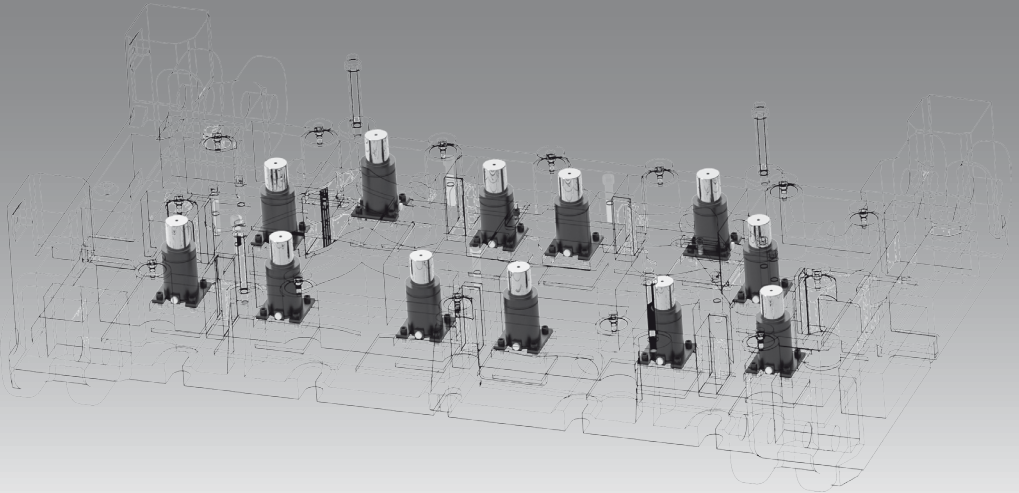




MOUNTS



- Use AZOLGAS mounts for gas springs safer and longer life performance
- Fasten the gas springs into the tool through the appropriate mount
- Follow the operating instructions about mount assembling and installation
- Ensure the correct mount installation by regular inspections during lifetime use
- Most of recommended AZOLGAS mounts meet automotive standards
- Special mounts are also manufactured by customer's request

ROUND GROOVE MOUNT

A



BASE PLATE MOUNT

B



SQUARE GROOVE MOUNT

C



SUPPORT MOUNT

D



THREADED MOUNT

E



MOUNTING GUIDELINES

Flange Mounts



Diagram illustrating the components of a gas spring mount assembly:

- A**: Mounting bracket
- B**: Gas spring
- C**: Mounting plate
- D**: Mounting flange
- E**: Mounting nut

ENG	ORDER
DEU	BESTELLUNG
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

A
TYPE

14
MODEL

50
Ø

A 14 050

MOUNT SAFETY GUIDELINES

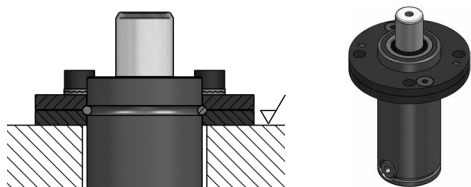


ENG	• Mount installation is critical to achieve safety working performance of gas springs. • Fix the gas spring into the tool through the appropriate mount. • Follow the operating instructions about mount assembling and mount installation. • Make sure the correct mount installation by regular inspections during the lifetime use.
DEU	• Einbausituation ist kritisch, um eine sichere Arbeitsweise der Gasdruckfeder zu gewährleisten. • Die Gasdruckfeder ist mit einem angemessenen Flansch am Werkzeug zu befestigen. • Den Betriebsanleitungen zum Zusammen- und Einbau der Flansche ist Folge zu leisten. • Die korrekte Flanschbefestigung ist während der Gdf-Lebensdauer durch regelmässige Überprüfungen sicherzustellen.
FRA	• L'installation des brides est essentielle pour garantir la sécurité de fonctionnement des ressorts à gaz. • Fixez le ressort à gaz dans l'outil par la bride appropriée. • Suivez les instructions concernant le montage des brides et l'installation des brides. • Assurez-vous que l'installation des brides est correcte par des inspections régulières pendant la durée de vie.
ITA	• L'installazione di flange è fondamentale per ottenere prestazioni di lavoro di sicurezza di molle a gas. • Fissare i cilindri ad azoto solamente con gli specifici elementi di fissaggio. • Seguire le istruzioni per il fissaggio di flange e l'installazione di flange. • Assicurarsi che l'installazione di flange è corretta mediante ispezioni regolari durante l'uso.
ESP	• La instalación de las bridas es crítica para lograr un funcionamiento de trabajo seguro. • Fijar el cilindro de gas al útil mediante las bridas adecuadas. • Siga las instrucciones de montaje de las bridas e instalación de las bridas. • Asegurarse de la correcta instalación de las bridas mediante inspecciones periódicas durante su uso.
POR	• A instalação das montagens é fundamental para garantir a segurança do funcionamento das molas a gás. • Fixe o cilindro na ferramenta com a flange adequada. • Siga as instruções sobre montagem de flange e instalação de flange. • Certifique-se de que a instalação do flange esteja correta por meio de inspeções regulares durante o uso da vida útil.

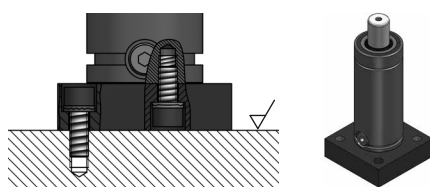


MOUNTING GUIDELINES

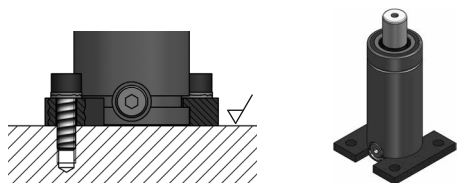
Flange Mounts

A


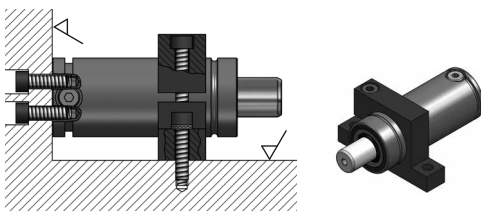
ENG	UPPER ROUND GROOVE FLANGE
DEU	BUNDFLANSCH
FRA	COLLERETTE POUR GORGE RONDE SUPÉRIEURE
ITA	FLANGIA PER SCANALATURA ROTONDA SUPERIORE
ESP	BRIDA PARA CAJERA SUPERIOR REDONDA
POR	FLANGE PARA O SULCO REDONDO SUPERIOR

B


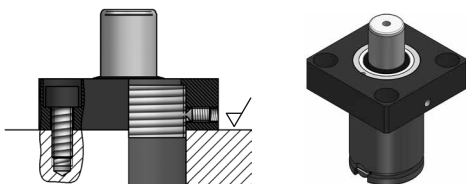
ENG	BOTTOM MOUNT PLATE
DEU	BODENBEFESTIGUNGSPLETTE
FRA	PLAQUE FIXATION INFÉRIEURE
ITA	BASE INFERIORE DI FISSAGGIO
ESP	BASE INFERIOR DE FIJACIÓN
POR	PLACA INFERIOR DA MONTAGEM

C


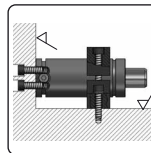
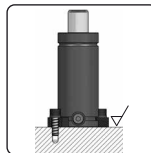
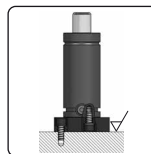
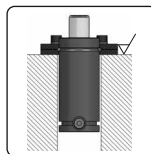
ENG	LOWER SQUARE GROOVE FLANGE
DEU	FUSSFLANSCH
FRA	FLASQUE-BRIDE POUR GORGE CARRÉE INFÉRIEURE
ITA	SEMI-FLANGIA PER SCANALATURA QUADRATA INFERIORE
ESP	BRIDA PARA CAJERA INFERIOR CUADRADA
POR	FLANGE PARA O SULCO QUADRADO INFERIOR

D


ENG	SUPPORT MOUNT
DEU	KLEMMFLANSCH
FRA	SUPPORT AVANT
ITA	SUPPORTI ANTERIORI
ESP	BRIDA DE APOYO
POR	FLANGE DE SUSTENTAÇÃO

E


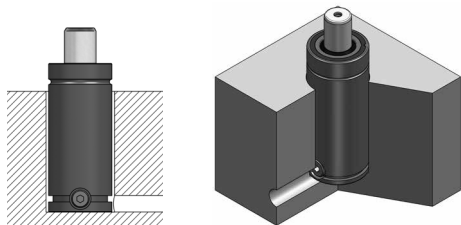
ENG	THREADED BODY FLANGE
DEU	KÖRPERGEWINDEFLANSCH
FRA	BRIDE VISSÉE SUR LE CORPS FILETÉ
ITA	FLANGIA FILETTATA PER IL CORPO
ESP	BRIDA ROSCADA SOBRE EL CUERPO
POR	FLANGE ROSQUEADA DO CORPO



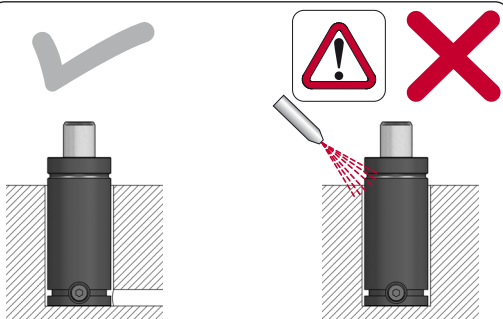
- Fix the gas spring through the appropriate mount.
- The bottom should be supported at all the times.
- A flat surface against the base is always required.

MOUNTING GUIDELINES**AZOL
GAS**

Flange Mounts

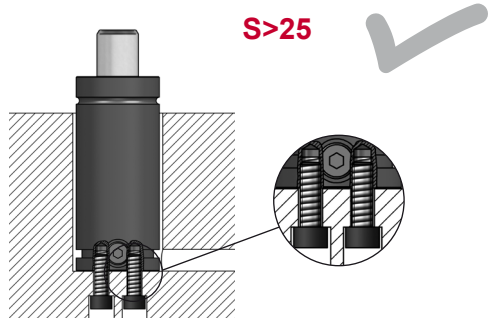
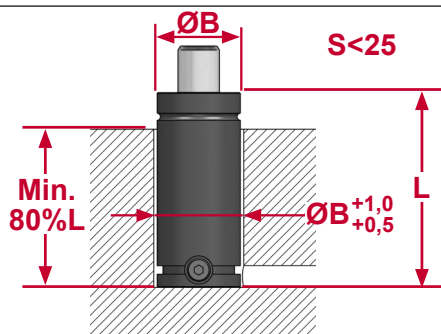
DROP-IN

ENG	DROP-IN MOUNTING
DEU	EINBAU IN KAVERNE
FRA	MONTAGE DANS POCHÉ
ITA	MONTAGGIO NELLA SEDE
ESP	MONTAJE EN CAJERA
POR	FIXAÇÃO NO ALOJAMENTO



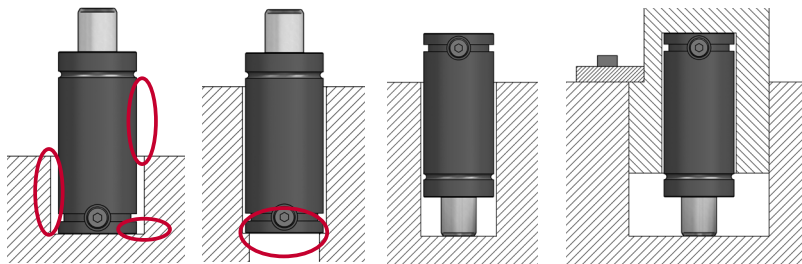
Protect the gas springs from solid or liquid contaminants.

Provide adequate drainage in gas springs pockets.



When the gas springs are installed into a bored pocket, the bored pocket diameter should not exceed 1mm larger than the gas spring body diameter. And the bore pocket depth must be minimum 80% of L.

Screws on the base should be always used for strokes lengths > 25 mm.



The base should be supported at all the times. A flat surface against the base is always required. Do not mount a gas spring in a pocket upside down.

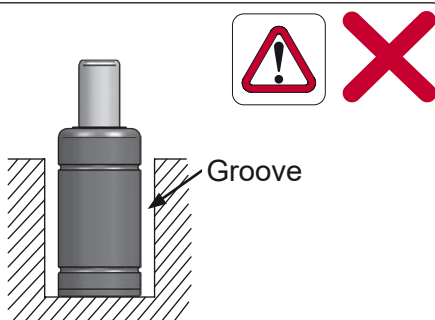
Inadequate pockets (with higher diameter or shorter length) could cause structural damages and reduce the life expectancy of the gas springs.



MOUNTING GUIDELINES

Flange Mounts

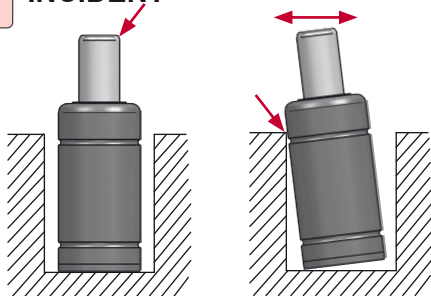
1



Gas springs must be firmly fastened at all the time, special attention is required when installed into a bored pocket (groove).

2

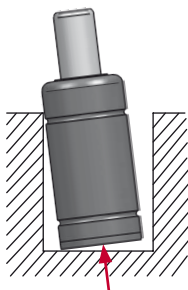
INCIDENT



If significant side-load push gas spring against one side of the groove, the gas springs are constantly moving inside the groove on every press cycle.

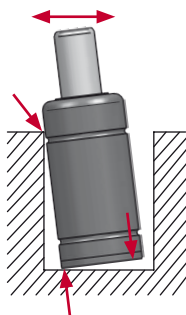
Marks of impacts are shown on gas springs bodies.

3



A flat surface supporting the whole gas spring base is required, but in the mentioned side-loads application the base is not fully supported all the time in the whole base surface.

4



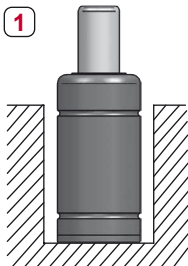
Gas spring base is only supported on a partial surface in contact with the die.

Finally premature wearing or damages on gas spring reduce its life expectancy.

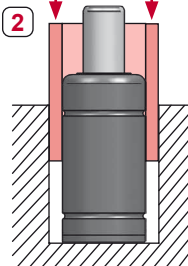
5

SOLUTION

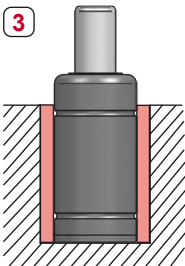
1



2



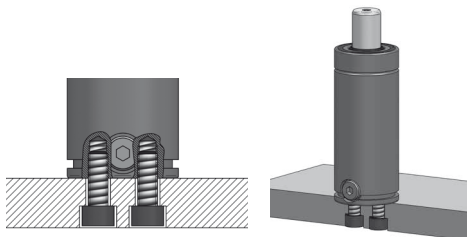
3



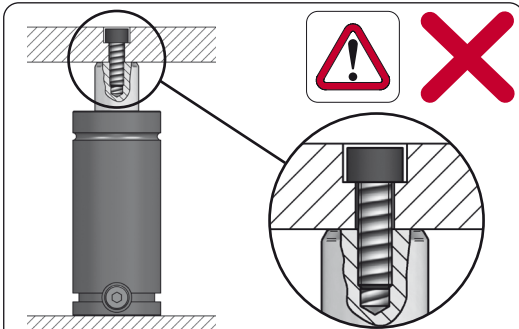
If detected gas spring is not firmly and properly fitted, a guide bushing should be used to prevent not desired movements of gas spring during press working operations.

MOUNTING GUIDELINES**AZOL
GAS**

Flange Mounts

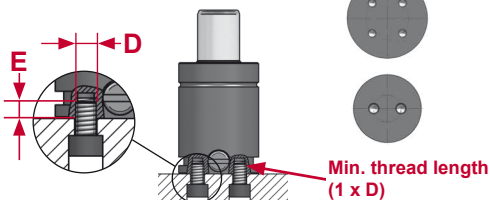
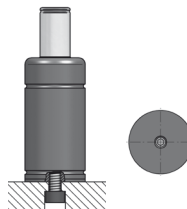
SCREWS

ENG	SCREWS MOUNTING
DEU	BEFESTIGUNG MIT SCHRAUBEN
FRA	MONTAGE AVEC VIS
ITA	MONTAGGIO CON VITI
ESP	MONTAJE CON TORNILLOS
POR	MONTAGEM COM PARAFUSOS



Do not use the piston rod threaded hole for fixing the gas spring into the tool.

This hole is only to be used for maintenance operations.

**Multiple
base thread****Single
base thread**

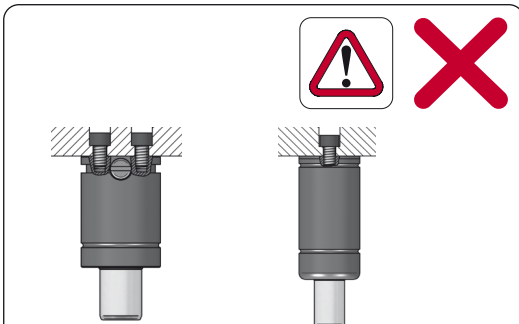
When mounting gas springs directly to the tool by screws it is important to follow the instructions about quality of screws, thread length, safety washers and torque.
Use thread locking if the gas spring base threads length (E) are < thread diameter (D), for example CW series.

Gas springs with only a single base thread should not be mounted by screws.

Min. thread length
(1 x D)



The rod threaded hole is only to be used for maintenance operations or transport. (Gas springs heavier than 15 kgs are marked according to VDI).

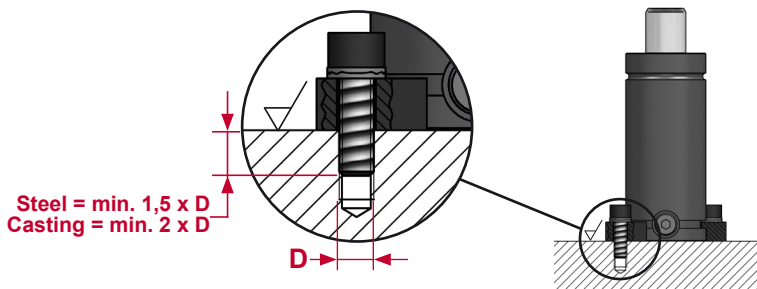


Mounting gas springs directly to the tool by screws it is not recommended when gas springs are upside down.

Special attention is required for gas springs whose base threads length (E) are < thread diameter (D).



THREAD LENGTH

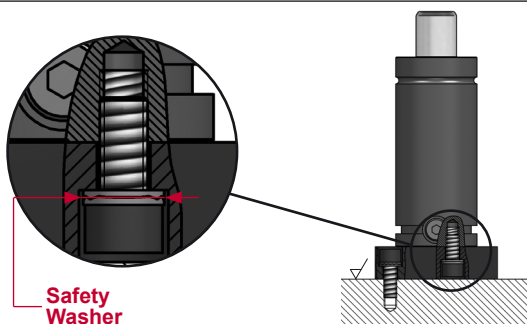


The screws must keep a thread length of:

- thread diameter x1,5 if fixed in steel
- thread diameter x2 if fixed in casting

WASHERS

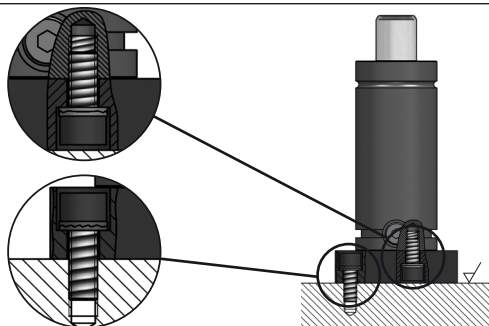
DIN 912 - 12.9	Safety Washer
Thread	Dimensions
M6	Ø10,8 x 1,8
M8	Ø13,5 x 2,5
M10	Ø16,6 x 2,5
M12	Ø19,5 x 2,5
M16	Ø25,4 x 3,4



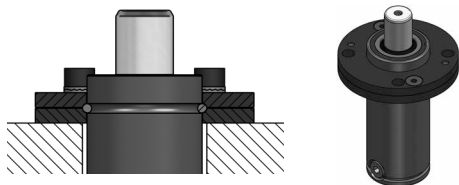
We recommend using safety washers of the mentioned quality when fixing the fitting screws.
Screws DIN 912 - 12.9

SCREWS

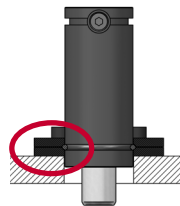
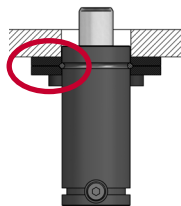
DIN 912 - 12.9	Torque
Thread	Nm
M6	15
M8	38
M10	75
M12	128
M16	311



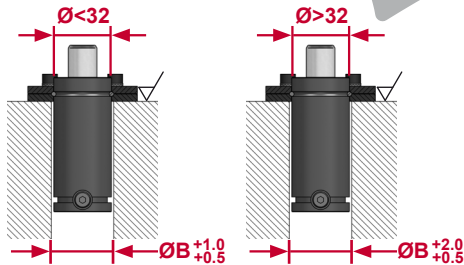
Use screws with the mentioned quality and respect the corresponding torque by using a dynamometric tool.

MOUNTING GUIDELINES*Flange Mounts***MOUNT TYPE A**

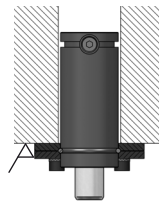
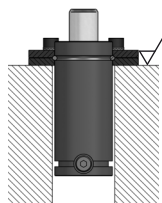
ENG	UPPER ROUND GROOVE FLANGE
DEU	BUNDFLANSCH
FRA	COLLERETTE POUR GORGE RONDE SUPÉRIEURE
ITA	FLANGIA PER SCANALATURA ROTONDA SUPERIORE
ESP	BRIDA PARA CAJERA SUPERIOR REDONDA
POR	FLANGE PARA O SULCO REDONDO SUPERIOR



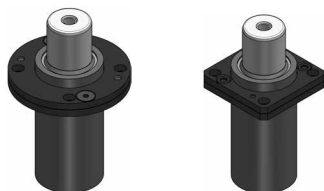
Do not use mounts type A when the mounting screws have to support the full compression force of the gas spring.



When using mount type A into a bored pocket, the bored pocket diameter (B) should not exceed 1mm larger than the gas spring body diameter 32 mm and not exceed 2 mm larger than gas spring body diameter > 32 mm.



Following the mounting guidelines, mounts type A are intended to be used both vertically right and upside down.

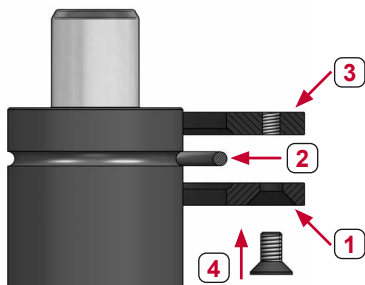


When using CS gas springs series we recommend the base to be supported at all the times, a flat surface against the base is always required.



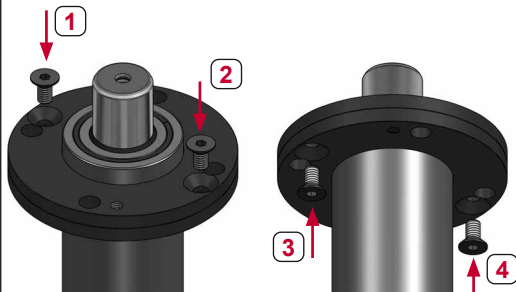
MOUNTING GUIDELINES

Flange Mounts



Mount fitting sequence type A:

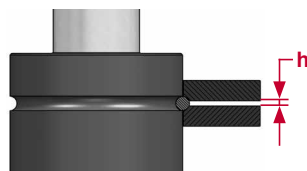
- STEP 1: insert the inferior part
- STEP 2: place the locking ring
- STEP 3: set the superior part
- STEP 4: fit both parts with screws



When threading the screws follow the steps as shown on the pictures, with a progressive torque on each screw.

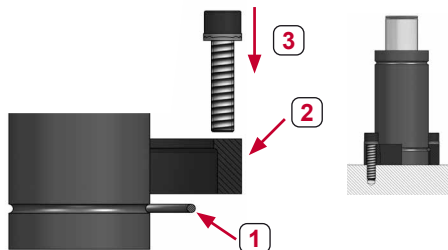
MOUNT / MOUNT		MOUNT / TOOL	
DIN 7991	Torque	DIN 912-12.9	Torque
Thread	Nm	Thread	Nm
M3	1	M6	15
M4	3	M8	38
M5	6	M10	75
M6	10	M12	128
---	---	M16	311

Use screws with the mentioned quality and respect the corresponding torque.



Ø BODY	Gap between parts (h)	
	Minimum	Maximum
≤ Ø45	0,10 mm	0,40 mm
Ø50	0,10 mm	0,55 mm
≥ Ø63	0,20 mm	0,75 mm

Both parts of the mount (superior and inferior) should never contact once assembled, keep always the minimum gap indicated.



MOUNTS "A" INFERIOR GROOVE (CS)
A19-038
A54-050
A54-075
A54-095
A19-120
A19-150



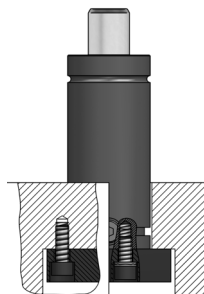
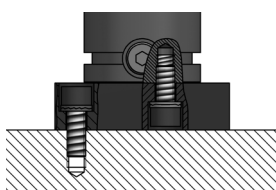
MOUNTS "A" INFERIOR GROOVE (MINI-CW)
A19-019
A19-025

Only to be used for strokes 7-25 mm



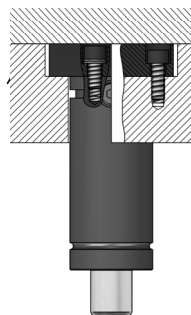
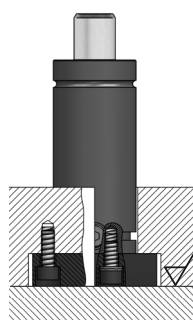
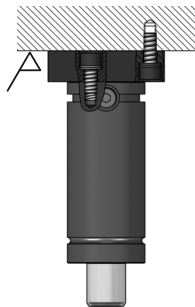
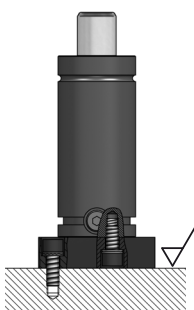
Fitting sequence for mounts type A on inferior groove:

- STEP 1: place the locking ring
- STEP 2: set the mount
- STEP 3: fit both parts with screws

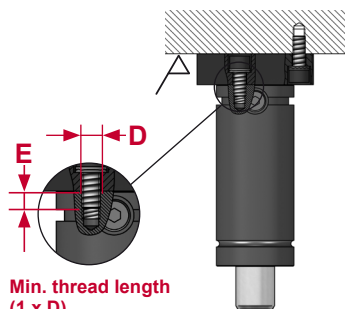
MOUNTING GUIDELINES*Flange Mounts***MOUNT TYPE B**

ENG	BOTTOM MOUNT PLATE
DEU	BODENBEFESTIGUNGSPLATTE
FRA	PLAQUE FIXATION INFÉRIEURE
ITA	BASE INFERIORE DI FISSAGGIO
ESP	BASE INFERIOR DE FIJACIÓN
POR	PLACA INFERIOR DA MONTAGEM

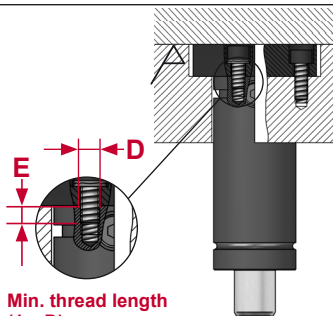
When using mounts type B the base must be supported at all the times to avoid full compression force of the gas spring being transferred through the mounting screws.



Following the mounting guidelines, mounts type B are intended to be used both vertically right and upside down.



Min. thread length
(1 x D)



Min. thread length
(1 x D)

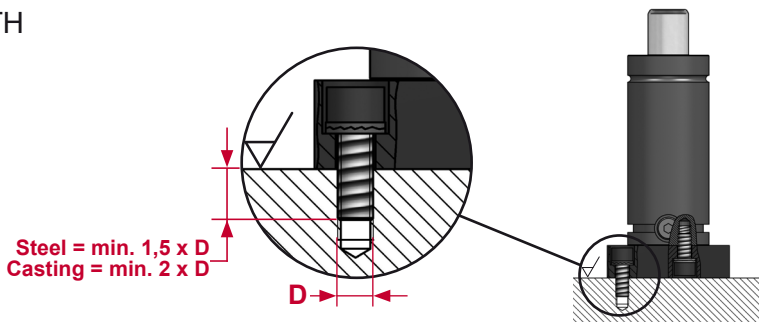


When mounting gas springs upside down by mounts B it is important to follow the instructions about quality of screws, thread length, safety washers and torque.

Use thread locking if the gas spring base threads length (E) are < thread diameter (D), for example CW series.



THREAD LENGTH

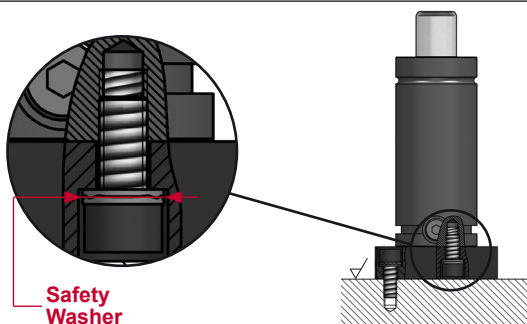


The screws must keep a thread length of:

- thread diameter x1,5 if fixed in steel
- thread diameter x2 if fixed in casting

WASHERS

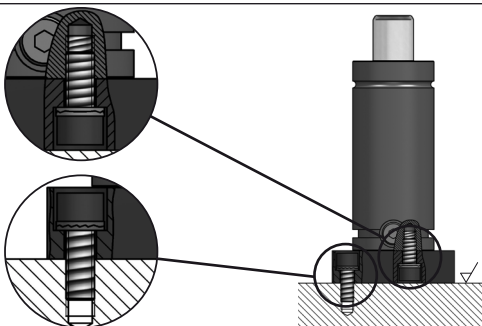
 DIN 912 - 12.9	 Safety Washer
Thread	Dimensions
M6	Ø10,8 x 1,8
M8	Ø13,5 x 2,5
M10	Ø16,6 x 2,5
M12	Ø19,5 x 2,5
M16	Ø25,4 x 3,4



We recommend using safety washers of the mentioned quality when fixing the fitting screws.
Screws DIN 912 - 12.9

SCREWS

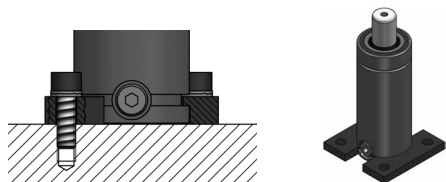
 DIN 912 - 12.9	 Torque
Thread	Nm
M6	15
M8	38
M10	75
M12	128
M16	311



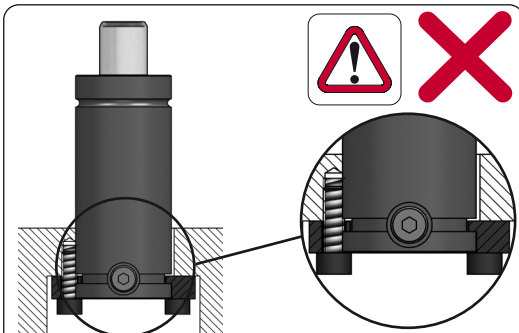
Use screws with the mentioned quality and respect the corresponding torque by using a dynamometric tool.

MOUNTING GUIDELINES**AZOL
GAS**

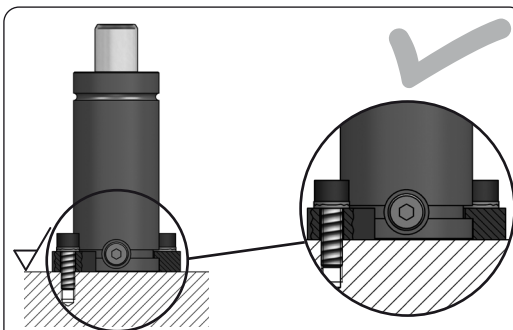
Flange Mounts

MOUNT TYPE C

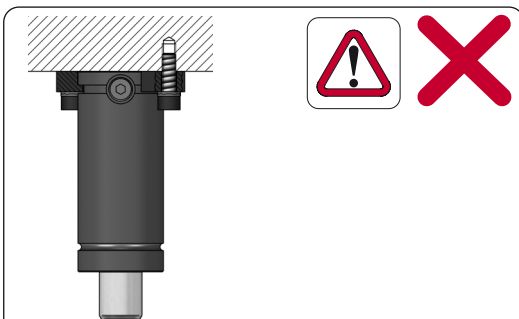
ENG	LOWER SQUARE GROOVE FLANGE
DEU	FUSSFLANSCH
FRA	FLASQUE-BRIDE POUR GORGE CARRÉE INFÉRIEURE
ITA	SEMI-FLANGIA PER SCANALATURA QUADRATA INFERIORE
ESP	BRIDA PARA CAJERA INFERIOR CUADRADA
POR	FLANGE PARA O SULCO QUADRADO INFERIOR



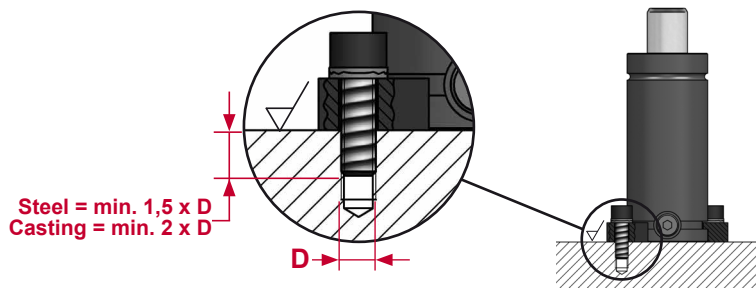
When using mounts type C the base must be supported at all the times to avoid full compression force of the gas spring being transferred through the mounting screws.



Following the mounting guidelines, mounts type C are intended to be used vertically right.



Mounting gas springs by using mount type C it is not recommended when gas springs are upside down.

THREAD LENGTH

The screws must keep a thread length of:

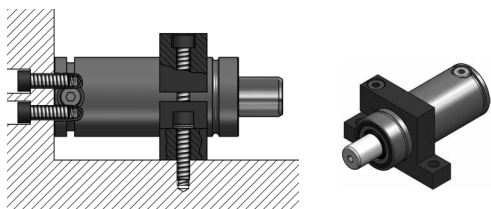
- thread diameter x1,5 if fixed in steel
- thread diameter x2 if fixed in casting



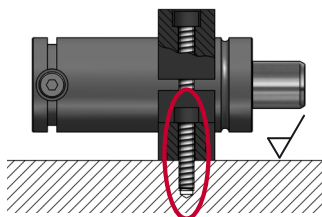
MOUNTING GUIDELINES

Flange Mounts

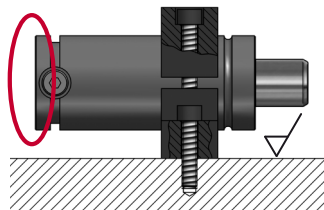
MOUNT TYPE D



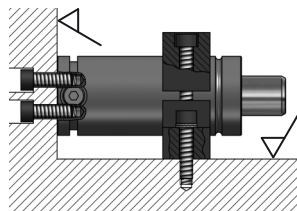
ENG	SUPPORT MOUNT
DEU	KLEMMFLANSCH
FRA	SUPPORT AVANT
ITA	SUPPORTI ANTERIORI
ESP	BRIDA DE APOYO
POR	FLANGE DE SUSTENTAÇÃO



Do not use mounts type D when the mounting screws have to support the full compression force of the gas spring.

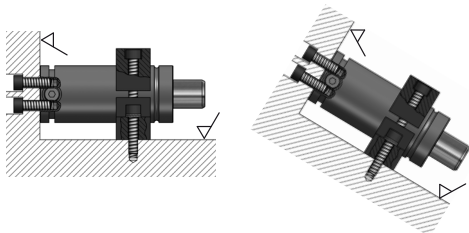


The base should be supported at all the times.
A flat surface against the base is always required.

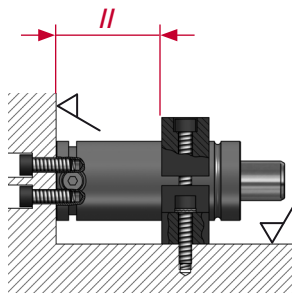


Example of correct mounting type D.

Use always screws on the base to fix the gas spring.



Following the mounting guidelines, mounts type D are intended to be used both vertically right and upside down.



Make sure the gas spring fits parallel to mounting surface to minimize the impact of side loads.

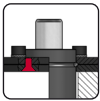
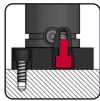
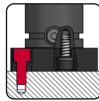
MOUNTING GUIDELINES

Flange Mounts

MOUNT TYPE A

	 MOUNT / MOUNT		 MOUNT / GAS SPRING		 MOUNT / TOOL	
MOUNT	 THREAD	 TORQUE(Nm)	 THREAD	 TORQUE(Nm)	 THREAD	 TORQUE(Nm)
A14-012	M5 (x2)	6	----	----	M6 (x2)	15
A59-012	M3 (x4)	1	----	----	M6 (x2)	15
A14-015	M4 (x2)	3	----	----	M6 (x2)	15
A49-015	M3 (x4)	1	----	----	M6 (x2)	15
A14-019	M5 (x2)	6	----	----	M6 (x2)	15
A19-019	----	----	----	----	M6 (x2)	15
A44-019	----	----	----	----	M6 (x4)	15
A59-019	M3 (x4)	1	----	----	M6 (x2)	15
A14-025	M5 (x2)	6	----	----	M6 (x4)	15
A19-025	----	----	----	----	M6 (x2)	15
A44-025	M5 (x2)	6	----	----	M6 (x4)	15
A49-025	M5 (x4)	6	----	----	M6 (x2)	15
A14-032	M5 (x4)	6	----	----	M6 (x4)	15
A34-032	M3 (x4)	1	----	----	M6 (x4)	15
A44-032	M5 (x2)	6	----	----	M6 (x4)	15
A14-038	M5 (x4)	6	----	----	M6 (x4)	15
A19-038	----	----	----	----	M6 (x4)	15
A34-038	M4 (x4)	3	----	----	M6 (x4)	15
A14-045	M6 (x4)	10	----	----	M8 (x4)	38
A34-045	M5 (x4)	6	----	----	M8 (x4)	38
A14-050	M6 (x4)	10	----	----	M8 (x4)	38
A34-050	M5 (x4)	6	----	----	M8 (x4)	38
A54-050	----	----	----	----	M8 (x4)	38
A59-050	M5 (x4)	6	----	----	M8 (x4)	38
AX9-050	----	----	----	----	M8 (x4)	38
AY4-050	M6 (x2)	10	----	----	M10 (x4)	75
A14-063	M6 (x4)	10	----	----	M10 (x4)	75
A39-063	M6 (x4)	10	----	----	M10 (x4)	75
A69-063	M5 (x4)	6	----	----	M10 (x4)	75
AY4-063	M6 (x2)	10	----	----	M10 (x4)	75
A14-075	M6 (x4)	10	----	----	M10 (x4)	75
A34-075	M6 (x4)	10	----	----	M10 (x4)	75
A54-075	----	----	----	----	M10 (x4)	75
A59-075	M6 (x4)	10	----	----	M10 (x4)	75
AX9-075	----	----	----	----	M10 (x4)	75
AY4-075	M6 (x2)	10	----	----	M12 (x4)	128
A14-095	M6 (x4)	10	----	----	M12 (x4)	128
A34-095	M6 (x4)	10	----	----	M12 (x4)	128
A54-095	----	----	----	----	M12 (x4)	128
A59-095	M6 (x4)	10	----	----	M12 (x4)	128
AX9-095	----	----	----	----	M12 (x4)	128
AY4-095	M6 (x2)	10	----	----	M12 (x4)	128
A14-105	M6 (x4)	10	----	----	M12 (x4)	128
A14-120	M6 (x4)	10	----	----	M12 (x4)	128
A19-120	----	----	----	----	M12 (x4)	128
A34-120	M6 (x4)	10	----	----	M12 (x4)	128
AY4-120	M6 (x2)	10	----	----	M12 (x4)	128
A14-150	M6 (x4)	10	----	----	M16 (x4)	311
A19-150	----	----	----	----	M16 (x4)	311
A34-150	M6 (x4)	10	----	----	M16 (x4)	311
AY4-150	M6 (x2)	10	----	----	M16 (x4)	311
A14-195	M6 (x4)	10	----	----	M16 (x4)	311
A34-195	M6 (x4)	10	----	----	M16 (x4)	311


MOUNT TYPE B

	 MOUNT / MOUNT		 MOUNT / GAS SPRING		 MOUNT / TOOL	
	 THREAD	 TORQUE(Nm)	 THREAD	 TORQUE(Nm)	 THREAD	 TORQUE(Nm)
B21-045	...	...	M8 (x2)	38	M8 (x4)	38
B43-045	...	...	M8 (x2)	38	M8 (x2)	38
B76-045	...	...	M8 (x2)	38	M8 (x4)	38
B21-050	...	...	M8 (x2)	38	M8 (x4)	38
B33-050	...	...	M10 (x2)	75	M12 (x2)	128
B43-050	...	...	M8 (x2)	38	M12 (x2)	128
B76-050	...	...	M8 (x2)	38	M8 (x4)	38
B91-050	...	...	M10 (x2)	75	M10 (x4)	75
B21-063	...	...	M8 (x2)	38	M8 (x4)	38
B76-063	...	...	M8 (x2)	38	M8 (x4)	38
B21-075	...	...	M8 (x4)	38	M10 (x4)	75
B33-075	...	...	M12 (x4)	128	M12 (x2)	128
B43-075	...	...	M8 (x4)	38	M12 (x2)	128
B76-075	...	...	M8 (x4)	38	M10 (x4)	75
B91-075	...	...	M12 (x4)	128	M12 (x4)	128
B16-095	...	...	M8 (x4)	38	M12 (x4)	128
B21-095	...	...	M8 (x4)	38	M12 (x4)	128
B33-095	...	...	M12 (x4)	128	M12 (x2)	128
B43-095	...	...	M8 (x4)	38	M12 (x2)	128
B76-095	...	...	M8 (x4)	38	M12 (x4)	128
B91-095	...	...	M12 (x4)	128	M16 (x4)	311
B21-105	...	...	M8 (x4)	38	M12 (x4)	128
B76-105	...	...	M8 (x4)	38	M10 (x4)	75
B16-120	...	...	M10 (x4)	75	M12 (x4)	128
B21-120	...	...	M10 (x4)	75	M12 (x4)	128
B33-120	...	...	M12 (x4)	128	M12 (x2)	128
B43-120	...	...	M10 (x4)	75	M12 (x2)	128
B76-120	...	...	M10 (x4)	75	M12 (x4)	128
B16-150	...	...	M10 (x4)	75	M16 (x4)	311
B21-150	...	...	M10 (x4)	75	M16 (x4)	311
B76-150	...	...	M10 (x4)	75	M16 (x4)	311
B21-195	...	...	M12 (x4)	128	M16 (x4)	311
B76-195	...	...	M12 (x4)	128	M16 (x4)	311

MOUNTING GUIDELINES

Flange Mounts

MOUNT TYPE C

	 MOUNT / MOUNT		 MOUNT / GAS SPRING		 MOUNT / TOOL	
MOUNT	 THREAD	 TORQUE(Nm)	 THREAD	 TORQUE(Nm)	 THREAD	 TORQUE(Nm)
C05-032	...	...	...	...	M6 (x4)	15
C20-032	...	...	...	...	M6 (x4)	15
C05-038	...	...	...	...	M6 (x4)	15
C20-038	...	...	...	...	M6 (x4)	15
C05-045	...	...	...	...	M8 (x4)	38
C20-045	...	...	...	...	M8 (x4)	38
C05-050	...	...	...	...	M8 (x4)	38
C20-050	...	...	...	...	M8 (x4)	38
C05-063	...	...	...	...	M10 (x4)	75
C30-063	...	...	...	...	M10 (x4)	75
C35-063	...	...	...	...	M10 (x4)	75
C05-075	...	...	...	...	M10 (x4)	75
C20-075	...	...	...	...	M10 (x4)	75
C05-095	...	...	...	...	M12 (x4)	128
C20-095	...	...	...	...	M12 (x4)	128
C05-120	...	...	...	...	M12 (x4)	128
C20-120	...	...	...	...	M12 (x4)	128
C05-150	...	...	...	...	M16 (x4)	311
C20-150	...	...	...	...	M16 (x4)	311
C05-195	...	...	...	...	M16 (x4)	311
C20-195	...	...	...	...	M16 (x4)	311

MOUNT TYPE D

D02-025	...	...	...	...	M8 (x4)	38
D02-032	M8 (x1)	38	...	...	M8 (x2)	38
D67-032	...	...	...	...	M8 (x2)	38
D02-038	M8 (x1)	38	...	...	M8 (x2)	38
D67-038	...	...	...	...	M8 (x2)	38
D02-045	M8 (x1)	38	...	...	M8 (x2)	38
D67-045	...	...	...	...	M8 (x2)	38
D02-050	M8 (x1)	38	...	...	M8 (x2)	38
D67-050	...	...	...	...	M10 (x2)	75
D02-063	M10 (x1)	75	...	...	M10 (x2)	75
D67-063	...	...	...	...	M10 (x2)	75
D02-075	M10 (x1)	75	...	...	M10 (x2)	75
D67-075	...	...	...	...	M12 (x2)	128
D02-095	M12 (x1)	128	...	...	M12 (x2)	128
D67-095	...	...	...	...	M12 (x2)	128
D02-120	M12 (x1)	128	...	...	M12 (x2)	128
D67-120	...	...	...	...	M12 (x2)	128
D02-150	M12 (x1)	128	...	...	M12 (x2)	128
D67-150	...	...	...	...	M12 (x2)	128
D02-195	M12 (x1)	128	...	...	M12 (x2)	128



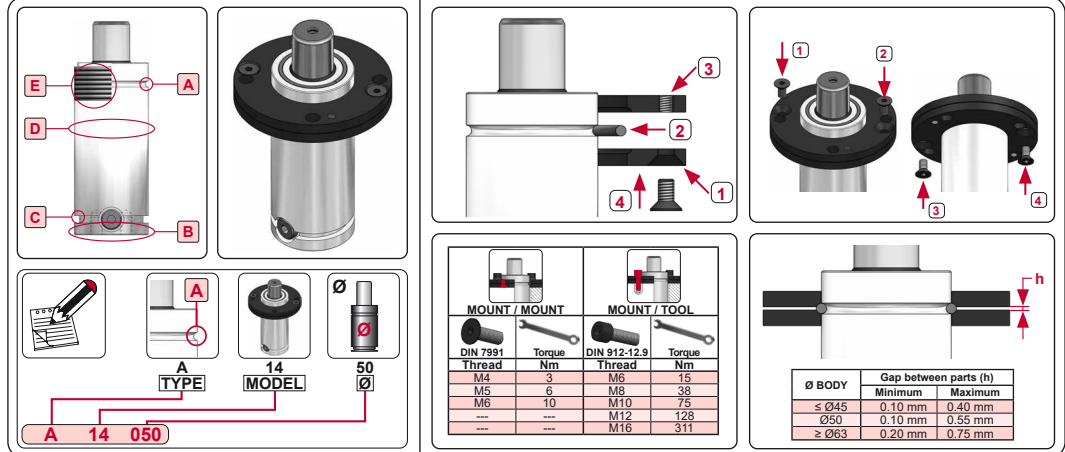
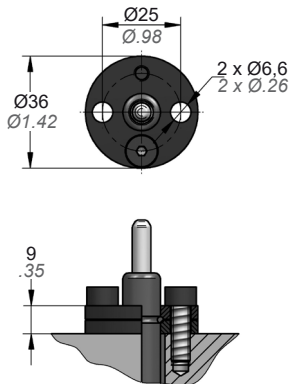
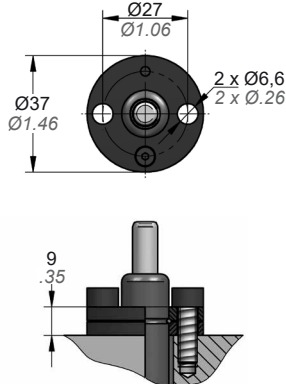
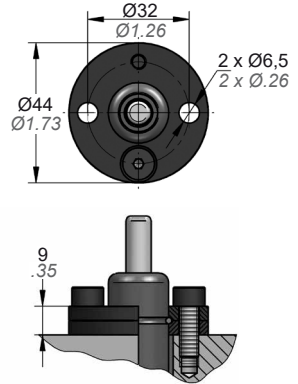
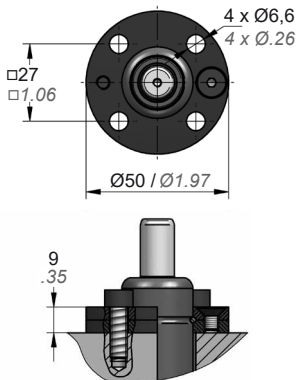
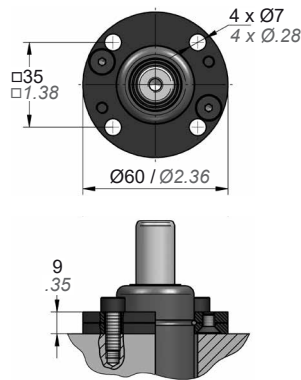
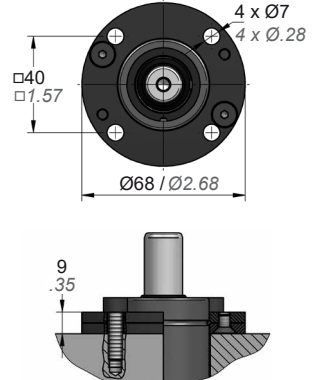
MOUNTING GUIDELINES

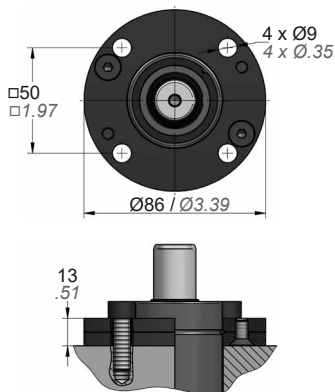
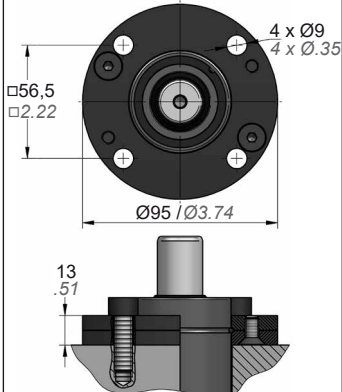
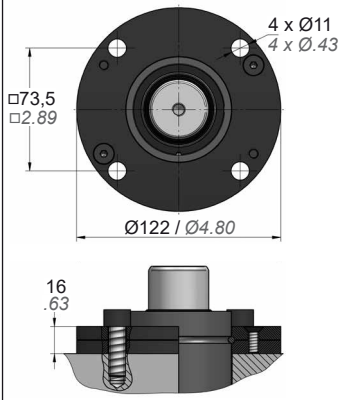
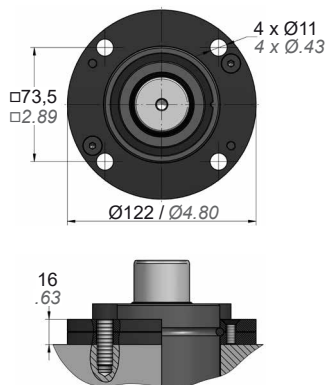
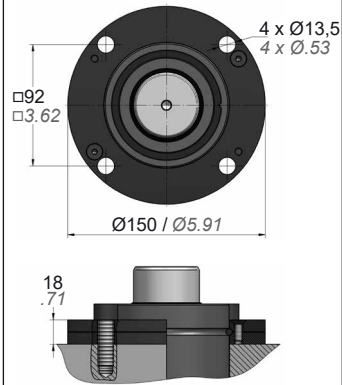
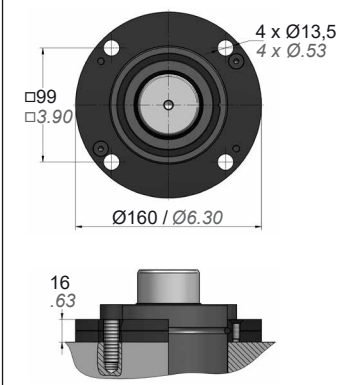
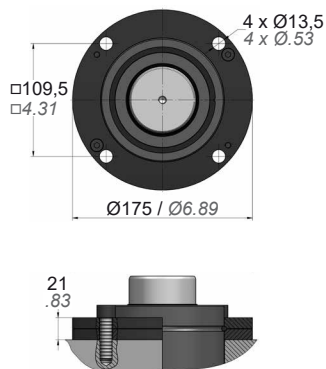
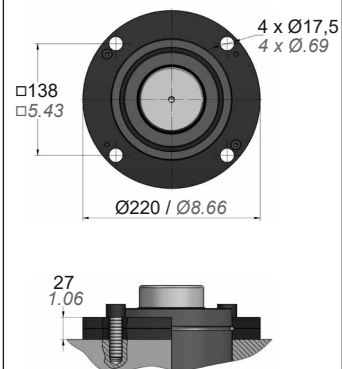
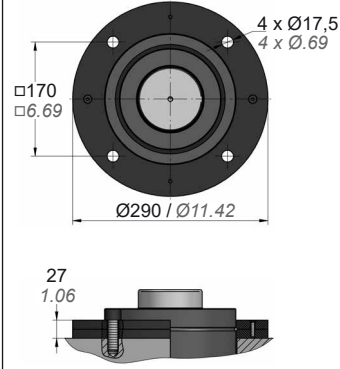
Flange Mounts



A14

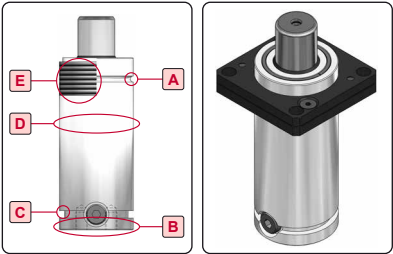
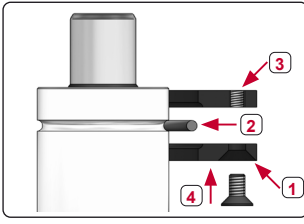
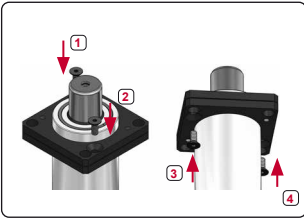
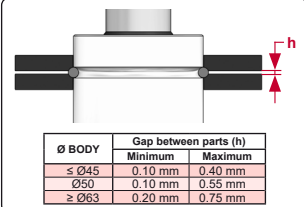
Flange Mounts

**AZOL
GAS** **A14-012****A14-015****A14-019****A14-025****A14-032****A14-038**

A14-045

A14-050

A14-063

A14-075

A14-095

A14-105

A14-120

A14-150

A14-195


A34

Flange Mounts

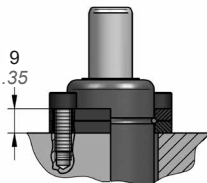
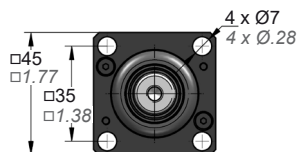
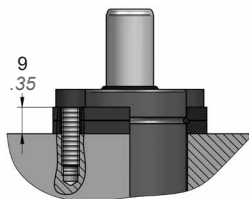
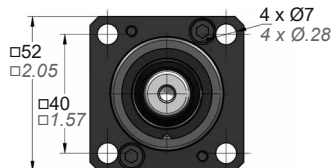
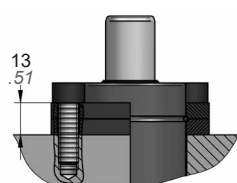
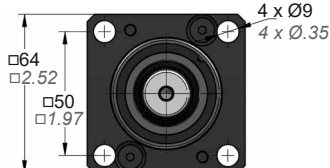
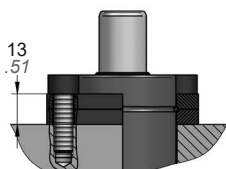
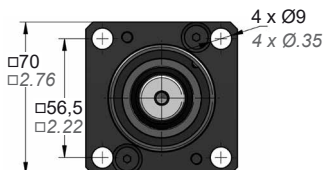
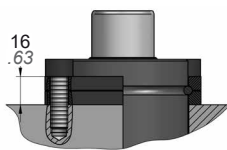
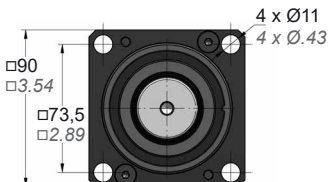
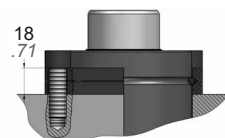
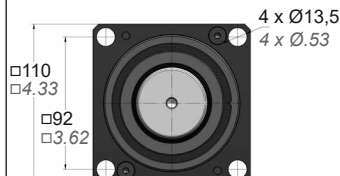
**AZOL
GAS** 





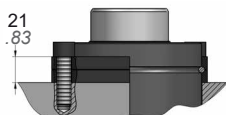
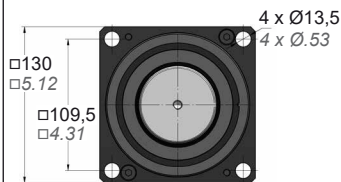
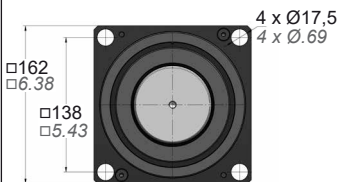
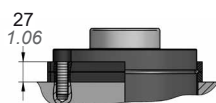
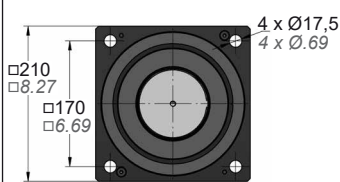
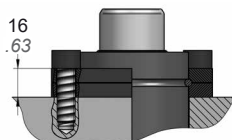
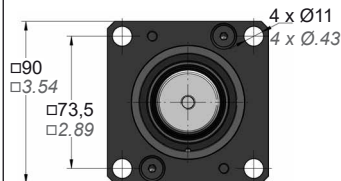
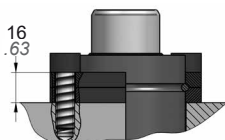
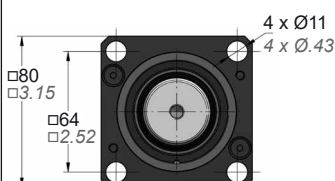
MOUNT / MOUNT		MOUNT / TOOL	
DIN 7991	Torque	DIN 912-12.9	Torque
Thread	Nm	Thread	Nm
M3	1	M6	15
M4	3	M8	38
M5	6	M10	75
M6	10	M12	128
		M16	311

Ø BODY	Gap between parts (h)	
	Minimum	Maximum
≤ Ø45	0.10 mm	0.40 mm
Ø50	0.10 mm	0.55 mm
≥ Ø63	0.20 mm	0.75 mm

A TYPE **34 MODEL** **50 Ø**

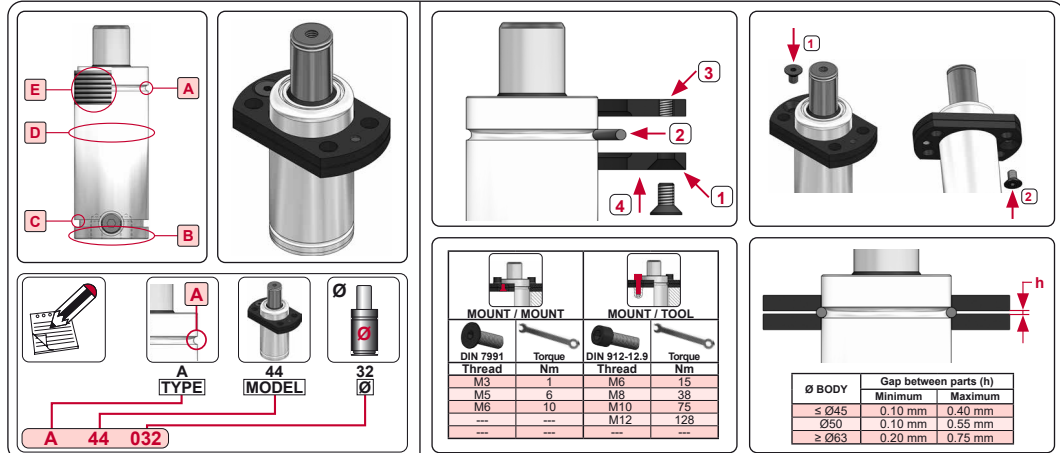
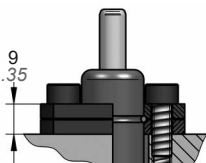
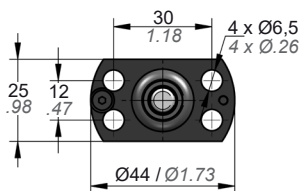
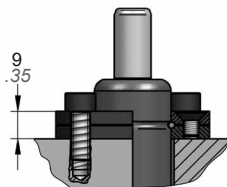
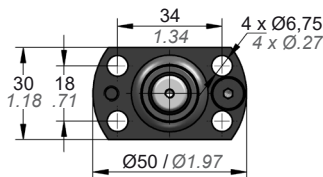
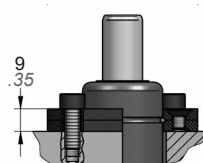
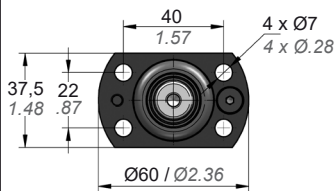
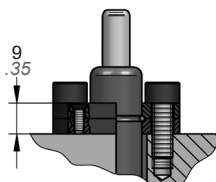
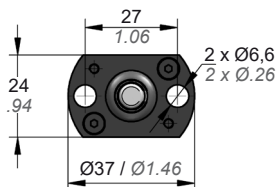
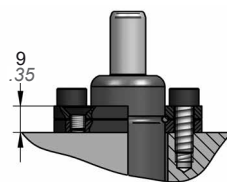
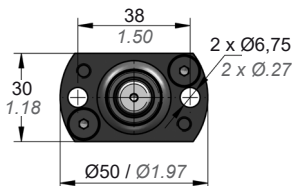
A 34 050

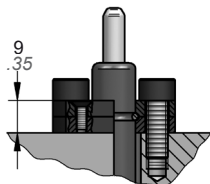
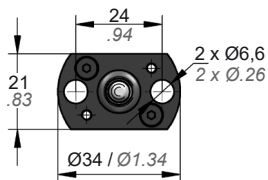
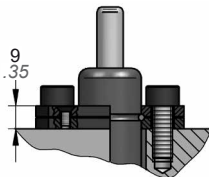
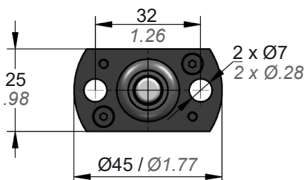
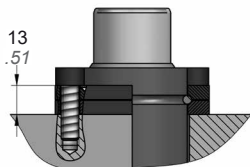
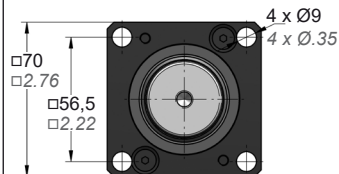
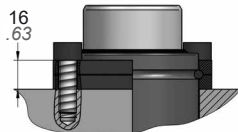
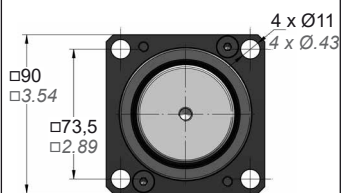
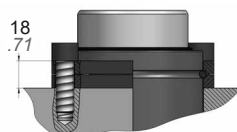
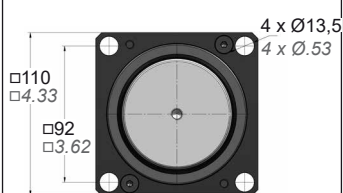
A34-032**A34-038****A34-045****A34-050****A34-075****A34-095**

A34-120

A34-150

A34-195

A39-063

A69-063


A44 / A49

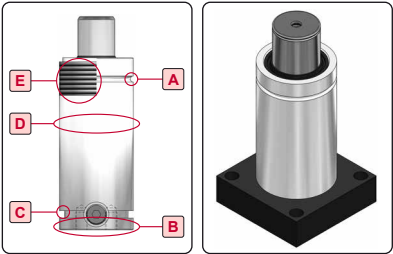
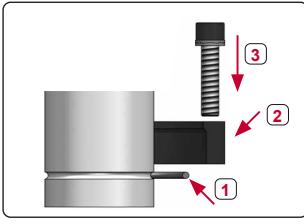
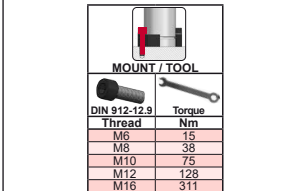
Flange Mounts

**AZOL
GAS** **A44-019****A44-025****A44-032****A49-015****A49-025**

A59-012

A59-019

A59-050

A59-075

A59-095


A19

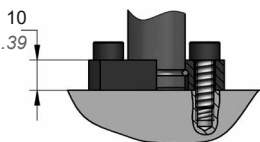
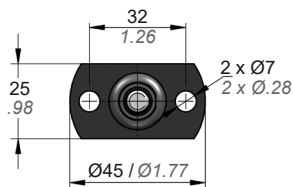
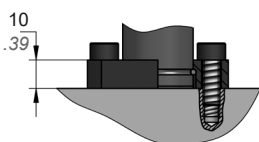
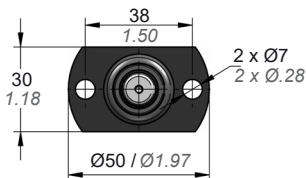
Flange Mounts

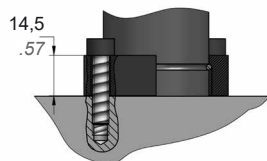
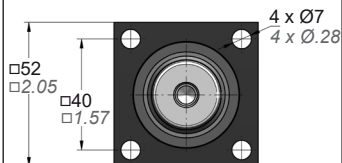
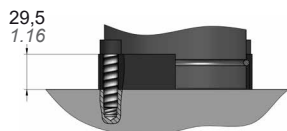
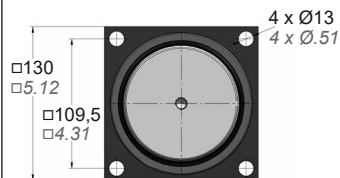
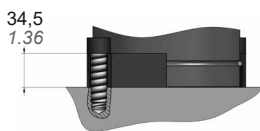
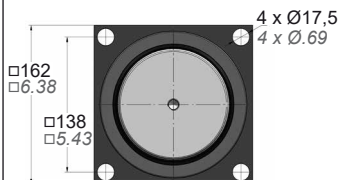
MOUNT / TOOL	
DIN 912-12.9	Torque
Thread	Nm
M6	15
M8	30
M10	75
M12	128
M16	311

A TYPE **19** MODEL **38** Ø

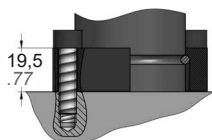
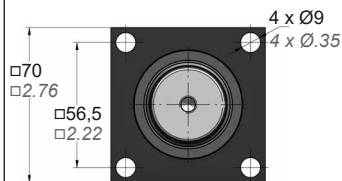
A 19 038

A19-019**A19-025****A19-038**

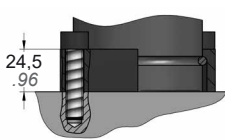
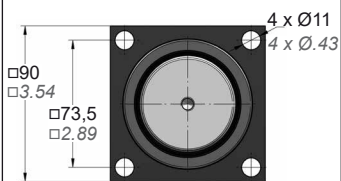
E24.54.815.G

**A19-120****A19-150**

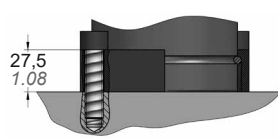
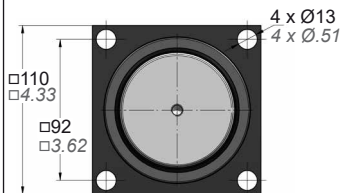
A54-050



A54-075

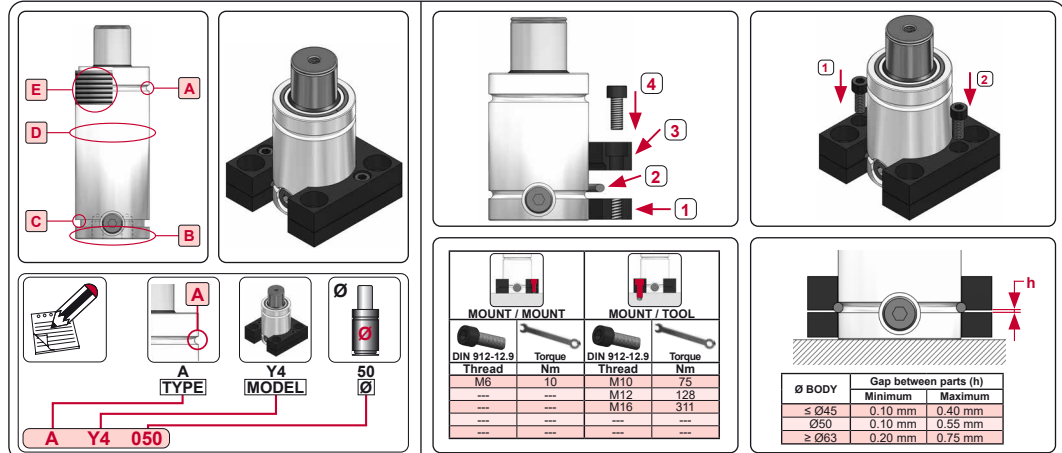
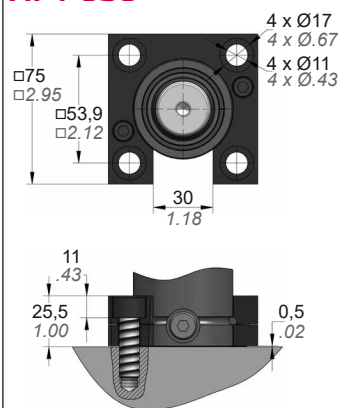
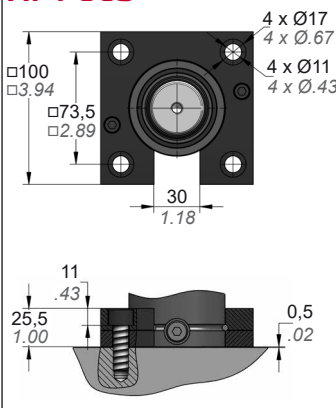
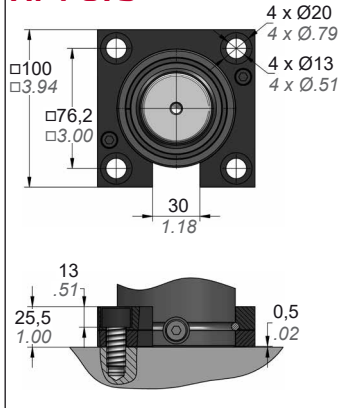
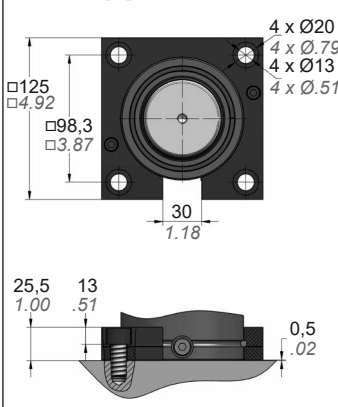
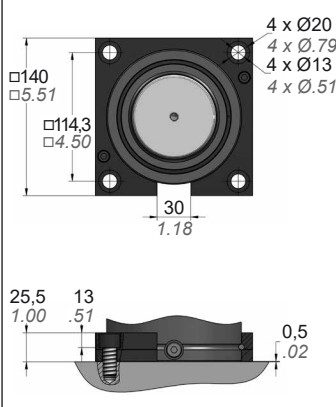
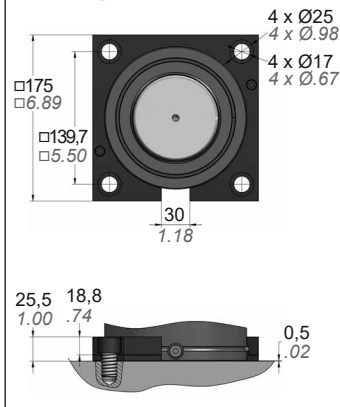


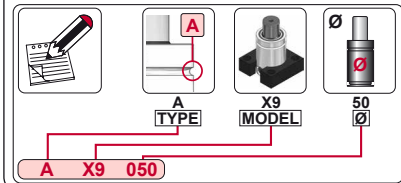
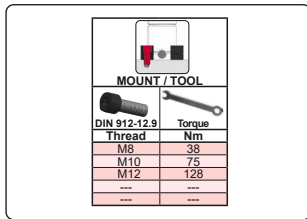
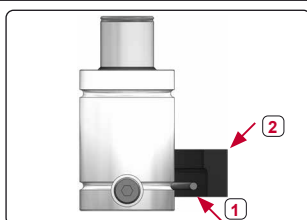
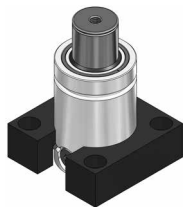
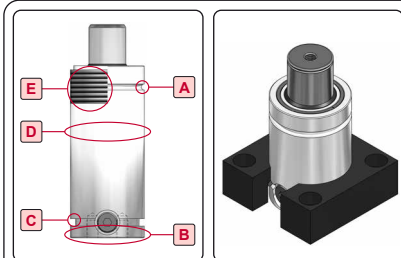
A54-095



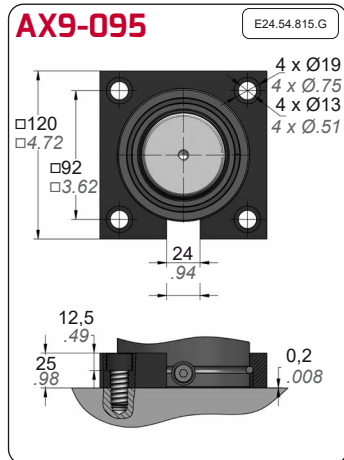
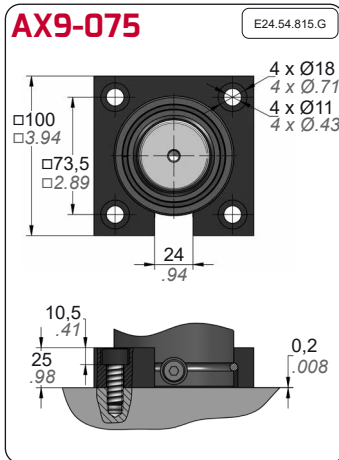
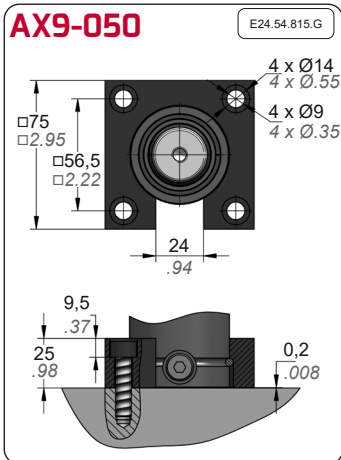
AY4

Flange Mounts

**AZOL
GAS** **AY4-050****AY4-063****AY4-075****AY4-095****AY4-120****AY4-150**

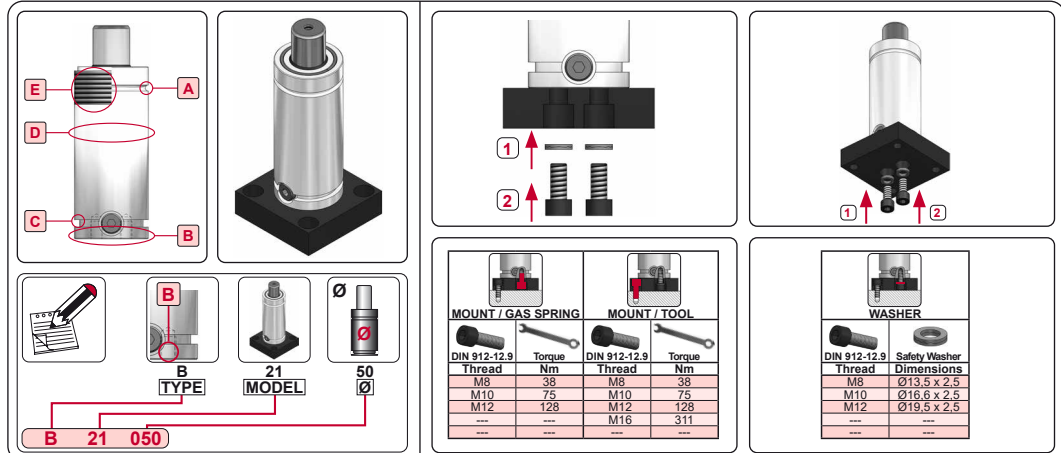
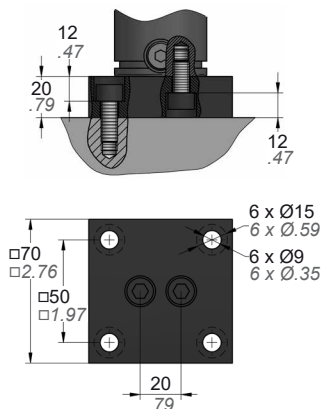


MOUNT / TOOL	
DIN 912-12.9	Torque
Thread	Nm
M8	38
M10	75
M12	128

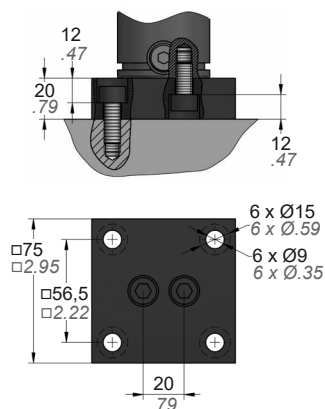
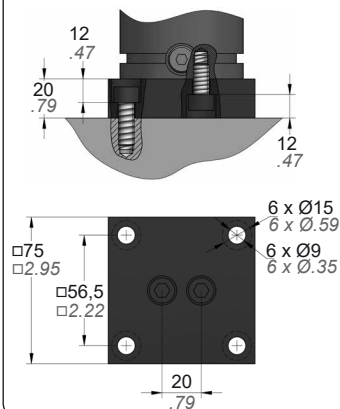


B21

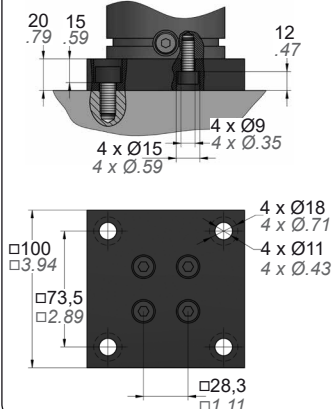
Flange Mounts

**B21-045****B21-050**

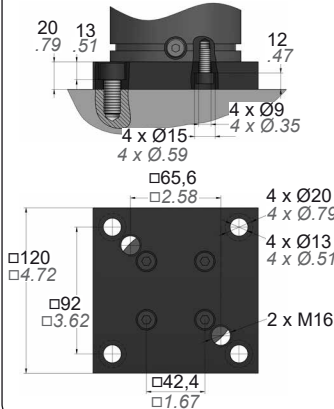
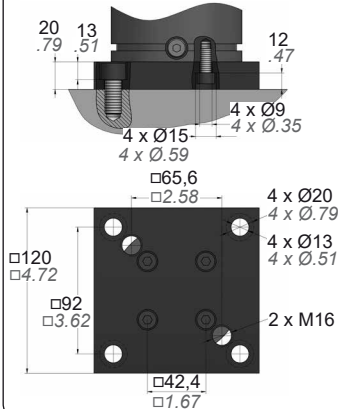
EM24.54.700IF

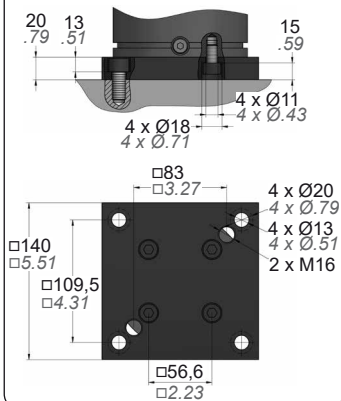
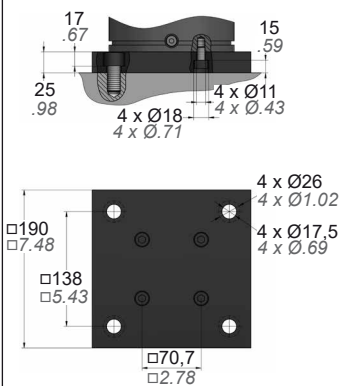
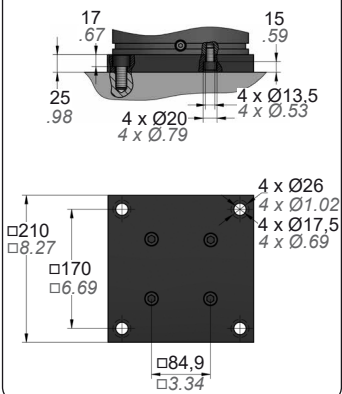
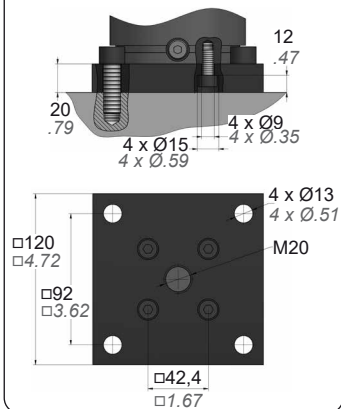
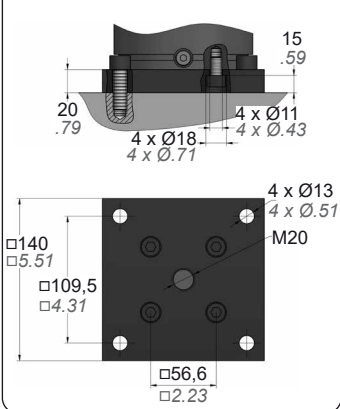
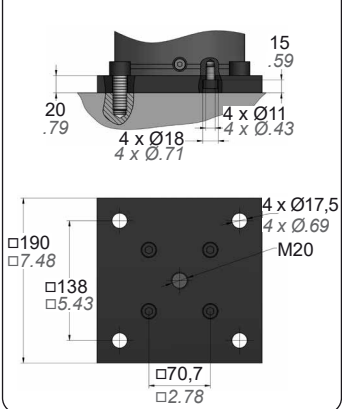
**B21-063****B21-075**

EM24.54.700IF

**B21-095**

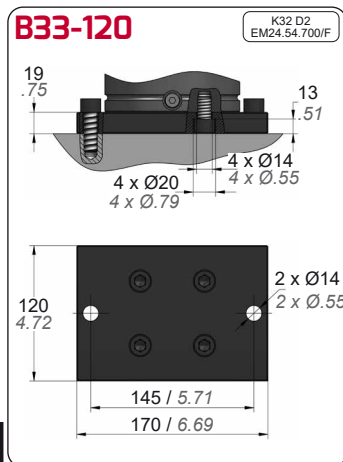
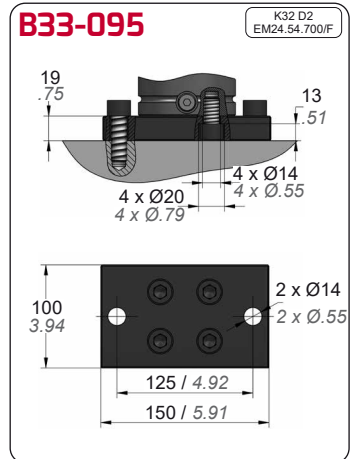
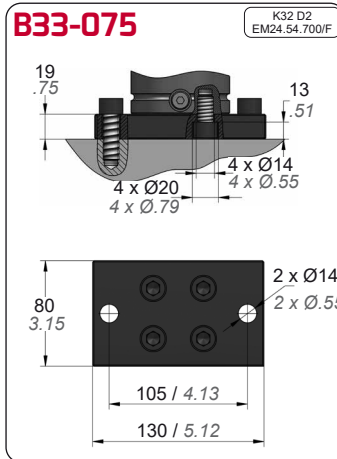
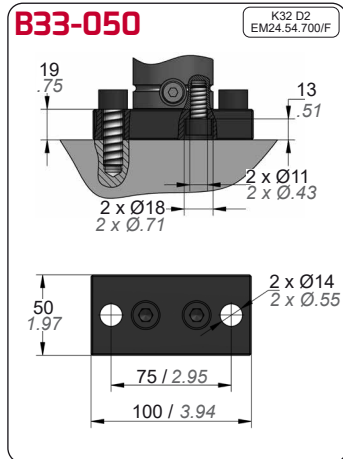
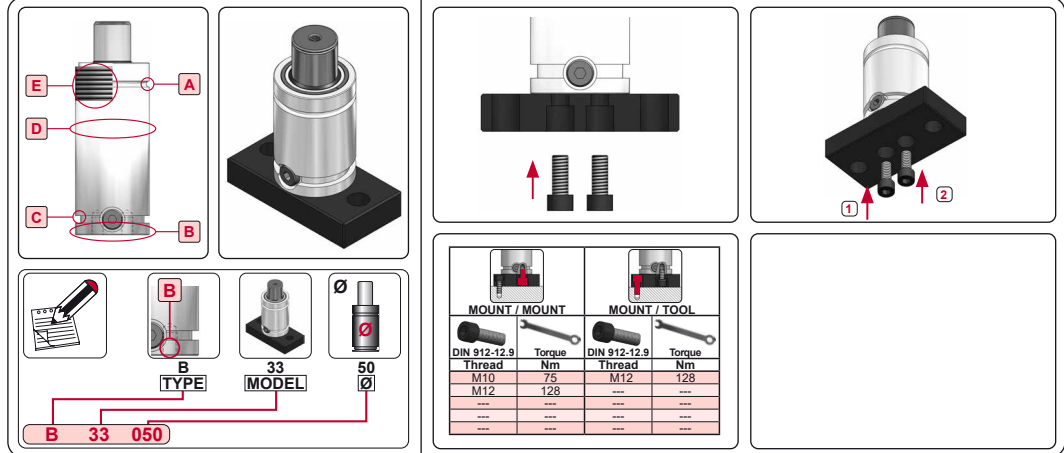
EM24.54.700IF

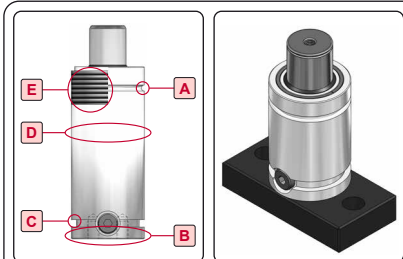
**B21-105**

B21-120

B21-150

B21-195

B16-095

B16-120

B16-150


B33

Flange Mounts

**AZOL
GAS**

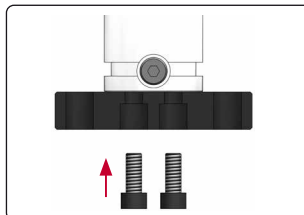


B

43

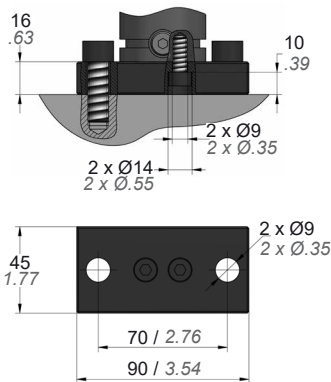
50

B 43 050

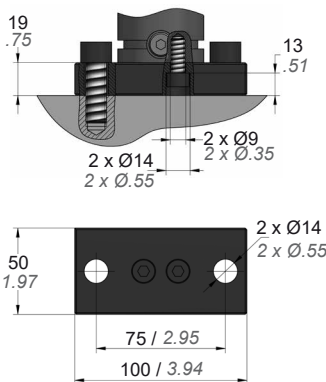


MOUNT / GAS SPRING		MOUNT / TOOL	
DIN 912-12.9	Torque	DIN 912-12.9	Torque
Thread	Nm	Thread	Nm
M8	38	M8	38
M10	75	M12	128
M12	128	M16	256
M16	256	M20	400

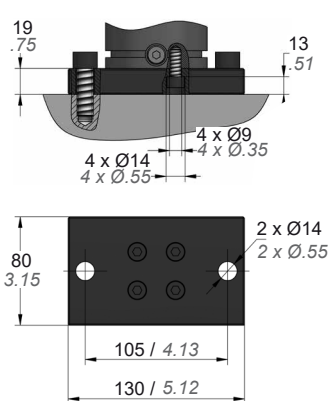
B43-045

K32 P0
EM24.54.700/F

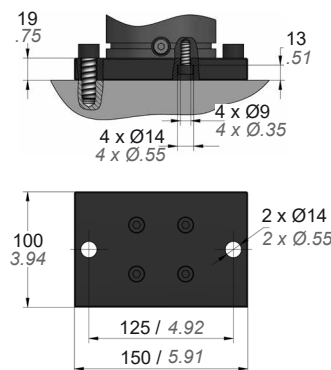
B43-050

K32 P0
EM24.54.700/F

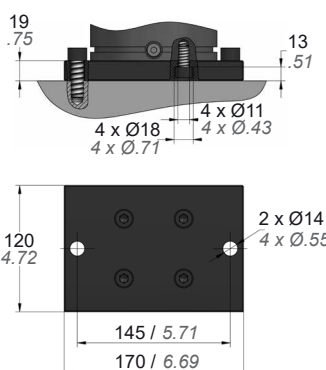
B43-075

K32 P0
EM24.54.700/F

B43-095

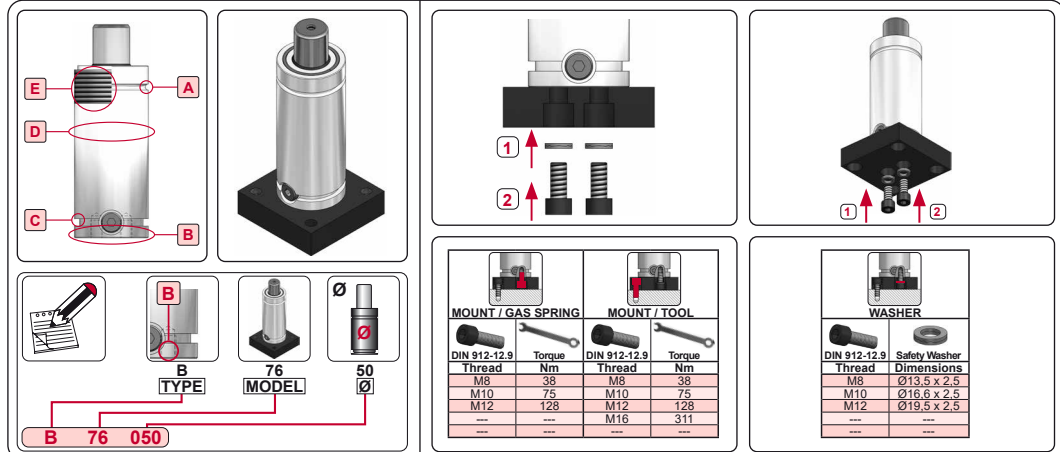
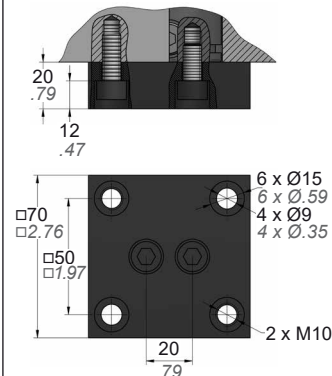
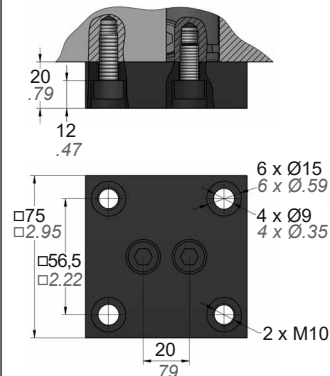
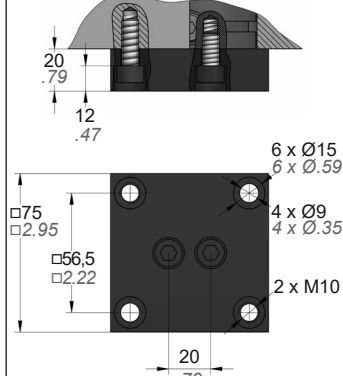
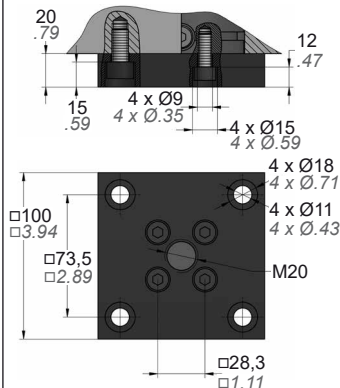
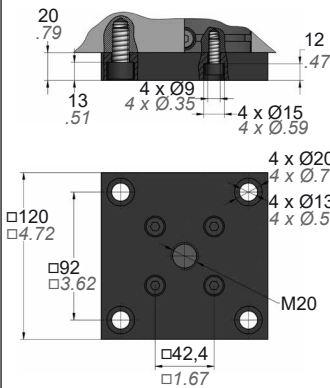
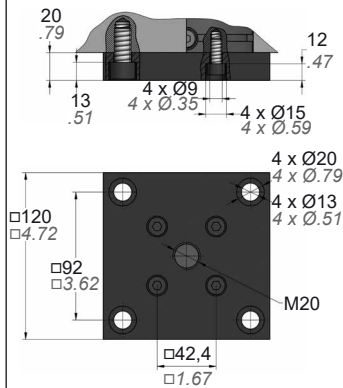
K32 P0
EM24.54.700/F

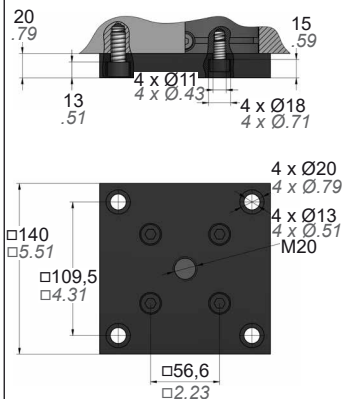
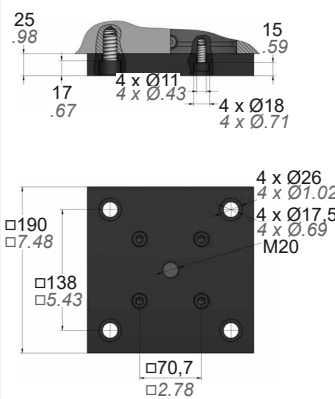
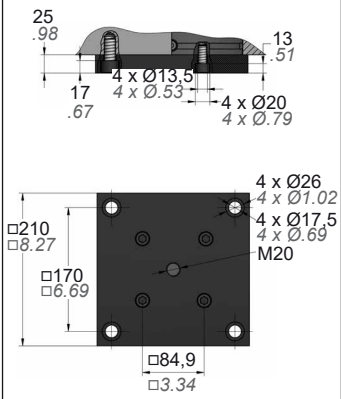
B43-120

K32 P0
EM24.54.700/F

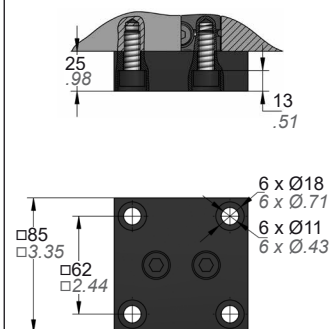
B76

Flange Mounts

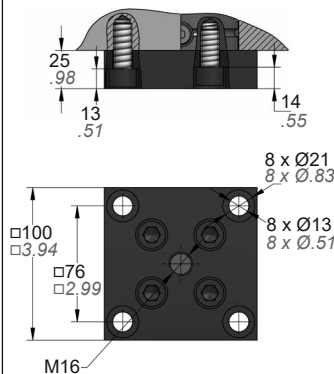
**AZOL
GAS****B76-045****B76-050****B76-063****B76-075****B76-095****B76-105**

B76-120

B76-150

B76-195

B91-050

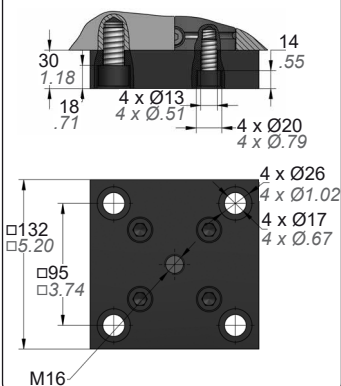
E24.54.815.G


B91-075

E24.54.815.G

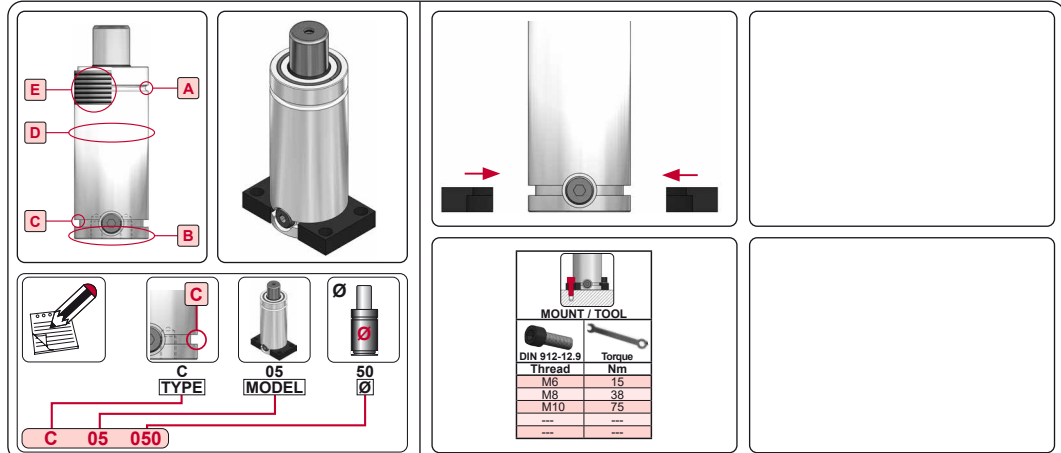
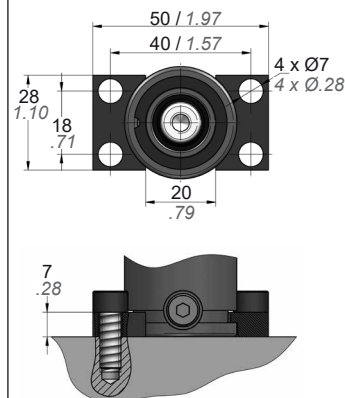
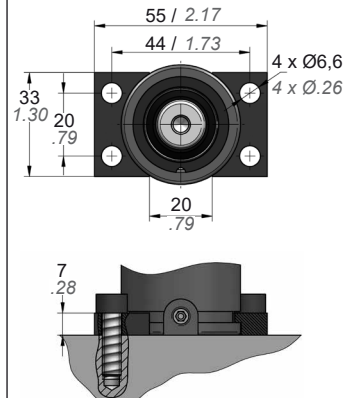
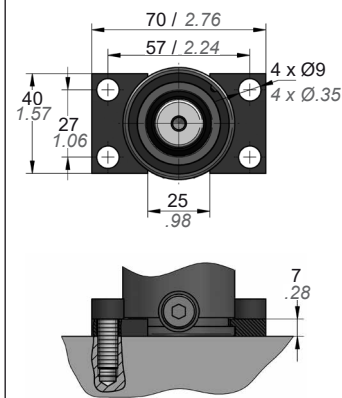
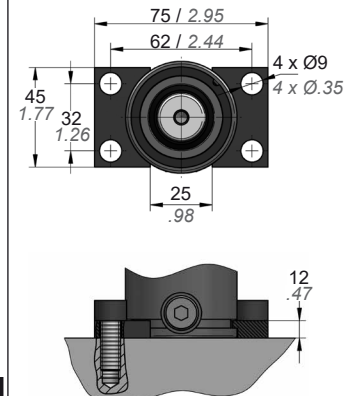
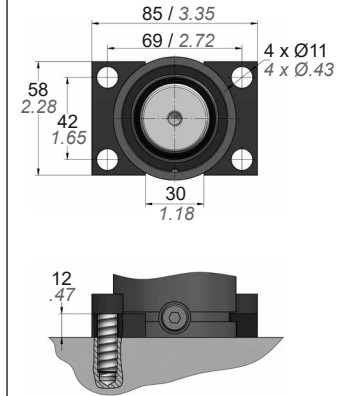
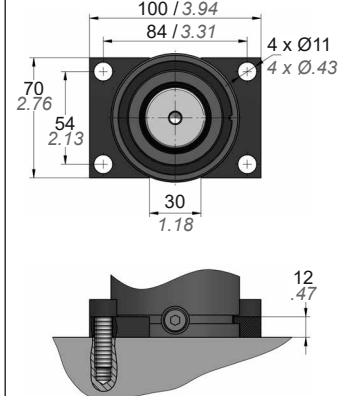

B91-095

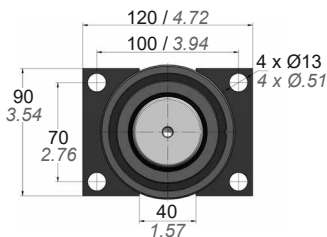
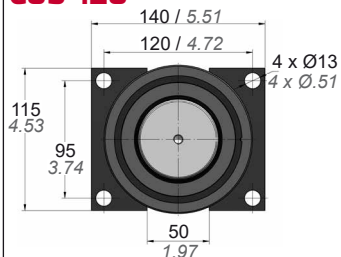
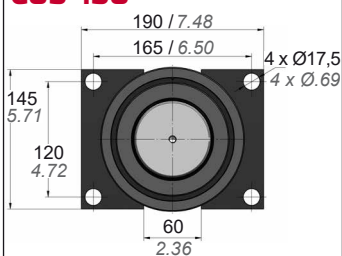
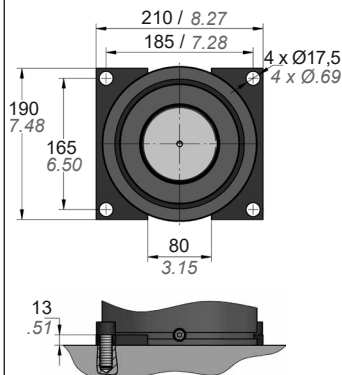
E24.54.815.G



C05

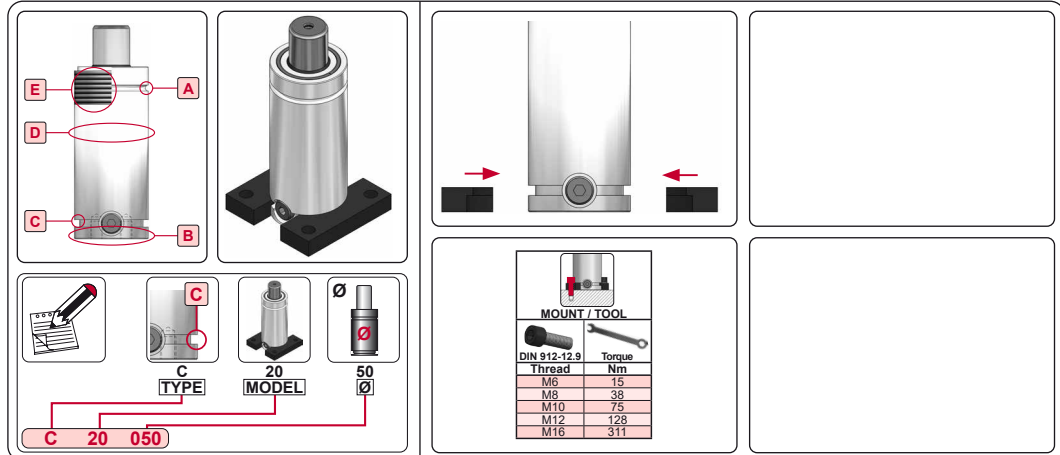
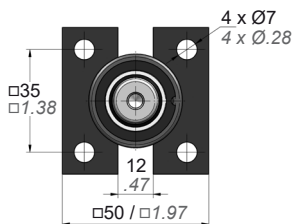
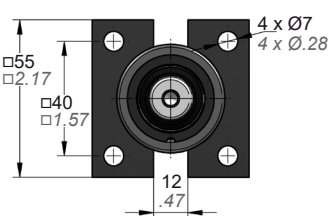
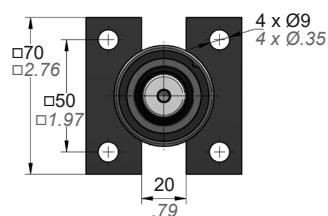
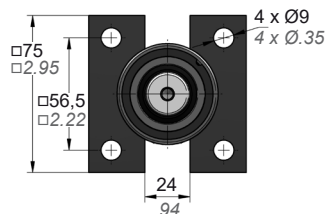
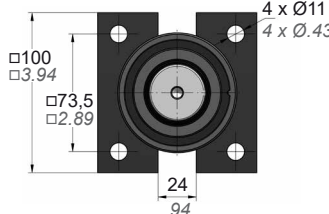
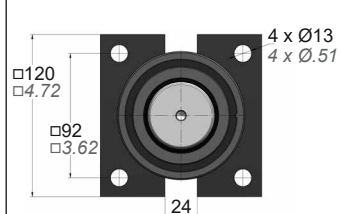
Flange Mounts

**C05-032****C05-038****C05-045****C05-050****C05-063****C05-075**

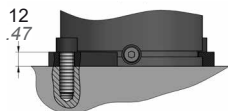
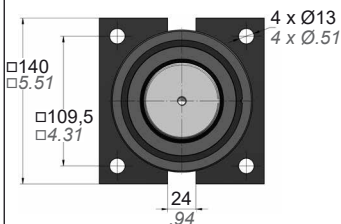
C05-095**C05-120****C05-150****C05-195**

C20

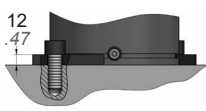
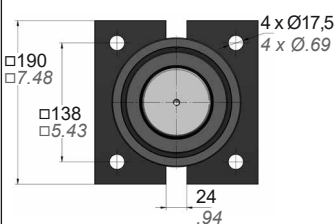
Flange Mounts

**C20-032****C20-038****C20-045****C20-050****C20-075****C20-095**

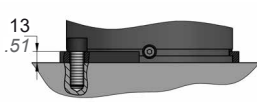
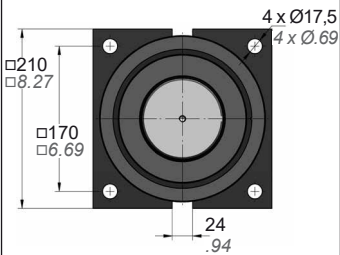
C20-120



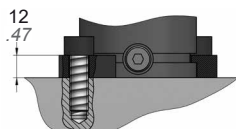
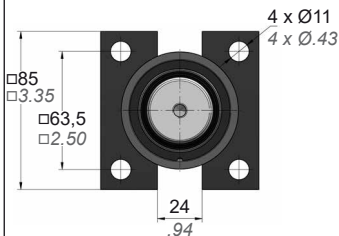
C20-150



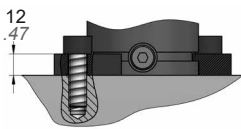
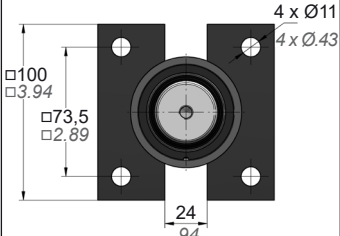
C20-195



C30-063

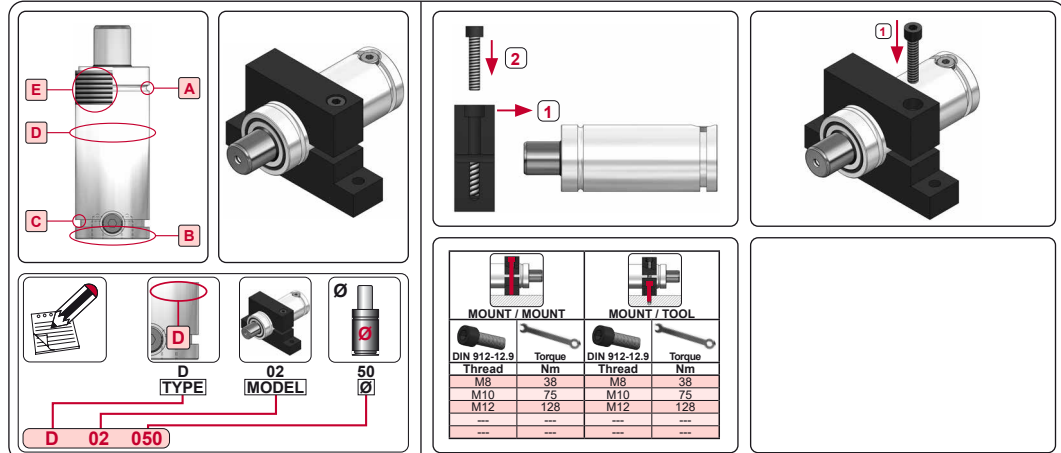
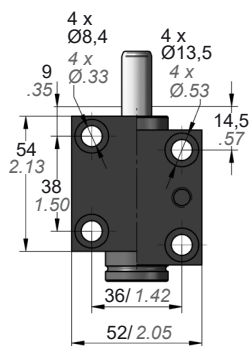
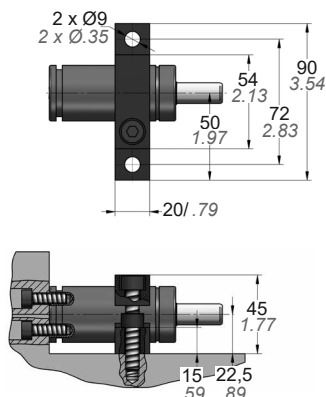
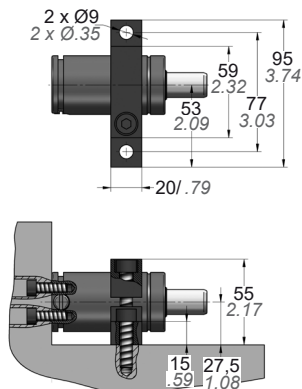
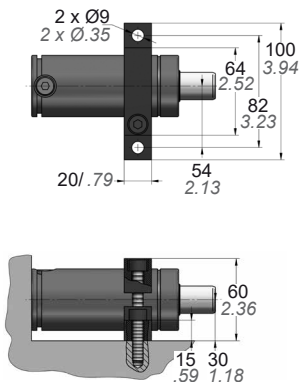
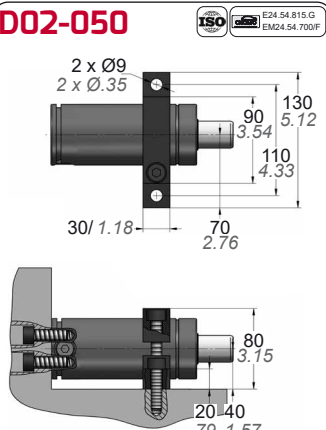
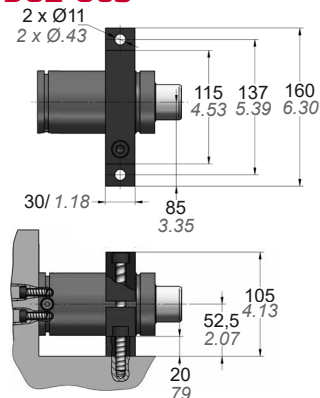


C35-063

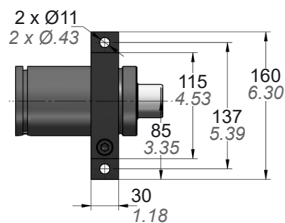


D02

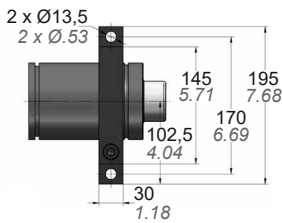
Flange Mounts

**AZOL
GAS** **D02-025****D02-032****D02-038****D02-045****D02-050****D02-063**

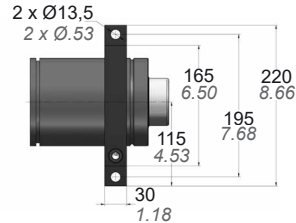
D02-075



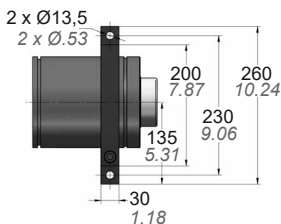
D02-095



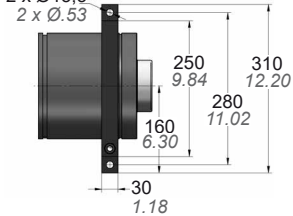
D02-120



D02-150

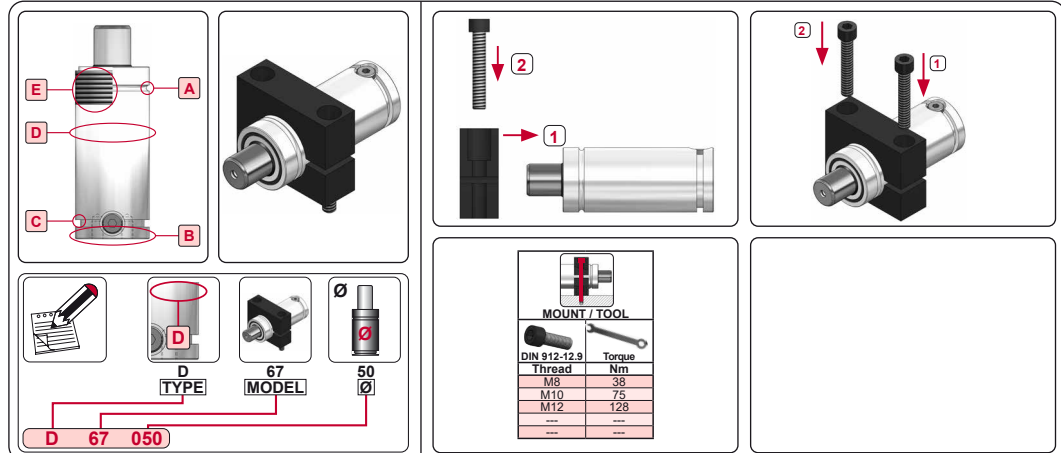
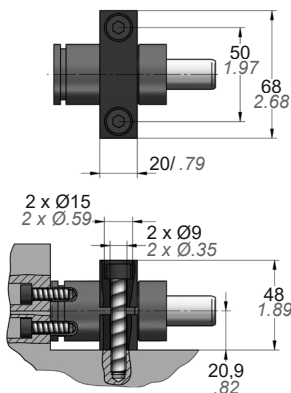
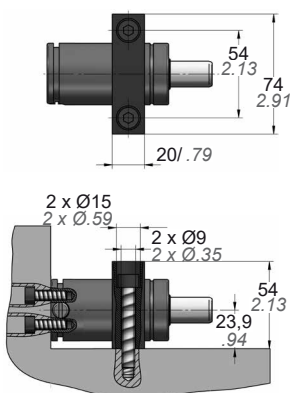
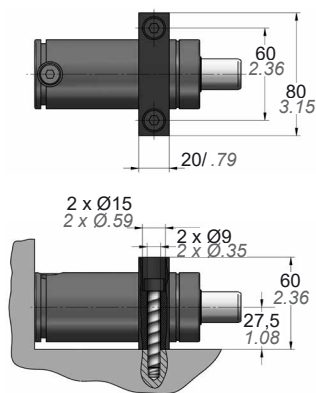
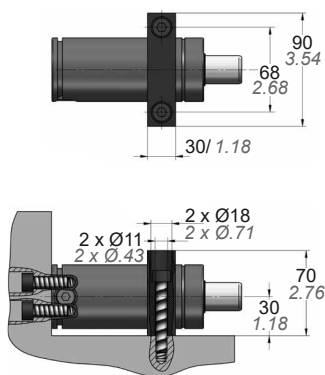
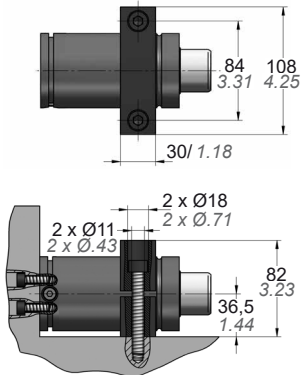
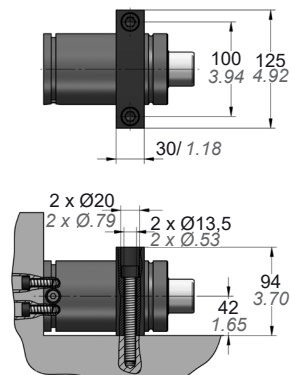


D02-195

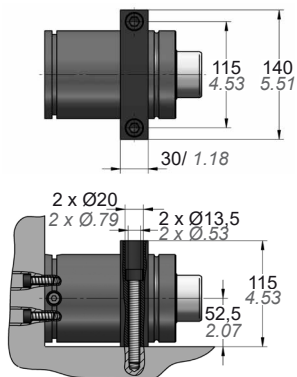


D67

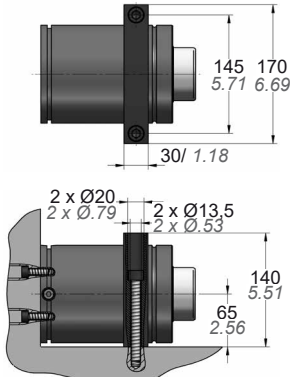
Flange Mounts

**AZOL
GAS** **D67-032****D67-038****D67-045****D67-050****D67-063****D67-075**

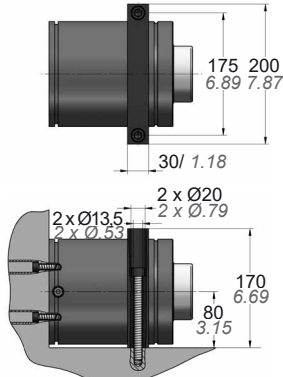
D67-095

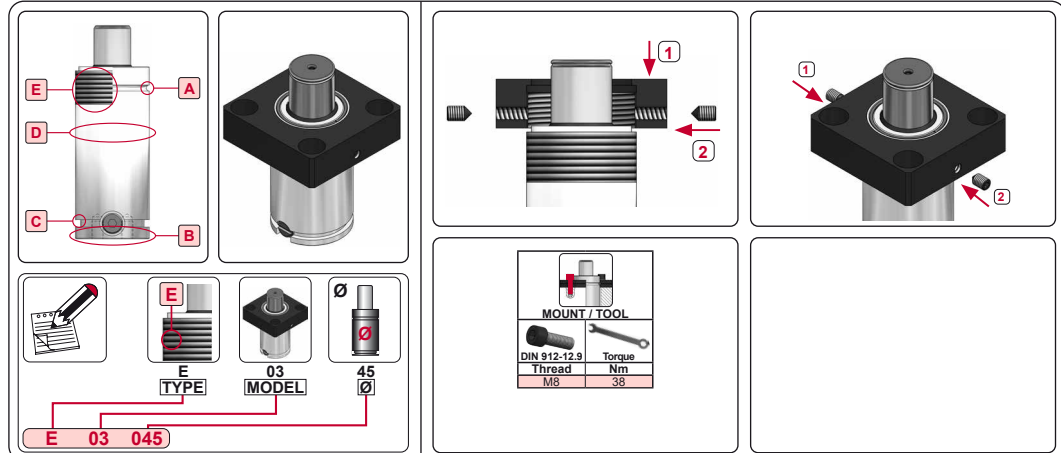
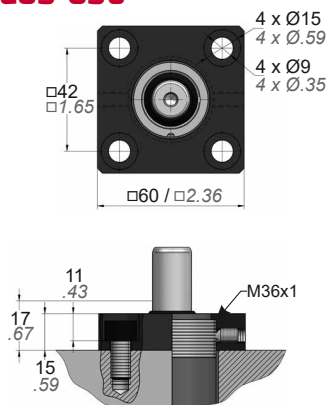
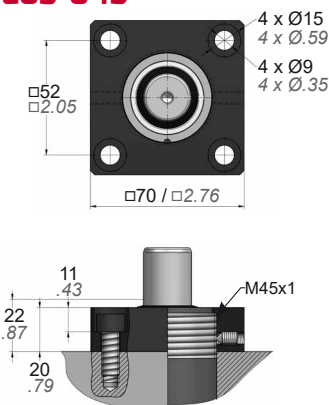
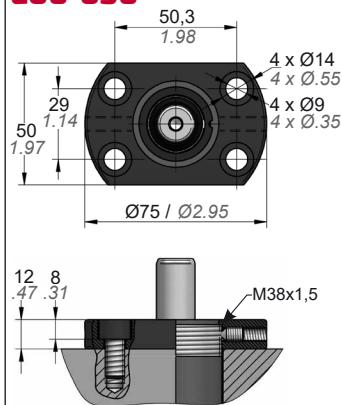
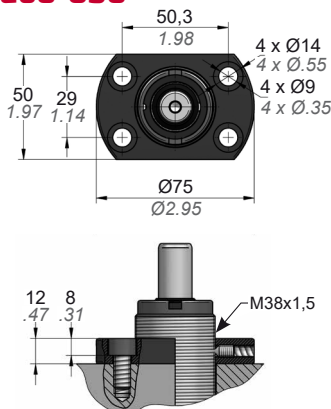
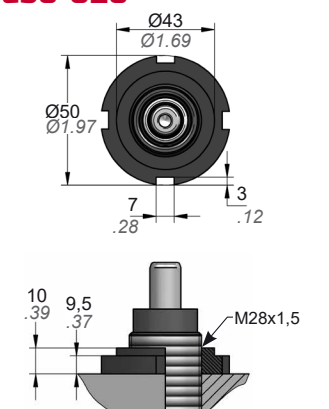
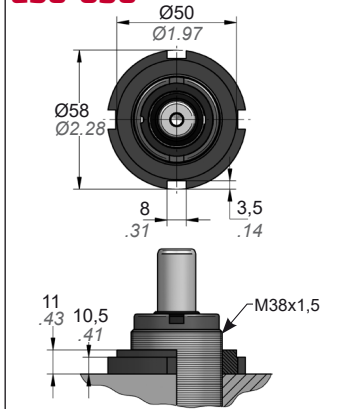


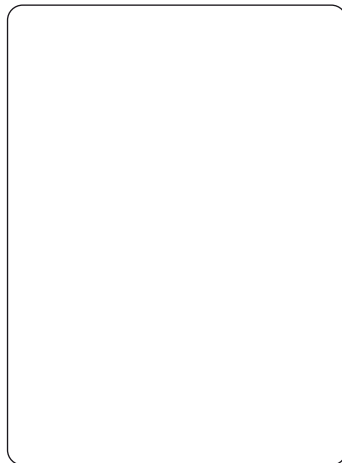
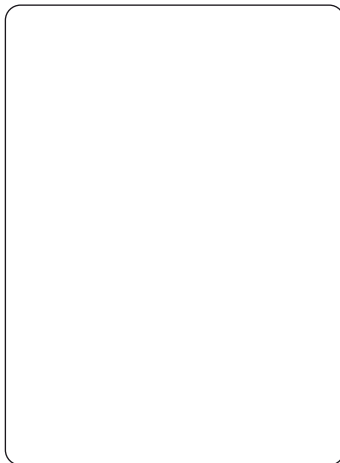
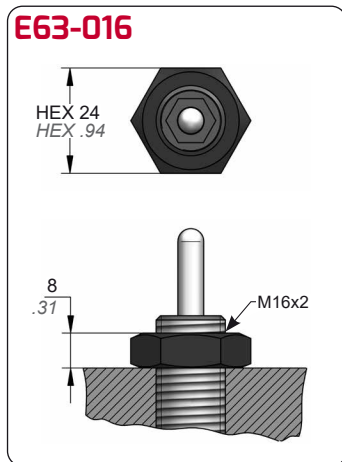
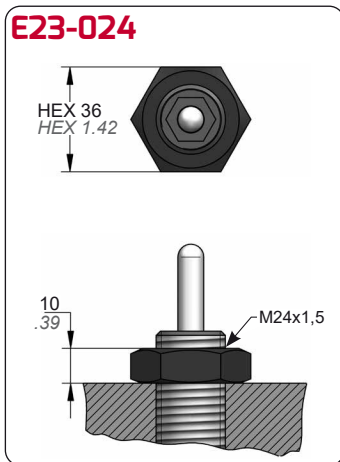
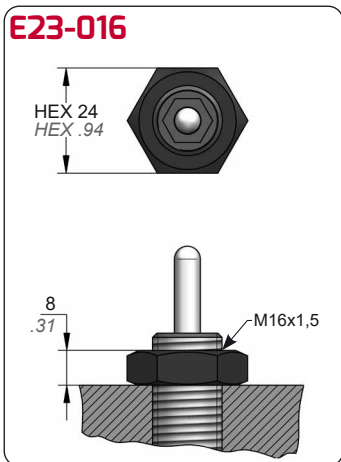
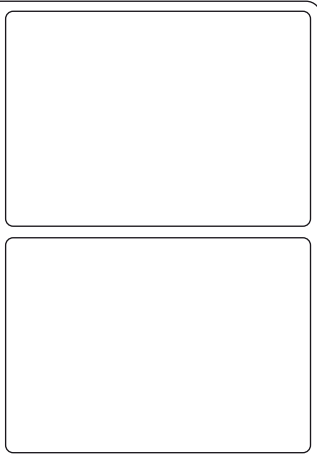
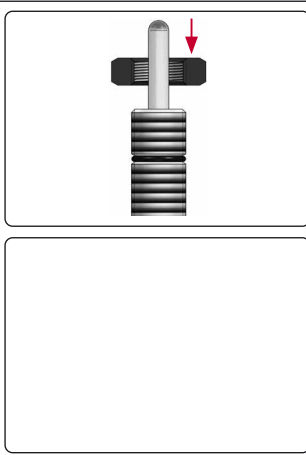
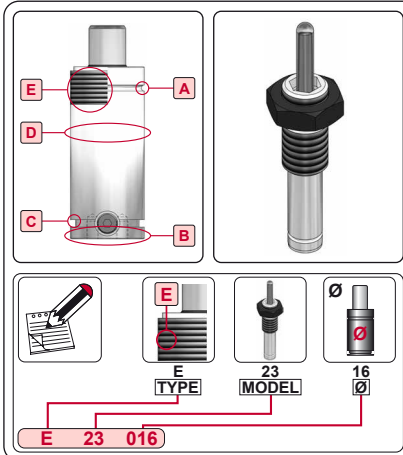
D67-120



D67-150

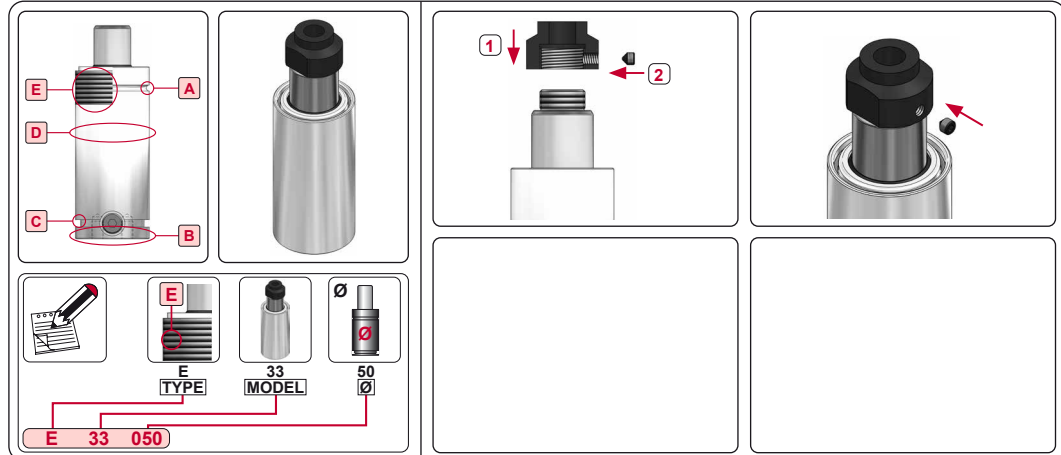
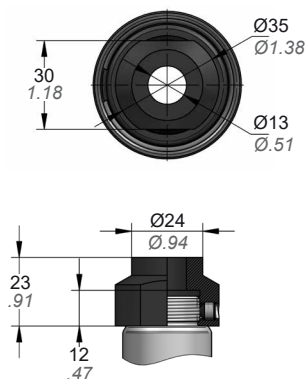
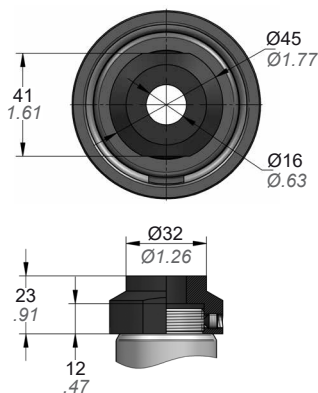
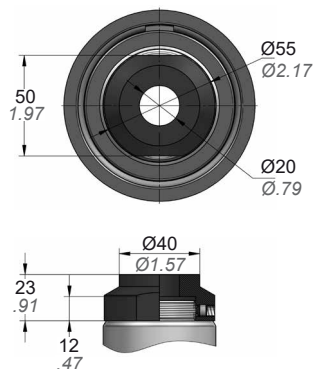


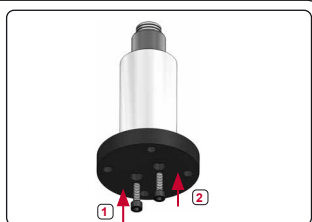
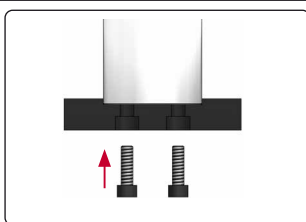
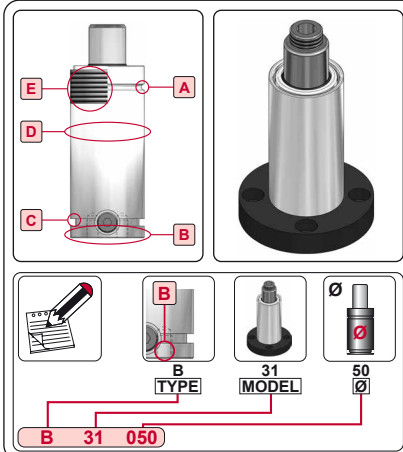
E03 / E08 / E68 / E58**AZOL
GAS** *Flange Mounts***E03-036****E03-045****E08-038****E68-038****E58-028****E58-038**



E33

Flange Mounts

**AZOL
GAS** **E33-050****E33-075****E33-095**



MOUNT / GAS SPRING		MOUNT / TOOL	
DIN 912-12.9	Torque	DIN 912-12.9	Torque
Thread	Nm	Thread	Nm
M6	15	M6	38
M8	38	M10	75
M10	75	M12	150
M12	150	M14	250

