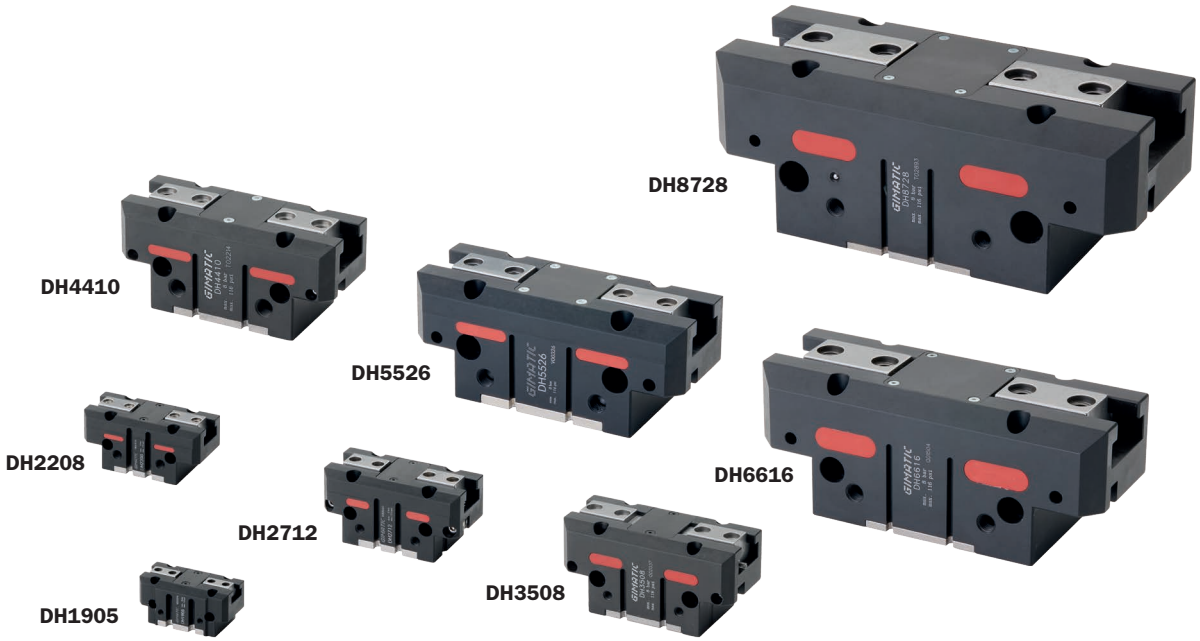
DH

Pince parallèle pneumatique autocentrante avec 2 mâchoires (séries DH)

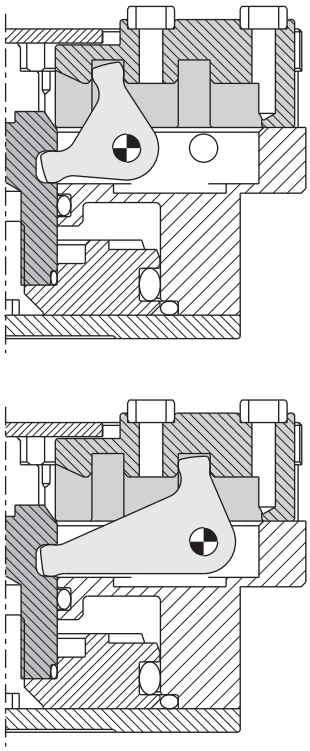
- Double action avec ressorts en option (normalement fermé ou normalement ouvert).
- Course longue ou courte (1).
- Possibilité de fixage avant avec vis renforcées (2).
- Transmission force à haute efficacité (1).
- Capteurs magnétiques ou inductifs en option (3).
- Graisse alimentaire FDA-H1.

2-jaw self-centering pneumatic parallel gripper (series DH)

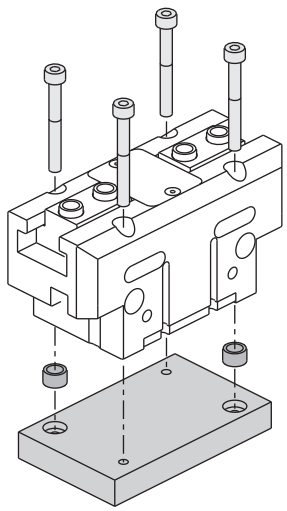
- *Double acting with optional springs (normally closed or normally open).*
- *Long stroke or short stroke (1).*
- *Possibility of front fastening with through screws (2).*
- *High efficiency force transmission (1).*
- *Optional magnetic or inductive sensors (3).*
- *FDA-H1 food-grade grease.*



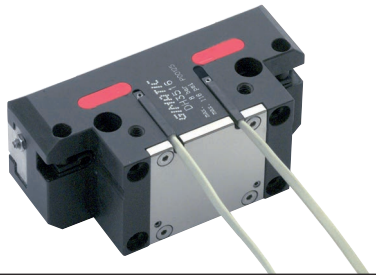
[1]



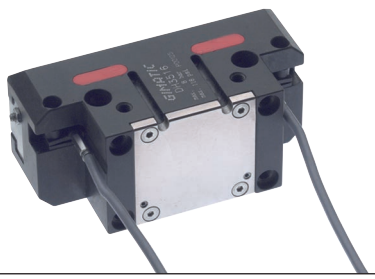
[2]



[3]



[3]



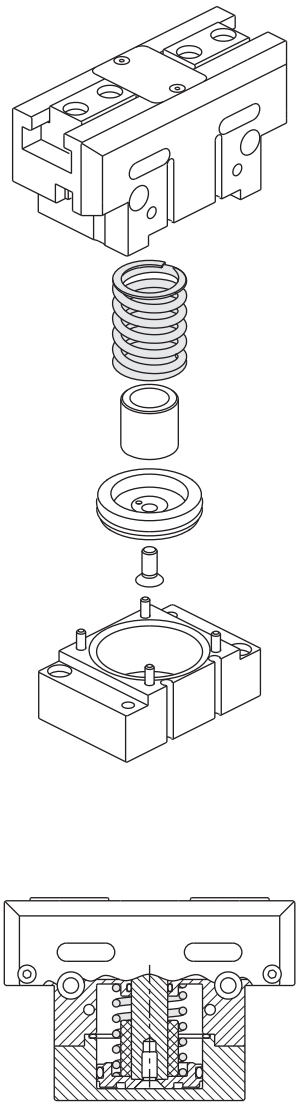
Ressorts en option

Toutes les pinces DH sont disponibles avec ou sans ressort.
Les versions avec ressort peuvent être normalement fermées (NC) ou normalement ouvertes (NO).
Dans les deux cas, un élément supplémentaire est nécessaire et les dimensions de la pince sont majeures.
Les ressorts sont conçus pour une durée de vie supérieure à 10 millions de cycles et fournissent une force de rétention, en cas de coupure de pression, d'environ un tiers de la force d'entrée à 6 bars.

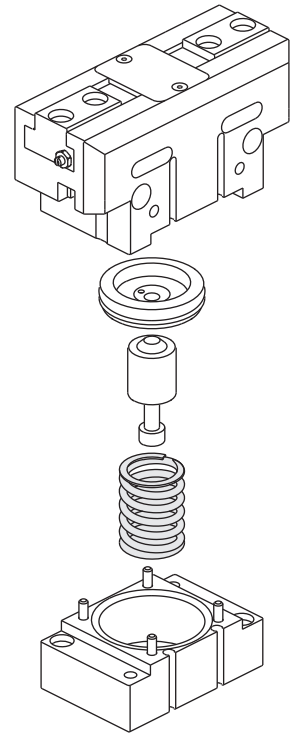
Optional springs

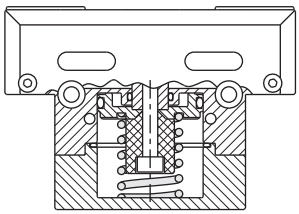
All DH grippers are available with or without spring.
The spring versions can be normally closed (NC) or normally open (NO).
In both cases an additional body is necessary and the gripper is taller than the version without spring.
The springs are designed for a life time higher than 10 million cycles and they provide a retention force, after a pressure black-out, about one third of the output force at 6bar.

DH...-NC



DH...-NO

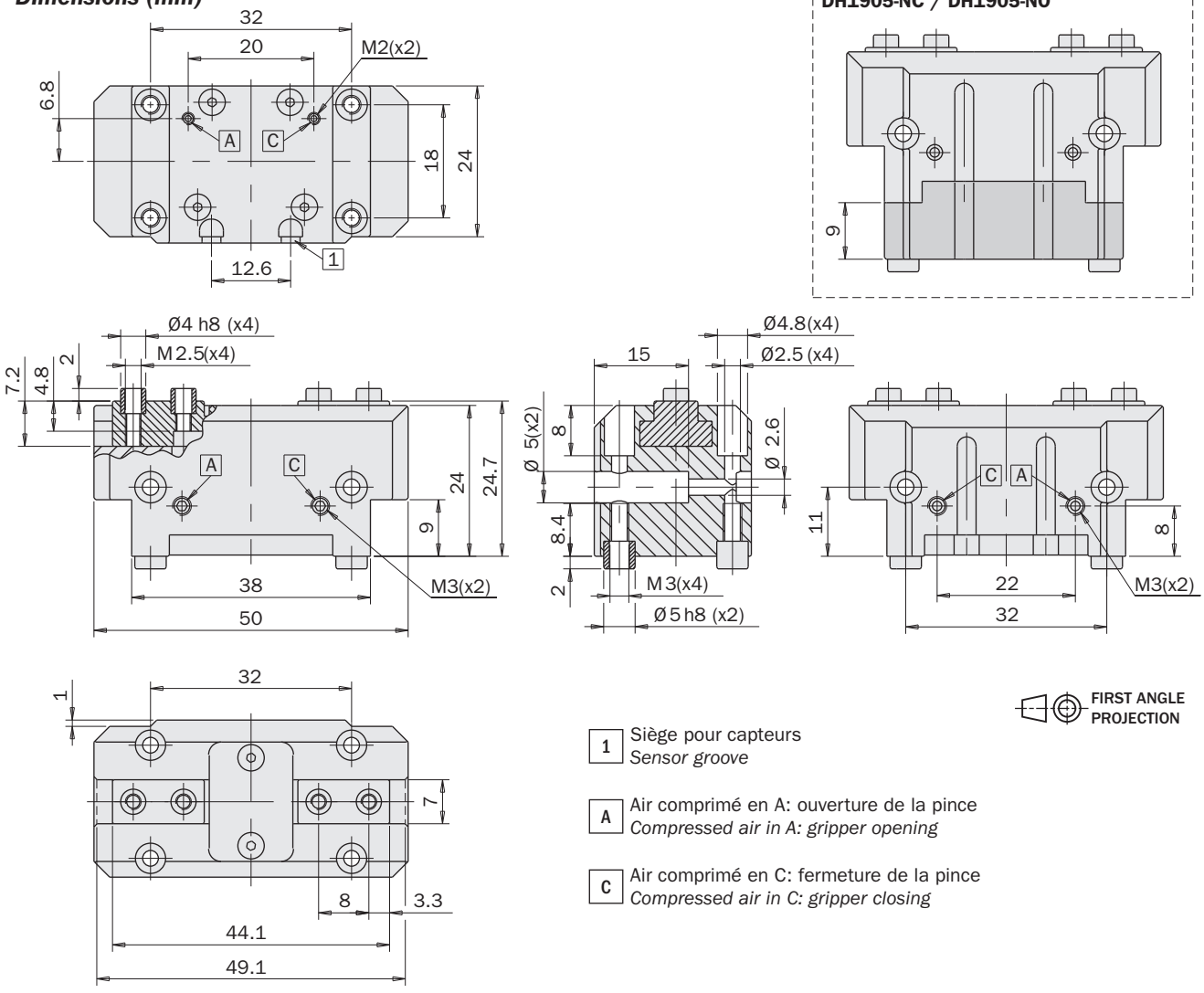




DH

	DH1905	DH1905-NC	DH1905-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*		
Pression *Pressure range*	2 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.		
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	75N	43 ÷ 49N	101 ÷ 107N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	150N	86 ÷ 98N	202 ÷ 214N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	68N	94 ÷ 100N	36 ÷ 42N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	136N	188 ÷ 200N	72 ÷ 84N
Course totale (±0.3mm) *Total stroke*	5mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	3Hz		
Consommation d'air par cycle *Cycle air consumption*	2cm³	3cm³	3cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.01s / 0.01s	0.01s / 0.02s	0.02s / 0.01s
Précision en répétabilité *Repetition accuracy*	0.02mm		
Poids *Weight*	87g	100g	98g

Dimensions (mm)
Dimensions (mm)



FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

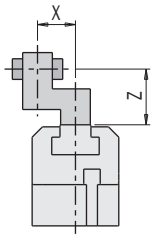
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

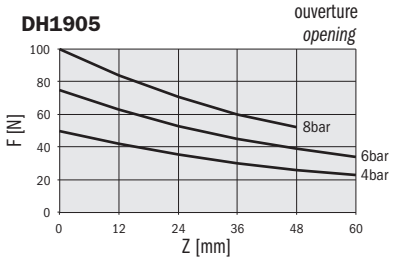
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

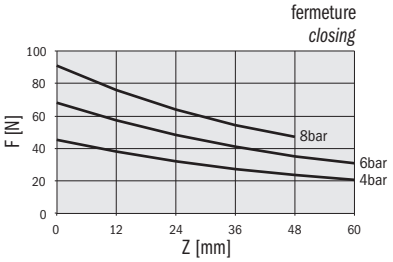


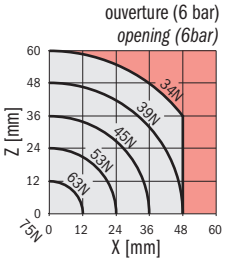
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

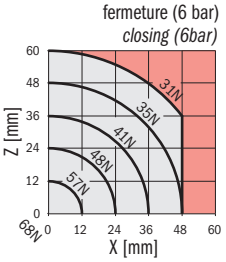
***The force shown in these graphs refers to one jaw.
The total force is double.***

DH1905

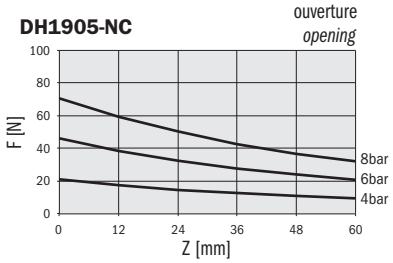


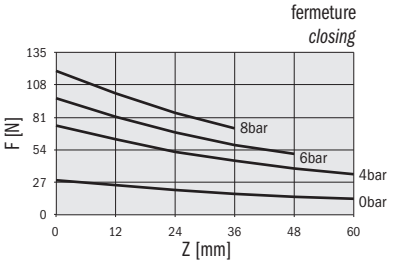


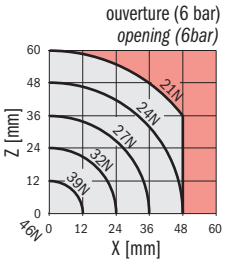


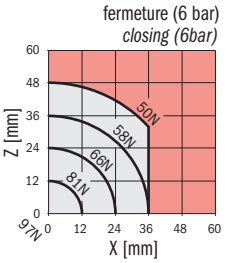


DH1905-NC

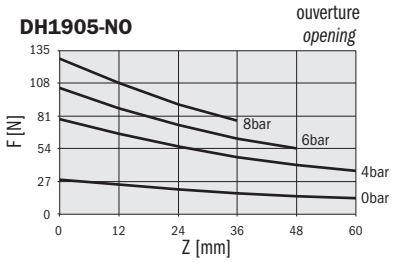


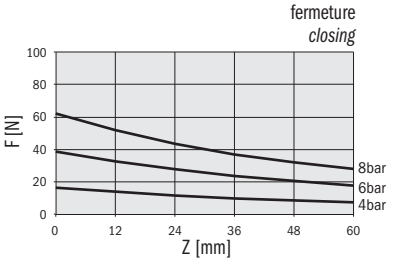


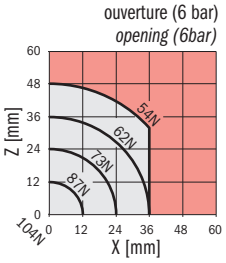


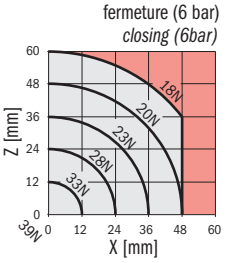


DH1905-NO





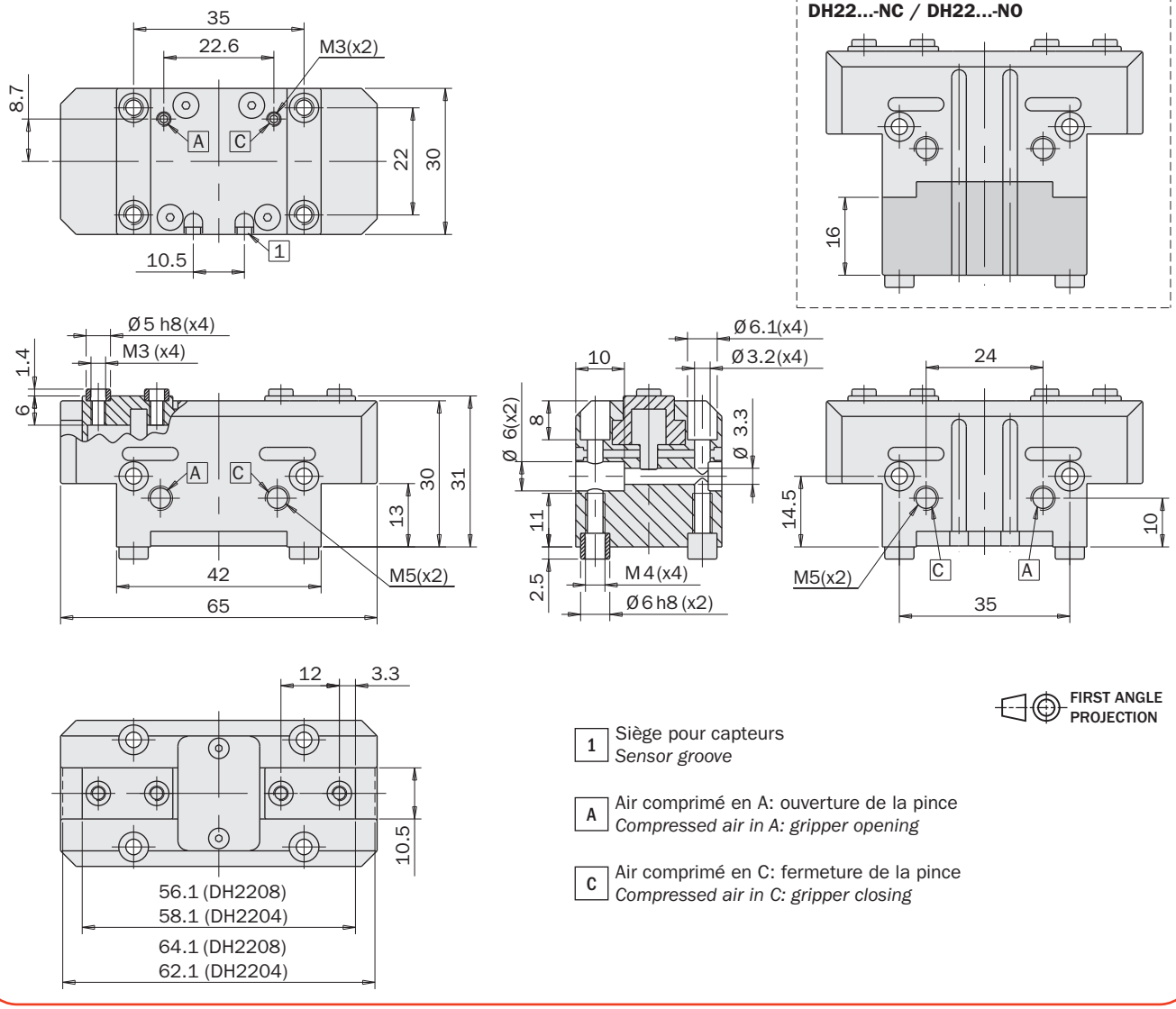




DH

	DH2208	DH2208-NC	DH2208-NO	DH2204	DH2204-NC	DH2204-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	2 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	2 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	100N	58 ÷ 67N	134 ÷ 142N	200N	116 ÷ 133N	267 ÷ 284N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	200N	116 ÷ 134N	268 ÷ 284N	400N	232 ÷ 266N	534 ÷ 568N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	90N	123 ÷ 132N	48 ÷ 56N	180N	247 ÷ 264N	96 ÷ 113N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	180N	246 ÷ 264N	96 ÷ 112N	360N	494 ÷ 528N	192 ÷ 226N
Course totale (±0.3mm) *Total stroke*	8mm			4mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	3Hz					
Consommation d'air par cycle *Cycle air consumption*	4cm³	7cm³	7cm³	4cm³	7cm³	7cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.02s / 0.02s	0.02s / 0.03s	0.03s / 0.02s	0.02s / 0.02s	0.02s / 0.03s	0.03s / 0.02s
Précision en répétabilité *Repetition accuracy*	0.02mm	0.02mm	0.02mm	0.02mm	0.02mm	0.02mm
Poids *Weight*	148g	188g	184g	150g	190g	186g

Dimensions (mm)
Dimensions (mm)



FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

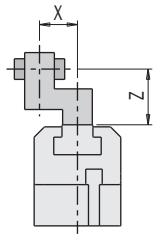
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

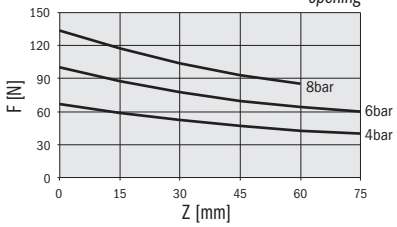
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

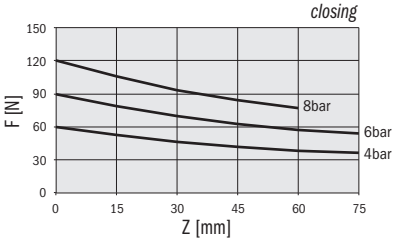


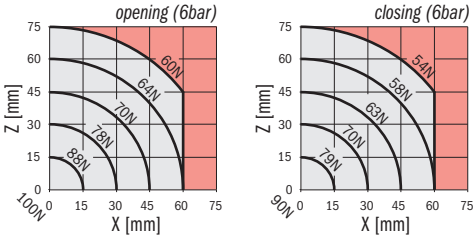
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

***The force shown in these graphs refers to one jaw.
The total force is double.***

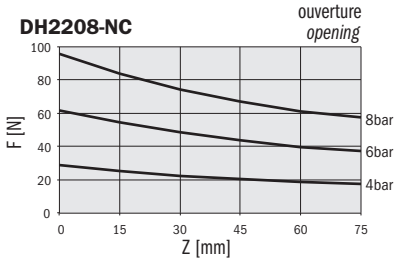
DH2208

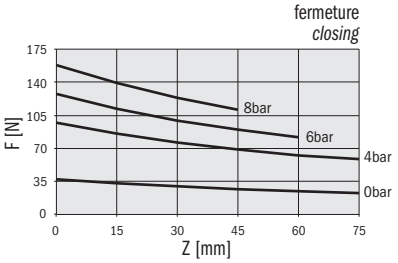


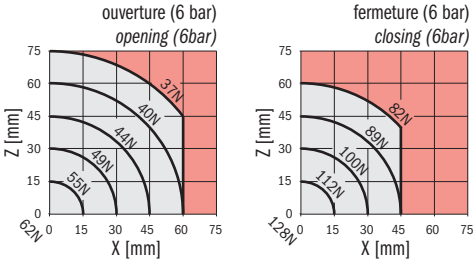




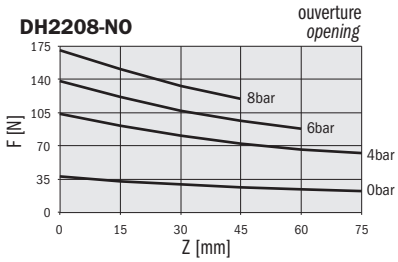
DH2208-NC

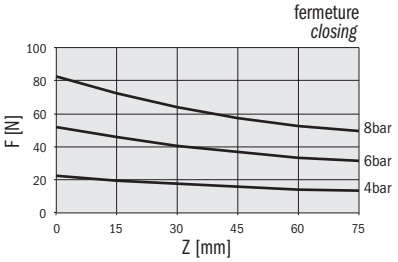


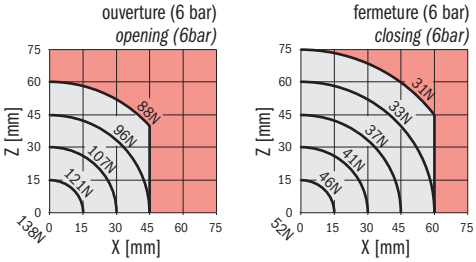




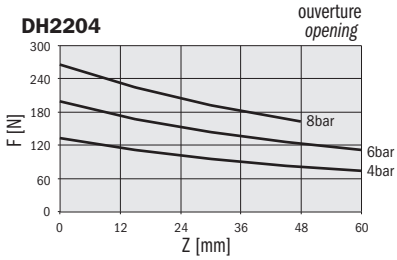
DH2208-NO

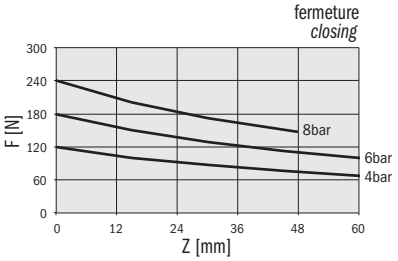


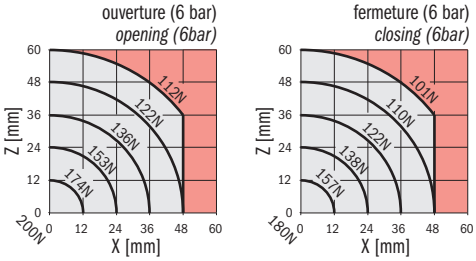




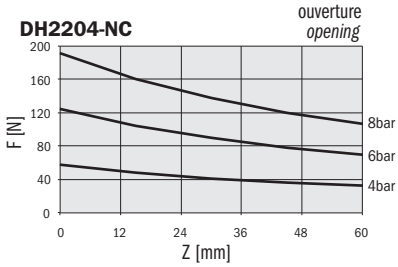
DH2204

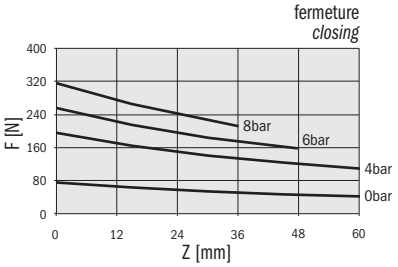


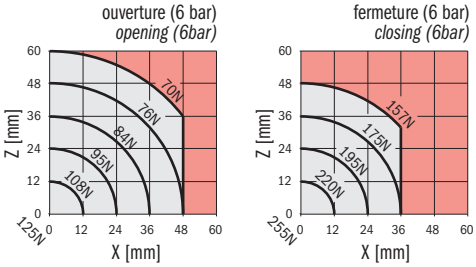




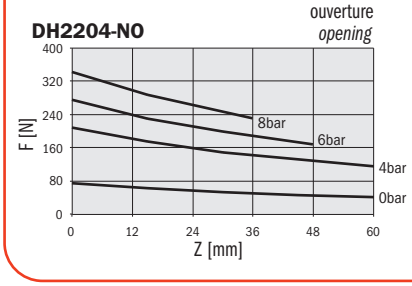
DH2204-NC

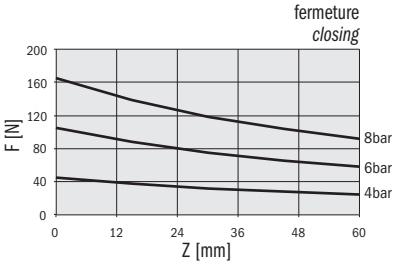


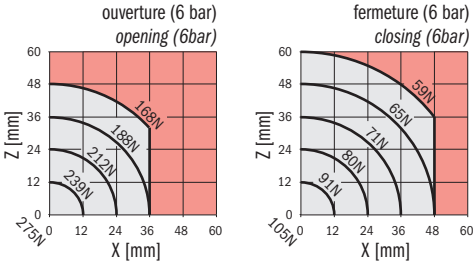




DH2204-NO



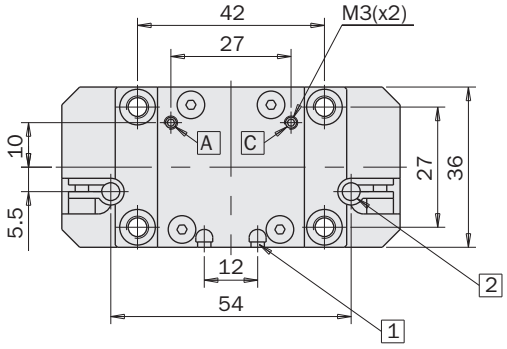


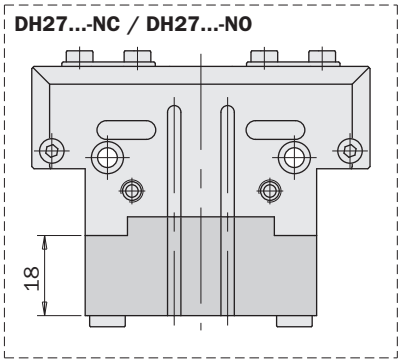


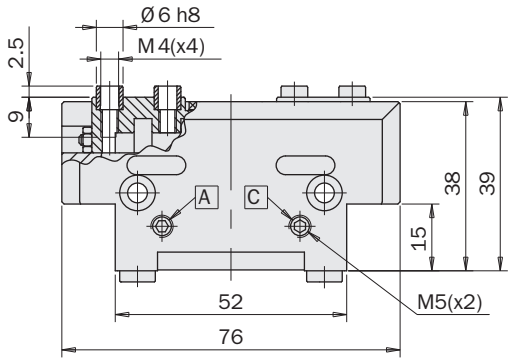
DH

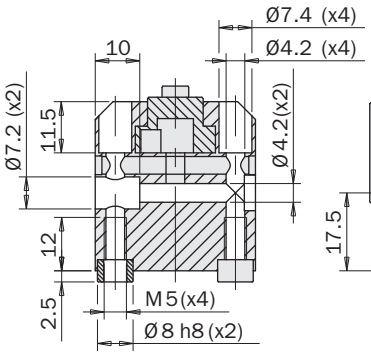
	DH2712	DH2712-NC	DH2712-NO	DH2706	DH2706-NC	DH2706-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	2 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	2 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	145N	85 ÷ 97N	194 ÷ 206N	290N	170 ÷ 194N	389 ÷ 413N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	290N	170 ÷ 194N	388 ÷ 412N	580N	340 ÷ 388N	778 ÷ 826N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	130N	178 ÷ 190N	69 ÷ 81N	260N	356 ÷ 380N	138 ÷ 162N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	260N	356 ÷ 380N	138 ÷ 162N	520N	712 ÷ 760N	276 ÷ 324N
Course totale (±0.3mm) *Total stroke*	12mm			6mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	3Hz					
Consommation d'air par cycle *Cycle air consumption*	9cm³	13cm³	13cm³	9cm³	13cm³	13cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.03s / 0.03s	0.03s / 0.04s	0.04s / 0.03s	0.03s / 0.03s	0.03s / 0.04s	0.04s / 0.03s
Précision en répétabilité *Repetition accuracy*	0.02mm					
Poids *Weight*	255g	325g	315g	260g	330g	320g

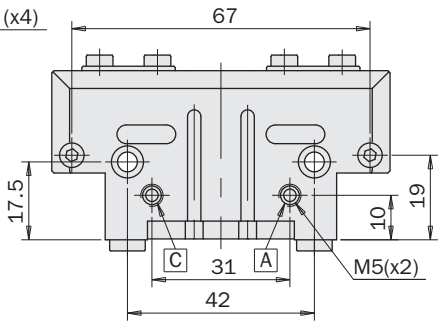
Dimensions (mm)
Dimensions (mm)

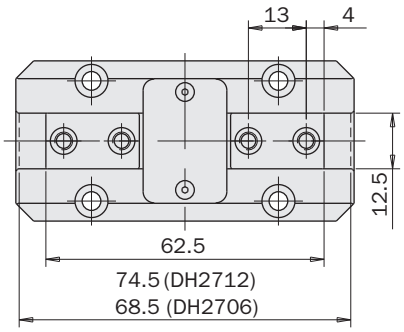












FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

2 Support pour capteurs inductifs Ø4
Ø4 inductive sensor holder

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

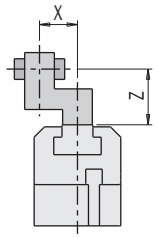
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

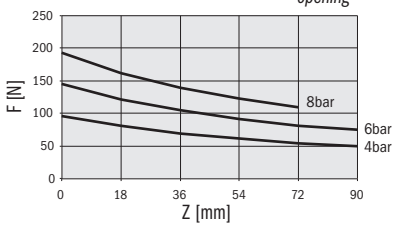
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

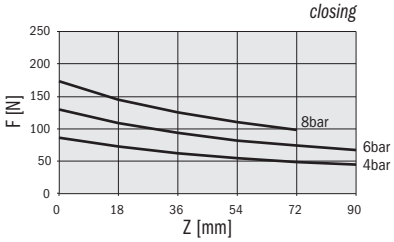


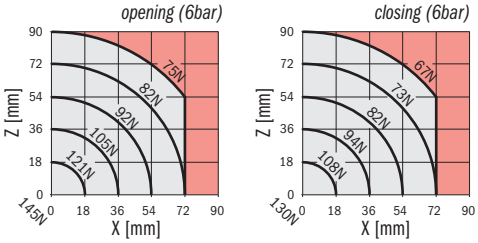
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

The force shown in these graphs refers to one jaw. The total force is double.

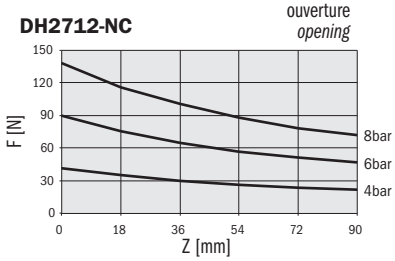
DH2712

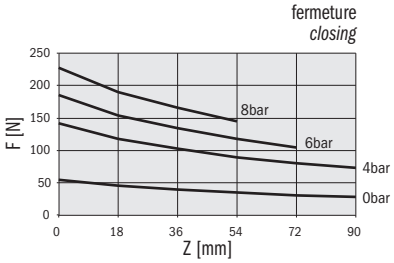


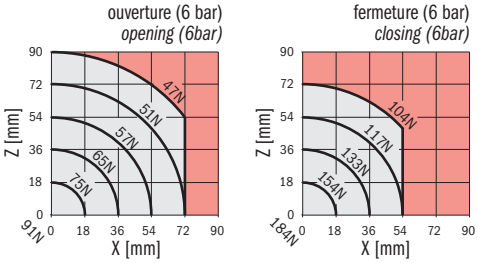




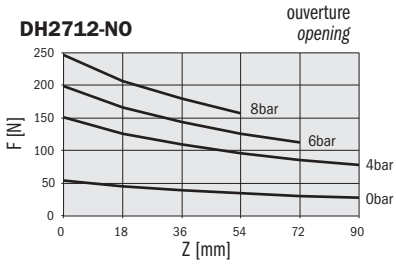
DH2712-NC

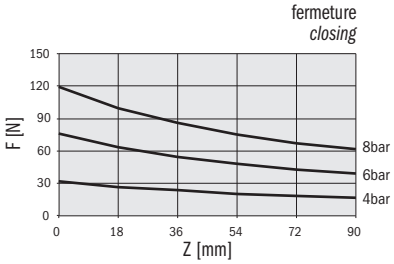


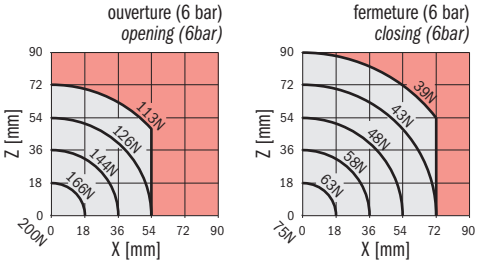




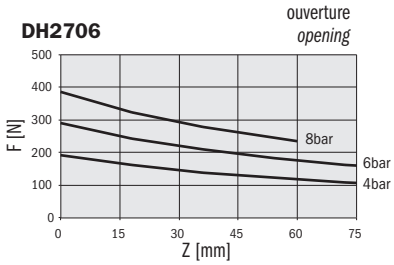
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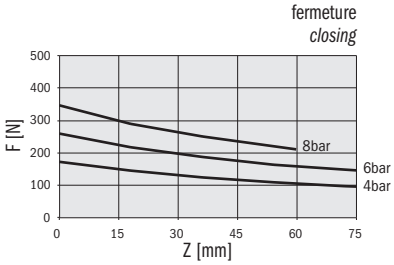


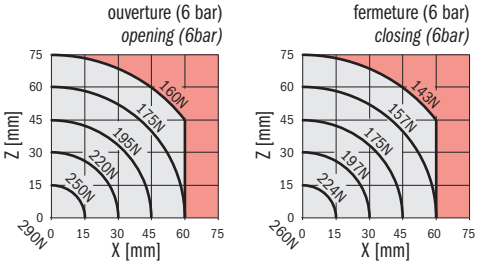




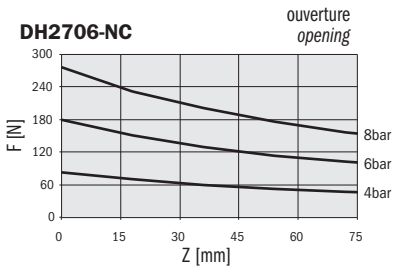
DH2706

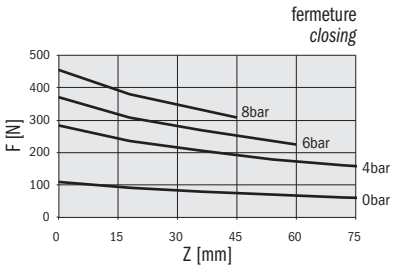


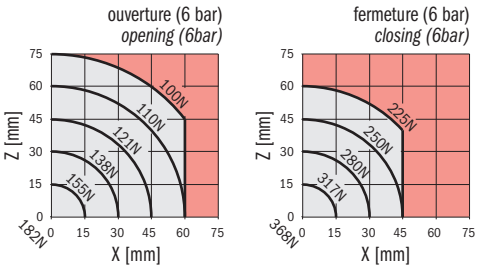




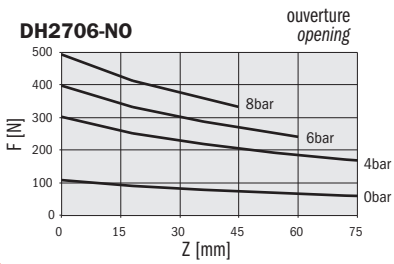
DH2706-NC

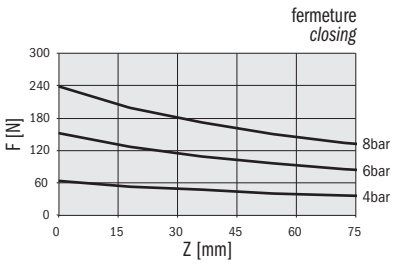


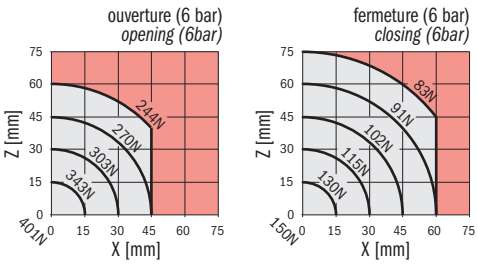




DH2706-NO



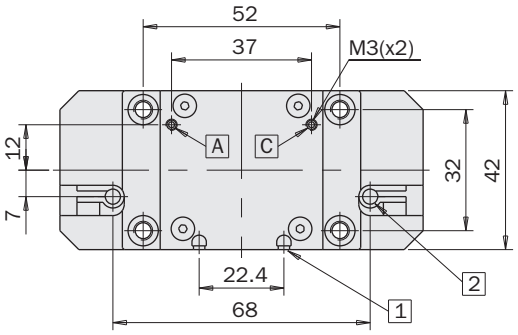


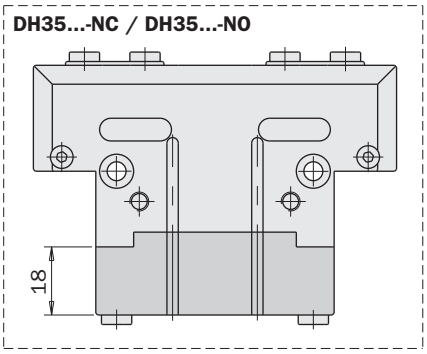


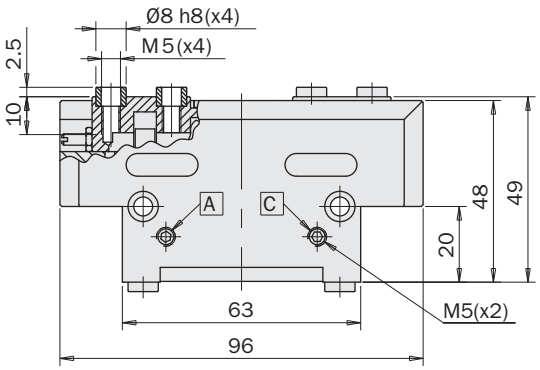
DH

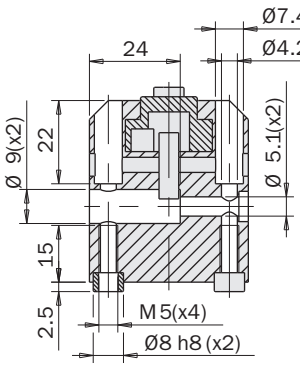
	DH3516	DH3516-NC	DH3516-NO	DH3508	DH3508-NC	DH3508-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	250N	140 ÷ 177N	323 ÷ 360N	500N	280 ÷ 353N	647 ÷ 720N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	500N	280 ÷ 354N	646 ÷ 720N	1000N	560 ÷ 706N	1294 ÷ 1440N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	220N	298 ÷ 319N	122 ÷ 143N	440N	595 ÷ 639N	244 ÷ 287N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	440N	596 ÷ 638N	244 ÷ 286N	880N	1190 ÷ 1278N	488 ÷ 574N
Course totale (±0.3mm) *Total stroke*	16mm			8mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	3Hz					
Consommation d'air par cycle *Cycle air consumption*	18cm³	25cm³	25cm³	18cm³	25cm³	25cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.03s / 0.03s	0.03s / 0.04s	0.04s / 0.03s	0.03s / 0.03s	0.03s / 0.04s	0.04s / 0.03s
Précision en répétabilité *Repetition accuracy*	0.02mm					
Poids *Weight*	460g	550g	540g	470g	560g	550g

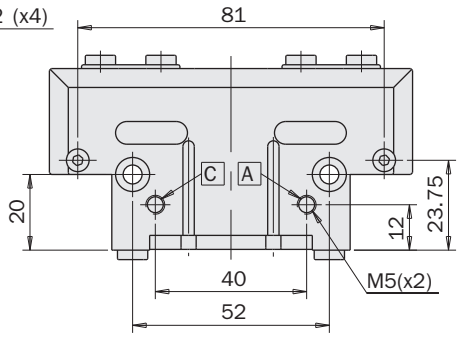
Dimensions (mm)
Dimensions (mm)

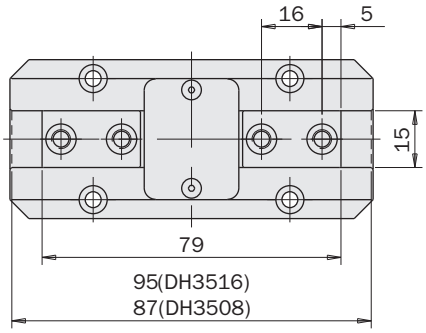












FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

2 Support pour capteurs inductifs Ø4
Ø4 inductive sensor holder

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

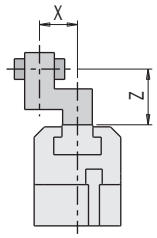
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

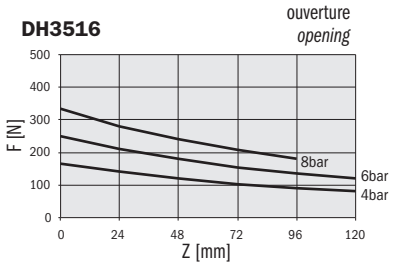
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

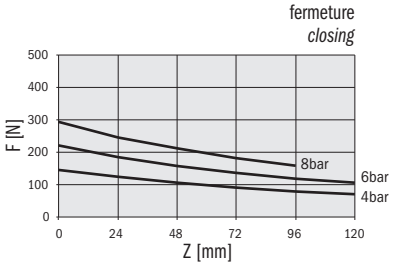


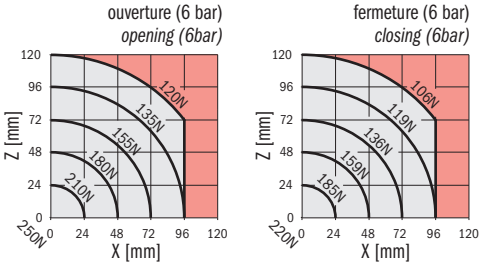
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

***The force shown in these graphs refers to one jaw.
The total force is double.***

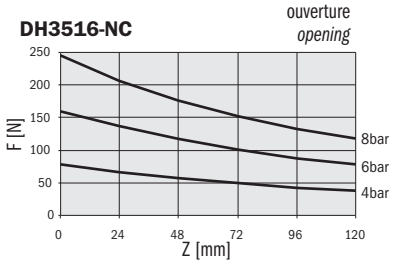
DH3516

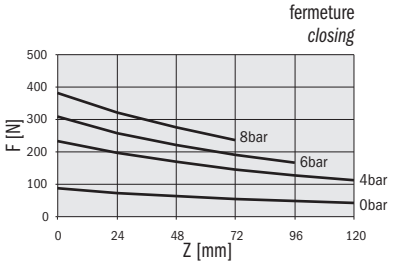


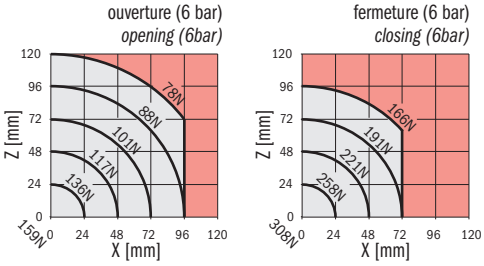




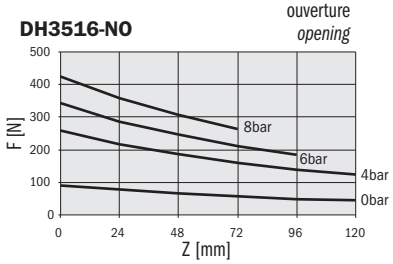
DH3516-NC

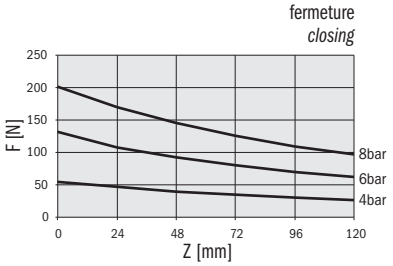


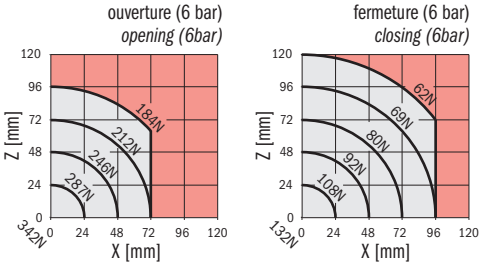




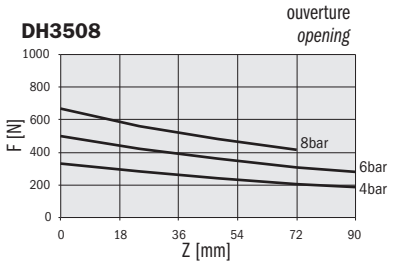
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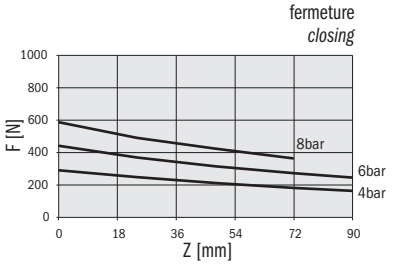


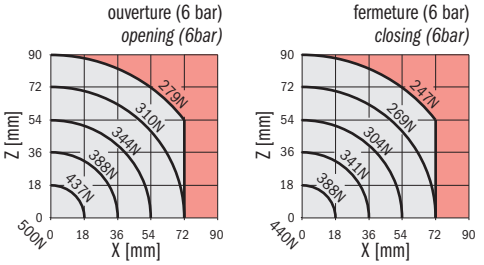




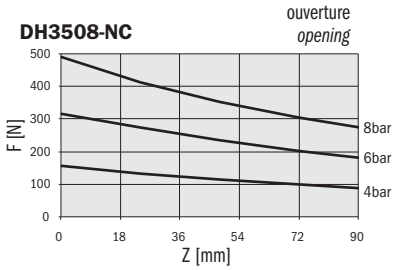
DH3508

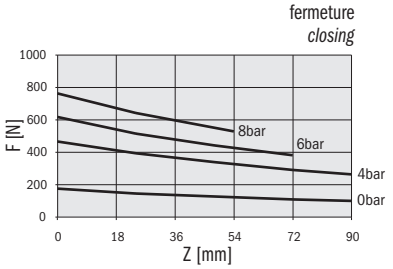


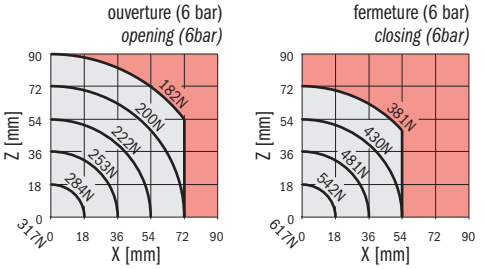




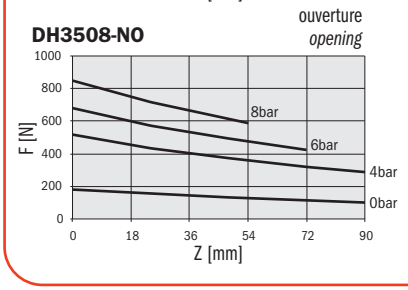
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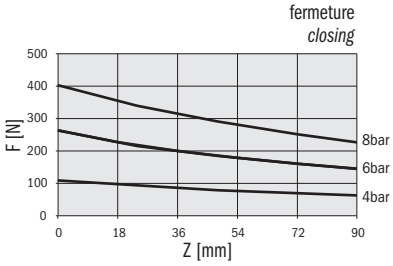


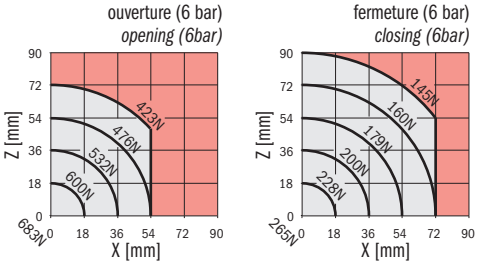




DH3508-NO



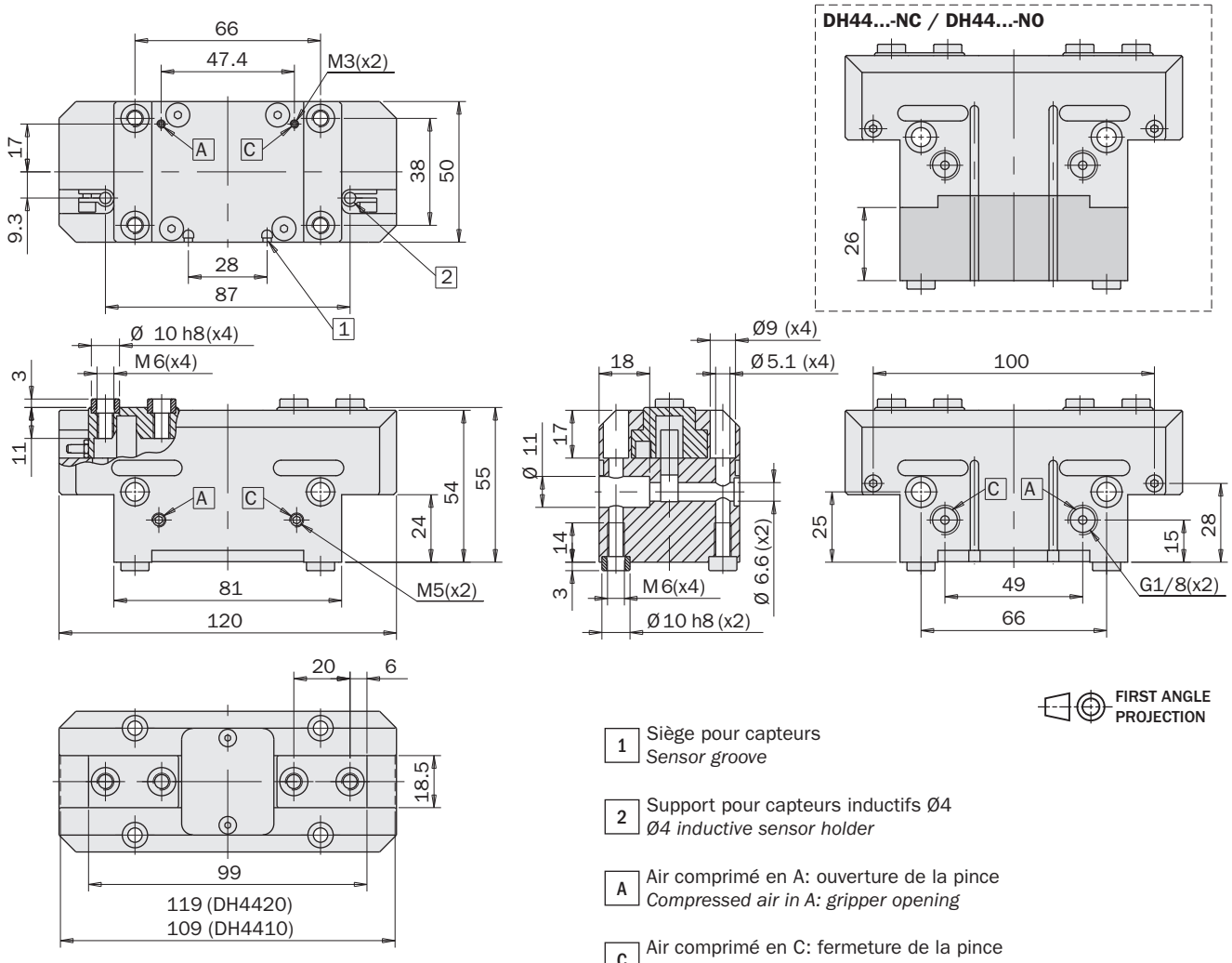




DH

	DH4420	DH4420-NC	DH4420-NO	DH4410	DH4410-NC	DH4410-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	405N	236 ÷ 298N	513 ÷ 575N	810N	472 ÷ 595N	1027 ÷ 1150N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	810N	472 ÷ 596N	1026 ÷ 1150N	1620N	944 ÷ 1190N	2054 ÷ 2300N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	365N	472 ÷ 534N	195 ÷ 257N	730N	945 ÷ 1068N	390 ÷ 513N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	730N	944 ÷ 1068N	390 ÷ 514N	1460N	1890 ÷ 2136N	780 ÷ 1026N
Course totale (±0.3mm) *Total stroke*	20mm			10mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	2Hz					
Consommation d'air par cycle *Cycle air consumption*	36cm³	52cm³	52cm³	36cm³	52cm³	52cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.08s / 0.08s	0.06s / 0.13s	0.13s / 0.06s	0.08s / 0.08s	0.06s / 0.13s	0.13s / 0.06s
Précision en répétabilité *Repetition accuracy*	0.02mm					
Poids *Weight*	780g	990g	960g	800g	1010g	980g

Dimensions (mm)
Dimensions (mm)



1 Siège pour capteurs
Sensor groove

2 Support pour capteurs inductifs Ø4
Ø4 inductive sensor holder

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

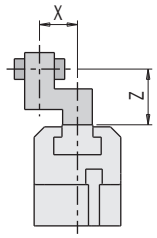
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

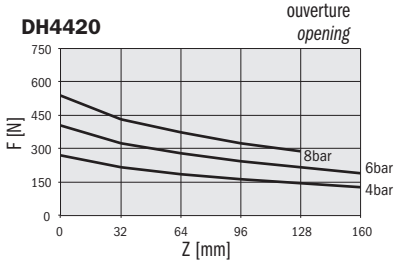
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

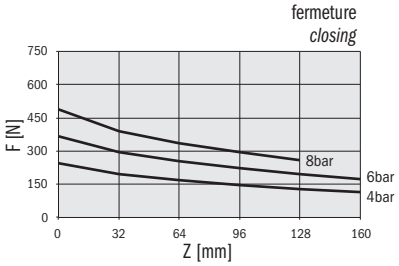


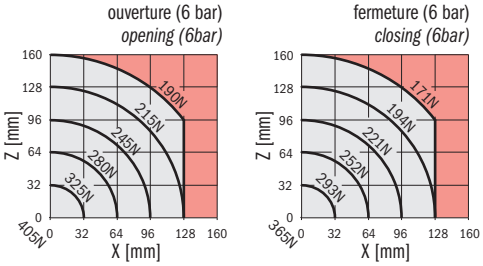
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

***The force shown in these graphs refers to one jaw.
The total force is double.***

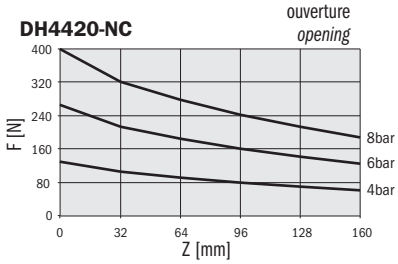
DH4420

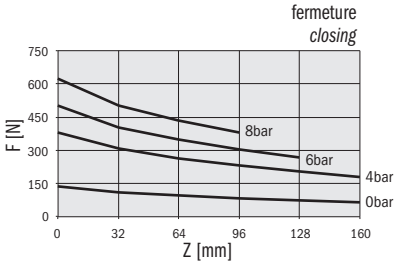


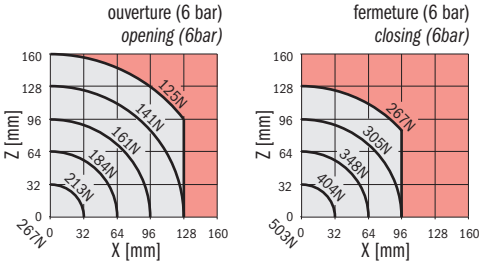




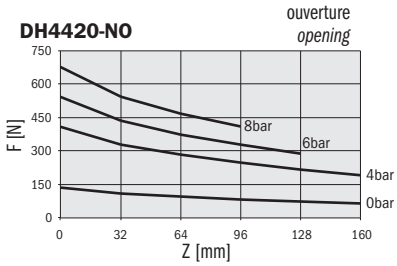
DH4420-NC

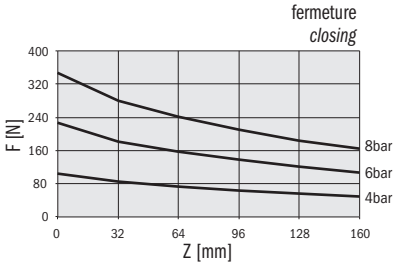


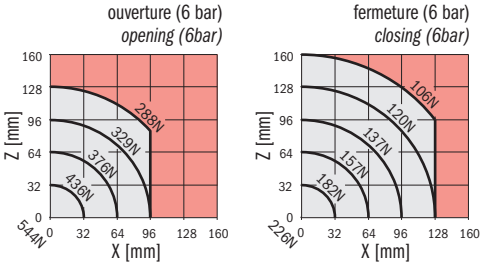




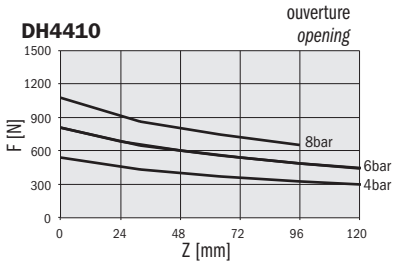
DH4420-NO

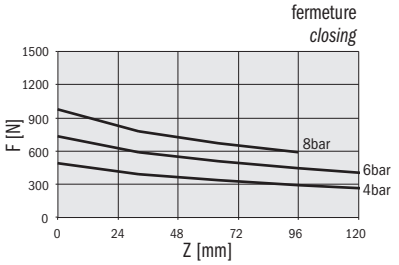


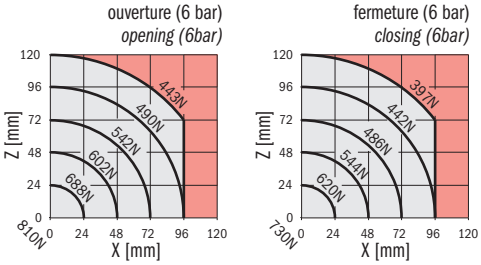




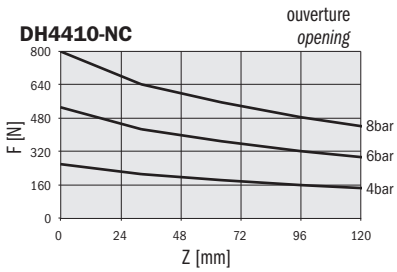
DH4410

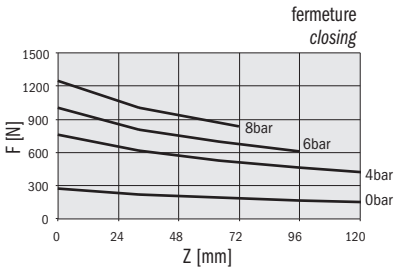


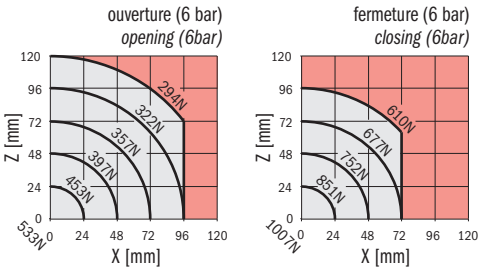




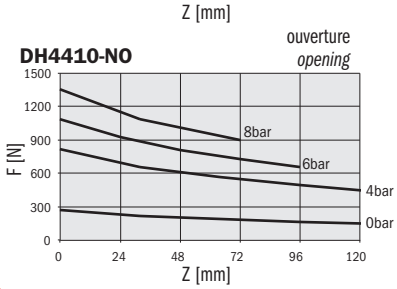
DH4410-NC

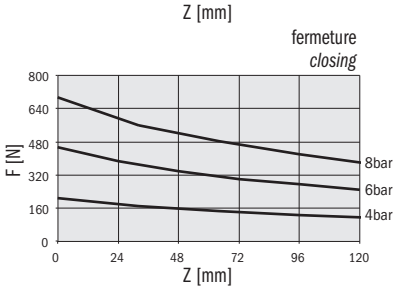


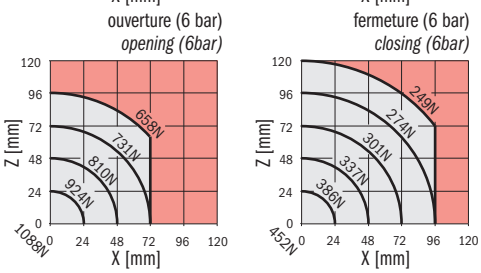




DH4410-NO



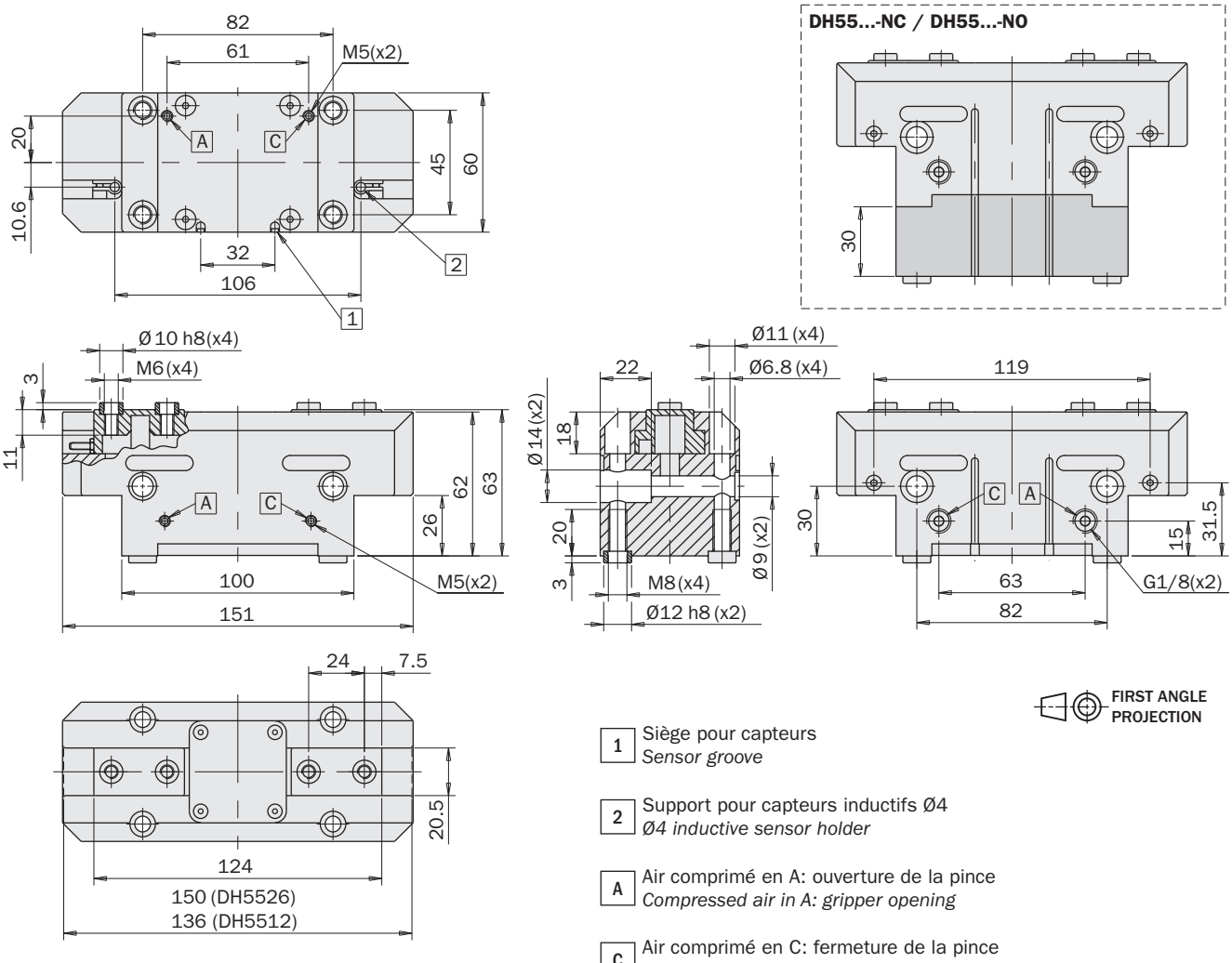




DH

	DH5526	DH5526-NC	DH5526-NO	DH5512	DH5512-NC	DH5512-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	625N	359 ÷ 443N	807 ÷ 891N	1350N	774 ÷ 957N	1742 ÷ 1924N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	1250N	718 ÷ 886N	1614 ÷ 1782N	2700N	1548 ÷ 1914N	3484 ÷ 3884N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	555N	739 ÷ 823N	290 ÷ 375N	1200N	1595 ÷ 1777N	627 ÷ 809N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	1110N	1478 ÷ 1646N	580 ÷ 750N	2400N	3190 ÷ 3554N	1254 ÷ 1618N
Course totale (±0.3mm) *Total stroke*	26mm			12mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	2Hz					
Consommation d'air par cycle *Cycle air consumption*	70cm³	97cm³	97cm³	70cm³	97cm³	97cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.11s / 0.11s	0.08s / 0.13s	0.13s / 0.08s	0.08s / 0.08s	0.06s / 0.13s	0.13s / 0.06s
Précision en répétabilité *Repetition accuracy*	0.02mm					
Poids *Weight*	1350g	1750g	1700g	1370g	1770g	1720g

Dimensions (mm)
Dimensions (mm)



FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

2 Support pour capteurs inductifs Ø4
Ø4 inductive sensor holder

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

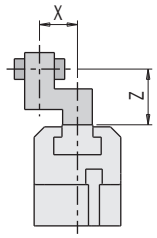
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

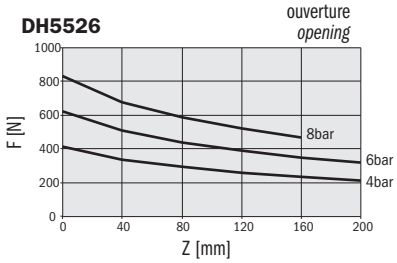
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

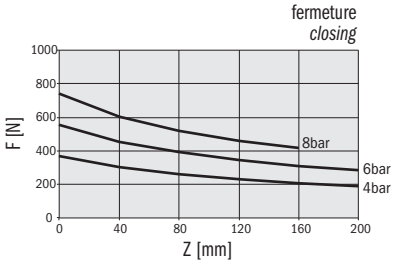


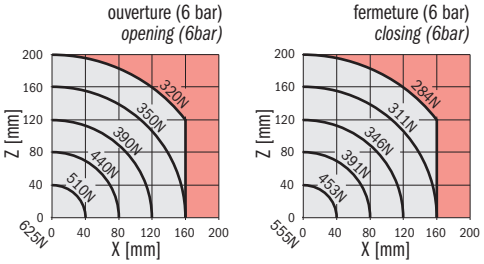
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

***The force shown in these graphs refers to one jaw.
The total force is double.***

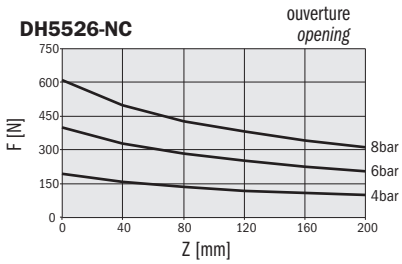
DH5526

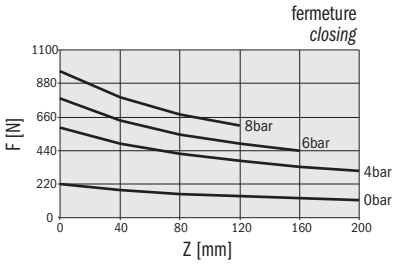


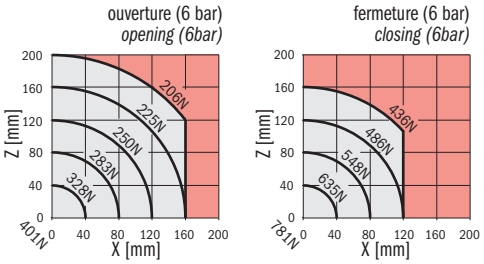




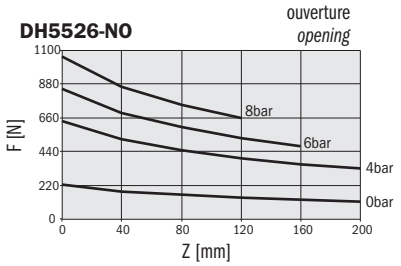
DH5526-NC

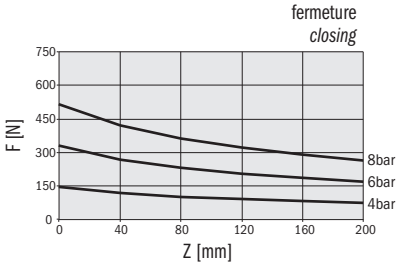


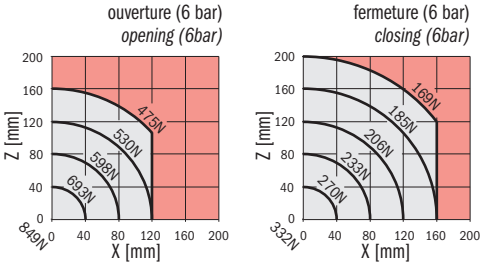




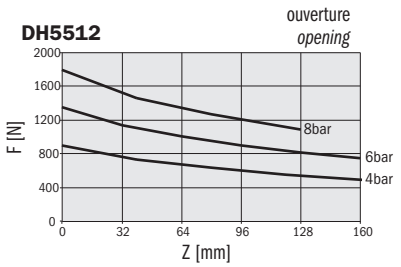
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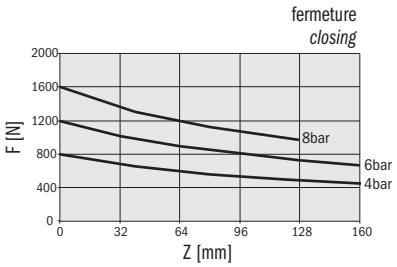


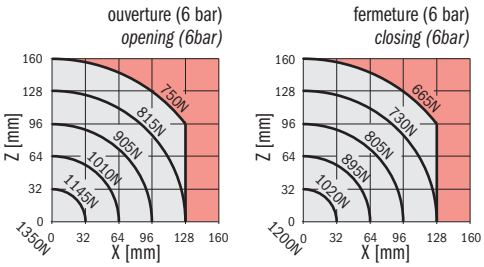




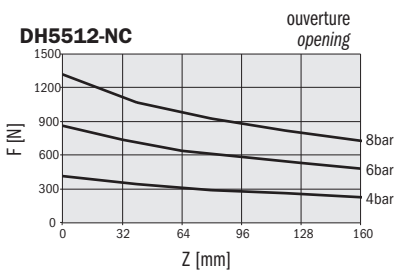
DH5512

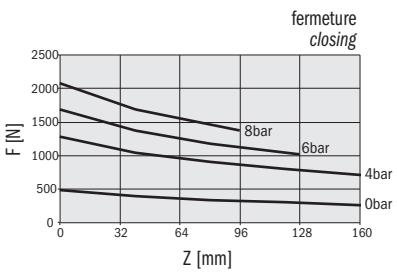


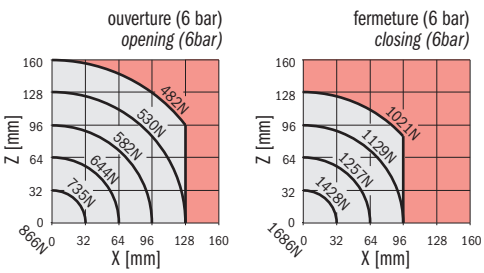




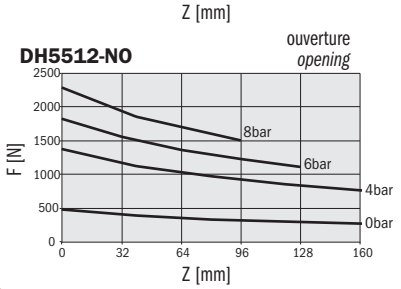
DH5512-NC

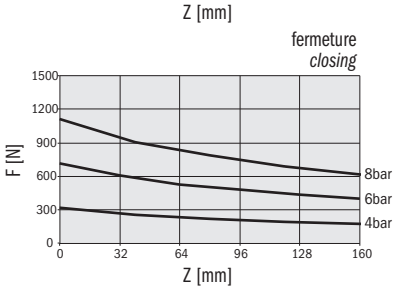


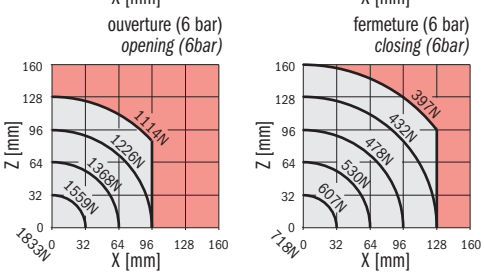




DH5512-NO



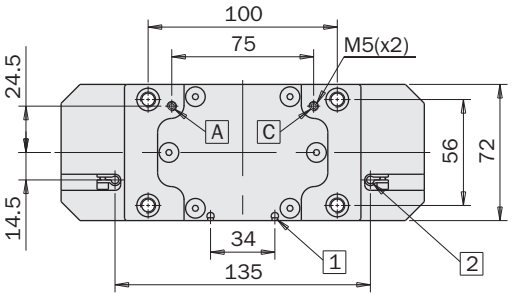


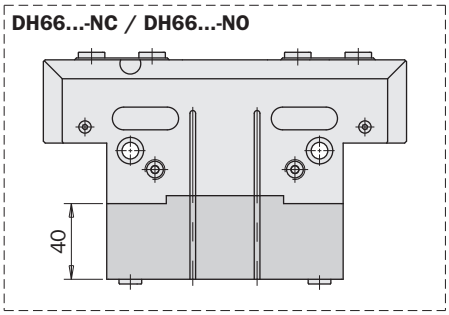


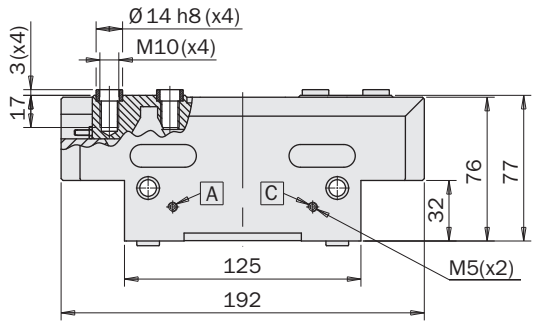
DH

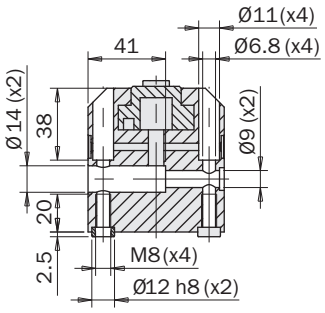
	DH6632	DH6632-NC	DH6632-NO	DH6616	DH6616-NC	DH6616-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	920N	559 ÷ 663N	1180 ÷ 1284N	1840N	1119 ÷ 1326N	2361 ÷ 2568N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	1840N	1118 ÷ 1326N	2360 ÷ 2568N	3680N	2238 ÷ 2652N	4722 ÷ 5136N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	820N	1078 ÷ 1181N	457 ÷ 560N	1640N	2156 ÷ 2363N	914 ÷ 1121N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	1640N	2156 ÷ 2362N	914 ÷ 1120N	3280N	4312 ÷ 4726N	1828 ÷ 2242N
Course totale (±0.3mm) *Total stroke*	32mm			16mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	2Hz					
Consommation d'air par cycle *Cycle air consumption*	127cm³	178cm³	178cm³	127cm³	178cm³	178cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.15s / 0.15s	0.12s / 0.18s	0.18s / 0.12s	0.15s / 0.15s	0.12s / 0.18s	0.18s / 0.12s
Précision en répétabilité *Repetition accuracy*	0.02mm					
Poids *Weight*	2630g	3430g	3300g	2670g	3470g	3340g

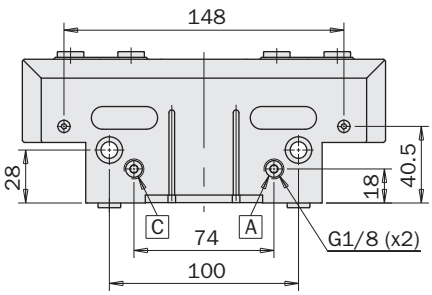
Dimensions (mm)
Dimensions (mm)

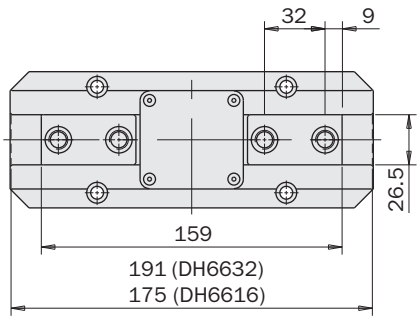












FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

2 Support pour capteurs inductifs Ø4
Ø4 inductive sensor holder

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

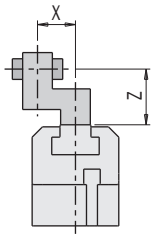
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

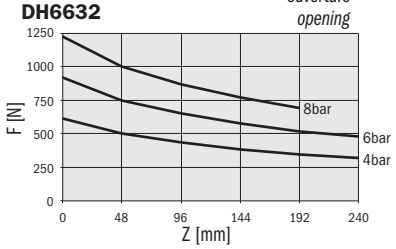
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

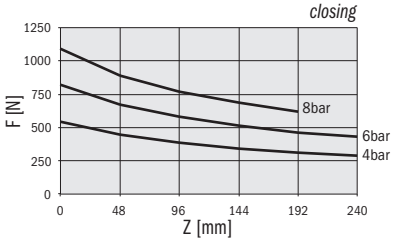


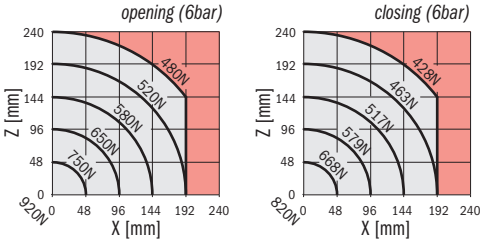
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

***The force shown in these graphs refers to one jaw.
The total force is double.***

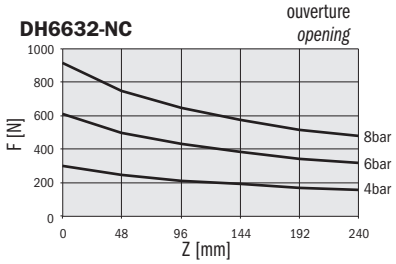
DH6632

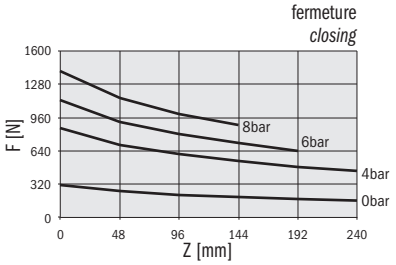


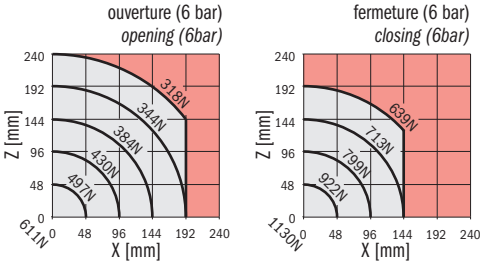




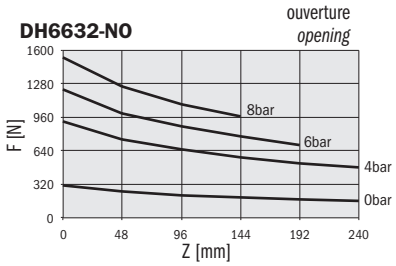
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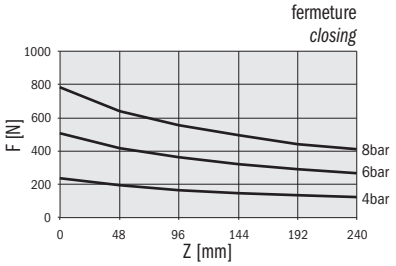


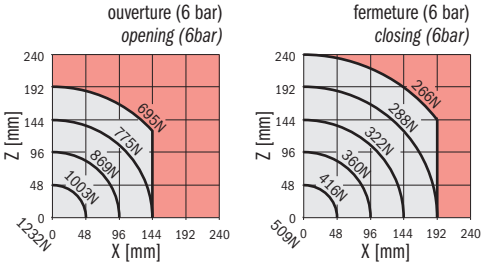




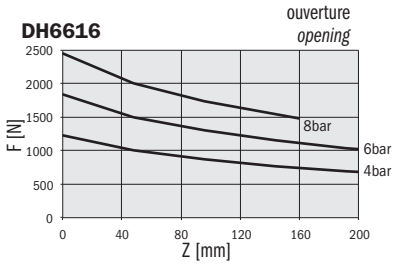
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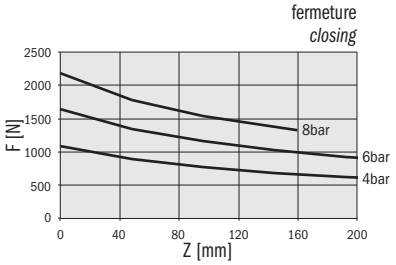


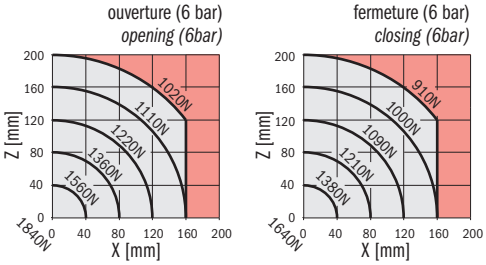




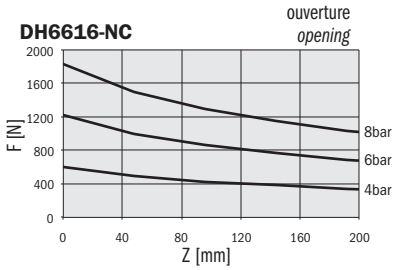
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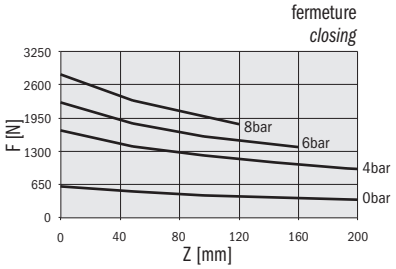


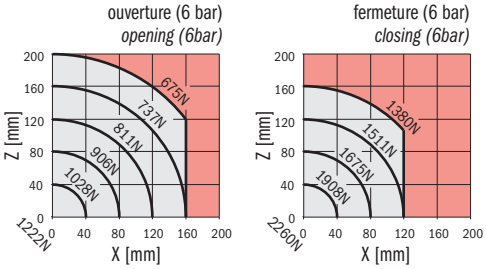




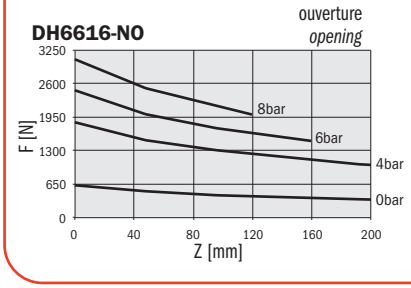
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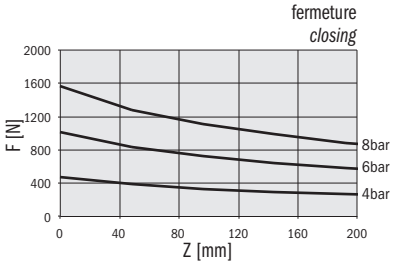


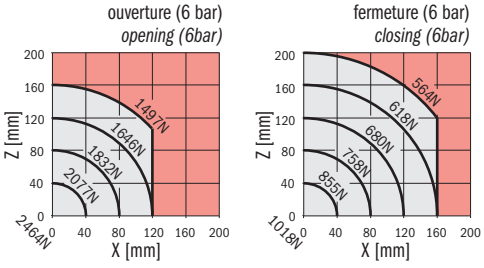




DH6616-NO



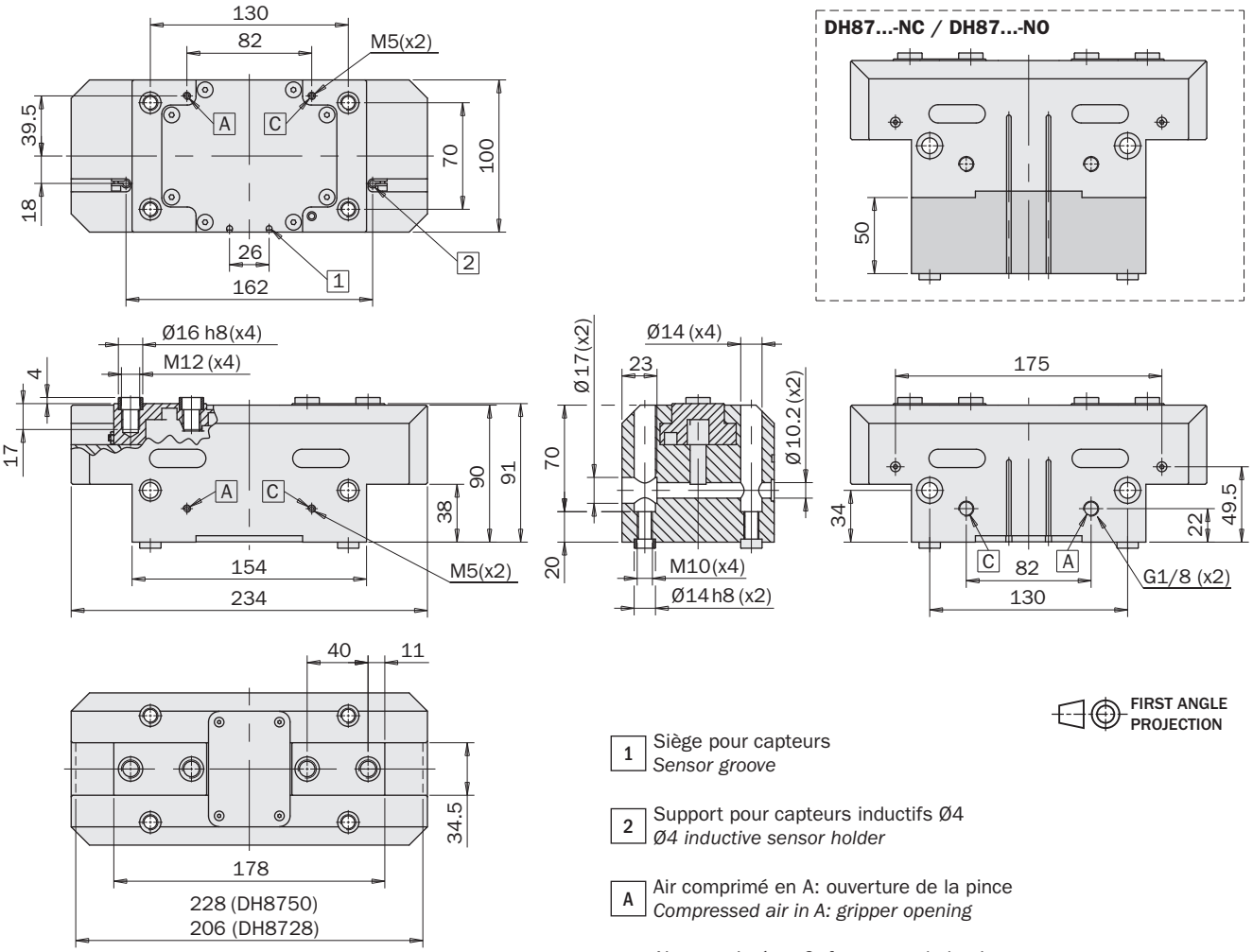




DH

	DH8750	DH8750-NC	DH8750-NO	DH8728	DH8728-NC	DH8728-NO
Fluide *Medium*	Air comprimé selon ISO 8573-1:2010 [7:4:4] *Compressed air in compliance with ISO 8573-1:2010 [7:4:4]*					
Pression *Pressure range*	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar	1.5 ÷ 8bar	4 ÷ 8bar	4 ÷ 8bar
Température *Temperature range*	5 ÷ 100°C.					
Force de serrage par mâchoire en ouverture à 6 bar *Opening gripping force at 6 bar each jaw*	1560N	977 ÷ 1129N	1992 ÷ 2144N	2750N	1720 ÷ 1988N	3509 ÷ 3776N
Force de serrage totale en ouverture à 6 bar *Opening total gripping force at 6 bar*	3120N	1954 ÷ 2258N	3984 ÷ 4288N	5500N	3440 ÷ 3976N	7018 ÷ 7552N
Force de serrage par mâchoire en fermeture à 6 bar *Closing gripping force at 6 bar each jaw*	1420N	1853 ÷ 2005N	837 ÷ 989N	2500N	3263 ÷ 3531N	1475 ÷ 1742N
Force de serrage par mâchoire en fermeture à 6 bar *Closing total gripping force at 6 bar*	2840N	3706 ÷ 4010N	1674 ÷1978N	5000N	6526 ÷ 7026N	2950 ÷ 3484N
Course totale (±0.3mm) *Total stroke*	50mm			28mm		
Fréquence de fonctionnement maximum *Maximum working frequency*	1Hz					
Consommation d'air par cycle *Cycle air consumption*	347cm³	472cm³	472cm³	347cm³	472cm³	472cm³
Temps minimum de fermeture / ouverture *Closing / opening minimum time*	0.21s / 0.21s	0.19s / 0.31s	0.31s / 0.19s	0.21s / 0.21s	0.19s / 0.31s	0.31s / 0.19s
Précision en répétabilité *Repetition accuracy*	0.02mm					
Poids *Weight*	4990g	6920g	6750g	5050g	6980g	6810g

Dimensions (mm)
Dimensions (mm)



FIRST ANGLE PROJECTION

1 Siège pour capteurs
Sensor groove

2 Support pour capteurs inductifs Ø4
Ø4 inductive sensor holder

A Air comprimé en A: ouverture de la pince
Compressed air in A: gripper opening

C Air comprimé en C: fermeture de la pince
Compressed air in C: gripper closing

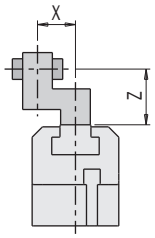
09/2021

Force de serrage

Les graphiques montrent la force par mâchoire (F) exprimée par la pince en fonction de la pression, de la longueur du bras de levier (Z) et du désaxage du point de prise (X).
Diminuer la pression si la pince est utilisée dans la zone rouge.

Gripping force

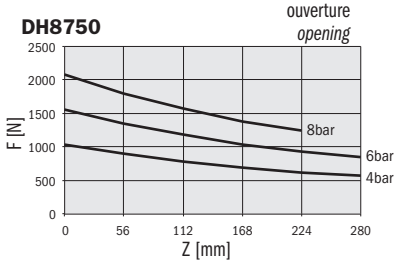
The graphs show the gripping force (F) on each jaw, as a function of the operating pressure, the gripping tool length (Z) and the overhanging (X).
Decrease the air pressure if the gripper is used in red area.

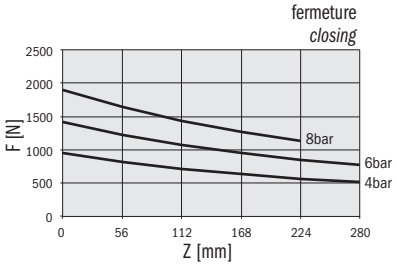


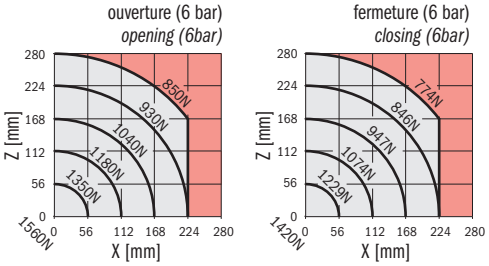
**La force indiquée dans ces graphiques correspond à une mâchoire.
La force totale est le double de cette valeur.**

The force shown in these graphs refers to one jaw. The total force is double.

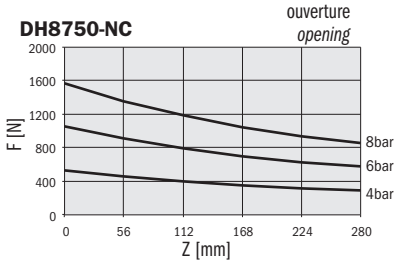
DH8750

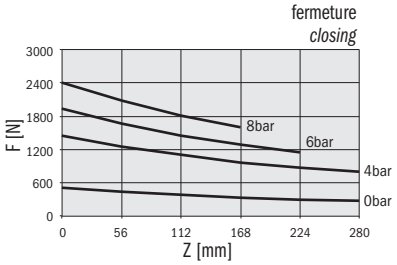


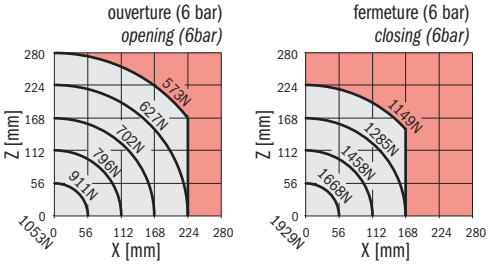




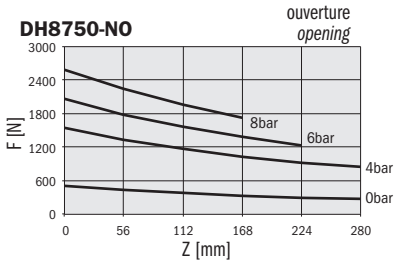
DH8750-NC

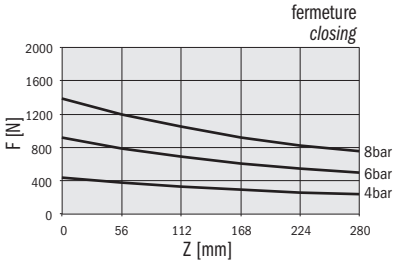


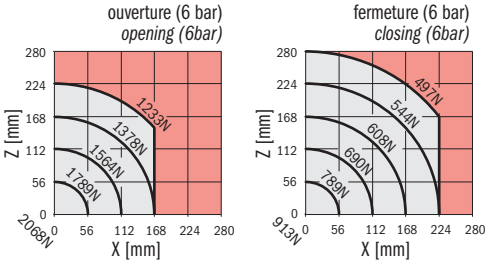




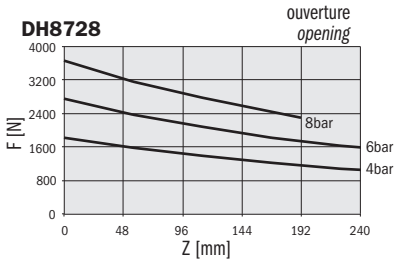
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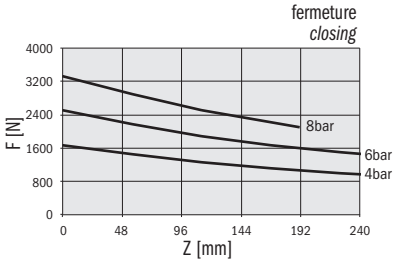


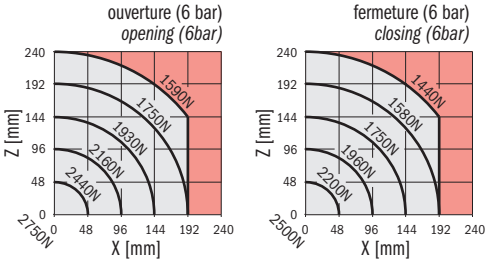




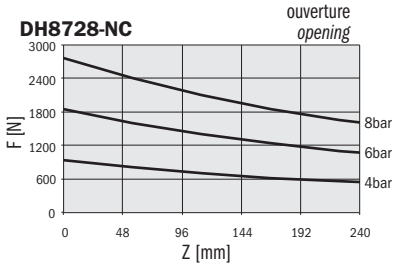
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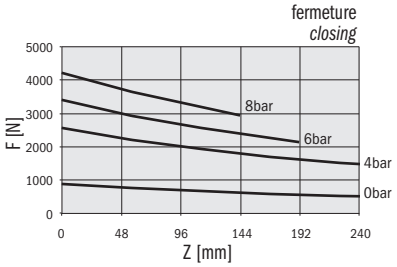


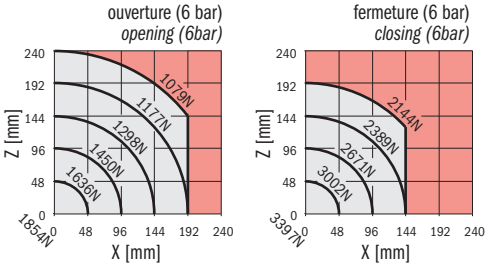




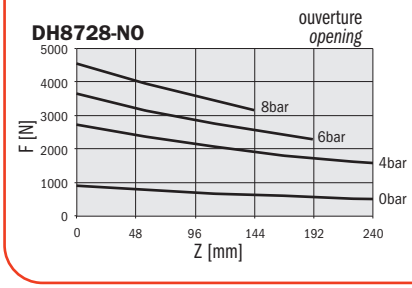
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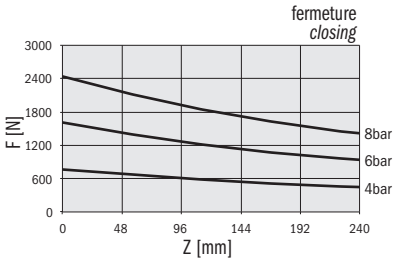


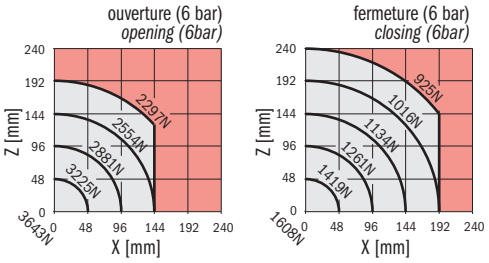




DH8728-NO





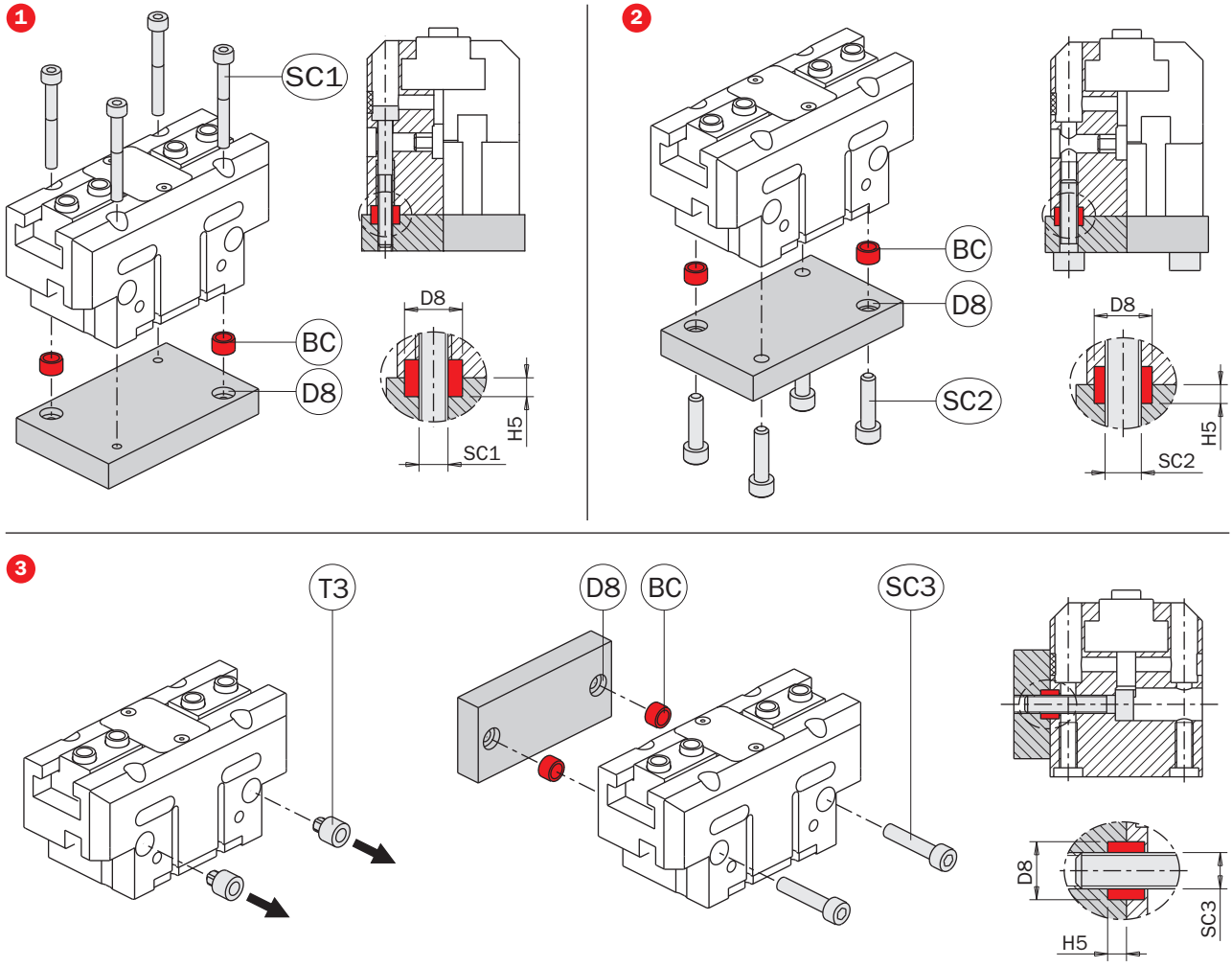


Fixation de la pince

La pince peut être montée en position fixe ou sur des pièces en mouvement.
Dans ce cas, tenir compte de la force d'inertie à laquelle la pince et sa charge sont soumises.
1) Pour fixer la pince à la base, utiliser quatre vis (SC1) pour les quatre orifices.
2) Pour fixer la pince à la base, il est également possible d'utiliser quatre vis (SC2) à travers la plaque de montage vissée sur la pince.
3) Pour fixer la partie pince, utiliser deux vis (SC3) dans les orifices passants après avoir retiré les bouchons de protection (T3).
Dans tous les cas, installer les deux douilles de centrage (BC) fournis. Contrôler les dimensions sur les tableaux (D8 et H5) pour leur logement sur la plaque de montage.

Gripper fastening

The gripper can be fastened to a static or moving part.
When on a moving part, you must pay attention to the inertial force to which the gripper and its load are subjected.
1) To fasten gripper to base, use four screws (SC1) in the through holes.
2) To fasten gripper to base, you can also use four screws (SC2) through the mounting plate, screwed in the gripper.
3) To fasten the gripper side, use two screws (SC3) in the through holes, after removing the protection plugs (T3).
In every case, put the two centering sleeves (BC), which are supplied in the package. Check the dimensions in the table (D8 and H5) for their housings in the mounting plate.



		DH19...	DH22...	DH27...	DH35...	DH44...	DH55...	DH66...	DH87...
D8	H8	Ø5	Ø6	Ø8	Ø8	Ø10	Ø12	Ø12	Ø14
H5	+0.1 +0.2	2	2.5	2.5	2.5	3	3	2.5	4
SC1		M2.5	M3	M4	M4	M5	M6	M6	M8
SC2		M3	M4	M5	M5	M6	M8	M8	M10
SC3		M2.5	M3	M4	M5	M6	M8	M8	M10

Fixation des doigts de prise

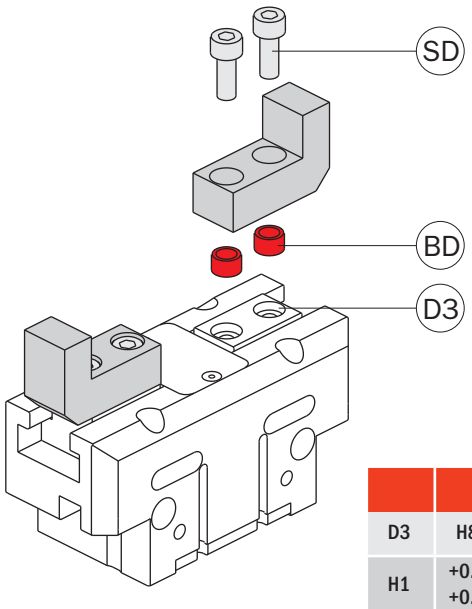
Les doigts doivent être aussi courts et légers que possible.
Les fixer au moyen de deux vis (SD) et de deux douilles de centrage (BD) dans les orifices calibrés (D3) des mâchoires.

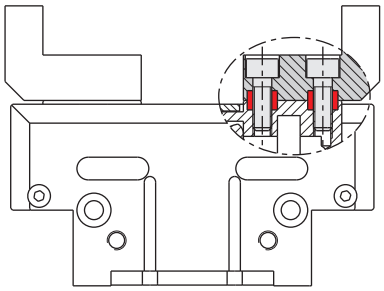
La pince est fournie avec 4 douilles de centrage (BD) pour les doigts de prise et 2 douilles (BC) pour le corps.

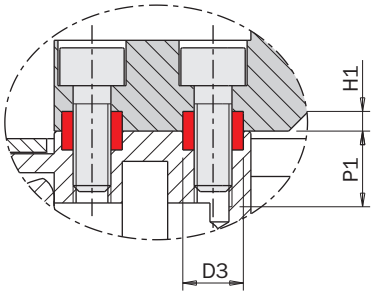
Gripping tool fastening

The gripping tools must be as short and light as possible. They must be fastened by two screws (SD) and two centering sleeves (BD) in the calibrated holes (D3) of the jaws.

4 centering rings (BD) for the gripping tools and 2 centering sleeves (BC) for the housing are supplied in the packaging.









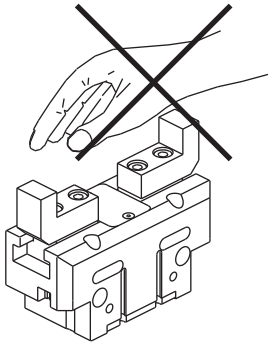
		DH19...	DH22...	DH27...	DH35...	DH44...	DH55...	DH66...	DH87...
D3	H8	Ø4	Ø5	Ø6	Ø8	Ø10	Ø10	Ø14	Ø16
H1	+0.1 +0.2	2	1.4	2.5	2.5	3	3	3	4
P1		5	6	8	9.5	11	11	17	17
SD		M2.5	M3	M4	M5	M6	M6	M10	M12

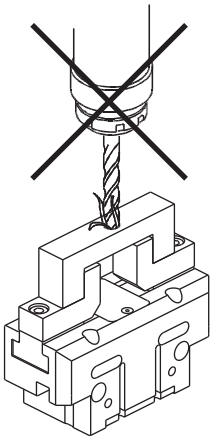
Avertissements

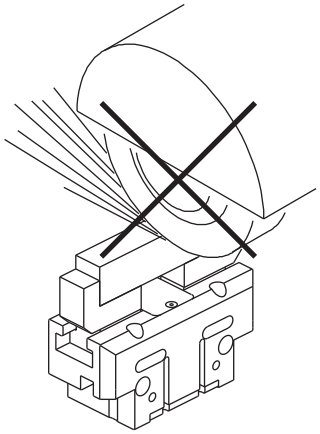
Éviter le contact avec des substances corrosives, projections de soudage ou poudres abrasives qui pourraient endommager la glissière.
Ne pas introduire les mains entre les douilles et ne laisser aucun objet sur le parcours de la pince.
La pince ne peut être mise en marche que si la machine dont elle fait partie a été déclarée conforme aux dispositions de sûreté en vigueur.

Cautions

Avoid the gripper coming into contact with the following media: coolants which cause corrosion, grinding dust or glowing sparks. Make sure that nobody can place his/her hand between the gripping tools and there are no objects in the path of the gripper. The gripper must not run before the whole machine, on which it is mounted, complies with the laws or safety norms of your country.





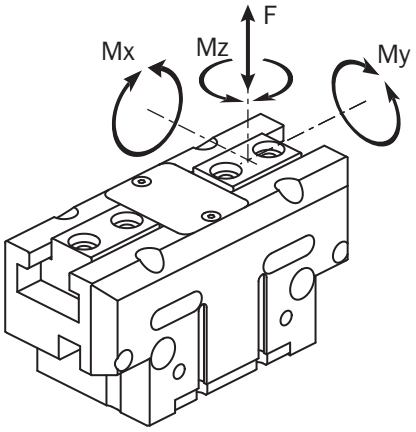


Charges admissibles

Vérifier dans le tableau les charges admissibles.
Forces et couples excessifs peuvent endommager la pince et entraîner des dysfonctionnement risquant de compromettre la sécurité de l'opérateur.
F s, Mx s, My s, Mz s sont les charges maximums admissibles en conditions statiques. (avec les mâchoires immobiles).
F d, Mx d, My d, Mz d sont les charges maximums admissibles en conditions dynamiques. (avec les mâchoires en mouvement).
m, désigne le poids maximum de chaque doigt quand la pince est utilisée sans réglage de vitesse ; si cette valeur est supérieure, la vitesse devra être limitée au moyen d'un réducteur de débit (non fourni).

Safety loads

Check the table for maximum permitted loads.
Excessive forces or torques can damage the gripper, cause functioning troubles and endanger the safety of the operator.
F s, Mx s, My s, Mz s, are maximum permitted static loads.
Static means with motionless jaws.
F d, Mx d, My d, Mz d, are maximum permitted dynamic loads.
Dynamic means with running jaws.
m, is the maximum permitted weight of each gripping tool, when the gripper works without speed adjustment.
If the weight is over the permitted value, it is necessary to decrease the speed of the jaw by using flow controllers (not supplied).



	DH1905 DH1905-NC DH1905-NO	DH2208 DH2208-NC DH2208-NO	DH2204 DH2204-NC DH2204-NO	DH2712 DH2712-NC DH2712-NO	DH2706 DH2706-NC DH2706-NO	DH3516 DH3516-NC DH3516-NO	DH3508 DH3508-NC DH3508-NO
F s	200N	350N	350N	600N	600N	900N	900N
Mx s	2.5Nm	5Nm	7.5Nm	8Nm	13Nm	18Nm	30Nm
My s	2.5Nm	7.5Nm	7.5Nm	13Nm	13Nm	30Nm	30Nm
Mz s	2Nm	4Nm	6Nm	6.5Nm	10Nm	15Nm	23Nm
F d	2N	4N	4N	6N	6N	9N	9N
Mx d	0.06Nm	0.12Nm	0.12Nm	0.25Nm	0.25Nm	0.5Nm	0.5Nm
My d	0.06Nm	0.12Nm	0.12Nm	0.25Nm	0.25Nm	0.5Nm	0.5Nm
Mz d	0.06Nm	0.12Nm	0.12Nm	0.25Nm	0.25Nm	0.5Nm	0.5Nm
m	100g	180g	180g	350g	350g	600g	600g

	DH4420 DH4420-NC DH4420-NO	DH4410 DH4410-NC DH4410-NO	DH5526 DH5526-NC DH5526-NO	DH5512 DH5512-NC DH5512-NO	DH6632 DH6632-NC DH6632-NO	DH6616 DH6616-NC DH6616-NO	DH8750 DH8750-NC DH8750-NO	DH8728 DH8728-NC DH8728-NO
F s	1500N	1500N	2500N	2500N	4000N	4000N	7000N	7000N
Mx s	40Nm	60Nm	80Nm	125Nm	145Nm	215Nm	350Nm	400Nm
My s	60Nm	60Nm	80Nm	80Nm	145Nm	145Nm	200Nm	200Nm
Mz s	30Nm	45Nm	65Nm	95Nm	115Nm	165Nm	280Nm	300Nm
F d	15N	15N	25N	25N	40N	40N	70N	70N
Mx d	1Nm	1Nm	2Nm	2Nm	4Nm	4Nm	8Nm	8Nm
My d	1Nm	1Nm	2Nm	2Nm	4Nm	4Nm	8Nm	8Nm
Mz d	1Nm	1Nm	2Nm	2Nm	4Nm	4Nm	8Nm	8Nm
m	1100g	1100g	2100g	2100g	3500g	3500g	6500g	6500g

Capteurs (en option)

Il est possible de vérifier la position de fonctionnement au moyen de capteurs magnétiques ou inductifs (diamètre 4 mm), qui permettent de détecter respectivement un aimant sur le piston et une partie métallique (M), installés en position réglable sur la mâchoire).

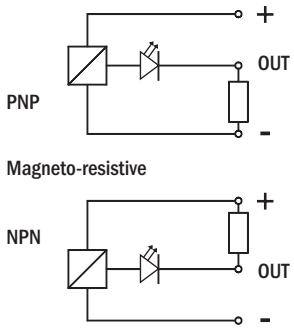
Les capteurs magnétiques utilisables sont les codes Gimatic:

Sensors (optional)

The operating position can be checked by magnetic sensors which detect a magnet on the piston, or by inductive sensors (4mm diameter), which detect a metal part (M) in an adjustable position into the jaw.

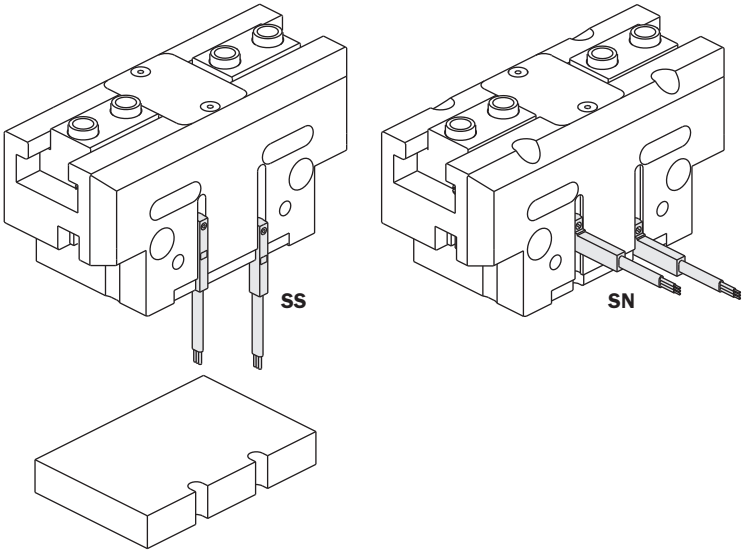
The magnetic sensors from Gimatic are the codes:

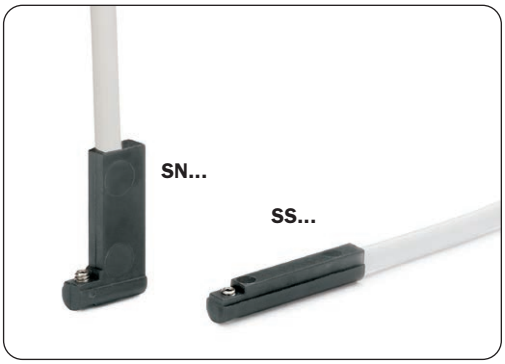
SN4N225-G	PNP	Câble 2.5m *2.5m cable*
SN4M225-G	NPN	
SN3N203-G	PNP	Connecteur M8 *M8 snap plug connector*
SN3M203-G	NPN	
SS4N225-G	PNP	Câble 2.5m *2.5m cable*
SS4M225-G	NPN	
SS3N203-G	PNP	Connecteur M8 *M8 snap plug connector*
SS3M203-G	NPN	



Ils sont tous équipés d'un câble plat à trois fils et d'une DEL.

They are all provided with a 3-wire flat cable and a LED.

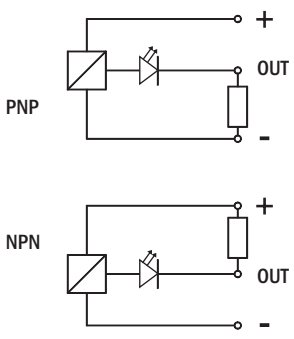




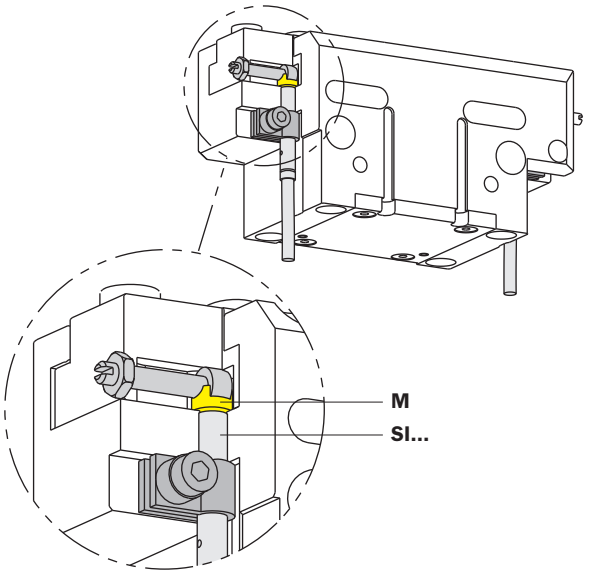
Capteurs inductifs réglables (sauf DH19 et DH22):

Adjustable inductive sensors (not for DH19 and DH22):

			DH27 DH35 DH44 DH55 DH66 DH87
SI4M225-G	NPN	Câble 2.5m *2.5m cable*	☑
SI4N225-G	PNP		





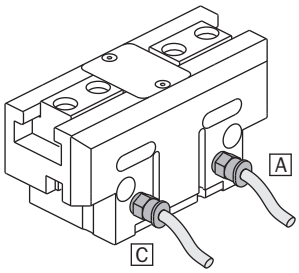


Alimentation en air comprimé

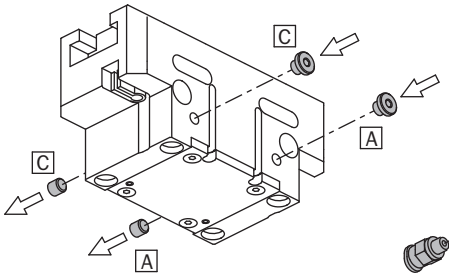
La pince et la glissière peuvent être alimentées à l'air comprimé via les orifices latéraux après montage des raccords d'air et tuyaux (non fournis).
L'air comprimé peut également être directement alimenté par la plaque de montage via joints toriques (non fournis) après retrait des bouchons.
Cette solution est possible avec la pince fixée sur la partie inférieure ou sur un côté après avoir obstrué les principales entrées d'air.
Contrôler les dimensions sur le tableau pour le logement des joints toriques sur la plaque de montage.
Air comprimé en A: ouverture de la pince.
Air comprimé en C: fermeture de la pince.
L'air comprimé doit être fourni filtré, non nécessairement lubrifié.
Le choix initial portant sur lubrification de l'air (lubrifié ou non) doit être maintenu pour l'ensemble de la durée de fonctionnement de la pince.
Le circuit pneumatique doit être pressurisé progressivement, pour éviter tout mouvement incontrôlés.

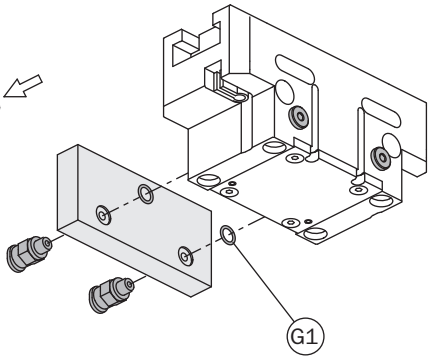
Compressed air feeding

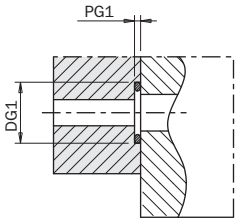
The compressed air feeding can be accomplished by the main lateral air ports on the gripper side, after mounting fittings and hoses (not supplied).
Or the compressed air can be supplied directly by the mounting plate, through O-Rings (not supplied), after removing the plugs.
This is possible with the gripper fastened on the bottom, or on one side, after plugging the main air ports.
Check the dimensions in the table for the housings of the O-Rings in the mounting plate.
Compressed air in A: gripper opening.
Compressed air in C: gripper closing.
The gripper is driven by filtered compressed air not necessarily lubricated.
The initial choice on air lubrication (lubricated or not) must be kept for the complete service life of the gripper.
The pneumatic circuit must be pressurized progressively, to avoid uncontrolled movements.

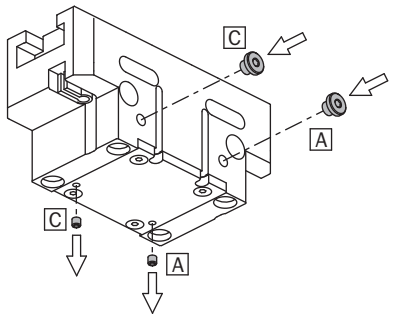


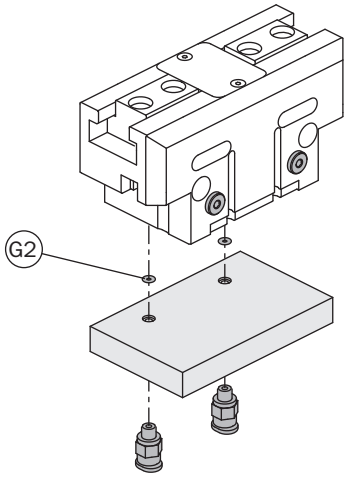
		DH19...	DH22...	DH27...	DH35...	DH44...	DH55...	DH66...	DH87...
G1		O-Ring 1x3 (GUAR-082)	O-Ring 1x5 (GUAR-021)						
DG1	H11	Ø5 mm	Ø7 mm						
PG1	+0.1	0.7 mm							
G2		O-Ring 1x3 (GUAR-082)					O-Ring 1x5 (GUAR-021)		
DG2	H11	Ø5 mm					Ø7 mm		
PG2	+0.1	0.4 mm	0.4 mm	0.4 mm	0.4 mm	0.5 mm	0.5 mm	0.5 mm	0.7 mm

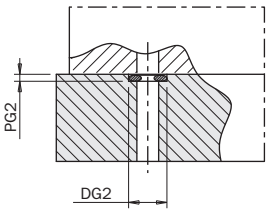












Circuit pneumatique

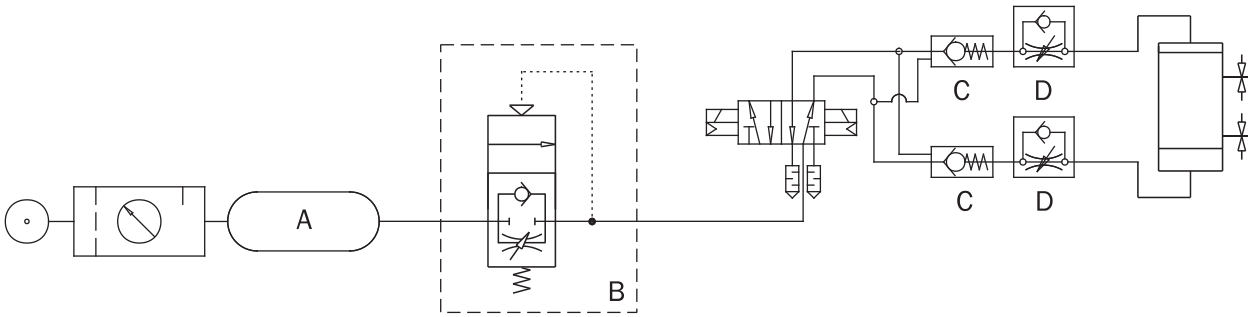
Dysfonctionnements possibles sur le circuit d'alimentation de l'air comprimé:
1- Variation de la pression.
2- Mise sous pression avec la pince vide.
3- Coupure de pression.
4- Vitesse des mâchoires excessive.

Solutions possibles :
1- Réservoir externe (A).
2- Vanne de démarrage progressif (B).
3- Vanne de sûreté (C).
4- Réducteur de débit (D).

Pneumatic circuit

Possible problems on a compressed air circuit:
1- Pressure variation.
2- Pressurizing with empty gripper.
3- Sudden pressure black-out.
4- Excessive speed of the jaws.

Possible solutions:
1- Compressed air storage (A).
2- Start-up valve (B).
3- Safety valve (C).
4- Flow controller (D).



Maintenance

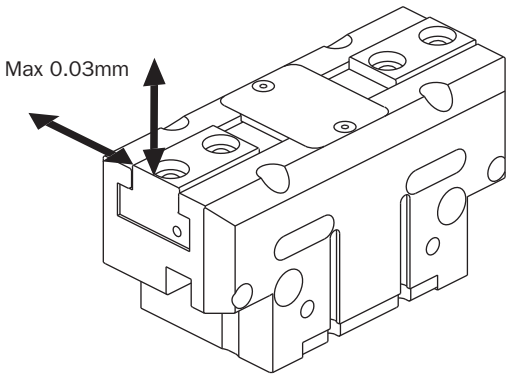
La pince doit être lubrifiée tous les 10 millions de cycles avec:
• BERULUB FG-H 2 SL
(Lubrifiant NSF H1 Enregistrement No. 135919).

La figure ci-dessous montre le jeu maximum des mâchoires.

Maintenance

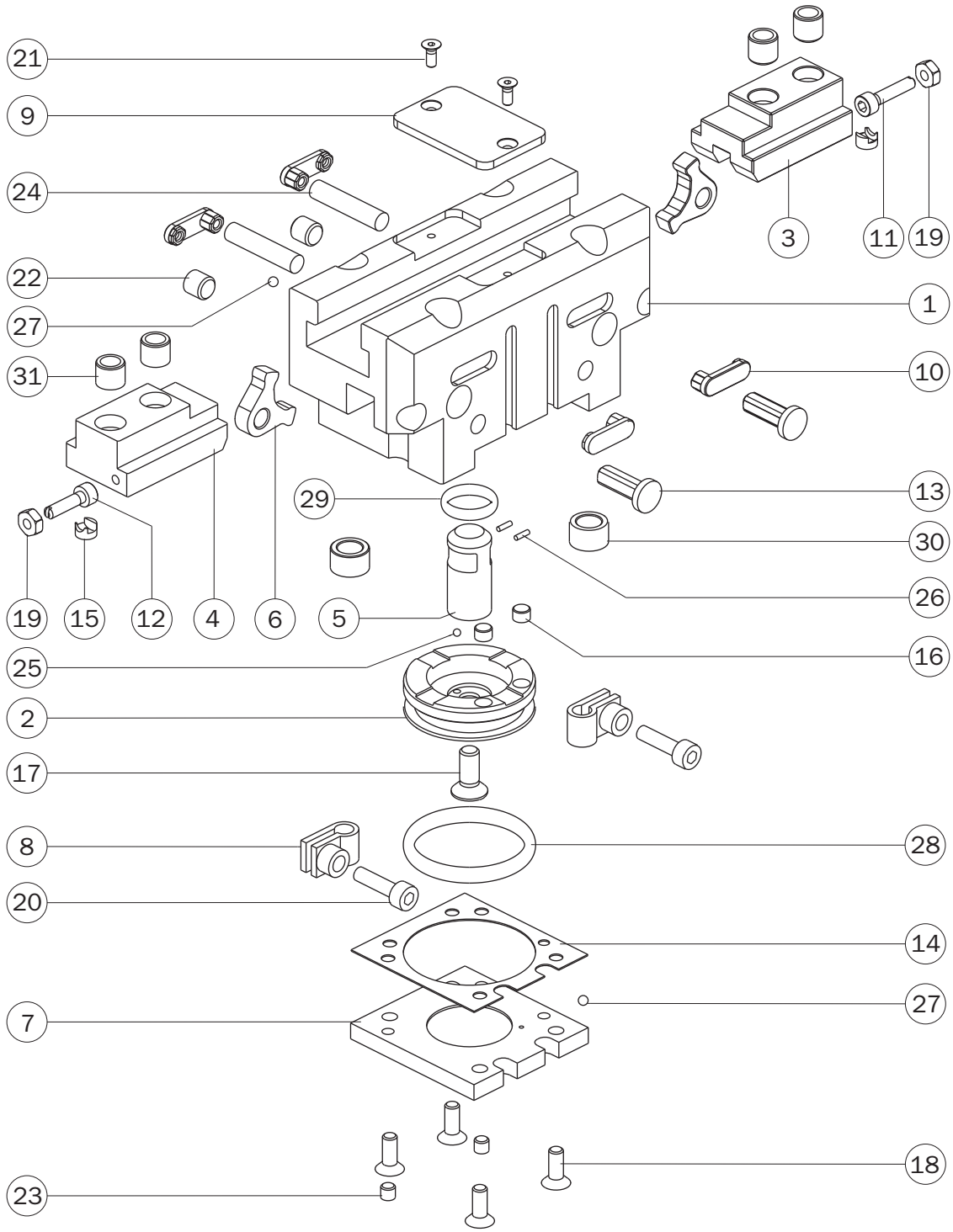
Grease the gripper after 10 million cycles with:
• *BERULUB FG-H 2 SL*
(Lubricant NSF H1 Registration No. 135919).

The picture below shows the jaw maximum backlash.



Vue explosée
Exploded view

DH19
DH22
DH27

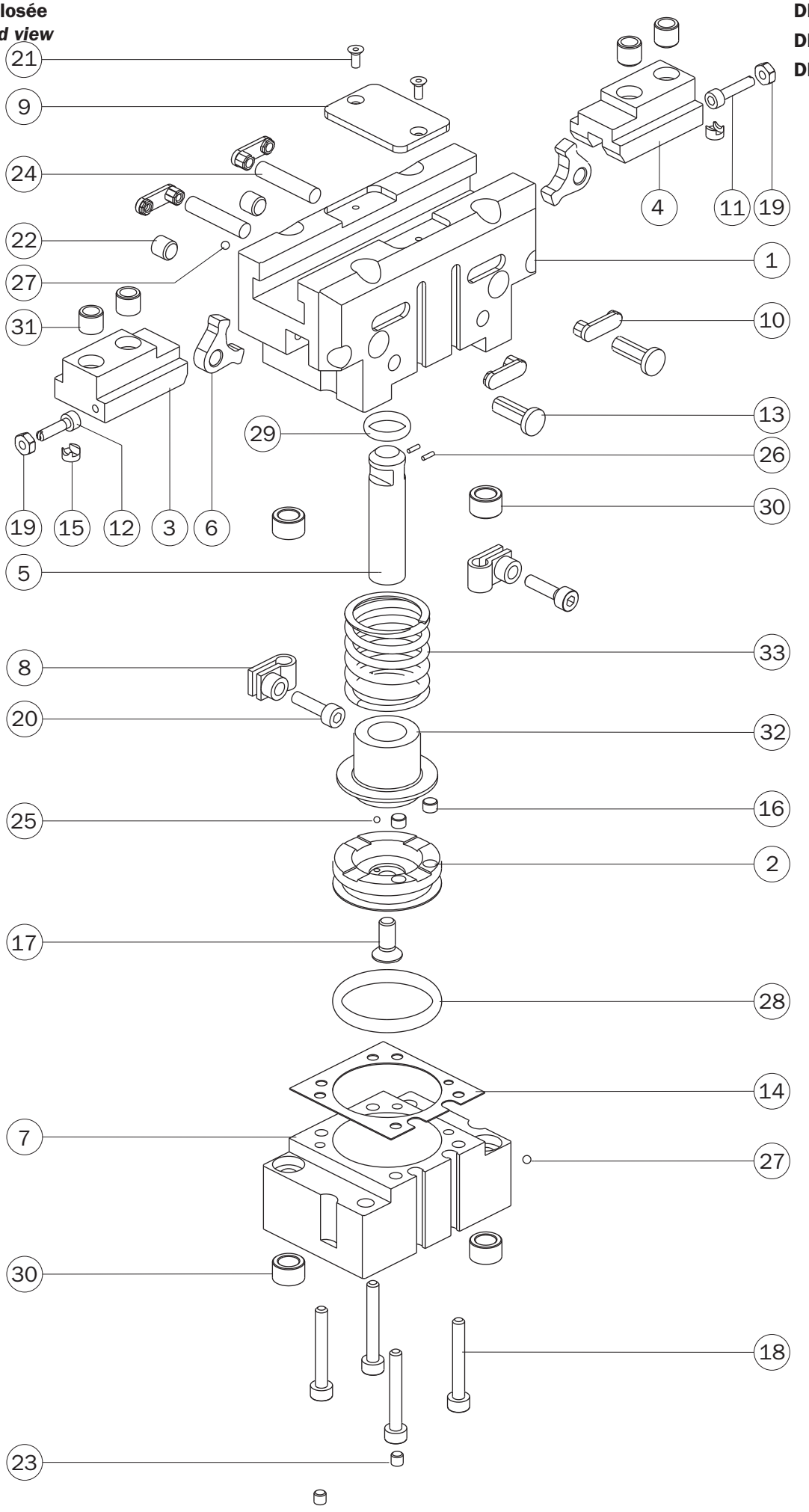


Liste des pièces
Part list

		DH1905	DH2208	DH2204	DH2712	DH2706		
1	Corps de la pince	DH1905-01	DH2208-01		DH2712-01		*Gripper housing*	1
2	Piston	DH1905-04	DH2208-02		DH2712-02		*Piston*	2
3	Mâchoire droite	DH1905-03	DH2208-03		DH2712-03D		*Right jaw*	3
4	Mâchoire gauche	DH1905-03	DH2208-03		DH2712-03S		*Left jaw*	4
5	Tige	-	DH2208-04		DH2712-04		*Piston rod*	5
6	Levier	DH1905-05	DH2208-05	DH2204-05	DH2712-05	DH2706-05	*Lever*	6
7	Bloc de fin de course	DH1905-06	DH2208-06		DH2712-06		*Bottom end plate*	7
8	Support pour capteurs inductifs	-	-		DH3516-07		*Inductive sensor holder*	8
9	Couvercle supérieur	DH1905-08	DH2208-08		DH2712-08		*Top cover*	9
10	Bouchon	-	DH2208-13		DH2712-13		*Plug*	10
11	Vis de réglage	-	-		DH2712-14		*Adjustment screw*	11
12	Vis de réglage	-	-		DH2712-15	DH2712-16	*Adjustment screw*	12
13	Bouchon de protection	-	DH2208-17		DH2712-17		*Protection plug*	13
14	Joint	DH1905-18	DH2208-18		DH2712-18		*Seal*	14
15	Entraineur de capteur	-	-		DH2712-19		*Sensor activator*	15
16	Aimant	EPP12-13					*Magnet*	16
17	Vis	-	VITE-035 M3x8 DIN965A		VITE-028 M4x10 DIN965A		*Screw*	17
18	Vis	VITE-238 M2x5 DIN7991	VITE-234 M2.5x6 DIN7991		VITE-306 M3x8 UNI5933		*Screw*	18
19	Écrou	-	-		VITE-210 M2.5 DIN934		*Nut*	19
20	Vis	-	-		VITE-014 M3x12 DIN912		*Screw*	20
21	Vis	VITE-238 M2x5 DIN7991					*Screw*	21
22	Vis sans tête	VITE-229 M3x3 DIN913	VITE-197 M5x4 DIN913		VITE-069 M5x5 DIN913		*Grub screw*	22
23	Vis sans tête	VITE-432 M2x2.5 DIN913	VITE-229 M3x3 DIN913				*Grub screw*	23
24	Pion de détrompage	SPINA-077 2.5x20 DIN6325	SPINA-069 2.5x17.8 DIN5402		SPINA-012 4x20 DIN6325		*Dowel pin*	24
25	Bille	-	SPINA-180 Ø1.5 DIN5401A				*Ball*	25
26	Pion de détrompage	-	SPINA-111 4x3.8 DIN5402				*Dowel pin*	26
27	Bille	SPINA-084 Ø2 DIN5401A					*Ball*	27
28	Joint torique	GUAR-023H 1.78x15.6	GUAR-206H 2.62x17.13		GUAR-032H 2.62x21.89		*O-Ring*	28
29	Joint torique	GUAR-039H 1.78x6.07	GUAR-012H 1.78x6.75		GUAR-013H 1.78x8.73		*O-Ring*	29
30	Douille	SGP-25-09	SGP-32-09		LP23-62		*Bush*	30
31	Douille	SGP-20-09	ZBH-5		SGP-32-09		*Bush*	31

Vue explosée
Exploded view

DH19...-NC
DH22...-NC
DH27...-NC

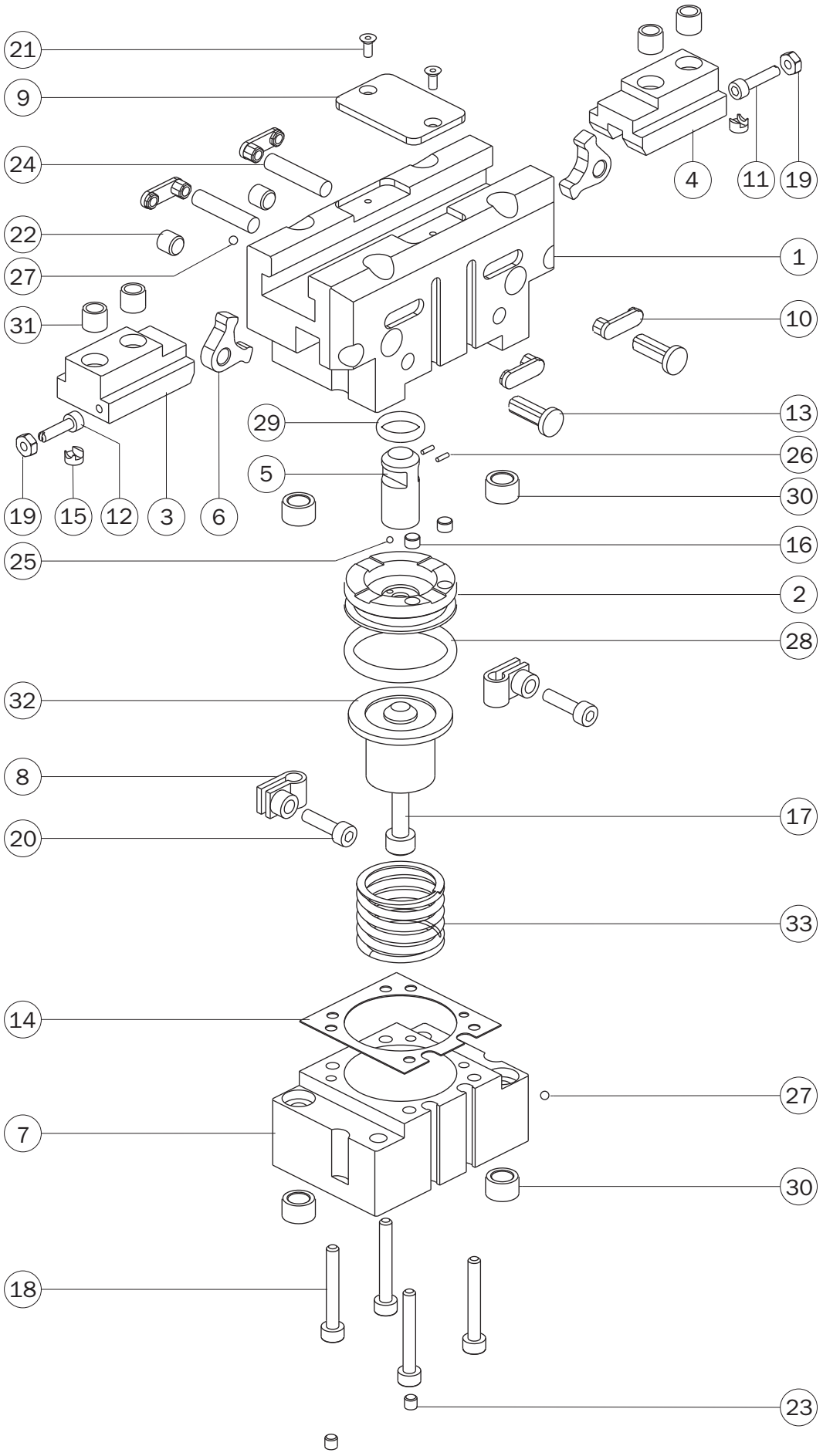


Liste des pièces
Part list

		DH1905-NC	DH2208-NC	DH2204-NC	DH2712-NC	DH2706-NC		
1	Corps de la pince	DH1905-01	DH2208-01		DH2712-01		*Gripper housing*	*1*
2	Piston	DH1905-10	DH2208-02		DH2712-02		*Piston*	*2*
3	Mâchoire droite	DH1905-03	DH2208-03		DH2712-03D		*Right jaw*	*3*
4	Mâchoire gauche	DH1905-03	DH2208-03		DH2712-03S		*Left jaw*	*4*
5	Tige	-	DH2208-10		DH2712-10		*Piston rod*	*5*
6	Levier	DH1905-05	DH2208-05	DH2204-05	DH2712-05	DH2706-05	*Lever*	*6*
7	Corps supplémentaire	DH1905-09	DH2208-09		DH2712-09		*Additional body*	*7*
8	Support pour capteurs inductifs	-	-		DH3516-07		*Inductive sensor holder*	*8*
9	Couvercle supérieur	DH1905-08	DH2208-08		DH2712-08		*Top cover*	*9*
10	Bouchon	-	DH2208-13		DH2712-13		*Plug*	*10*
11	Vis de réglage	-	-		DH2712-14		*Adjustment screw*	*11*
12	Vis de réglage	-	-		DH2712-15	DH2712-16	*Adjustment screw*	*12*
13	Protection plug	-	DH2208-17		DH2712-17		*Protection plug*	*13*
14	Joint	DH1905-18	DH2208-18		DH2712-18		*Seal*	*14*
15	Entraineur de capteur	-	-		DH2712-19		*Sensor activator*	*15*
16	Aimant	EPP12-13					*Magnet*	*16*
17	Vis	-	VITE-035 M3x8 DIN965A		VITE-028 M4x10 DIN965A		*Screw*	*17*
18	Vis	VITE-433 M2x16 DIN7991	VITE-445 M2.5x20 DIN912		VITE-164 M3x22 DIN912		*Screw*	*18*
19	Écrou	-	-		VITE-210 M2.5 DIN934		*Nut*	*19*
20	Vis	-	-		VITE-014 M3x12 DIN912		*Screw*	*20*
21	Vis	VITE-238 M2x5 DIN7991					*Screw*	*21*
22	Vis sans tête	VITE-229 M3x3 DIN913	VITE-197 M5x4 DIN913		VITE-069 M5x5 DIN913		*Grub screw*	*22*
23	Vis sans tête	VITE-432 M2x2.5 DIN913	VITE-229 M3x3 DIN913				*Grub screw*	*23*
24	Pion de détrompage	SPINA-077 2.5x20 DIN6325	SPINA-069 2.5x17.8 DIN5402		SPINA-012 4x20 DIN6325		*Dowel pin*	*24*
25	Bille	-	SPINA-180 Ø1.5 DIN5401A				*Ball*	*25*
26	Pion de détrompage	-	SPINA-111 4x3.8 DIN5402				*Dowel pin*	*26*
27	Bille	SPINA-084 Ø2 DIN5401A					*Ball*	*27*
28	Joint torique	GUAR-023H 1.78x15.6	GUAR-206H 2.62x17.13		GUAR-032H 2.62x21.89		*O-Ring*	*28*
29	Joint torique	GUAR-039H 1.78x6.07	GUAR-012H 1.78x6.75		GUAR-013H 1.78x8.73		*O-Ring*	*29*
30	Douille	SGP-25-09	SGP-32-09		LP23-62		*Bush*	*30*
31	Douille	SGP-20-09	ZBH-5		SGP-32-09		*Bush*	*31*
32	Entretoise - NC	DH1905-11	DH2208-11		DH2712-11		*Spacer -NC*	*32*
33	Ressort	DH1905-20	FES-32-20C		DH2712-20		*Spring*	*33*

Vue explosée
Exploded view

DH19...-NO
DH22...-NO
DH27...-NO

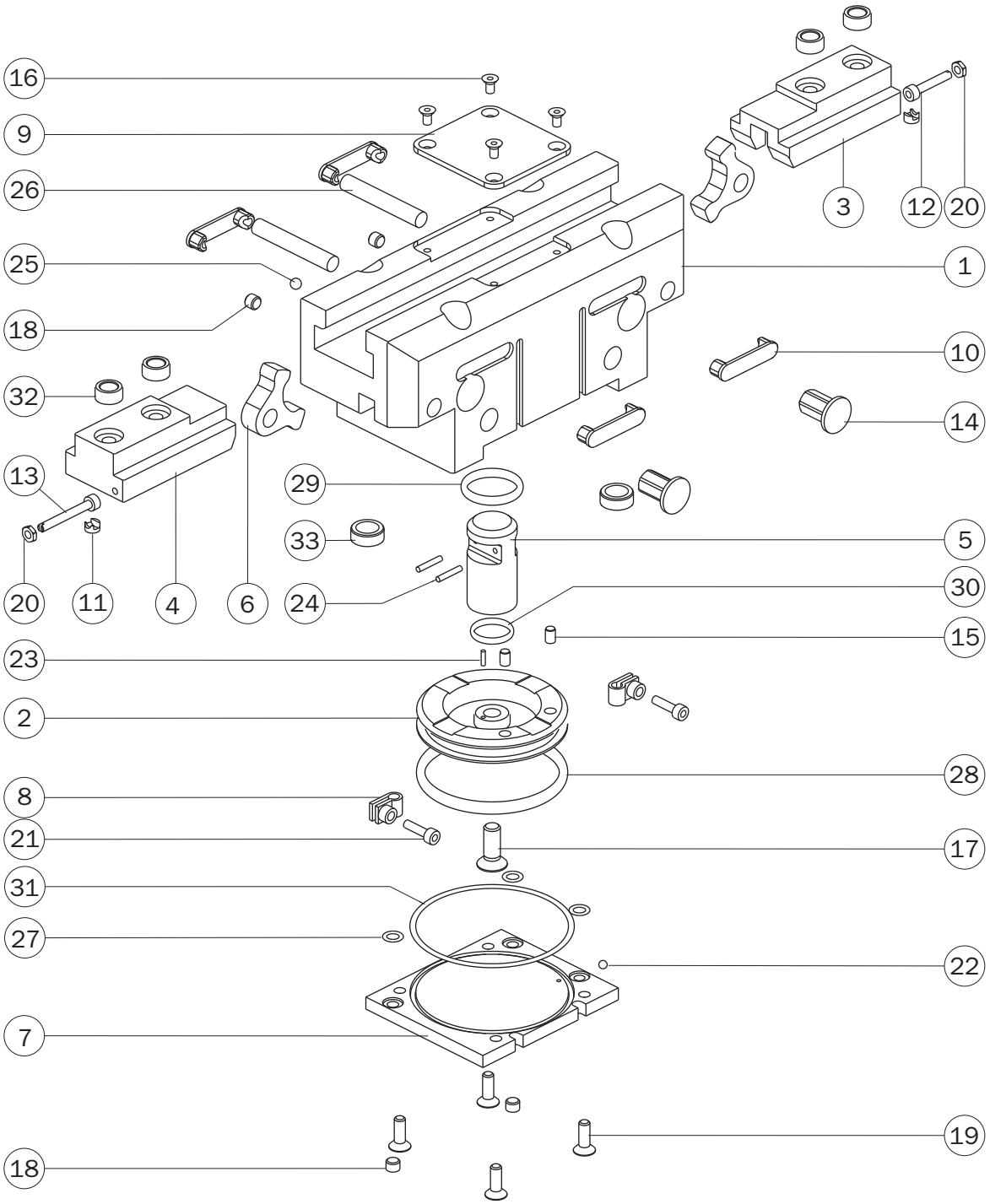


Liste des pièces
Part list

		DH1905-NO	DH2208-NO	DH2204-NO	DH2712-NO	DH2706-NO		
1	Corps de la pince	DH1905-01	DH2208-01		DH2712-01		*Gripper housing*	*1*
2	Piston	DH1905-10	DH2208-02		DH2712-02		*Piston*	*2*
3	Mâchoire droite	DH1905-03	DH2208-03		DH2712-03D		*Right jaw*	*3*
4	Mâchoire gauche	DH1905-03	DH2208-03		DH2712-03S		*Left jaw*	*4*
5	Tige	-	DH2208-04		DH2712-04		*Piston rod*	*5*
6	Levier	DH1905-05	DH2208-05	DH2204-05	DH2712-05	DH2706-05	*Lever*	*6*
7	Corps supplémentaire	DH1905-09	DH2208-09		DH2712-09		*Additional body*	*7*
8	Support pour capteurs inductifs	-	-		DH3516-07		*Inductive sensor holder*	*8*
9	Couvercle supérieur	DH1905-08	DH2208-08		DH2712-08		*Top cover*	*9*
10	Bouchon	-	DH2208-13		DH2712-13		*Plug*	*10*
11	Vis de réglage	-	-		DH2712-14		*Adjustment screw*	*11*
12	Vis de réglage	-	-		DH2712-15	DH2712-16	*Adjustment screw*	*12*
13	Bouchon de protection	-	DH2208-17		DH2712-17		*Protection plug*	*13*
14	Joint	DH1905-18	DH2208-18		DH2712-18		*Seal*	*14*
15	Entraîneur de capteur	-	-		DH2712-19		*Sensor activator*	*15*
16	Aimant	EPP12-13					*Magnet*	*16*
17	Vis	-	VITE-050 M3x16 DIN912		VITE-258 M4x20 DIN912		*Screw*	*17*
18	Vis	VITE-433 M2x16 DIN7991	VITE-445 M2.5x20 DIN912		VITE-164 M3x22 DIN912		*Screw*	*18*
19	Écrou	-	-		VITE-210 M2.5 DIN934		*Nut*	*19*
20	Vis	-	-		VITE-014 M3x12 DIN912		*Screw*	*20*
21	Vis	VITE-238 M2x5 DIN7991					*Screw*	*21*
22	Vis sans tête	VITE-229 M3x3 DIN913	VITE-197 M5x4 DIN913		VITE-069 M5x5 DIN913		*Grub screw*	*22*
23	Vis sans tête	VITE-432 M2x2.5 DIN913	VITE-229 M3x3 DIN913				*Grub screw*	*23*
24	Pion de détrompage	SPINA-077 2.5x20 DIN6325	SPINA-069 2.5x17.8 DIN5402		SPINA-012 4x20 DIN6325		*Dowel pin*	*24*
25	Bille	-	SPINA-180 Ø1.5 DIN5401A				*Ball*	*25*
26	Pion de détrompage	-	SPINA-111 4x3.8 DIN5402				*Dowel pin*	*26*
27	Bille	SPINA-084 Ø2 DIN5401A					*Ball*	*27*
28	Joint torique	GUAR-023H 1.78x15.6	GUAR-206H 2.62x17.13		GUAR-032H 2.62x21.89		*O-Ring*	*28*
29	Joint torique	GUAR-039H 1.78x6.07	GUAR-012H 1.78x6.75		GUAR-013H 1.78x8.73		*O-Ring*	*29*
30	Douille	SGP-25-09	SGP-32-09		LP23-62		*Bush*	*30*
31	Douille	SGP-20-09	ZBH-5		SGP-32-09		*Bush*	*31*
32	Entretoise -NO	DH1905-12	DH2208-12		DH2712-12		*Spacer -NO*	*32*
33	Ressort	DH1905-20	FES-32-20C		DH2712-20		*Spring*	*33*

Vue explosée
Exploded view

DH35
DH44
DH55

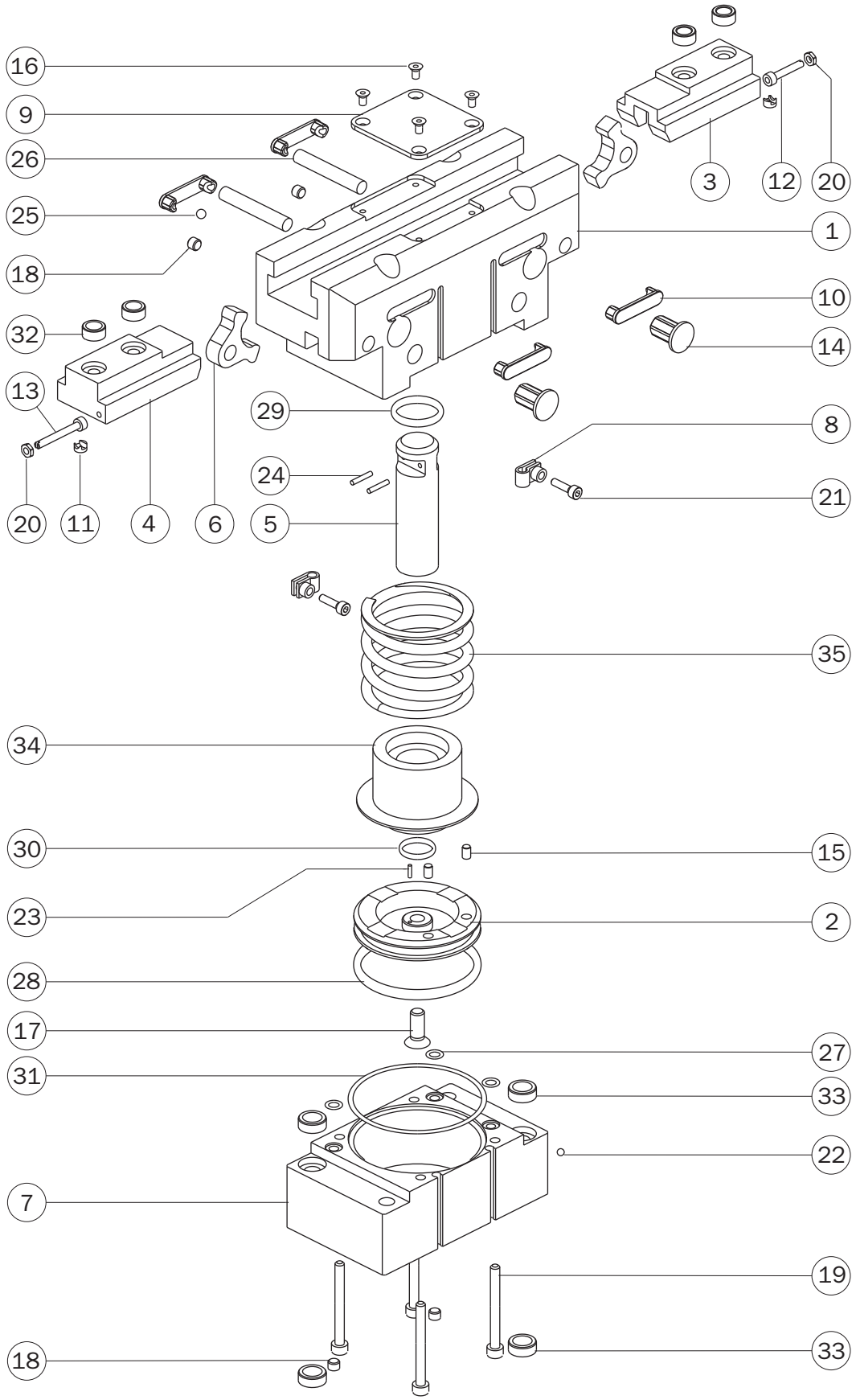


Liste des pièces
Part list

		DH3516	DH3508	DH4420	DH4410	DH5526	DH5512		
1	Corps de la pince	DH3516-01		DH4420-01		DH5526-01		*Gripper housing*	1
2	Piston	DH3516-02		DH4420-02		DH5526-02		*Piston*	2
3	Mâchoire droite	DH3516-03D		DH4420-03D		DH5526-03D		*Right jaw*	3
4	Mâchoire gauche	DH3516-03S		DH4420-03S		DH5526-03S		*Left jaw*	4
5	Tige	DH3516-04		DH4420-04		DH5526-04		*Piston rod*	5
6	Levier	DH3516-05	DH3508-05	DH4420-05	DH4410-05	DH5526-05	DH5512-05	*Lever*	6
7	Bloc de fin de course	DH3516-06		DH4420-06		DH5526-06		*Bottom end plate*	7
8	Inductive sensor holder	DH3516-07		DH3516-07		DH3516-07		*Inductive sensor holder*	8
9	Couvercle supérieur	DH3516-08		DH4420-08		DH5526-08		*Top cover*	9
10	Bouchon	DH3516-13		DH4420-13		DH5516-13		*Plug*	10
11	Entraîneur de capteur	DH3516-14		DH3516-14		DH3516-14		*Sensor activator*	11
12	Vis de réglage	TH5408-09		TH5408-09	TH5408-09	DH5526-14		*Adjustment screw*	12
13	Vis de réglage	TH5408-10		TH7610-09	TH5408-10	TH9613-09		*Adjustment screw*	13
14	Bouchon de protection	DH3516-17		DH4420-17		DH5526-17		*Protection plug*	14
15	Aimant	EPP12-13		PAR-06-7		FES-16-3-9		*Magnet*	15
16	Vis	VITE-234 M2.5x6 DIN7991		VITE-233 M3x6 UNI5933				*Screw*	16
17	Vis	VITE-030 M5x12 DIN965A		VITE-054 M6x16 DIN965A				*Screw*	17
18	Vis sans tête	VITE-229 M3x3 DIN913		VITE-069 M5x5 DIN913		VITE-197 M5x4 DIN913		*Grub screw*	18
19	Vis	VITE-188 M3x10 UNI5933		VITE-305 M4x8 DIN7991		VITE-426 M4x12 UNI5933		*Screw*	19
20	Écrou	VITE-148 M3 DIN439B						*Nut*	20
21	Vis	VITE-014 M3x12 DIN912						*Screw*	21
22	Bille	SPINA-084 Ø2 DIN5401A				SPINA-092 Ø3 DIN5401A		*Ball*	22
23	Pion de détrompage	SPINA-084 Ø2 DIN5401A				SPINA-187 Ø1.5x5.8 DIN5402		*Dowel pin*	23
24	Pion de détrompage	SPINA-054 Ø3x14 DIN6325		SPINA-005 Ø2x10 DIN6325		SPINA-024 Ø2x12 DIN6325		*Dowel pin*	24
25	Bille	SPINA-084 Ø2 DIN5401A		SPINA-203 Ø4 DIN5401A				*Ball*	25
26	Pion de détrompage	SPINA-072 Ø5x24 DIN6325		SPINA-115 Ø5x36 DIN6325		SPINA-032 Ø6x40 DIN6325		*Dowel pin*	26
27	Joint torique	GUAR-172 1x2.5		GUAR-091 1x4		GUAR-087 1x5.5		*O-Ring*	27
28	Joint torique	GUAR-150H 2.62x29.82 HNBR		GUAR-201H 2.62x39.34		GUAR-160H 3.53x47.22		*O-Ring*	28
29	Joint torique	GUAR-037H 1.78x11.11		GUAR-007H 1.78x14		GUAR-034H 2.62x17.86		*O-Ring*	29
30	Joint torique	-		-		GUAR-047 1.78x12.42		*O-Ring*	30
31	Joint torique	GUAR-205 2x35		GUAR-028 1.78x44.17		GUAR-219 1.5x55		*O-Ring*	31
32	Douille	LP23-62		PQ5047-07				*Bush*	32
33	Douille	LP23-62		PQ5047-07		ZBH-12		*Bush*	33

Vue explosée
Exploded view

DH35...-NC
DH44...-NC
DH55...-NC

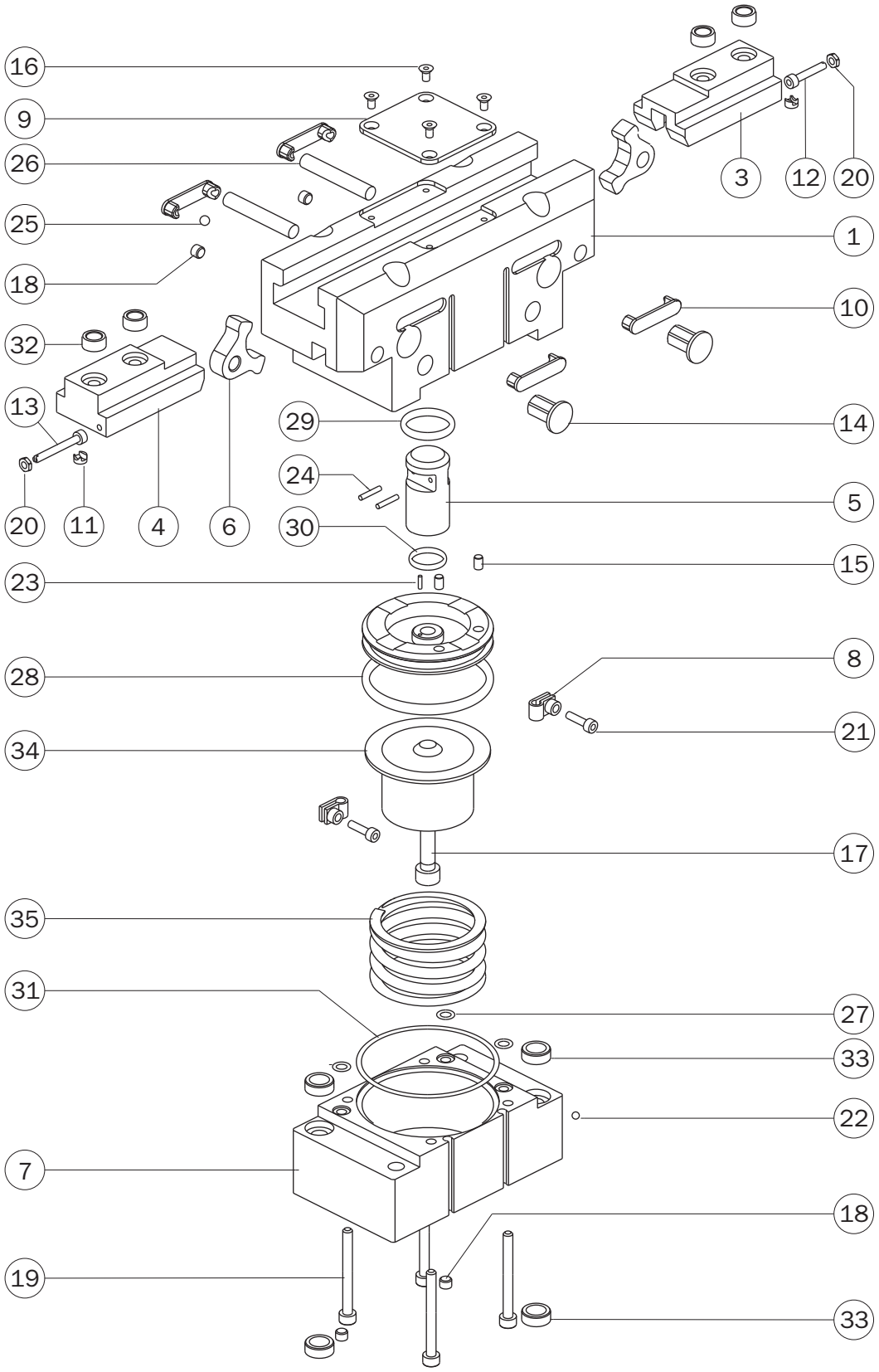


Liste des pièces
Part list

		DH3516-NC	DH3508-NC	DH4420-NC	DH4410-NC	DH5526-NC	DH5512-NC		
1	Corps de la pince	DH3516-01		DH4420-01		DH5526-01		*Gripper housing*	1
2	Piston	DH3516-02		DH4420-02		DH5526-02		*Piston*	2
3	Mâchoire droite	DH3516-03D		DH4420-03D		DH5526-03D		*Right jaw*	3
4	Mâchoire gauche	DH3516-03S		DH4420-03S		DH5526-03S		*Left jaw*	4
5	Tige	DH3516-10		DH4420-10		DH5526-10		*Piston rod*	5
6	Levier	DH3516-05	DH3508-05	DH4420-05	DH4410-05	DH5526-05	DH5512-05	*Lever*	6
7	Corps supplémentaire	DH3516-09		DH4420-09		DH5526-09		*Additional body*	7
8	Support pour capteurs inductifs	DH3516-07		DH3516-07		DH3516-07		*Inductive sensor holder*	8
9	Couvercle supérieur	DH3516-08		DH4420-08		DH5526-08		*Top cover*	9
10	Bouchon	DH3516-13		DH4420-13		DH5516-13		*Plug*	10
11	Entraîneur de capteur	DH3516-14						*Sensor activator*	11
12	Vis de réglage	TH5408-09		TH5408-09	TH5408-09	DH5526-14	DH5526-15	*Adjustment screw*	12
13	Vis de réglage	TH5408-10		TH7610-09	TH5408-10	TH9613-09		*Adjustment screw*	13
14	Bouchon de protection	DH3516-17		DH4420-17		DH5526-17		*Protection plug*	14
15	Aimant	EPP12-13		PAR-06-7		FES-16-3-9		*Magnet*	15
16	Vis	VITE-234 M2.5x6 DIN7991		VITE-233 M3x6 UNI5933				*Screw*	16
17	Vis	VITE-030 M5x12 DIN965A		VITE-054 M6x16 DIN965A				*Screw*	17
18	Vis sans tête	VITE-229 M3x3 DIN913		VITE-069 M5x5 DIN913		VITE-197 M5x4 DIN913		*Grub screw*	18
19	Vis	VITE-251 M3x25 DIN912		VITE-121 M4x30 DIN912		VITE-190 M4x40 DIN912		*Screw*	19
20	Écrou	VITE-148 M3 DIN439B						*Nut*	20
21	Vis	VITE-014 M3x12 DIN912						*Screw*	21
22	Bille	SPINA-084 Ø2 DIN5401A				SPINA-092 Ø3 DIN5401A		*Ball*	22
23	Pion de détrompage	SPINA-084 Ø2 DIN5401A				SPINA-187 Ø1.5x5.8 DIN5402		*Dowel pin*	23
24	Pion de détrompage	SPINA-054 Ø3x14 DIN6325		SPINA-005 Ø2x10 DIN6325		SPINA-024 Ø2x12 DIN6325		*Dowel pin*	24
25	Bille	SPINA-084 Ø2 DIN5401A		SPINA-203 Ø4 DIN5401A				*Ball*	25
26	Pion de détrompage	SPINA-072 Ø5x24 DIN6325		SPINA-115 Ø5x36 DIN6325		SPINA-032 Ø6x40 DIN6325		*Dowel pin*	26
27	Joint torique	GUAR-172 1x2.5		GUAR-091 1x4		GUAR-087 1x5.5		*O-Ring*	27
28	Joint torique	GUAR-150H 2.62x29.82 HNBR		GUAR-201H 2.62x39.34		GUAR-160H 3.53x47.22		*O-Ring*	28
29	Joint torique	GUAR-037H 1.78x11.11		GUAR-007H 1.78x14		GUAR-034H 2.62x17.86		*O-Ring*	29
30	Joint torique	-		-		GUAR-047 1.78x12.42		*O-Ring*	30
31	Joint torique	GUAR-205 2x35		GUAR-028 1.78x44.17		GUAR-219 1.5x55		*O-Ring*	31
32	Douille	LP23-62		PQ5047-07				*Bush*	32
33	Douille	LP23-62		PQ5047-07		ZBH-12		*Bush*	33
34	Entretoise - NC	DH3516-11		DH4420-11		DH5526-11		*Spacer -NC*	34
35	Ressort	DH3516-20		DH4420-20		DH5526-20		*Spring*	35

Vue explosée
Exploded view

DH35...-NO
DH44...-NO
DH55...-NO

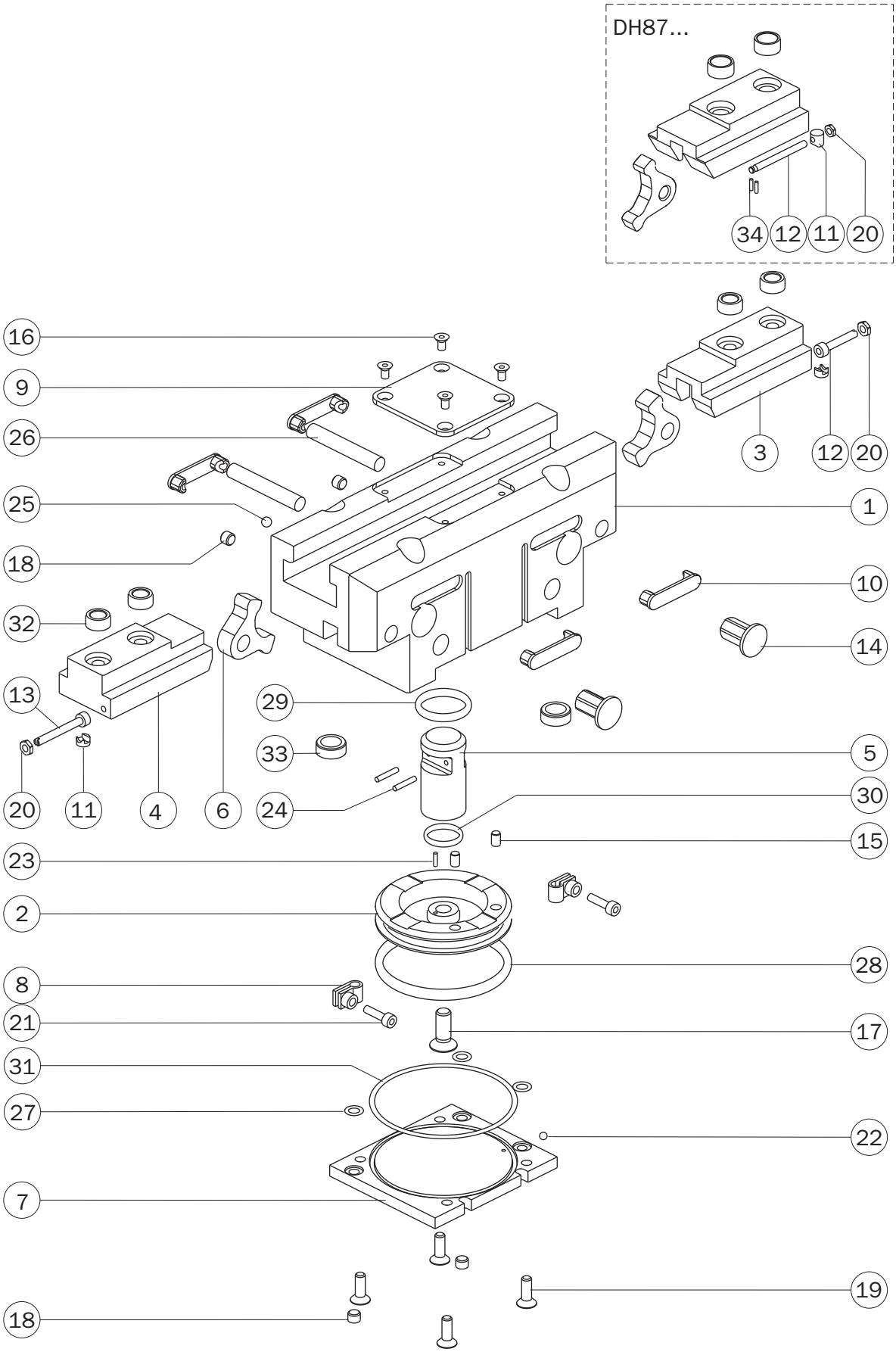


Liste des pièces
Part list

		DH3516-NO	DH3508-NO	DH4420-NO	DH4410-NO	DH5526-NO	DH5512-NO		
1	Corps de la pince	DH3516-01		DH4420-01		DH5526-01		*Gripper housing*	1
2	Piston	DH3516-02		DH4420-02		DH5526-02		*Piston*	2
3	Mâchoire droite	DH3516-03D		DH4420-03D		DH5526-03D		*Right jaw*	3
4	Mâchoire gauche	DH3516-03S		DH4420-03S		DH5526-03S		*Left jaw*	4
5	Tige	DH3516-04		DH4420-04		DH5526-04		*Piston rod*	5
6	Levier	DH3516-05	DH3508-05	DH4420-05	DH4410-05	DH5526-05	DH5512-05	*Lever*	6
7	Corps supplémentaire	DH3516-09		DH4420-09		DH5526-09		*Additional body*	7
8	Support pour capteurs inductifs	DH3516-07		DH3516-07		DH3516-07		*Inductive sensor holder*	8
9	Top cover	DH3516-08		DH4420-08		DH5526-08		*Top cover*	9
10	Bouchon	DH3516-13		DH4420-13		DH5516-13		*Plug*	10
11	Entraîneur de capteur	DH3516-14						*Sensor activator*	11
12	Vis de réglage	TH5408-09		TH5408-09	TH5408-09	DH5526-14	DH5526-15	*Adjustment screw*	12
13	Vis de réglage	TH5408-10		TH7610-09	TH5408-10	TH9613-09		*Adjustment screw*	13
14	Bouchon de protection	DH3516-17		DH4420-17		DH5526-17		*Protection plug*	14
15	Aimant	EPP12-13		PAR-06-7		FES-16-3-9		*Magnet*	15
16	Vis	VITE-234 M2.5x6 DIN7991		VITE-233 M3x6 UNI5933				*Screw*	16
17	Vis	VITE-065 M5x25 DIN912		VITE-192 M6x30 DIN912		VITE-355 M6x35 DIN912		*Screw*	17
18	Vis sans tête	VITE-229 M3x3 DIN913		VITE-069 M5x5 DIN913		VITE-197 M5x4 DIN913		*Grub screw*	18
19	Vis	VITE-251 M3x25 DIN912		VITE-121 M4x30 DIN912		VITE-190 M4x40 DIN912		*Screw*	19
20	Écrou	VITE-148 M3 DIN439B						*Nut*	20
21	Vis	VITE-014 M3x12 DIN912						*Screw*	21
22	Bille	SPINA-084 Ø2 DIN5401A				SPINA-092 Ø3 DIN5401A		*Ball*	22
23	Pion de détrompage	SPINA-084 Ø2 DIN5401A				SPINA-187 Ø1.5x5.8 DIN5402		*Dowel pin*	23
24	Pion de détrompage	SPINA-054 Ø3x14 DIN6325		SPINA-005 Ø2x10 DIN6325		SPINA-024 Ø2x12 DIN6325		*Dowel pin*	24
25	Bille	SPINA-084 Ø2 DIN5401A		SPINA-203 Ø4 DIN5401A				*Ball*	25
26	Pion de détrompage	SPINA-072 Ø5x24 DIN6325		SPINA-115 Ø5x36 DIN6325		SPINA-032 Ø6x40 DIN6325		*Dowel pin*	26
27	Joint torique	GUAR-172 1x2.5		GUAR-091 1x4		GUAR-087 1x5.5		*O-Ring*	27
28	Joint torique	GUAR-150H 2.62x29.82 HNBR		GUAR-201H 2.62x39.34		GUAR-160H 3.53x47.22		*O-Ring*	28
29	Joint torique	GUAR-037H 1.78x11.11		GUAR-007H 1.78x14		GUAR-034H 2.62x17.86		*O-Ring*	29
30	Joint torique	-		-		GUAR-047 1.78x12.42		*O-Ring*	30
31	Joint torique	GUAR-205 2x35		GUAR-028 1.78x44.17		GUAR-219 1.5x55		*O-Ring*	31
32	Douille	LP23-62		PQ5047-07				*Bush*	32
33	Douille	LP23-62		PQ5047-07		ZBH-12		*Bush*	33
34	Entretoise -NO	DH3516-12		DH4420-12		DH5526-12		*Spacer -NO*	34
35	Ressort	DH3516-21		DH4420-20		DH5526-20		*Spring*	35

Vue explosée
Exploded view

DH66
DH87

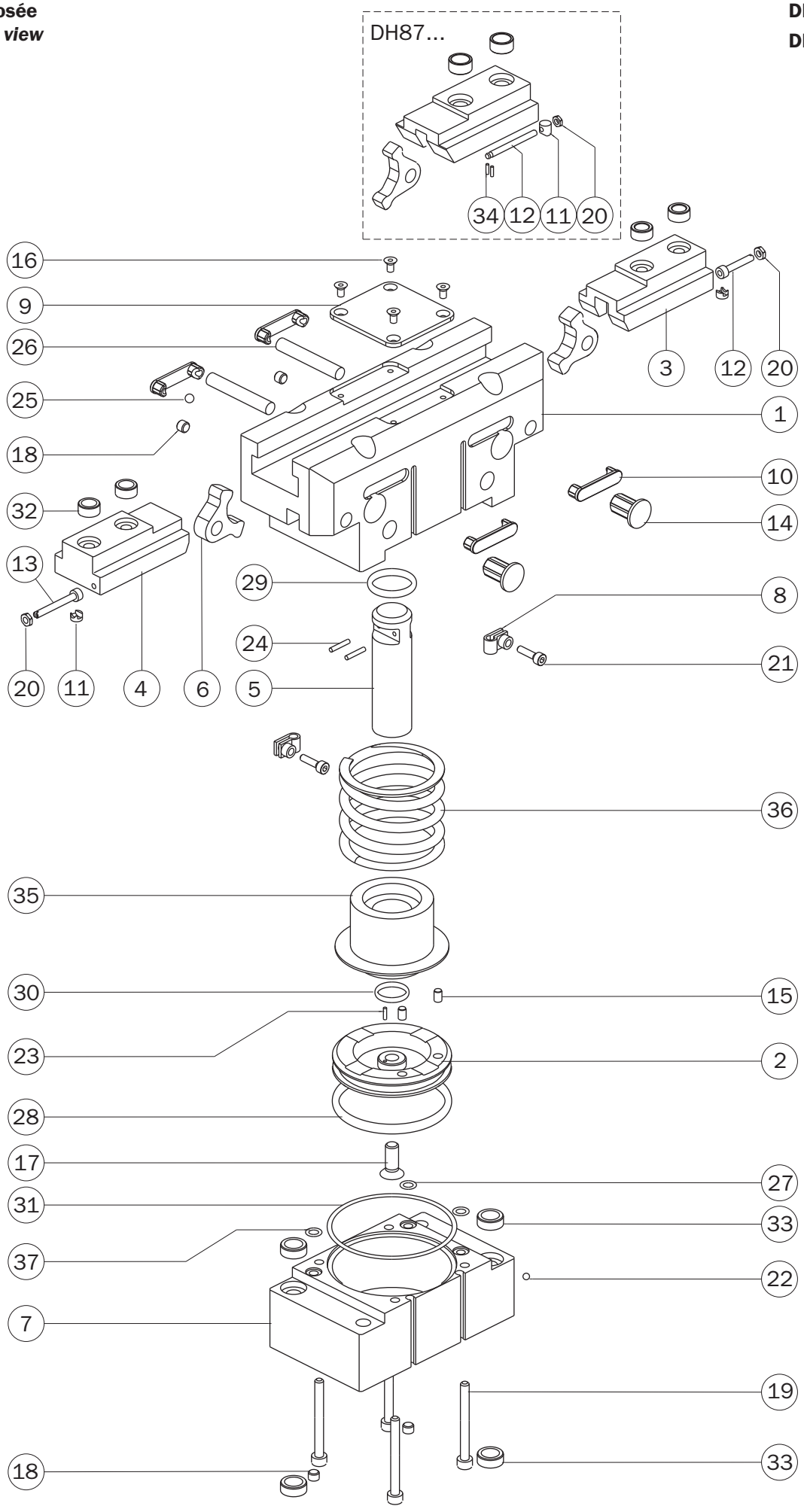


Liste des pièces
Part list

		DH6632	DH6616	DH8750	DH8728		
1	Corps de la pince	DH6632-01		DH8750-01		*Gripper housing*	*1*
2	Piston	DH6632-02		DH8750-02		*Piston*	*2*
3	Mâchoire droite	DH6632-03D		DH8750-03D		*Right jaw*	*3*
4	Mâchoire gauche	DH6632-03S		DH8750-03S		*Left jaw*	*4*
5	Tige	DH6632-04		DH8750-04		*Piston rod*	*5*
6	Levier	DH6632-05	DH6616-05	DH8750-05	DH8728-05	*Lever*	*6*
7	Bloc de fin de course	DH6632-06		DH8750-06		*Bottom end plate*	*7*
8	Support pour capteurs inductifs	DH3516-07		DH3516-07		*Inductive sensor holder*	*8*
9	Couvercle supérieur	DH6632-08		DH8750-08		*Top cover*	*9*
10	Bouchon	DH6632-13		DH8750-13		*Plug*	*10*
11	Entraîneur de capteur	DH3516-14		DH8750-18		*Sensor activator*	*11*
12	Vis de réglage	TH7610-09		DH8750-15		*Adjustment screw*	*12*
13	Vis de réglage	TH12516-10	TH9613-09	DH8750-15		*Adjustment screw*	*13*
14	Protection plug	DH6632-17		DH8750-17		*Protection plug*	*14*
15	Aimant	R63-180-20		FES-16-3-9		*Magnet*	*15*
16	Vis	VITE-233 M3x6 UNI5933		VITE-306 M3x8 UNI5933		*Screw*	*16*
17	Vis	VITE-328 M8x20 DIN7991		VITE-440 M8x25 DIN7991		*Screw*	*17*
18	Vis sans tête	VITE-069 M5x5 DIN913				*Grub screw*	*18*
19	Vis	VITE-290 M5x12 DIN7991		VITE-430 M5x12 DIN5933		*Screw*	*19*
20	Écrou	VITE-148 M3 DIN439B		VITE-134 M4 DIN439B		*Nut*	*20*
21	Vis	VITE-014 M3x12 DIN912				*Screw*	*21*
22	Bille	SPINA-084 Ø2 DIN5401A		-		*Ball*	*22*
23	Pion de détrompage	SPINA-005 Ø2x10 DIN6325				*Dowel pin*	*23*
24	Pion de détrompage	SPINA-009 Ø2x16 DIN6325		SPINA-002 Ø3x20 DIN6325		*Dowel pin*	*24*
25	Bille	SPINA-203 Ø4 DIN5401A				*Ball*	*25*
26	Pion de détrompage	SPINA-029 Ø8x40 DIN6325		SPINA-211 Ø8x55 DIN6325		*Dowel pin*	*26*
27	Joint torique	GUAR-021 1x5		-		*O-Ring*	*27*
28	Joint torique	GUAR-197H 3.53x59.92		GUAR-198H 3.53x78.97		*O-Ring*	*28*
29	Joint torique	GUAR-032H 2.62x21.89		GUAR-199H 2.5x26		*O-Ring*	*29*
30	Joint torique	GUAR-023 1.78x15.6		GUAR-052 1.78x20.35		*O-Ring*	*30*
31	Joint torique	GUAR-075 1.78x15.6		GUAR-200 1.78x94.97		*O-Ring*	*31*
32	Douille	TH12516-09		DH8750-14		*Bush*	*32*
33	Douille	ZBH-12		TH12516-09		*Bush*	*33*
34	Pion de détrompage	-		SPINA-020 Ø2x8 DIN6325		*Dowel pin*	*34*

Vue explosée
Exploded view

DH66...-NC
DH87...-NC

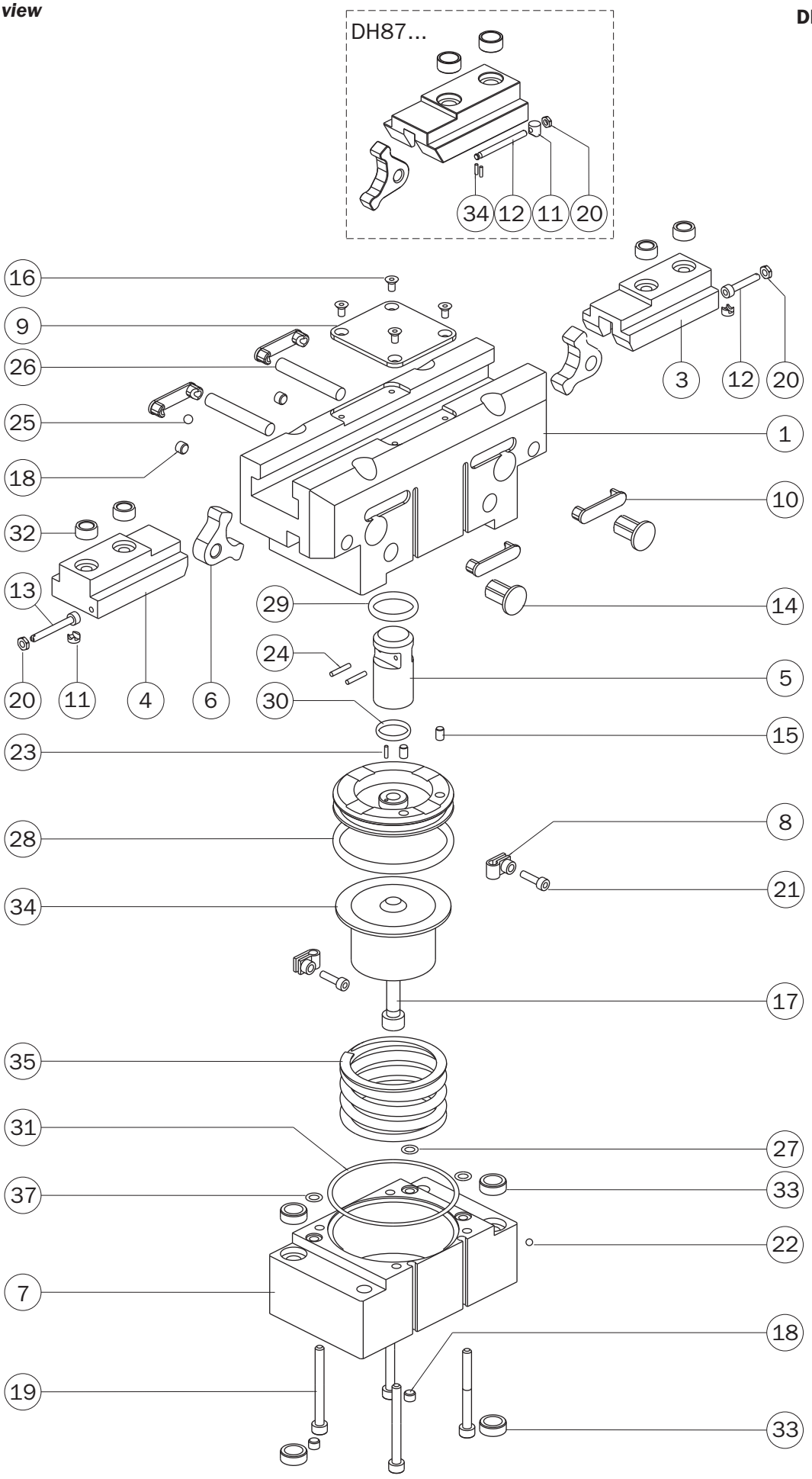


Liste des pièces
Part list

		DH6632-NC	DH6616-NC	DH8750-NC	DH8728-NC		
1	Corps de la pince	DH6632-01		DH8750-01		*Gripper housing*	*1*
2	Piston	DH6632-02		DH8750-02		*Piston*	*2*
3	Mâchoire droite	DH6632-03D		DH8750-03D		*Right jaw*	*3*
4	Mâchoire gauche	DH6632-03S		DH8750-03S		*Left jaw*	*4*
5	Tige	DH6632-10		DH8750-10		*Piston rod*	*5*
6	Levier	DH6632-05		DH8750-05	DH8728-05	*Lever*	*6*
7	Corps supplémentaire	DH6632-09		DH8750-09		*Additional body*	*7*
8	Support pour capteurs inductifs	DH3516-07		DH3516-07		*Inductive sensor holder*	*8*
9	Couvercle supérieur	DH6632-08		DH8750-08		*Top cover*	*9*
10	Bouchon	DH6632-13		DH8750-13		*Plug*	*10*
11	Entraîneur de capteur	DH3516-14		DH8750-18		*Sensor activator*	*11*
12	Vis de réglage	TH7610-09		DH8750-15		*Adjustment screw*	*12*
13	Vis de réglage	TH12516-10	TH9613-09	DH8750-15		*Adjustment screw*	*13*
14	Protection plug	DH6632-17		DH8750-17		*Protection plug*	*14*
15	Aimant	R63-180-20		FES-16-3-9		*Magnet*	*15*
16	Vis	VITE-233 M3x6 UNI5933		VITE-306 M3x8 UNI5933		*Screw*	*16*
17	Vis	VITE-328 M8x20 DIN7991		VITE-440 M8x25 DIN7991		*Screw*	*17*
18	Vis sans tête	VITE-069 M5x5 DIN913				*Grub screw*	*18*
19	Vis	VITE-439 M5x50 DIN7991		VITE-381 M5x60 DIN912		*Screw*	*19*
20	Écrou	VITE-148 M3 DIN439B		VITE-134 M4 DIN439B		*Nut*	*20*
21	Vis	VITE-014 M3x12 DIN912				*Screw*	*21*
22	Bille	SPINA-084 Ø2 DIN5401A		-		*Ball*	*22*
23	Pion de détrompage	SPINA-005 Ø2x10 DIN6325				*Dowel pin*	*23*
24	Pion de détrompage	SPINA-009 Ø2x16 DIN6325		SPINA-002 Ø3x20 DIN6325		*Dowel pin*	*24*
25	Bille	SPINA-203 Ø4 DIN5401A				*Ball*	*25*
26	Pion de détrompage	SPINA-029 Ø8x40 DIN6325		SPINA-211 Ø8x55 DIN6325		*Dowel pin*	*26*
27	Joint torique	GUAR-021 1x5		GUAR-091 1x4		*O-Ring*	*27*
28	Joint torique	GUAR-197H 3.53x59.92		GUAR-198H 3.53x78.97		*O-Ring*	*28*
29	Joint torique	GUAR-032H 2.62x21.89		GUAR-199H 2.5x26		*O-Ring*	*29*
30	Joint torique	GUAR-023 1.78x15.6		GUAR-052 1.78x20.35		*O-Ring*	*30*
31	Joint torique	GUAR-075 1.78x15.6		GUAR-200 1.78x94.97		*O-Ring*	*31*
32	Douille	TH12516-09		DH8750-14		*Bush*	*32*
33	Douille	ZBH-12		TH12516-09		*Bush*	*33*
34	Pion de détrompage	-		SPINA-020 Ø2x8 DIN6325		*Dowel pin*	*34*
35	Entretoise - NC	DH6632-11		DH8750-11		*Spacer -NC*	*35*
36	Ressort	DH6632-20		DH8750-20 DH8750-21		*Spring*	*36*
37	Joint torique	-		GUAR-098 1x6		*O-Ring*	*37*

Vue explosée
Exploded view

DH66...-NO
DH87...-NO



Liste des pièces
Part list

		DH6632-NO	DH6616-NO	DH8750-NO	DH8728-NO		
1	Corps de la pince	DH6632-01		DH8750-01		*Gripper housing*	*1*
2	Piston	DH6632-02		DH8750-02		*Piston*	*2*
3	Mâchoire droite	DH6632-03D		DH8750-03D		*Right jaw*	*3*
4	Mâchoire gauche	DH6632-03S		DH8750-03S		*Left jaw*	*4*
5	Tige	DH6632-04		DH8750-04		*Piston rod*	*5*
6	Levier	DH6632-05		DH8750-05	DH8728-05	*Lever*	*6*
7	Corps supplémentaire	DH6632-09		DH8750-09		*Additional body*	*7*
8	Support pour capteurs inductifs	DH3516-07		DH3516-07		*Inductive sensor holder*	*8*
9	Couvercle supérieur	DH6632-08		DH8750-08		*Top cover*	*9*
10	Bouchon	DH6632-13		DH8750-13		*Plug*	*10*
11	Entraîneur de capteur	DH3516-14		DH8750-18		*Sensor activator*	*11*
12	Vis de réglage	TH7610-09		DH8750-15		*Adjustment screw*	*12*
13	Vis de réglage	TH12516-10	TH9613-09	DH8750-15		*Adjustment screw*	*13*
14	Bouchon de protection	DH6632-17		DH8750-17		*Protection plug*	*14*
15	Aimant	R63-180-20		FES-16-3-9		*Magnet*	*15*
16	Vis	VITE-233 M3x6 UNI5933		VITE-306 M3x8 UNI5933		*Screw*	*16*
17	Vis	VITE-384 M8x30 DIN912		VITE-208 M8x40 DIN912		*Screw*	*17*
18	Vis sans tête	VITE-069 M5x5 DIN913				*Grub screw*	*18*
19	Vis	VITE-439 M5x50 DIN7991		VITE-381 M5x60 DIN912		*Screw*	*19*
20	Écrou	VITE-148 M3 DIN439B		VITE-134 M4 DIN439B		*Nut*	*20*
21	Vis	VITE-014 M3x12 DIN912				*Screw*	*21*
22	Bille	SPINA-084 Ø2 DIN5401A		-		*Ball*	*22*
23	Pion de détrompage	SPINA-005 Ø2x10 DIN6325				*Dowel pin*	*23*
24	Pion de détrompage	SPINA-009 Ø2x16 DIN6325		SPINA-002 Ø3x20 DIN6325		*Dowel pin*	*24*
25	Bille	SPINA-203 Ø4 DIN5401A				*Ball*	*25*
26	Pion de détrompage	SPINA-029 Ø8x40 DIN6325		SPINA-211 Ø8x55 DIN6325		*Dowel pin*	*26*
27	Joint torique	GUAR-021 1x5		GUAR-091 1x4		*O-Ring*	*27*
28	Joint torique	GUAR-197H 3.53x59.92		GUAR-198H 3.53x78.97		*O-Ring*	*28*
29	Joint torique	GUAR-032H 2.62x21.89		GUAR-199H 2.5x26		*O-Ring*	*29*
30	Joint torique	GUAR-023 1.78x15.6		GUAR-052 1.78x20.35		*O-Ring*	*30*
31	Joint torique	GUAR-075 1.78x15.6		GUAR-200 1.78x94.97		*O-Ring*	*31*
32	Douille	TH12516-09		DH8750-14		*Bush*	*32*
33	Douille	ZBH-12		TH12516-09		*Bush*	*33*
34	Pion de détrompage	-		SPINA-020 Ø2x8 DIN6325		*Dowel pin*	*34*
35	Entretoise -NO	DH6632-12		DH8750-12		*Spacer -NO*	*35*
36	Ressort	DH6632-20		DH8750-20 DH8750-21		*Spring*	*36*
37	Joint torique	-		GUAR-098 1x6		*O-Ring*	*37*