racor



2.1.1.5

US VNZ straight strain relief Pflitsch

I VNZ diritto scarico della trazione Pflitsch

D VNZ Gerade Zugentlastung Pflitsch

E VNZ recto contra esfuerzos de tracción Pflitsch

F VNZ droit presse-étoupe Pflitsch



**VNZ Metall IP68**

US fitting

I raccordo

F raccord

E racor



2.1.1.6

US VW 90 elbow

I VW raccordo a 90

D VW 90 Winkel

E VW codo de 90

F VW coudé 90



**VWV Metall IP68**

US fitting

I raccordo

F raccord

E racor



2

US 1 PMAFIX

I 1 PMAFIX

D 1 PMAFIX

E 1 PMAFIX

F 1 PMAFIX



2.1

US metal thread fittings

I filettatura metallica raccordo

D Anschlussarmaturen Metallgewinde

E rosca metal conector

F filetage métallique raccords



**Metal**

2.1.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

2.1.1.7

US VWZ 90 elbow strain relief Pflitsch

I VWZ raccordo a 90 scarico della trazione Pflitsch

D VWZ 90 Winkel Zugentlastung Pflitsch

E VWZ codo de 90 contra esfuerzos de tracción Pflitsch

F VWZ coudé 90 presse-étoupe Pflitsch



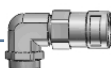
**VWZ Metall IP65**

US fitting

I raccordo

F raccord

E racor



2.2

US polyamide thread fittings

I filettatura poliammide raccordo

D Anschlussarmaturen Polyamidgewinde

E rosca poliamida conector

F filetage polyamide raccords



**Polyamide**

2.2.1

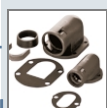
US flange

I flangia

D Flansch

E brida

F bride



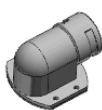
**VOV IP68**

US fitting

I raccordo

F raccord

E racor



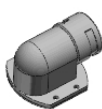
**VOD IP66**

US fitting

I raccordo

F raccord

E racor



# PARTsolutions

2

US 1 PMAFIX

I 1 PMAFIX

D 1 PMAFIX

E 1 PMAFIX

F 1 PMAFIX



2.2

US polyamide thread fittings

I filettatura poliammide raccordo

D Anschlussarmaturen Polyamidgewinde

E rosca poliamida conector

F filetage polyamide raccords



**Polyamide**

2.2.2

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

2.2.2.1

US VA 45 elbow

I VA angolo 45

D VA 45 Winkel

E VA codo de 45

F VA coudé 45



**VAD IP66**



US fitting

I raccordo

F raccord

E racor

**VAV IP68**



US fitting

I raccordo

F raccord

E racor

2.2.2.2

US VB 90 curved elbow

I VB raccordo a 90 curva larga

D VB 90 Bogenwinkel

E VB codo curvado de 90

F VB grand rayon 90



**VBV IP68**



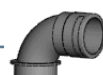
US fitting

I raccordo

F raccord

E racor

**VBD IP66**



US fitting

I raccordo

F raccord

E racor

2.2.2.3

US VN straight

I VN diritto

D VN Gerade

E VN recto

F VN droit



**VND IP66**



US fitting

I raccordo

F raccord

E racor



2.2

US polyamide thread fittings

I filettatura poliammide raccordo

D Anschlussarmaturen Polyamidgewinde

E rosca poliamida conector

F filetage polyamide raccords



**Polyamide**

2.2.2

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

2.2.2.3

US VN straight

I VN diritto

D VN Gerade

E VN recto

F VN droit



VNV IP68



US fitting

I raccordo

F raccord

E racor

2.2.2.4

US VW 90 elbow

I VW raccordo a 90

D VW 90 Winkel

E VW codo de 90

F VW coudé 90



VWD IP66



US fitting

I raccordo

F raccord

E racor

VWV IP68



US fitting

I raccordo

F raccord

E racor

2.3

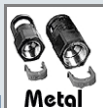
US female metal thread adapter

I adattatore con filettatura metallica femmina

D Innengewinde-Adapter Metallgewinde

E adaptador de rosca metal hembra

F filetage métallique femelle raccord



**Metal**

2.3.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

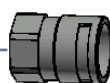
E rosca metrica

F filetage métrique



**Metric**

VIR Metall IP68



US fitting

I raccordo

F raccord

E racor

2

- US 1 PMAFIX
- D 1 PMAFIX
- F 1 PMAFIX

- I 1 PMAFIX
- E 1 PMAFIX



2.4

- US female polyamide thread adapter
- D Innengewinde-Adapter Polyamidgewinde
- F filetage polyamide femelle raccord

- I adattatore con filettatura poliammide femmina
- E adaptador de rosca poliamida hembra



**Polyamide**

2.4.1

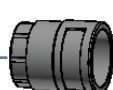
- US VI metric thread
- D VI Metrisch-Gewinde
- F VI filetage métrique

- I VI filettatura metrica
- E VI rosca metrica



**Metric**

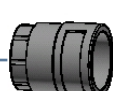
**VIR IP68**



- US fitting
- F raccord

- I raccordo
- E racor

**VID IP66**



- US fitting
- F raccord

- I raccordo
- E racor

2.4.2

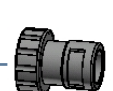
- US VI UNEF for AMP CPC series
- D VI UNEF fuer AMP CPC Serie
- F VI UNEF pour série AMP CPC

- I VI UNEF per serie AMP CPC
- E VI UNEF para serie AMP CPC



**AMP CPC**

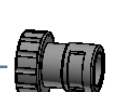
**VIDA IP66**



- US fitting
- F raccord

- I raccordo
- E racor

**VIRA IP68**



- US fitting
- F raccord

- I raccordo
- E racor

2.4.3

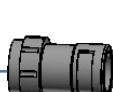
- US VI UNEF for BURNDY UTG-6
- D VI UNEF fuer BURNDY UTG-6
- F VI UNEF pour BURNDY UTG-6

- I VI UNEF per serie Burndy UTG-6
- E VI UNEF para serie Burndy UTG-6



**Burndy UTG-6**

**VIDB IP66**



- US fitting
- F raccord

- I raccordo
- E racor

**VIRB IP68**



- US fitting
- F raccord

- I raccordo
- E racor

2

US 1 PMAFIX

D 1 PMAFIX

F 1 PMAFIX

I 1 PMAFIX

E 1 PMAFIX



2.4

US female polyamide thread adapter

D Innengewinde-Adapter Polyamidgewinde

F filetage polyamide femelle raccord

I adattatore con filettatura poliammide femmina

E adaptador de rosca poliamida hembra



**Polyamide**

2.4.4

US VI UNEF for MIL C5015

D VI UNEF fuer MIL C5015

F VI UNEF pour MIL C5015

I VI UNEF per MIL C 5015

E VI UNEF para MIL C 5015



**MIL C 5015**

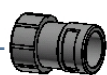
**VIVG IP68**

US fitting

F raccord

I raccordo

E racor



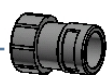
**VIDG IP66**

US fitting

F raccord

I raccordo

E racor



2.5

US PMAGRIP connectors

D PMAGRIP Anschlussarmaturen

F PMAGRIP raccords

I PMAGRIP raccordi

E PMAGRIP conectores



2.5.1

US GG flange straight

D GG Flansch gerade

F GG bride droit

I GG flangia diritta

E GG brida recta



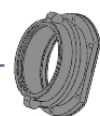
**GGV IP67**

US fitting

F raccord

I raccordo

E racor



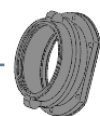
**GG IP65**

US fitting

F raccord

I raccordo

E racor



2.5.2

US GO flange 90 elbow

D GO Flansch 90 Winkel

F GO bride coudé 90

I GO flangia angolo 90

E GO brida codo de 90



**GOV IP67**

US fitting

F raccord

I raccordo

E racor



# PARTsolutions

2

US 1 PMAFIX

I 1 PMAFIX

D 1 PMAFIX

E 1 PMAFIX

F 1 PMAFIX



2.5

US PMAGRIP connectors

I PMAGRIP raccordi

D PMAGRIP Anschlussarmaturen

E PMAGRIP conectores

F PMAGRIP raccords



2.5.2

US GO flange 90 elbow

I GO flangia angolo 90

D GO Flansch 90 Winkel

E GO brida codo de 90

F GO bride coudé 90



**GO IP65**

US fitting

I raccordo

F raccord

E racor



2.6

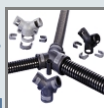
US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



2.6.1

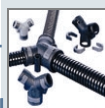
US FV V piece

I FV raccordo a V

D FV V Verteiler

E FV distribuidor V

F FV dérivation V



**FVL IP67**

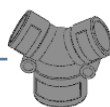
US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



**FVD IP66**

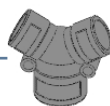
US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



2.6.2

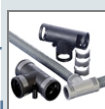
US VT T piece

I VT raccordo a T

D VT T Verteiler

E VT distribuidor T

F VT dérivation T



**FTD VTD IP66**

US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



2

US 1 PMAFIX

I 1 PMAFIX

D 1 PMAFIX

E 1 PMAFIX

F 1 PMAFIX



2.6

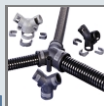
US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



2.6.2

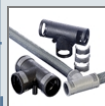
US VT T piece

I VT raccordo a T

D VT T Verteiler

E VT distribuidor T

F VT dérivation T



**FTL IP67**

US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



**VTR IP68**

US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



2.6.3

US VY Y piece

I VY raccordo a Y

D VY Y Verteiler

E VY distribuidor Y

F VY dérivation Y



**VYD IP66**

US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



**VYR IP68**

US distributor

I scatola di distribuzione

D Verteiler

E distribuidor

F dérivation



3

US 2 PMAFLEX

I 2 PMAFLEX

D 2 PMAFLEX

E 2 PMAFLEX

F 2 PMAFLEX



**Metrisch**

US corrugated conduit

I guaina corrugata

F gaine annelée

E tubo corrugado




# PARTsolutions

- 3
- 
- US 2 PMAFLEX
  - D 2 PMAFLEX
  - F 2 PMAFLEX


- I 2 PMAFLEX
- E 2 PMAFLEX

## Coflex


- 
- US corrugated conduit
  - F gaine annelée

- I guaina corrugata
- E tubo corrugado


## Standard

- 
- US corrugated conduit
  - F gaine annelée


- I guaina corrugata
- E tubo corrugado

- 4
- 
- US 3 SMART-LINE
  - D 3 SMART-LINE
  - F 3 SMART-LINE

- I 3 SMART-LINE
- E 3 SMART-LINE

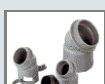
- 4.1
- 
- US fittings
  - D Anschlussarmaturen
  - F raccords

- I raccordo
- E conector

- 4.1.1
- 
- US metric thread
  - D Metrisch Gewinde
  - F filetage métrique

- I filettatura metrica
- E rosca metrica

### Metric

- 4.1.1.1
- 
- US LAD 45 elbow
  - D LAD 45 Winkel
  - F LAD coudé 45

- I LAD angolo 45
- E LAD codo de 45

### LAD IP66

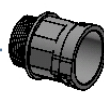
- 
- US fitting
  - F raccord

- I raccordo
- E racor


- 4.1.1.2
- 
- US LND straight
  - D LND Gerade
  - F LND droit

- I LND diritto
- E LND recto


### LND IP66

- 
- US fitting
  - F raccord


- I raccordo
- E racor

- 4
- 
- US 3 SMART-LINE
  - D 3 SMART-LINE
  - F 3 SMART-LINE


- I 3 SMART-LINE
- E 3 SMART-LINE

- 4.1
- 
- US fittings
  - D Anschlussarmaturen
  - F raccords

- I raccordo
- E conector

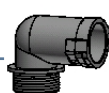
- 4.1.1
- 
- Metric**
- US metric thread
  - D Metrisch Gewinde
  - F filetage métrique

- I filettatura metrica
- E rosca metrica

- 4.1.1.3
- 
- US LWD 90 elbow
  - D LWD 90 Winkel
  - F LWD coudé 90

- I LWD angolo 90
- E LWD codo de 90

**LWD IP66**




- US fitting
- F raccord


- I raccordo
- E racor

- 5
- 
- US 4 EMVFIX
  - D 4 EMVFIX
  - F 4 EMVFIX

- I 4 EMVFIX
- E 4 EMVFIX

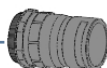
- 5.1
- 
- US fittings
  - D Anschlussarmaturen
  - F raccords

- I raccordo
- E conector

- 5.1.1
- 
- Metric**
- US metric thread
  - D Metrisch Gewinde
  - F filetage métrique

- I filettatura metrica
- E rosca metrica

**VEMV IP68**



- US fitting
- F raccord

- I raccordo
- E racor

**VEZ IP68**



- US straight strain relief Jacob
- D gerade Zugentlastung Jacob
- F droit presse-étoupe Jacob

- I diritto scarico della trazione Jacob
- E recto contra esfuerzos de tracción Jacob

# PARTsolutions

6

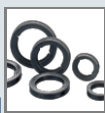
- US 5 ACCESSORIES
- D 5 ZUBEHOER
- F 5 ACCESSORIES

- I 5 ACCESSORI
- E 5 ACCESSORIOS



- 6.1
- US PMA gaskets
  - D PMA Dichtungen
  - F PMA joints

- I PMA guarnizioni
- E PMA juntas



**SVN4 M IP68**

- US flat gasket
- F joint plat

- I guarnizione piana
- E junta plana



**WPS IP69K**

- US water impact protection
- F protection de l'eau haute pression

- I protezione ai getti d'acqua in pressione
- E protección contra agua a presión



- 6.2
- US PMA hexagonal lock nuts
  - D PMA Sechskant Gegenmuttern
  - F PMA contre-écrous hexagonaux

- I PMA controdadi esagonali
- E PMA contratuercas hexagonales



- 6.2.1
- US metric thread
  - D Metrisch Gewinde
  - F filetage métrique

- I filettatura metrica
- E rosca metrica



**Metric**

**MN**

- US polyamide lock nuts
- F contre écrou polyamide

- I controdado in poliammide
- E contratuercas poliamida



**Polyamide**

**GMM**

- US metal lock nuts
- F contre-écrou métallique

- I controdado in metallo
- E contratuercas metal



**Metal**

- 6.3
- US PMACLIP system support
  - D PMACLIP Systemhalter
  - F PMACLIP support

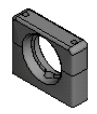
- I PMACLIP supporti di sistema
- E PMACLIP soportes de sistema



**GPS**

- US one-piece stackable support
- F support monobloc empilable

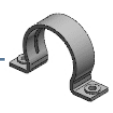
- I supporto di sistema sovrapponibile
- E soporte de sistema apilable



**GH**

- US tube clamps
- F collier de gaine

- I staffa per tubo
- E abrazadera





6

**US** 5 ACCESSORIES

**D** 5 ZUBEHOER

**F** 5 ACCESSORIES

**I** 5 ACCESSORI

**E** 5 ACCESSORIOS



6.3

**US** PMACLIP system support

**D** PMACLIP Systemhalter

**F** PMACLIP support

**I** PMACLIP supporti di sistema

**E** PMACLIP soportes de sistema



**FH-0**

**US** one-piece support

**F** support monobloc

**I** supporto di sistema monopezzo

**E** soporte de sistema sola pieza



**GN**

**US** half shells

**F** semi-bouclier

**I** semigusci

**E** semiabrazaderas



**GL**

**US** tube clamps

**F** collier de gaine

**I** staffa per tubo

**E** abrazadera



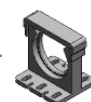
**VH**

**US** support

**F** support

**I** supporto

**E** soporte



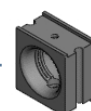
**GP**

**US** stackable system supports

**F** support empilable

**I** supporto sovrapponibile

**E** soporte apilable



**FH**

**US** support for PMA COFLEX

**F** support pour PMA COFLEX

**I** supporto per PMA COFLEX

**E** soporte para PMA COFLEX



6  US 5 ACCESSORIES  
 D 5 ZUBEHOER  
 F 5 ACCESSORIES



I 5 ACCESSORI  
 E 5 ACCESSORIOS

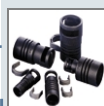
6.4  US different  
 D Verschiedene  
 F différents



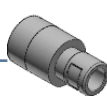
I diversi  
 E diferentes

6.4.1  US AV corrugated conduit adapter  
 D AV Wellrohr Adapter  
 F AV gaine annelée adaptateur

I AV guaina corrugata adattatore  
 E AV tubo corrugado adaptador



**AVR IP68**



US corrugated conduit adapter  
 D Wellrohr Adapter  
 F gaine annelée adaptateur

I guaina corrugata adattatore  
 E tubo corrugado adaptador

**AVD IP66**



US corrugated conduit adapter  
 D Wellrohr Adapter  
 F gaine annelée adaptateur

I guaina corrugata adattatore  
 E tubo corrugado adaptador

6.4.2  US KN anti-abrasion lock-nut  
 D KN Abriebschutz-Gegenmutter  
 F KN contre-écrou anti-abrasion

I KN controlado anti-abrasione  
 E KN contratuerca anti-abrasión



**KN\_T**



US divisible anti-abrasion lock-nut  
 D teilbare Abriebschutz-Gegenmutter  
 F contre-écrou anti-abrasion divisible

I controlado anti-abrasione divisible  
 E contratuerca anti-abrasión divisible

# PARTsolutions

7

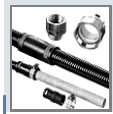
US 6 SPECIAL

I 6 SPECIALE

D 6 SPEZIAL

E 6 ESPECIAL

F 6 SPECIAL



7.1

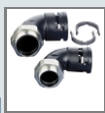
US swivel fitting

I raccordo girevole

D Drehbare Armaturen

E conector giratorio

F raccord tournant



7.1.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

7.1.1.1

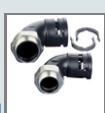
US SB 90 curved elbow

I SB raccordo a 90 curva larga

D SB 90 Bogenwinkel

E SB codo curvado de 90

F SB grand rayon 90



**SBV Metall IP68**

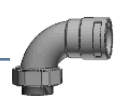
US swivel fitting

I raccordo girevole

D Drehbare Anschlussarmatur

E conector giratorio

F raccord tournant



7.2

US swivel adapter

I adattatore girevole

D Drehbare Adapter

E adaptador giratorio

F adaptateur tournant



7.2.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

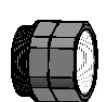
**SWA IP67**

US swivel adapter

I adattatore girevole

F adaptateur tournant

E adaptador giratorio



7.3

US spin-couple

I adattatore di posizionamento

D Positionshalter

E adaptador de posición

F adaptateur de positionnement



7.3.1

US metric thread

I filettatura metrica

D Metrisch Gewinde

E rosca metrica

F filetage métrique



**Metric**

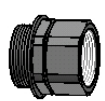
**SCA IP68**

US spin-couple

I adattatori di posizionamento

F adaptateur de positionnement

E adaptador de posición



## Content



- US Content of the CAD catalog in PARTsolutions
- D Inhalt des CAD-Kataloges in PARTsolutions
- F Contenu du catalogue CAO dans PARTsolutions

- I Contenuto del catalogo nel PARTsolutions
- E Contenido del catálogo de CAD en PARTsolutions

## Copyright



- US Copyright
- D Copyright

- F Copyright

## PMA



- PMA