

**Kifix**  
GROUP  
GROUPE

# CATALOGUE KIFIX

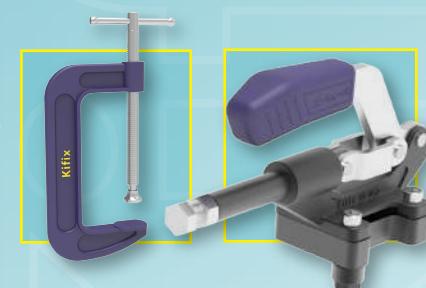
# KIFIX

# CATALOG

NOUVEAUTÉS  
**NEW RELEASES**

"C" AND "F" CLAMPS  
ADAPTERS FOR WELDING TABLES

SERRES JOINTS C ET F  
ADAPTATEURS POUR TABLES DE SOUDAGE



2004  
2022  
SINCE  
DEPUIS 2004

# THE KIFIX

Headquartered in Caxias do Sul, in the state of Rio Grande do Sul, our company has been dedicated to manufacturing toggle clamps since 2004. We offer more than 700 high quality products, serving various industrial sectors, such as tool shops, metalworks, metallurgical industries , furniture, chemical, cosmetic, food, automobile, auto parts, among others.

In 2022, we expanded our operations by introducing the laser cutting service, taking advantage of the opportunity provided by the acquisition of a machine with advanced technology. Initially focused on cutting parts for our clamps, we realized the potential of this service and, in 2022, we established a dedicated sector to run our second business unit.

The following year, in 2023, we evolved into a business group by incorporating another business unit. This expansion was achieved through the distribution of Siegmund in Brazil, a world-renowned German company in the manufacture of welding tables and accessories. As official distributors in Brazil, through Kifix Tools, we consolidate our presence in the market by offering high quality products, agility and specialized solutions for your process.

# KIFIX

Basée à Caxias do Sul, dans l'État du Rio Grande do Sul, notre entreprise se consacre à la fabrication de sauterelles de bridage depuis 2004. Nous proposons plus de 700 produits de haute qualité, destinés à divers secteurs industriels, tels que les ateliers d'outillage, les usines métallurgiques, les industries du meuble, de la chimie, des cosmétiques, de l'alimentation, de l'automobile et des pièces détachées, entre autres.

En 2022, nous avons élargi nos activités en introduisant le service de découpe au laser, profitant de l'opportunité offerte par l'acquisition d'une machine à la technologie avancée. Initialement axé sur la découpe de pièces pour nos pinces, nous avons réalisé le potentiel de ce service et, en 2022, nous avons créé un secteur dédié pour gérer notre deuxième unité commerciale.

L'année suivante, en 2023, nous nous sommes transformés en groupe d'entreprises en incorporant une autre unité commerciale. Cette expansion a été réalisée grâce à la distribution de Siegmund au Brésil, une entreprise allemande de renommée mondiale spécialisée dans la fabrication de tables de soudage et d'accessoires. En tant que distributeurs officiels au Brésil, par l'intermédiaire de Kifix Tools, nous consolidons notre présence sur le marché en offrant des produits de haute qualité, de l'agilité et des solutions spécialisées pour votre processus.



\*\*The images in this catalog are illustrative and serve to identify the product. Kifix reserves the right to change without prior notice.

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## 06 Vertical Hold-Down Toggle Clamp

pag 06 Sauterelles à serrage vertical

KF-718  
KF-631  
KF 010 / KF-012 / KF-017 / KF-018 / KF-016 / KF-011 / KF-111  
KF-017 T  
KF-010F / KF-012F / KF-019 / KF-211 / KF-311 / KF-411  
KF-615 / KF-616 / KF-641 / KF-066 / KF-845 / KF-875  
KF-017 DS A / KF-011 DS A / KF-011 DS A JD / KF-111 DS A  
KF-211 DS A / KF-311 DS A / KF-411 DS A  
KF-MP / KF-JD  
KF-725 / KF-825  
KFU

## 17 Horizontal Hold-Down Toggle Clamp

pag 17 Sauterelles à serrage horizontal

KF-105 / KF-106 / KF-107 / KF-152 / KF-732 / KF-511 / KF-512 / KF-521 / KF-522 / KF-532 / KF-534  
KF-106 F / KF-107 F / KF-152 F / KF-312 F / KF-522 F / KF-531 F  
KF-531 / KF-541 / KF-312 / KF-712 / KF-523 / KF-722 / KF-533  
KF-102 / KF-101 / KF-103 / KF-104 / KF-515

## 24 Reinforced Horizontal Clamp

pag 24 Sauterelles horizontale renforcées

KF-524 D / KF-525 D / KF-527 D / KF-528 D

## 25 Pull Action Latch Clamp

pag 25 Sauterelles à crochet

KF-310 / KF-314 / KF-326 / KF-320  
KF-233 / KF-643 / KF-743 / KF-133 / KF-843 / KF-943 / KF-143  
KF-033 / KF-353 / KF-153 / KF-453 / KF-553  
KF-063 / KF-163 / KF-263 / KF-423 / KF-433 / KF-443 / TKF-473  
KF-330 / KF-350 / KF-340 / KF-375 / KF-385  
KFC3 / KFC4 / KFC5

## 31 Pull Action Latch Clamp with Strap

pag 31 Sauterelles sangle à crochet

KF-233 CT / KF-743 CT / KF-843 CT

## 32 Straight Line Action Clamp

pag 32 Sauterelles poussoir

KF-305 / KF-405 / KF-505 / KF-605 / KF-067  
KF-061 / KF-057 / KF-051 / KF-054 / KF-053 / KF-052 / KF-056

## 34 Straight Line Action Clamp with Handle

pag 34 Sauterelles poussoir à poignée

KF-025 AL / KF-057 AL / KF-054 AL / KF-053 AL / KF-052 / KF-056

## 35 Straight Line Action Clamp with Turning

pag 35 Sauterelles poussoir à rotation

KF-007 G

## 36 Straight Line Action Clamp Frontal

pag 36 Sauterelles poussoir à fixation avant

KF-005 / KF-006 / KF-007 / KF-009 / KF-015 / KF-025 / KF-035  
BASES "L" for Straight Line Action Frontal / déplacement axial avec fixation frontale

## 37 Straight Line Action Clamp Square Plunger

pag 37 Sauterelle poussoir à piston carré

KFKT-012

### **38 Double Clamps**

**Sauterelles d'angle**

KF-686 D / KF-687 D / KF-686 H

### **39 Variable Stroke**

**Sauterelles poussoir à course variable**

KFRL / KFRF

### **39 Handles**

**Poignées**

KFM-6 / KFM-8 / KFM-10 / KFM12 / KFM-16

### **40 Carver Clamp**

**Serres joints Carver**

KFS-150 / KFS-300

### **40 Compressor Clamp**

**Serres joints à compression**

KF-035 34 / KF-035 60 / KF-035 3660 / KF-035 100

### **41 Pneumatic Clamp**

**Sauterelles pneumatiques**

KF-012 P / KF-017 P / KF-011 P / KF-111 P

KF-057 P / KF-052 P / KF-066 P

KF-019 P / KF-311 P / KF-411 P

KF-718 P

### **44 Power Clamp**

**Sauterelles pneumatiques série lourde**

KFP-L40 / KFP-L63

### **45 Hinges and Latch**

**Charnières et loquets**

KFD-14 / KFD 19

KFT-10 / KFT-14

### **45 Squeeze Action Clamp**

**Pinces étau**

KFA-300

KF-325 / KFA-25 / KFA-35 / KFA-45 / KFA-70 / KFA-90 / KFA-100 / KFA-150

### **47 Handle**

**Broches de serrage**

KF-AL

### **47 Spindle**

**Broches**

PC / PF

PP / PS / PSB / PA / ARP / ARB / PB / BRP / BRB / BAP / PBC / BRPC

PSD / PBD

### **50 Adapters for Welding Tables**

**Adaptateurs pour tables de soudage**

MS BE / MS FU / MS BV / MS BH / KFA MS / KFA L MS

### **54 "C" and "F" Clamps**

**Serres joints C et F**

KFSG / KFSR / KFSC

# MECHANISM MÉCANISME

The toggle clamping system has received various designations over time, for example: Clip, manual press, fastener, clamp (CLAMP -USA).

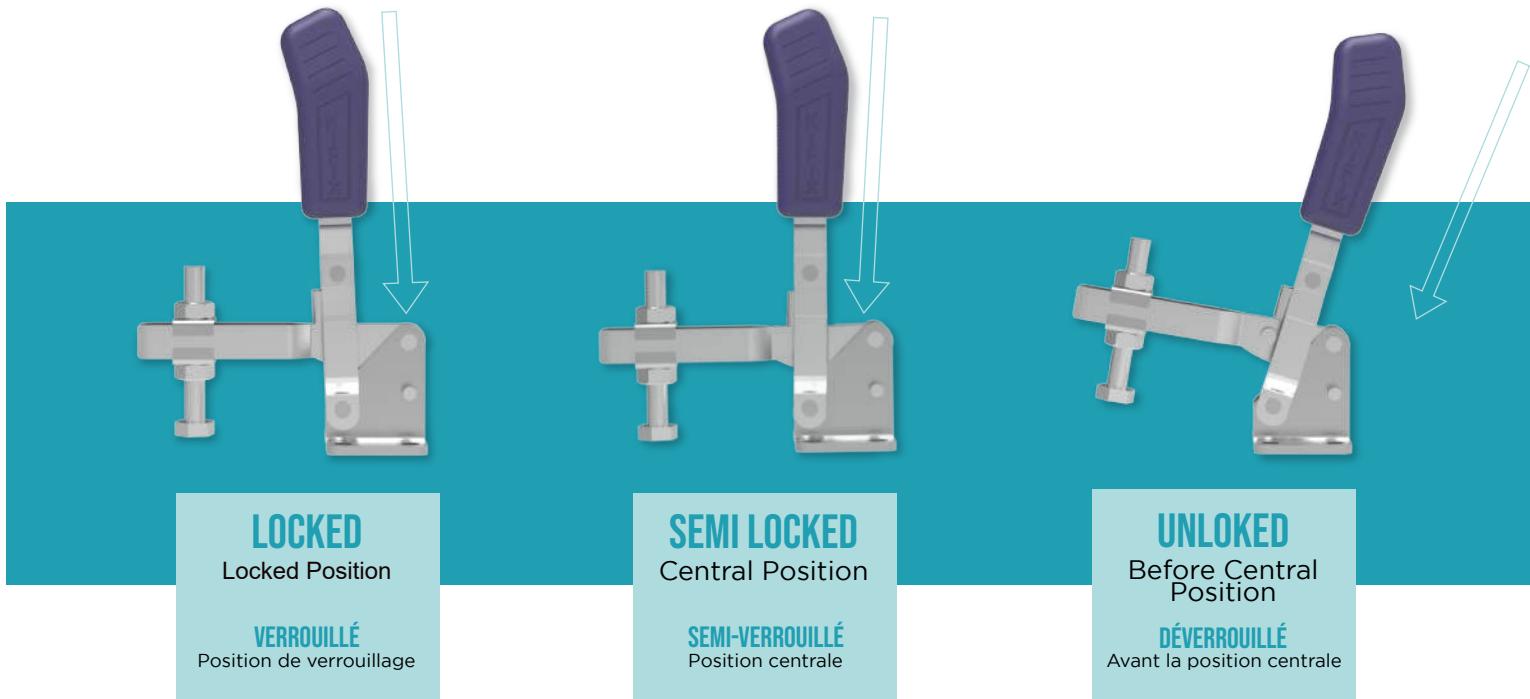
This mechanism consists of a three-point joint known as "knee or elbow action", which provides a mechanical lock (see figure below) that generates a retaining force contrary to the applied force, which is released only if actuated purposefully.

In order to avoid random unlocking, we also offer quick coupling clamps with safety locks.

Le système de serrage rapide a reçu diverses appellations au fil du temps, par exemple : Clip, presse manuelle, attache, pince (CLAMP -USA).

Ce mécanisme consiste en une articulation à trois points, appelée "système grenouillère", qui fournit un verrouillage mécanique (voir figure ci-dessous) générant une force de serrage en réaction à la force appliquée, qui n'est libérée que si elle est actionnée délibérément.

Afin d'éviter un déverrouillage aléatoire, nous proposons également des colliers de serrage rapide dotés de verrous de sécurité.



## RETENTION FORCE FORCE DE RÉTENTION

The retention force is proportional to the distance of the turning point (A) to the point of attachment of the tip (B / C).

The greater the distance between point A and the point of attachment of the tip, the least the retention force.

The retention force is proportional to the distance of the turning point (A) to the point of attachment of the tip (B / C).

Distance AC: 135mm F1  
(specified in the catalog) = 680 Kgf

Distance AB: 90mm F2 = 680 x AC / AB = 680 x 135 / 90 = 1.020 Kgf.

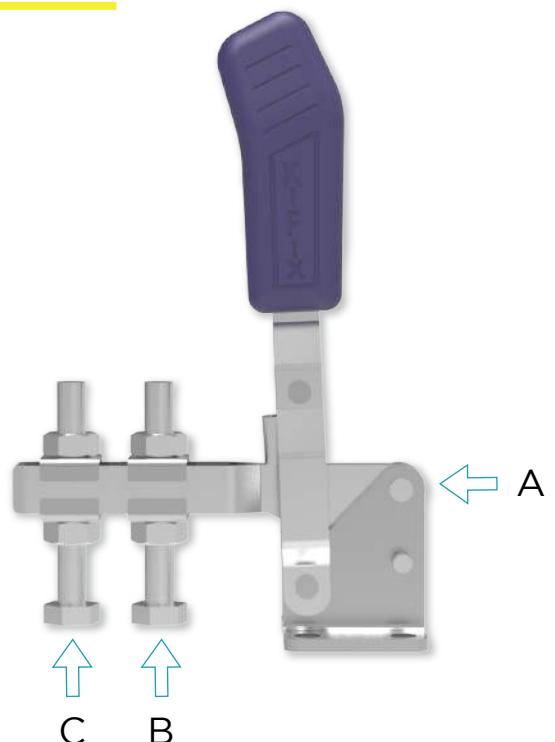
La force de rétention est proportionnelle à la distance entre le point de rotation (A) et le point d'attache de la pointe (B / C).

Plus la distance entre le point A et le point d'attache de la pointe est grande, plus la force de rétention est faible.

La force de rétention est proportionnelle à la distance entre le point de rotation (A) et le point d'attache de la pointe (B / C).

Distance AC : 135mm F1 (spécifié dans le catalogue) = 680 Kgf

Distance AB : 90mm F2 = 680 x AC / AB = 680 x 135 / 90 = 1.020 Kgf.



# CABLE COLORS COULEURS DES MANCHES

We have color options for the clamp cables, blue (standard color), black, red, orange and green. And for handle model cables we have the colors blue (standard), black and red.

Nous avons des options de couleur pour les manches des sauterelles, bleu (couleur standard), noir, rouge, orange et vert. Et pour les sauterelles à poignée, nous avons les couleurs bleu (standard), noir et rouge.



# SPECIAL PROJECTS PROJETS SPÉCIAUX

We work with the development of new projects or adaptation of existing products, according to the client's needs, being able to elaborate something specific for each business.

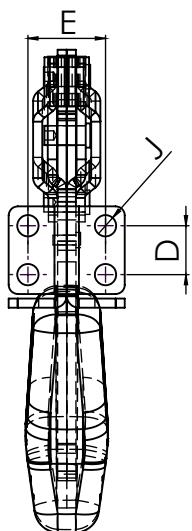
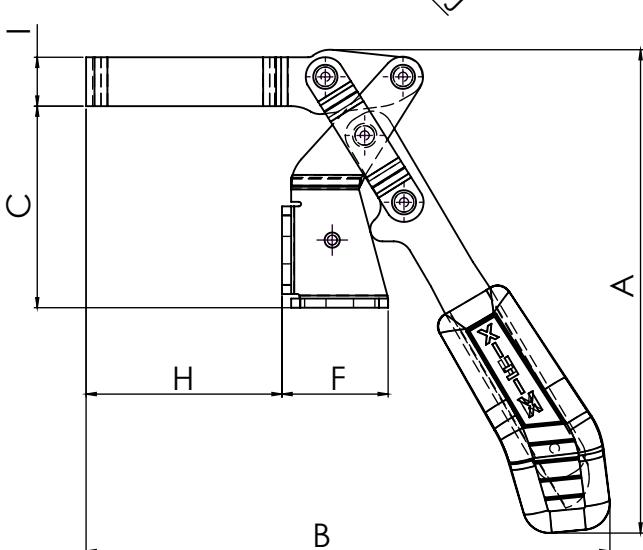
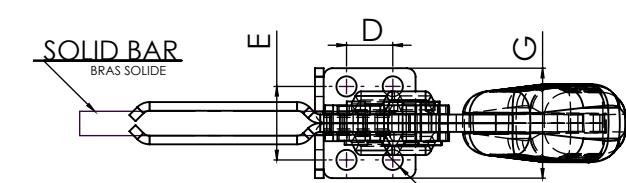
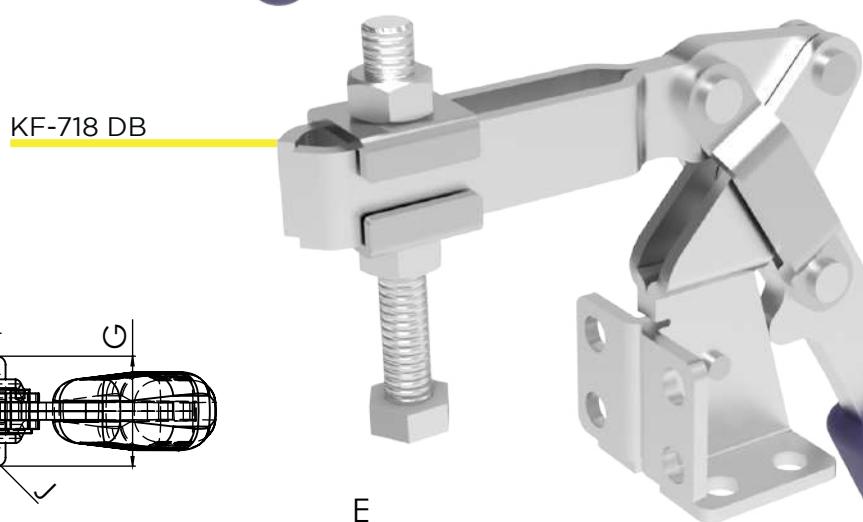
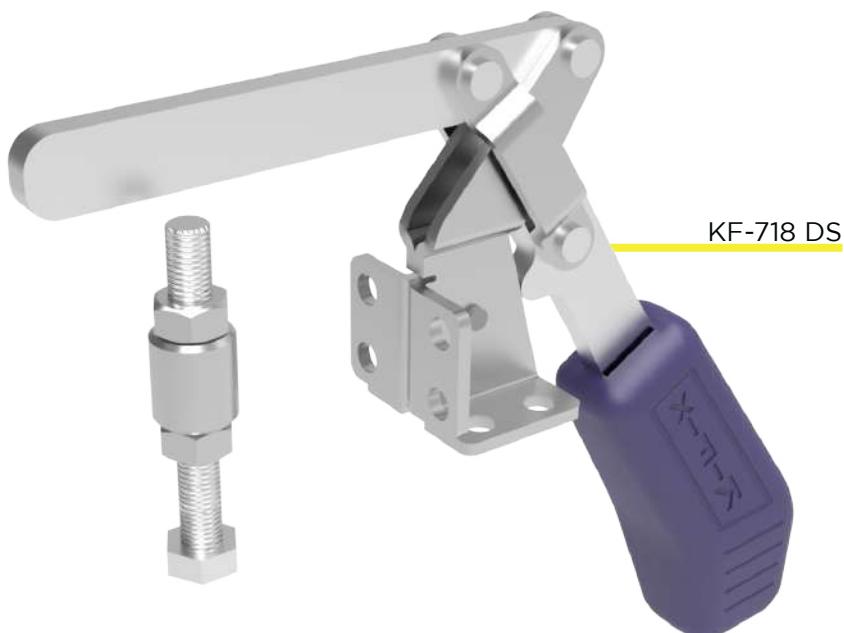
Nous travaillons au développement de nouveaux projets ou à l'adaptation de produits existants, en fonction des besoins du client, en étant capables d'élaborer des produits spécifiques pour chaque entreprise.



# VERTICAL HOLD-DOWN TOGGLE CLAMP

**KF-718 DS**

SAUTERELLES À SERRAGE VERTICAL



**BASES**  
D - Flanged Base  
R - Straight Base

**BASES**  
D - Base à plat  
R - Base verticale

**HASTES**  
B - U-Bar  
S - Solid Bar

**BRAS**  
B - En U  
S - Barre pleine

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	I (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Broche	Angle d'ouverture	Poids
KF-718 DB	170 (374)	158.3 (6.23)	171.5 (6.75)	66 (2,60)	16 (0,63)	25.4 (1,00)	35 (1,38)	38 (1,50)	64 (2,52)	16 (0,63)	7,0 (0,28)	M8	185	0,500 (1,100)
KF-718 DS	170 (374)	170,6 (6,72)	198,3 (7,81)	66 (2,60)	16 (0,63)	25,4 (1,00)	35 (1,38)	38 (1,50)	82 (3,23)	16 (0,63)	7,0 (0,28)	M8	185	0,520 (1,144)

# VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE VERTICAL

KF-016 RS



KF-018 DB TR



KF-10 DB



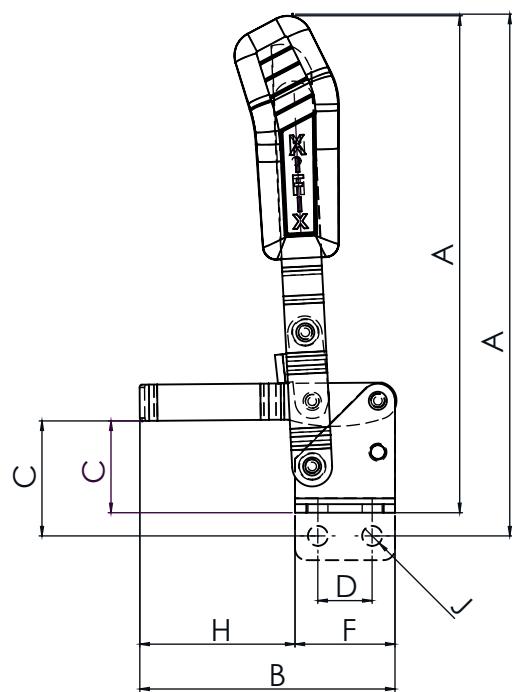
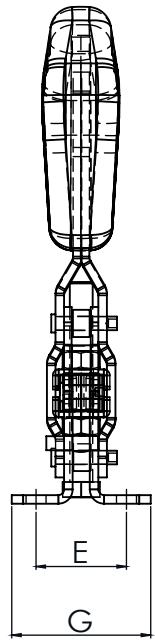
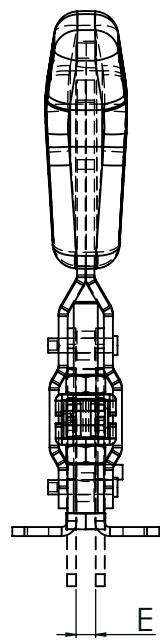
KF-017 DBL



KF-111 RBL



KF-18 DS



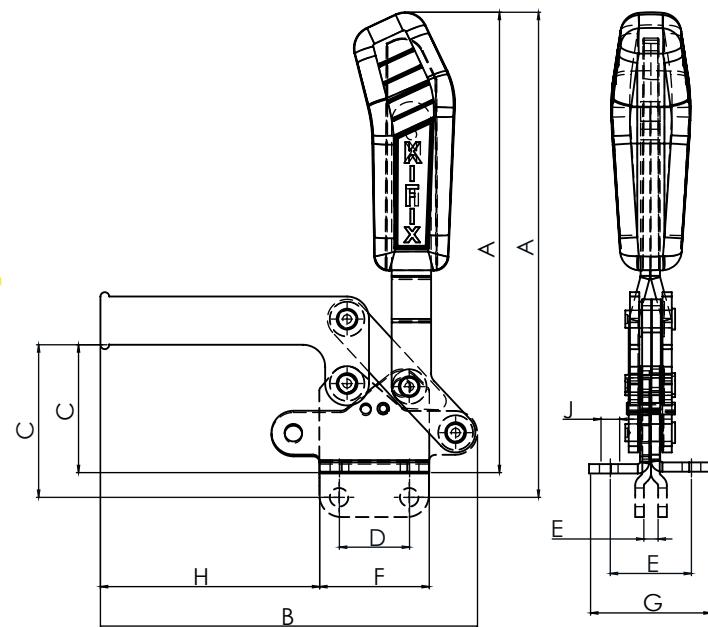


# VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE VERTICAL



KF-631 DI TR



KF-631 DIL



KF-631 RL

**BASES**  
D - Base à plat  
R - Base verticale

**BASES**  
D - Flanged base  
R - Straight Base

**BRAS**  
B - Bifurqué  
S - Barre pleine  
L - Barre en U  
longue  
I - Inversé

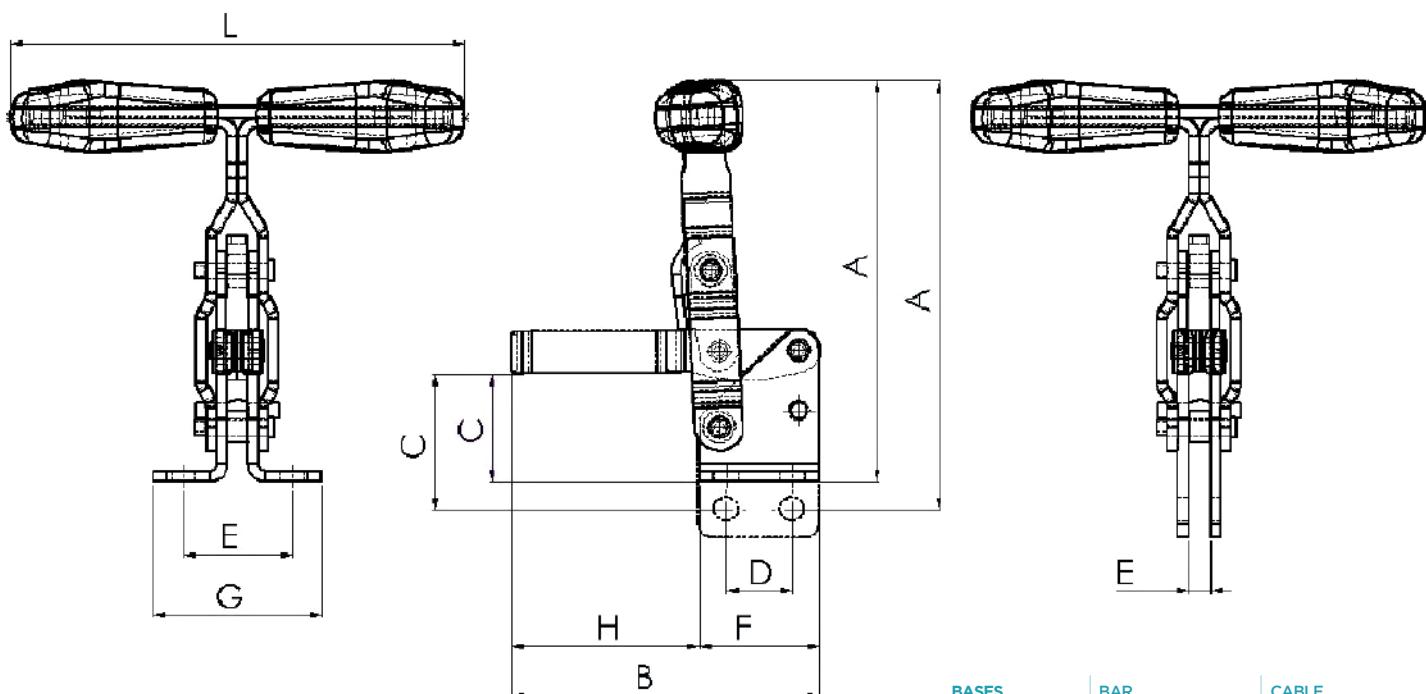
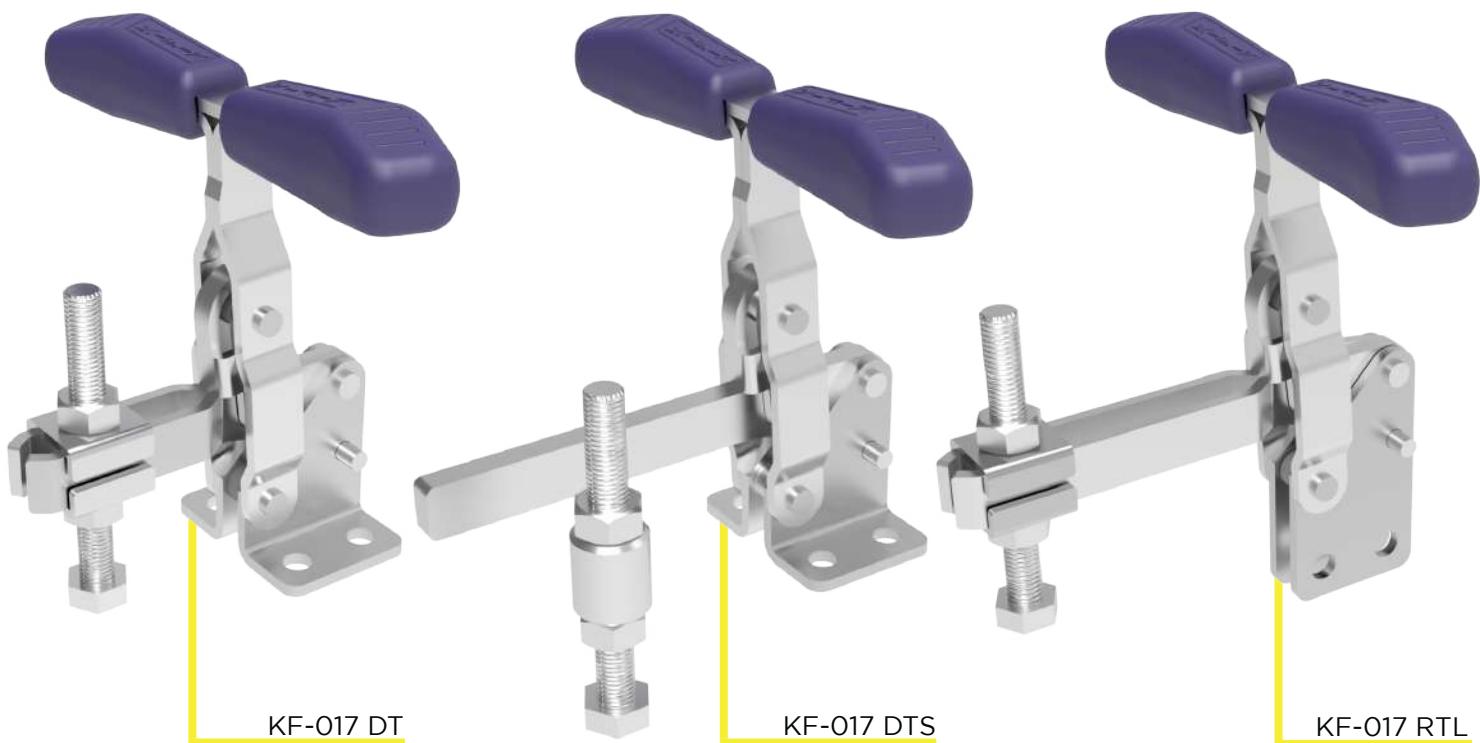
**POIGNÉE**  
T - Poignée en "T"

TR - Blocage

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)												Poids
KF-631 D	400 (880)	189 (7,44)	129 (5,08)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	85 (0,33)	M10	85	0,92
KF-631 D TR	400 (880)	204 (8,03)	129 (5,08)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	85	1,05
KF-631 DI	400 (880)	189 (7,44)	129 (5,08)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	85	0,92
KF-631 DI TR	400 (880)	204 (8,03)	129 (5,08)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	85	1,05
KF-631 R	400 (880)	201 (7,91)	129 (5,08)	40 (1,57)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	85	0,92
KF-631 R TR	400 (880)	216 (8,50)	129 (5,08)	40 (1,57)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	85	1,05
KF-631 RI	400 (880)	201 (7,91)	129 (5,08)	68 (2,68)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	85	0,92
KF-631 RI TR	400 (880)	216 (8,50)	129 (5,08)	68 (2,68)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	85	1,05
KF-631 DL	300 (660)	189 (7,44)	172 (6,77)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	85	0,98
KF-631 DL TR	300 (660)	204 (8,03)	172 (6,77)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	85	1,11
KF-631 DIL	300 (660)	189 (7,44)	172 (6,77)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	85	0,98
KF-631 DIL TR	300 (660)	204 (8,03)	172 (6,77)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	85	1,11
KF-631 RL	300 (660)	201 (7,91)	172 (6,77)	40 (1,57)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	85	0,98
KF-631 RL TR	300 (660)	216 (8,50)	172 (6,77)	40 (1,57)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	85	1,11
KF-631 RIL	300 (660)	201 (7,91)	172 (6,77)	68 (2,68)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	85	0,98
KF-631 RIL TR	300 (660)	216 (8,50)	172 (6,77)	68 (2,68)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	85	1,11

# VERTICAL HOLD-DOWN TOGGLE CLAMP

**SAUTERELLES À SERRAGE VERTICAL**



**BASES**  
D - Flanged base  
R - Straight Base

**BAR**  
S - Solid Bar  
L - Long U-Bar

**CABLE**  
T - Cable "T"

**BASES**  
D - Base à plat  
R - Base verticale

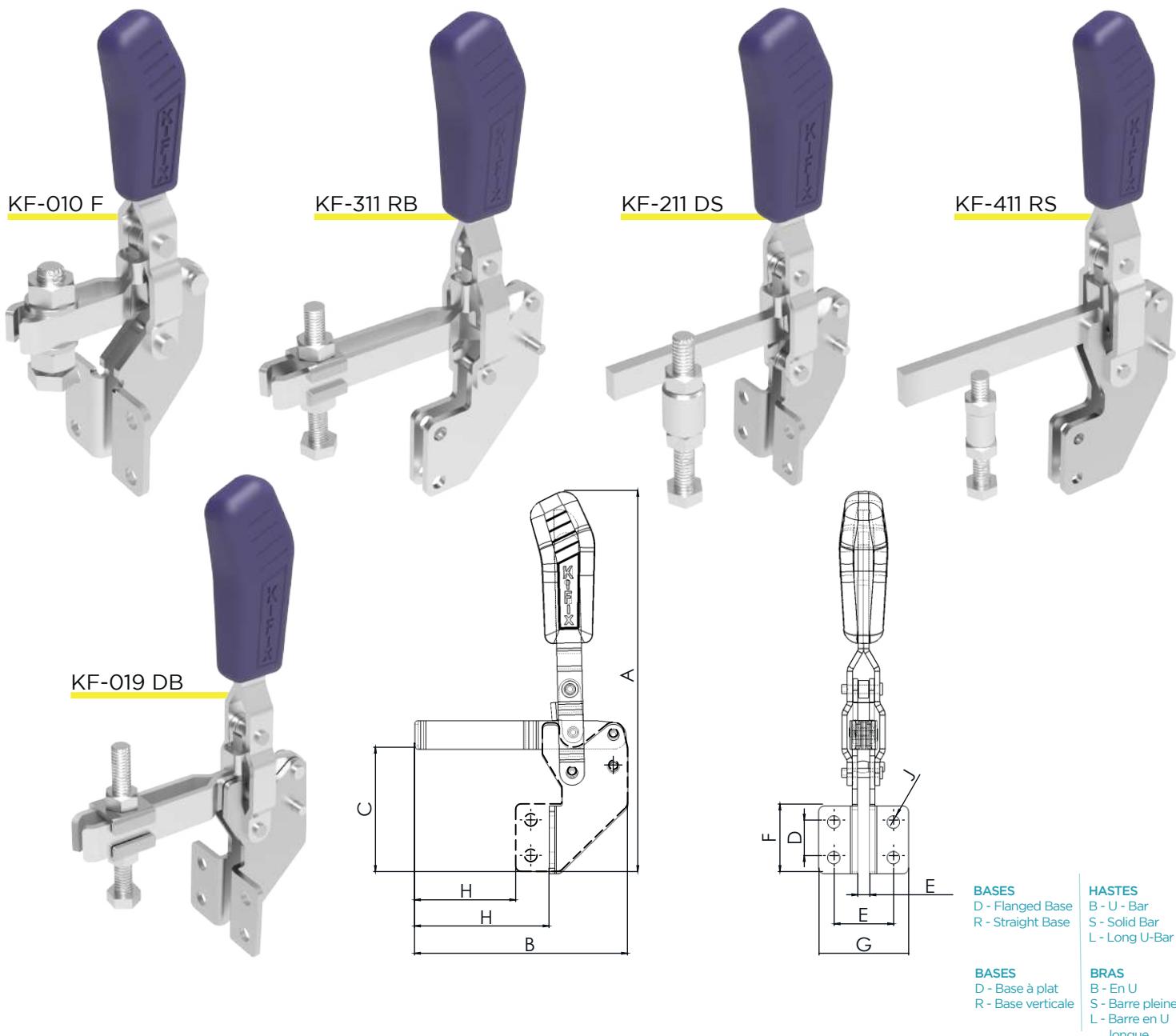
**BRAS**  
S - Barre pleine  
L - Barre en U longue

**POIGNÉE**  
T - Poignée en "T"

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	L (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Broche	Angle d'ouverture	Poids
KF-017 DT	170 (374)	120 (4.72)	90 (3.54)	32 (1.26)	19 (0.75)	32 (1.26)	35 (1.38)	49 (1.93)	55 (2.17)	7,0 (0.28)	132 (5.20)	M8	100	0,415 (0,913)
KF-017 DTL	150 (330)	120 (4.72)	120 (4.72)	32 (1.26)	19 (0.75)	32 (1.26)	35 (1.38)	49 (1.93)	85 (3.35)	7,0 (0.28)	132 (5.20)	M8	100	0,415 (0,913)
KF-017 DTS	200 (440)	120 (4.72)	120 (4.72)	32 (1.26)	19 (0.75)	32 (1.26)	35 (1.38)	49 (1.93)	85 (3.35)	7,0 (0.28)	132 (5.20)	M8	100	0,415 (0,913)
KF-017 RT	170 (374)	128 (5.04)	90 (3.54)	40 (1.57)	19 (0.75)	6,5 (0.26)	35 (1.38)	-	55 (2.17)	7,0 (0.28)	132 (5.20)	M8	100	0,415 (0,913)
KF-017 RTL	150 (330)	128 (5.04)	120 (4.72)	40 (1.57)	19 (0.75)	6,5 (0.26)	35 (1.38)	-	85 (3.35)	7,0 (0.28)	132 (5.20)	M8	100	0,415 (0,913)
KF-017 RTS	200 (440)	128 (5.04)	120 (4.72)	40 (1.57)	19 (0.75)	6,5 (0.26)	35 (1.38)	-	85 (3.35)	7,0 (0.28)	132 (5.20)	M8	100	0,415 (0,913)

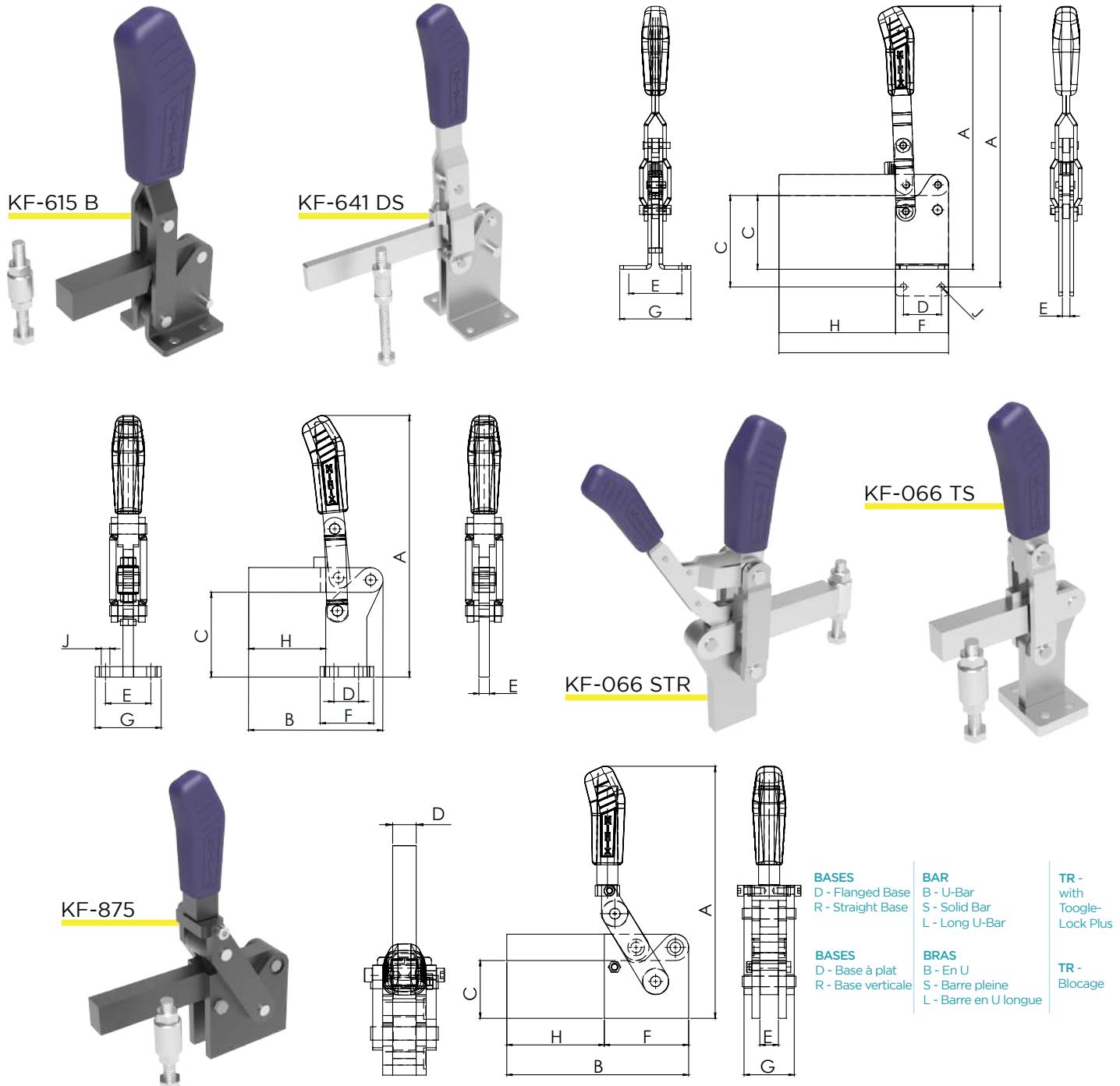
# VERTICAL HOLD-DOWN TOGGLE CLAMP

**SAUTERELLES À SERRAGE VERTICAL**



REFERENCE	RETENTION FORCE KGF (LBF)	A	B	C	D	E	F	G	H	J	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-010 F	32 (70)	112 (4,41)	51 (2,01)	42 (1,65)	16 (0,63)	23,7 (0,93)	25 (0,98)	33 (1,30)	24 (0,94)	4,3 (0,17)	M6	100	0,100 (0,220)
KF-012 F	90 (198)	149 (5,87)	70 (2,76)	47 (1,85)	12,7 (0,50)	27 (1,06)	25 (0,98)	40 (1,57)	41 (1,61)	5,5 (0,22)	M6	100	0,230 (0,506)
KF-019 DB	250 (550)	215 (8,46)	120 (4,72)	70 (2,76)	20 (0,79)	33,5 (1,32)	38 (1,50)	50,5 (1,99)	76 (2,99)	7,0 (0,28)	M8	100	0,500 (1,100)
KF-019 DS	250 (550)	215 (8,46)	120 (4,72)	70 (2,76)	20 (0,79)	33,5 (1,32)	38 (1,50)	50,5 (1,99)	76 (2,99)	7,0 (0,28)	M8	100	0,500 (1,100)
KF-019 RB	250 (550)	215 (8,46)	120 (4,72)	70 (2,76)	20 (0,79)	6,5 (0,26)	38 (1,50)	-	57 (2,24)	7,0 (0,28)	M8	100	0,500 (1,100)
KF-019 RS	250 (550)	215 (8,46)	120 (4,72)	70 (2,76)	20 (0,79)	6,5 (0,26)	38 (1,50)	-	57 (2,24)	7,0 (0,28)	M8	100	0,500 (1,100)
KF-211 DB	150 (330)	207 (8,15)	120 (4,72)	65 (2,56)	19 (0,75)	32 (1,26)	35 (1,38)	46,5 (1,83)	79 (3,11)	7,0 (0,28)	M8	100	0,480 (1,056)
KF-211 DS	200 (440)	207 (8,15)	120 (4,72)	65 (2,56)	19 (0,75)	32 (1,26)	35 (1,38)	46,5 (1,83)	79 (3,11)	7,0 (0,28)	M8	100	0,480 (1,056)
KF-211 RB	150 (330)	207 (8,15)	120 (4,72)	65 (2,56)	19 (0,75)	6,5 (0,26)	35 (1,38)	-	69 (2,72)	7,0 (0,28)	M8	100	0,480 (1,056)
KF-211 RS	200 (440)	207 (8,15)	120 (4,72)	65 (2,56)	19 (0,75)	6,5 (0,26)	35 (1,38)	-	69 (2,72)	7,0 (0,28)	M8	100	0,480 (1,056)
KF-311 DB	250 (550)	260 (10,24)	166 (6,54)	90 (3,54)	32 (1,26)	44 (1,73)	49 (1,93)	60 (2,36)	106 (4,17)	8,5 (0,33)	M10	100	0,960 (2,112)
KF-311 DS	300 (660)	260 (10,24)	166 (6,54)	90 (3,54)	32 (1,26)	44 (1,73)	49 (1,93)	60 (2,36)	106 (4,17)	8,5 (0,33)	M10	100	0,930 (2,046)
KF-311 RB	250 (550)	260 (10,24)	166 (6,54)	90 (3,54)	32 (1,26)	8 (0,31)	49 (1,93)	-	97 (3,82)	8,5 (0,33)	M10	100	0,960 (2,112)
KF-311 RB	250 (550)	260 (10,24)	166 (6,54)	90 (3,54)	32 (1,26)	8 (0,31)	49 (1,93)	-	97 (3,82)	8,5 (0,33)	M10	100	0,960 (2,112)
KF-411 DB	650 (1430)	321 (12,64)	200 (7,87)	113 (4,45)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	134 (5,28)	8,5 (0,33)	M10	100	1,750 (3,850)
KF-411 DS	700 (1540)	321 (12,64)	200 (7,87)	113 (4,45)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	134 (5,28)	8,5 (0,33)	M10	100	1,700 (3,740)
KF-411 RB	650 (1430)	321 (12,64)	200 (7,87)	113 (4,45)	32 (1,26)	10 (0,39)	55 (2,17)	-	126 (4,96)	8,5 (0,33)	M10	100	1,750 (3,850)
KF-411 RS	700 (1540)	321 (12,64)	200 (7,87)	113 (4,45)	32 (1,26)	10 (0,39)	55 (2,17)	-	126 (4,96)	8,5 (0,33)	M10	100	1,700 (3,740)

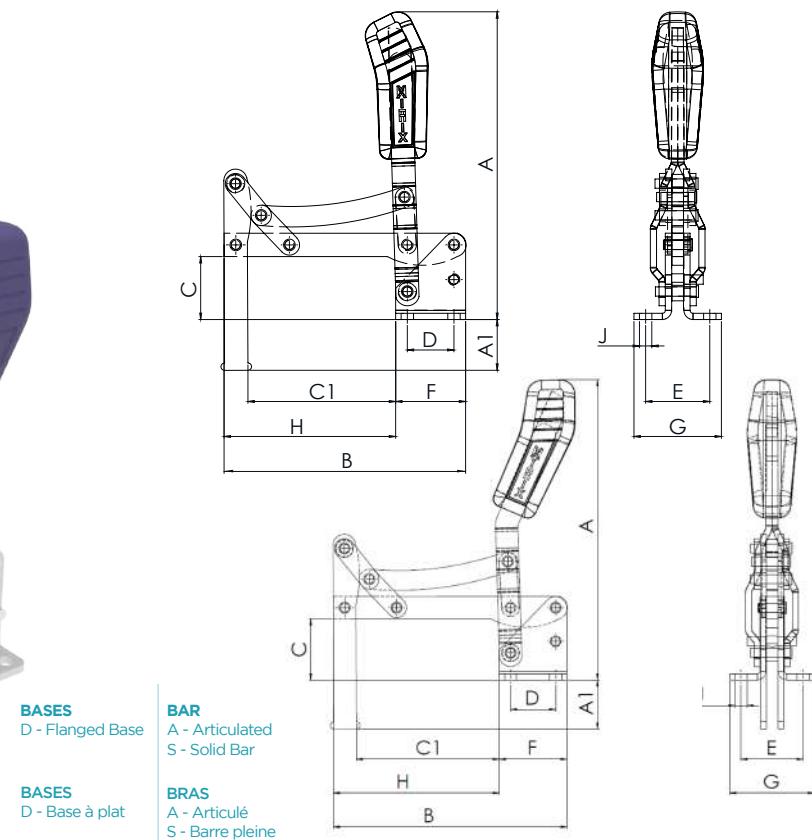
# VERTICAL HOLD-DOWN TOGGLE CLAMP SAUTERELLES À SERRAGE VERTICAL



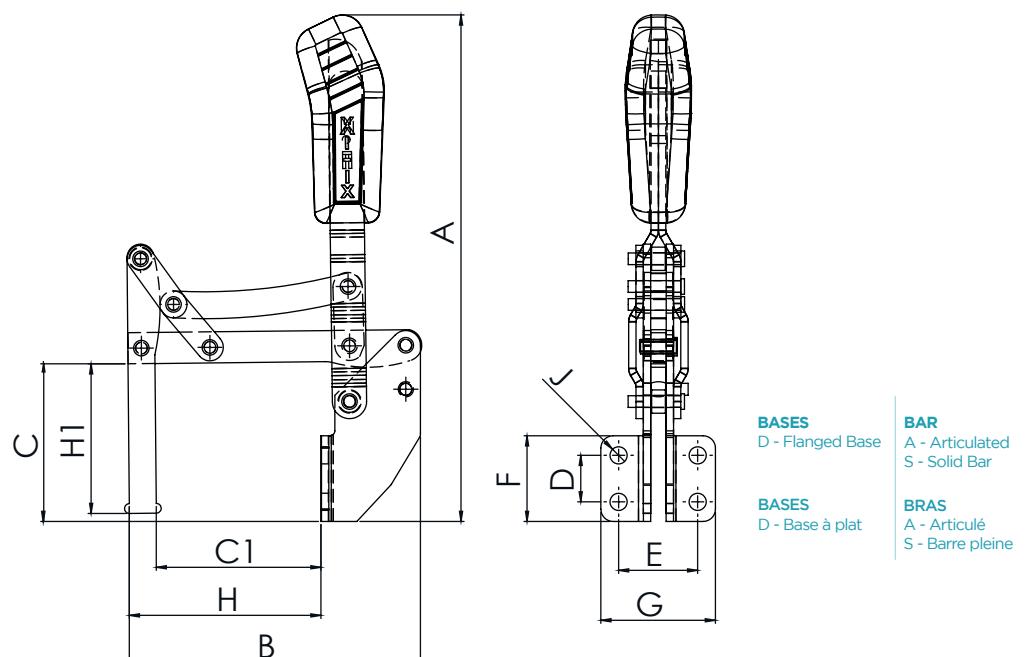
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-615 B	340 (748)	215 (8.46)	108 (4.25)	42 (1.65)	25.4 (1.00)	38.1 (1.50)	50.8 (2.00)	50.8 (2.00)	57 (2.24)	7.0 (0.28)	M8	125	0,920 (2,024)
KF-615 BL	340 (748)	215 (8.46)	191 (7.52)	42 (1.65)	25.4 (1.00)	38.1 (1.50)	50.8 (2.00)	50.8 (2.00)	140 (5.51)	7.0 (0.28)	M8	125	0,920 (2,024)
KF-616 D	950 (2090)	249 (9.80)	155 (6.10)	50 (1.97)	32 (1.26)	45 (1.77)	53.5 (2.11)	67 (2.64)	101.5 (4.00)	7.0 (0.28)	M10	125	1,350 (2,970)
KF-616 R	950 (2090)	257 (10.12)	155 (6.10)	58 (2.28)	32 (1.26)	9.5 (0.37)	53.5 (2.11)	-	101.5 (4.00)	7.0 (0.28)	M10	125	1,350 (2,970)
KF-641 DB	800 (1760)	347 (13.66)	224 (8.82)	98 (3.86)	50 (1.97)	70 (2.76)	70 (2.76)	94 (3.70)	154 (6.06)	8.5 (0.33)	M10	85	2,250 (4,950)
KF-641 RB	800 (1760)	371 (14.61)	224 (8.82)	121 (4.76)	50 (1.97)	10 (0.39)	70 (2.76)	-	154 (6.06)	8.5 (0.33)	M10	85	2,250 (4,950)
KF-641 DS	800 (1760)	347 (13.66)	224 (8.82)	98 (3.86)	50 (1.97)	70 (2.76)	70 (2.76)	94 (3.70)	154 (6.06)	8.5 (0.33)	M10	85	2,250 (4,950)
KF-641 RS	800 (1760)	371 (14.61)	224 (8.82)	121 (4.76)	50 (1.97)	10 (0.39)	70 (2.76)	-	154 (6.06)	8.5 (0.33)	M10	85	2,250 (4,950)
KF-066 S	1400 (3080)	305 (12.01)	163 (6.42)	90 (3.54)	-	12.7 (0.50)	50 (1.97)	-	93 (3.66)	-	M12	150	3,300 (7,260)
KF-066 STR	1400 (3080)	305 (12.01)	163 (6.42)	90 (3.54)	-	12.7 (0.50)	50 (1.97)	-	93 (3.66)	-	M12	150	3,800 (8,360)
KF-066 TS	1400 (3080)	318 (12.52)	163 (6.42)	103 (4.06)	30 (1.18)	55 (2.17)	65 (2.56)	80 (3.15)	93 (3.66)	10,5 (0.41)	M12	150	3,800 (8,360)
KF-066 TSTR	1400 (3080)	318 (12.52)	163 (6.42)	103 (4.06)	30 (1.18)	55 (2.17)	65 (2.56)	80 (3.15)	93 (3.66)	10,5 (0.41)	M12	150	4,300 (9,460)
KF-845	1150 (2530)	246 (9.69)	190 (7.48)	56.2 (2.21)	19 (0.75)	19 (0.75)	82 (3.23)	50.9 (2.00)	108 (4.25)	-	M12	120	3,350 (7,370)
KF-875	1800 (3960)	304 (11.97)	219 (8.62)	69.7 (2.74)	22.4 (0.88)	22.4 (0.88)	101.6 (4.00)	60.5 (2.38)	117.4 (4.62)	-	M12	90	5,600 (12,320)

# VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE VERTICAL



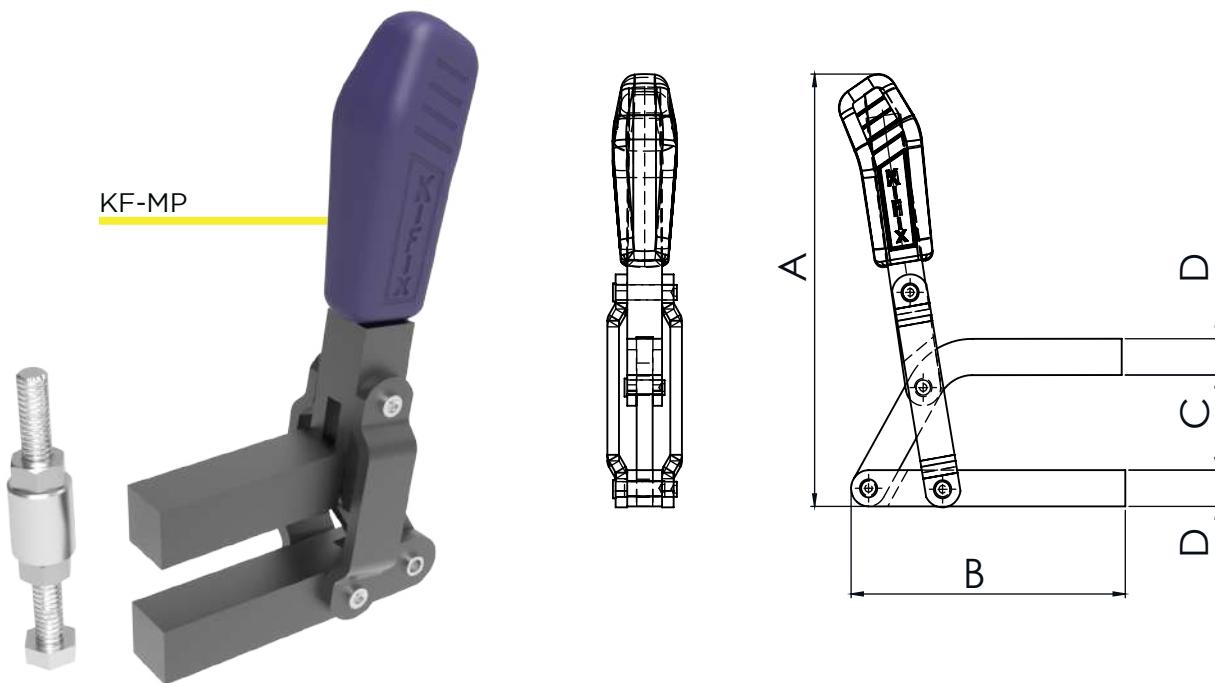
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	A1 (IN)	B (IN)	C (IN)	C1 (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)												Broche	Angle d'ouverture	Poids
KF-017 DS A	160 (352)	175 (6.89)	29 (1.14)	120 (4.72)	32 (1.26)	73 (2.87)	19 (0.75)	32 (1.26)	35 (1.38)	49 (1.93)	85 (3.35)	7.0 (0.28)	M6	90	0,530 (1,166)
KF-011 DS A	240 (528)	211 (8.31)	35 (1.38)	166 (6.54)	41 (1.61)	101 (3.98)	32 (1.26)	44 (1.73)	48 (1.89)	60 (2.36)	118 (4.65)	8.5 (0.33)	M8	90	1,150 (2,530)
KF-011 DS A JD	240 (528)	211 (8.31)	35 (1.38)	166 (6.54)	41 (1.61)	101 (3.98)	32 (1.26)	44 (1.73)	48 (1.89)	60 (2.36)	118 (4.65)	8.5 (0.33)	M8	90	1,150 (2,530)
KF-111 DS A	560 (1232)	258 (10.16)	43 (1.69)	200 (7.87)	50 (1.97)	125 (4.92)	32 (1.26)	45 (1.77)	55 (2.17)	67 (2.64)	145 (5.71)	8.5 (0.33)	M10	90	2,050 (4,510)



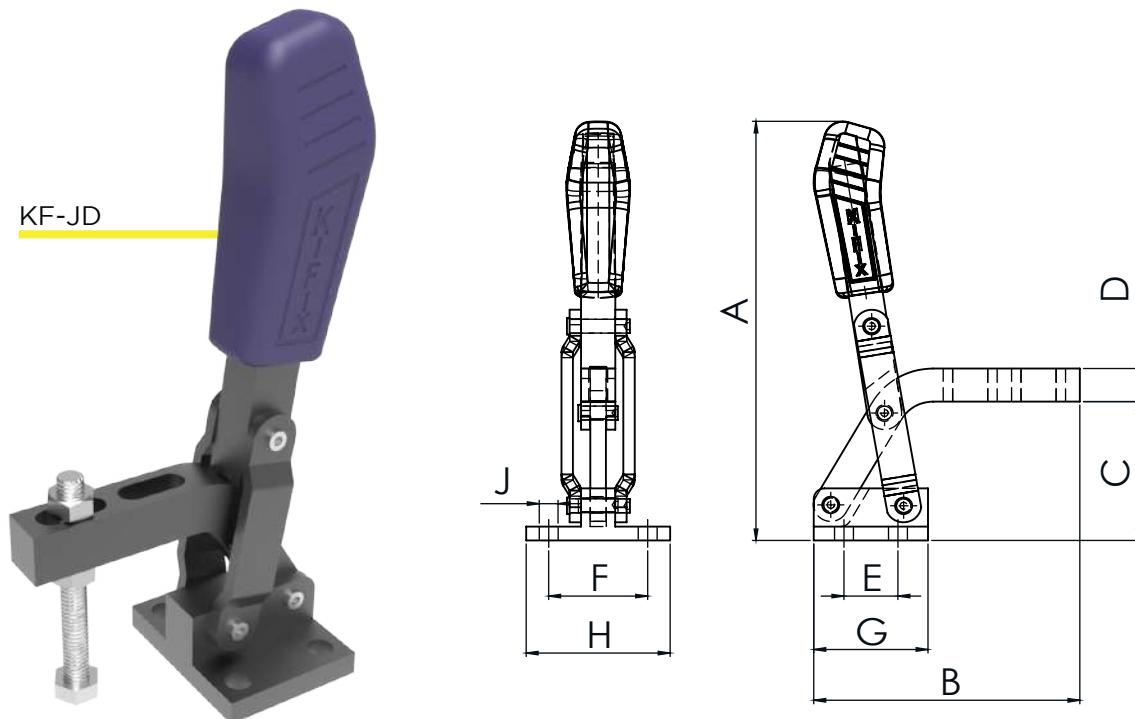
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	C1 (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	H1 (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)												Broche	Angle d'ouverture	Poids
KF-211 DS A	160 (352)	207 (8.15)	120 (4.72)	65 (2.56)	67.5 (2.66)	19 (0.75)	32 (1.26)	35 (1.38)	46.5 (1.83)	79 (3.11)	61 (2.40)	7.0 (0.28)	M6	100	0,560 (1,232)
KF-311 DS A	240 (528)	260 (10.24)	166 (6.54)	90 (3.54)	90 (3.54)	32 (1.26)	44 (1.73)	49 (1.93)	60 (2.36)	106 (4.17)	78 (3.07)	8.5 (0.33)	M8	100	1,240 (2,728)
KF-411 DS A	560 (1232)	321 (12.64)	200 (7.87)	113 (4.45)	114 (4.49)	32 (1.26)	45 (1.77)	55 (2.17)	67 (2.64)	134 (5.28)	92 (3.62)	8.5 (0.33)	M10	100	2,250 (4,950)

# VERTICAL HOLD-DOWN TOGGLE CLAMP

**SAUTERELLES À SERRAGE VERTICAL**



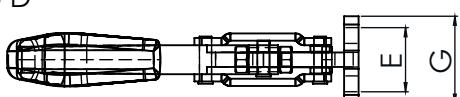
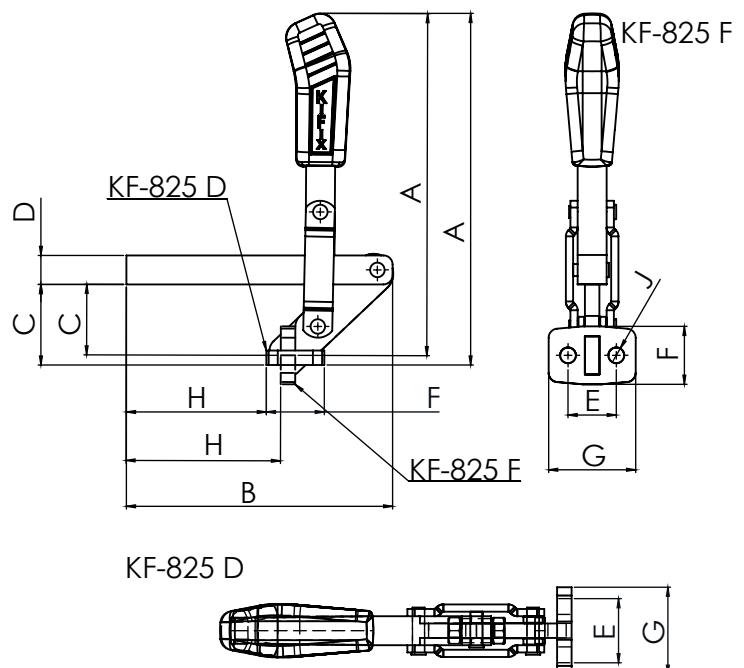
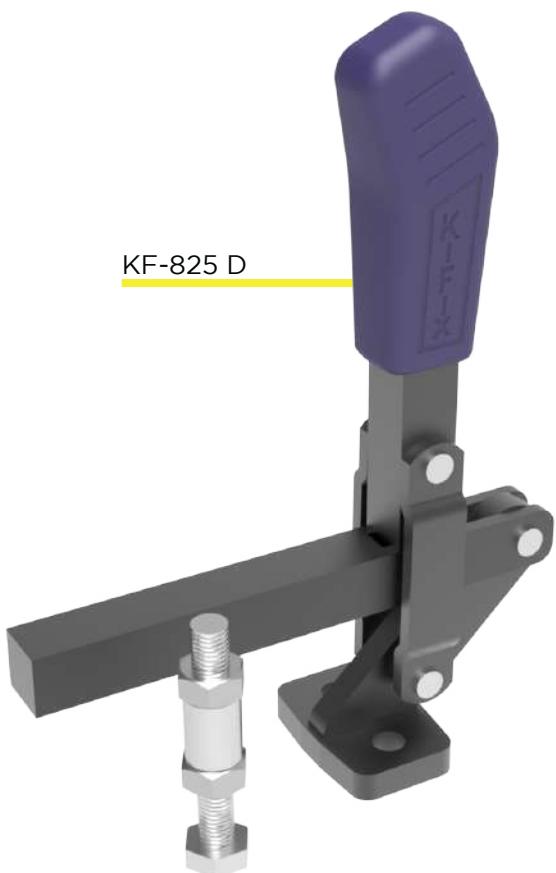
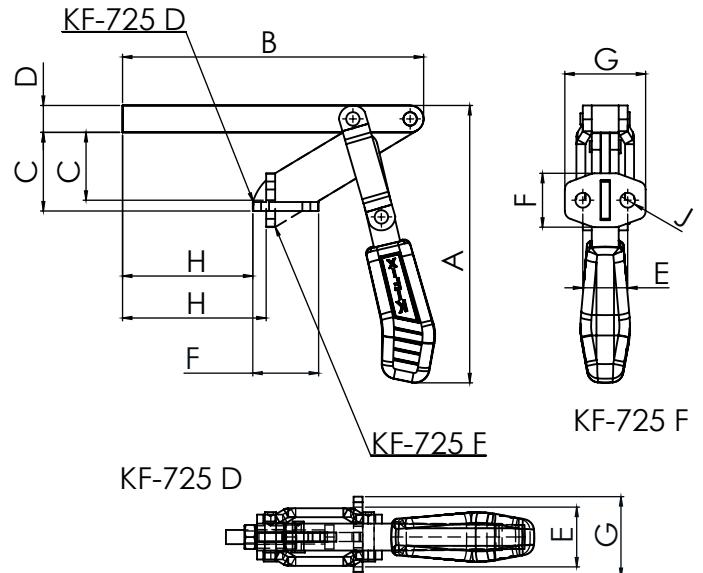
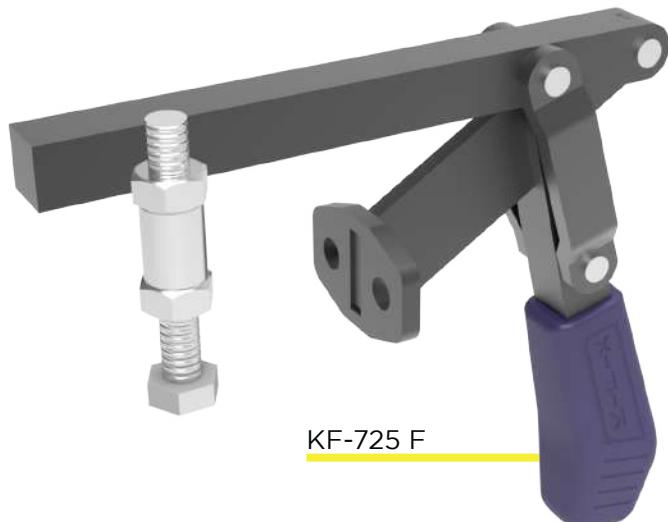
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)					Broche	Angle d'ouverture	Poids
KF-01 MP	160 (352)	125 (4,92)	70 (2,76)	15 (0,59)	12,7 (0,50)	M6	120	0,320 (0,704)
KF-02 MP	300 (660)	171 (6,73)	92 (3,62)	20 (0,79)	14,3 (0,56)	M8	120	0,580 (1,276)
KF-03 MP	450 (990)	191 (7,52)	101 (3,98)	30 (1,18)	15,8 (0,62)	M8	120	1,350 (2,970)
KF-05 MP	500 (1100)	227 (8,94)	150 (5,91)	50 (1,97)	19,1 (0,75)	M10	120	2,040 (4,488)
KF-06 MP	500 (1100)	247 (9,72)	161 (6,34)	60 (2,36)	19,1 (0,75)	M10	120	2,135 (4,697)
KF-09 MP	1800 (3960)	324 (12,76)	200 (7,87)	90 (3,54)	25,4 (1,00)	M12	120	4,250 (9,350)



REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-03 JD	450 (990)	206 (8,11)	101 (3,98)	56 (2,20)	15,8 (0,62)	32 (1,26)	44 (1,73)	48 (1,89)	60 (2,36)	8,5 (0,33)	M8	120	1,360 (2,992)
KF-05 JD	500 (1100)	241 (9,49)	148 (5,83)	80 (3,15)	19,1 (0,75)	30 (1,18)	55 (2,17)	63,5 (2,50)	80 (3,15)	10,5 (0,41)	M10	120	2,100 (4,620)

# VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE VERTICAL



**BASES**  
D - Flanged Base  
F - Front

**BASES**  
D - Base à plat  
F - Frontale

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-725 D	450 (990)	196 (7.72)	213 (8.39)	55.6 (2.19)	19 (0.75)	32 (1.26)	38.1 (1.50)	57.2 (2.25)	92.2 (3.63)	10.5 (0.41)	M10	195	2,030 (4,466)
KF-725 F	450 (990)	196 (7.72)	213 (8.39)	48 (1.89)	19 (0.75)	32 (1.26)	38.1 (1.50)	57.2 (2.25)	101.6 (4.00)	10.5 (0.41)	M10	195	2,030 (4,466)
KF-825 D	450 (990)	231 (9.09)	175 (6.89)	53 (2.09)	19 (0.75)	32 (1.26)	38.1 (1.50)	57.2 (2.25)	92.2 (3.63)	10.5 (0.41)	M10	195	1,850 (4,070)
KF-825 F	450 (990)	225 (8.86)	175 (6.89)	46.7 (1.84)	19 (0.75)	32 (1.26)	38.1 (1.50)	57.2 (2.25)	101.6 (4.00)	10.5 (0.41)	M10	195	1,850 (4,070)

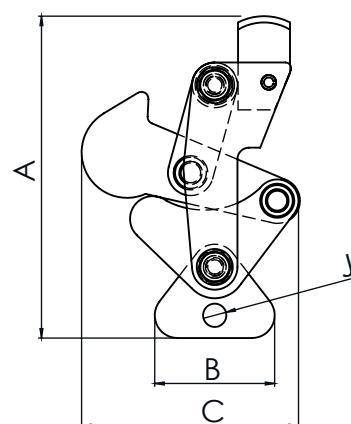
# VERTICAL HOLD-DOWN TOGGLE CLAMP

**SAUTERELLES À SERRAGE VERTICAL**



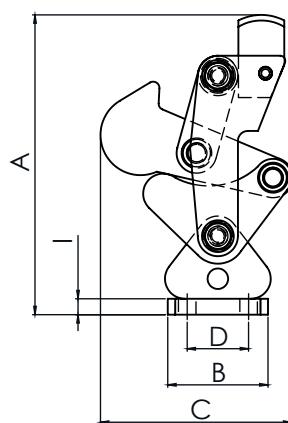
KFU A

Triangular Base  
Base triangulaire



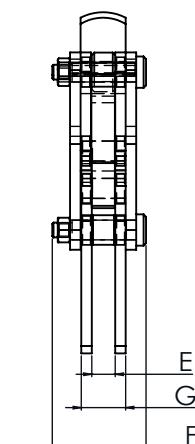
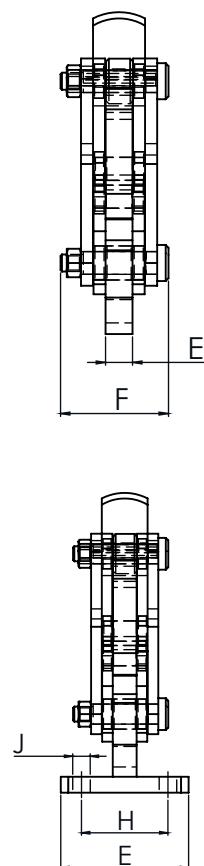
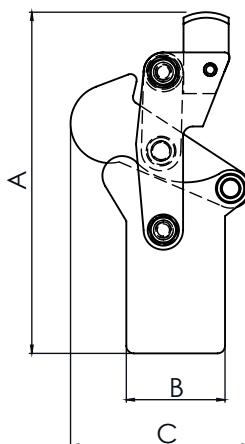
KFU D

T Base  
Base T



KFU R

Double Straight Base  
Double base verticale



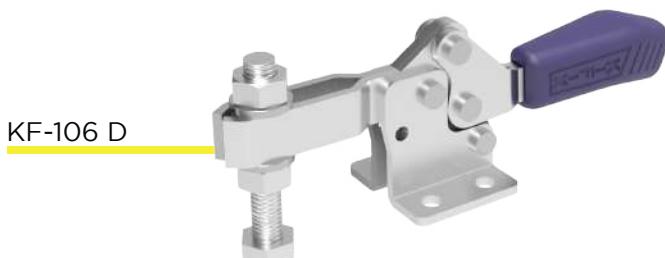
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	I (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Broche	Angle d'ouverture	Poids
KFU-03 A	680 (1496)	105 (4.13)	42 (1.65)	72 (2.83)	-	9.5 (0.37)	42 (1.65)	-	-	-	8.5 (0.33)	M6	200	0.670 (1.474)
KFU-03 D	680 (1496)	112 (4.41)	40 (1.57)	72 (2.83)	24.5 (0.96)	51 (2.01)	42 (1.65)	-	34.5 (1.36)	6.35 (0.25)	7	M6	200	0.76
KFU-03 R	680 (1496)	130 (5.12)	40 (1.57)	68 (2.68)	-	9.5 (0.37)	42 (1.65)	18 (0.71)	-	-	-	M6	200	0.730 (1.606)
KFU-05 A	1000 (2200)	145 (5.71)	60 (2.36)	98 (3.86)	-	12.7 (0.50)	47 (1.85)	-	-	-	10.5 (0.41)	M10	200	1.170 (2.574)
KFU-05 D	1000 (2200)	153 (6.02)	55 (2.17)	98 (3.86)	31.5 (1.24)	64 (2.52)	47 (1.85)	-	45 (1.77)	8 (0.31)	8.5 (0.33)	M10	200	1.380 (3.036)
KFU-05 R	1000 (2200)	170 (6.69)	50 (1.97)	92 (3.62)	-	12.7 (0.50)	47 (1.85)	22 (0.87)	-	-	-	M10	200	1.240 (2.728)
KFU-06 A	2200 (4840)	176 (6.93)	70 (2.76)	118 (4.65)	-	15.9 (0.63)	66 (2.60)	-	-	-	12.5 (0.49)	M10	200	2.720 (5.984)
KFU-06 D	2200 (4840)	186 (7.32)	70 (2.76)	118 (4.65)	40 (1.57)	80 (3.15)	66 (2.60)	-	50 (1.97)	9.5 (0.37)	10.5 (0.41)	M10	200	3.110 (6.842)
KFU-06 R	2200 (4840)	211 (8.31)	65 (2.56)	114 (4.49)	-	15.9 (0.63)	66 (2.60)	29 (1.14)	-	-	-	M10	200	2.900 (6.380)
KFU-08 A	2200 (4840)	247 (9.72)	84 (3.31)	177 (6.97)	-	19 (0.75)	725 (2.85)	-	-	-	13.0 (0.51)	M12	200	6.440 (14.168)
KFU-08 D	3500 (7700)	260 (10.24)	100 (3.94)	177 (6.97)	70 (2.76)	150 (5.91)	725 (2.85)	-	120 (4.72)	12.7 (0.50)	10.5 (0.41)	M12	200	7.830 (17.226)
KFU-08 R	3500 (7700)	273 (10.75)	80.6 (3.17)	177 (6.97)	-	19 (0.75)	725 (2.85)	35 (1.38)	-	-	-	M12	200	6.270 (13.794)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE  
HORIZONTAL



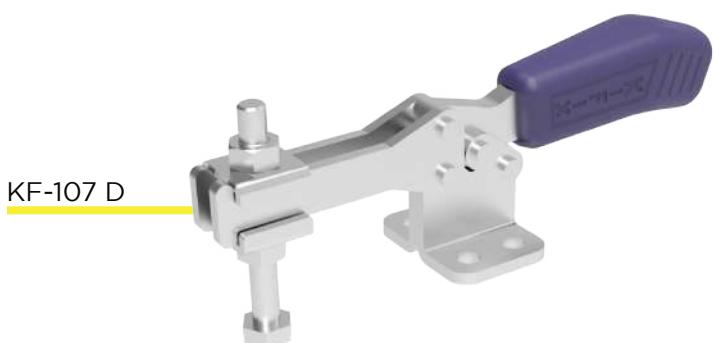
KF-105 D



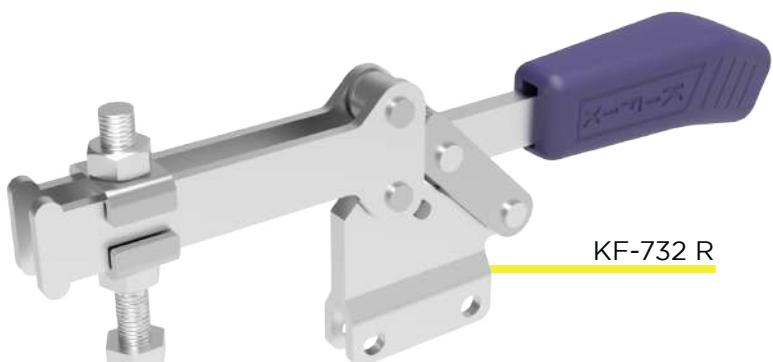
KF-106 D



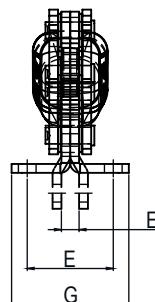
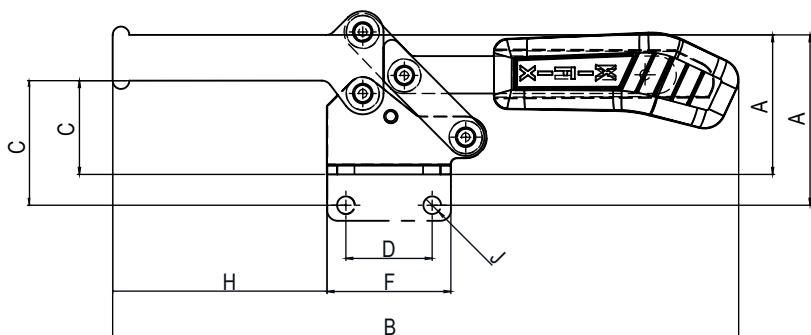
KF-105 DU



KF-107 D



KF-732 R



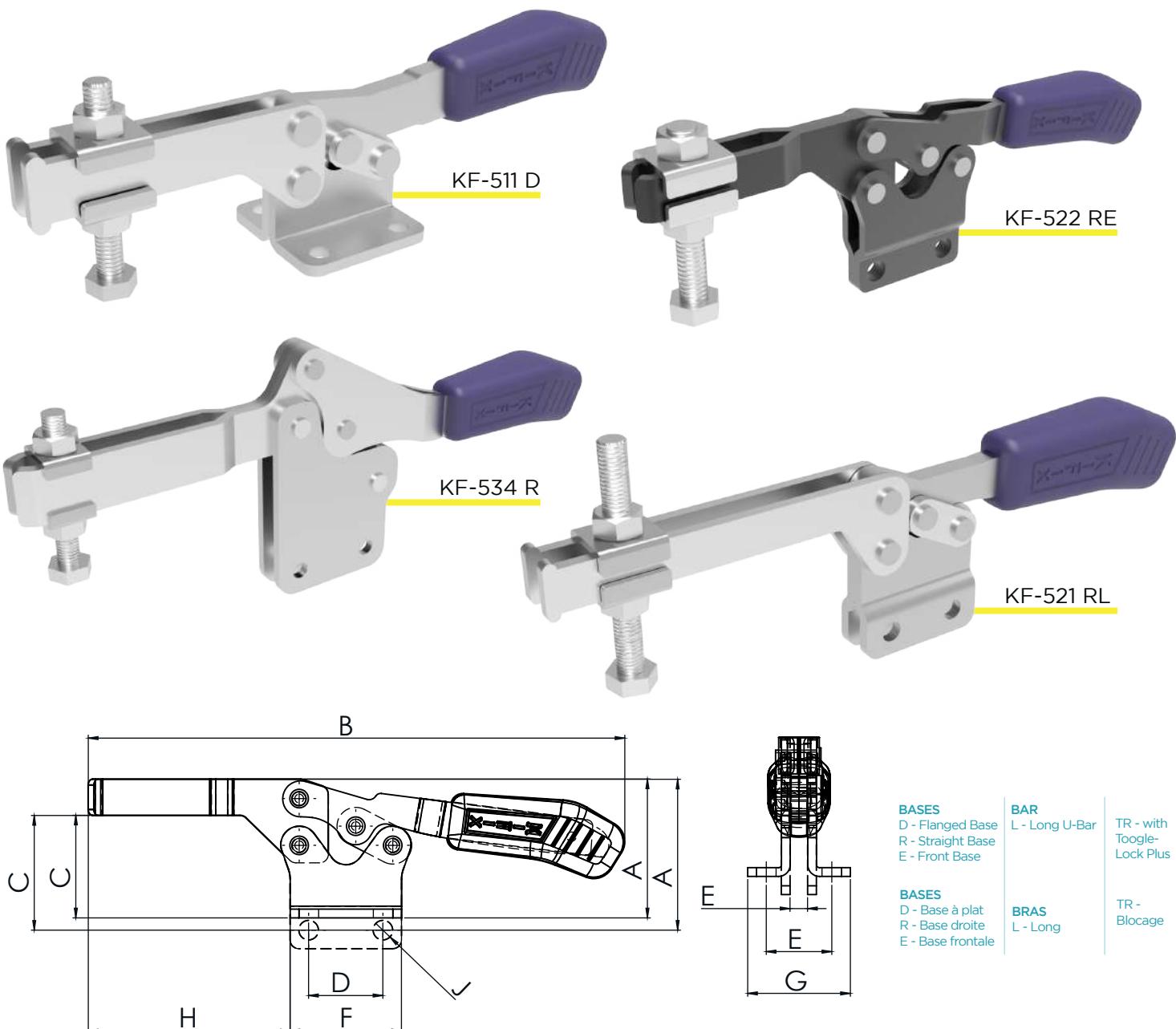
**BASES**  
D - Flanged Base  
R - Straight Base  
DU - Flanged Only Base

**BASES**  
D - Base à plat  
R - Base droite  
DU - Base à plat uniquement

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-105 D	30 (66)	18 (0,71)	64 (2,52)	8 (0,31)	13,5 (0,53)	16 (0,63)	24 (0,94)	24 (0,94)	18,6 (0,73)	4,3 (0,17)	M4	90	0,030 (0,066)
KF-105 DU	30 (66)	21,3 (0,84)	64 (2,52)	8 (0,31)	13,5 (0,53)	8 (0,31)	24 (0,94)	12 (0,47)	18,6 (0,73)	4,3 (0,17)	M4	90	0,030 (0,066)
KF-105 R	30 (66)	24 (0,94)	64 (2,52)	12 (0,47)	13,5 (0,53)	-	24 (0,94)	-	18,6 (0,73)	4,3 (0,17)	M4	90	0,030 (0,066)
KF-106 D	70 (154)	35 (1,38)	112 (4,41)	20 (0,79)	13,5 (0,53)	18,3 (0,72)	25,5 (1,00)	28 (1,10)	35 (1,38)	4,5 (0,18)	M6	90	0,095 (0,209)
KF-106 R	70 (154)	40 (1,57)	112 (4,41)	24 (0,94)	13,5 (0,53)	4 (0,16)	25,5 (1,00)	-	35 (1,38)	4,5 (0,18)	M6	90	0,095 (0,209)
KF-107 D	70 (154)	45 (1,77)	136 (5,35)	22 (0,86)	12,7 (0,50)	12 (0,47)	26 (1,00)	35 (1,37)	51 (2,00)	5,5 (0,21)	M6	70	0,180 (0,39)
KF-152 D	130 (286)	46 (1,81)	184 (7,24)	25 (0,98)	20 (0,79)	25,5 (1,00)	38 (1,50)	37 (1,46)	58 (2,28)	7,0 (0,28)	M6	90	0,280 (0,616)
KF-152 R	130 (286)	54 (2,13)	184 (7,24)	32 (1,26)	20 (0,79)	6 (0,24)	38 (1,50)	-	58 (2,28)	7,0 (0,28)	M6	90	0,280 (0,616)
KF-732 D	340 (748)	79 (3,11)	301 (11,85)	45 (1,77)	42 (1,65)	42 (1,65)	60 (2,36)	57 (2,24)	103 (4,06)	8,5 (0,33)	M10	80	1,030 (2,266)
KF-732 R	340 (748)	93 (3,66)	301 (11,85)	60 (2,36)	42 (1,65)	8,5 (0,33)	60 (2,36)	-	103 (4,06)	8,5 (0,33)	M10	80	1,030 (2,266)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

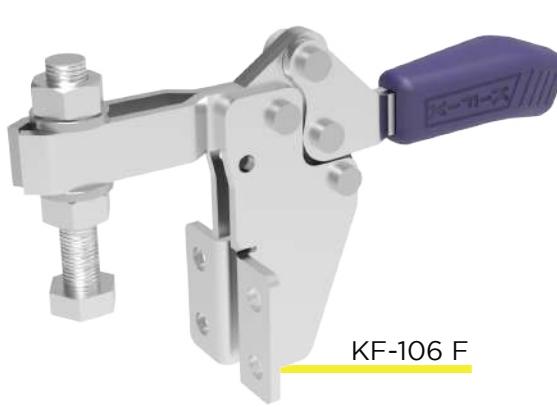
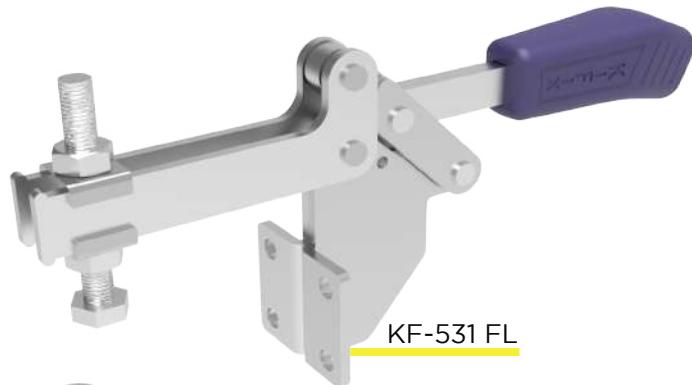
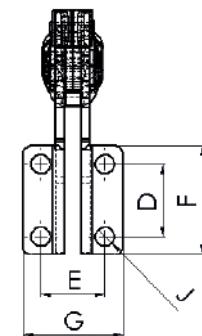
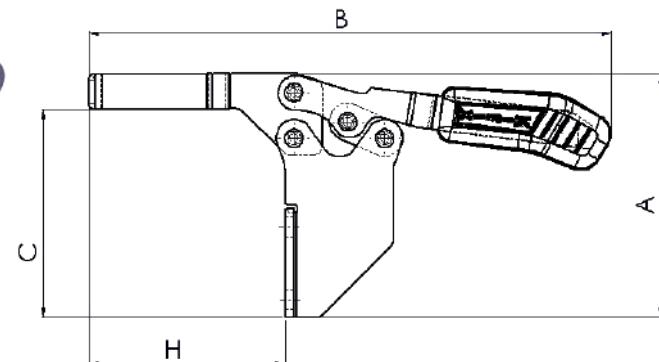
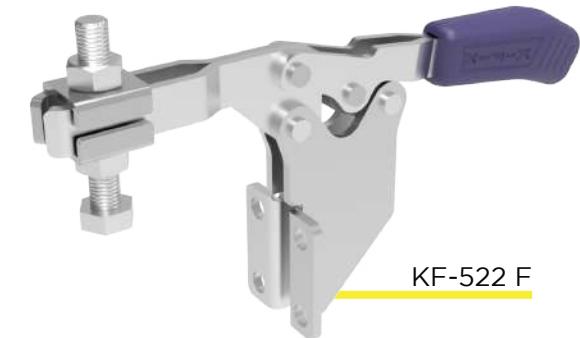
SAUTERELLES À SERRAGE  
HORIZONTAL



REFERENCE Référence	RETENTION FORCE KGF (LBF) Force de rétention Kgf (lbf)	A [IN] A [in]	B [IN] B [in]	C [IN] C [in]	D [IN] D [in]	E [IN] E [in]	F [IN] F [in]	G [IN] G [in]	H [IN] H [in]	J [IN] J [in]	SPINDLE Broche	OPENING ANGLE Angle d'ouverture	WEIGHT KG (LB) Poids
KF-511 D	90 (198)	47 (1.85)	172 (6.77)	26 (1.02)	24 (0.94)	26 (1.02)	36 (1.42)	37 (1.46)	59 (2.32)	5.5 (0.22)	M6	70	0.240 (0.528)
KF-511 R	90 (198)	55 (2.17)	172 (6.77)	34 (1.34)	24 (0.94)	6.5 (0.26)	36 (1.42)	-	59 (2.32)	5.5 (0.22)	M6	70	0.240 (0.528)
KF-512 D	90 (198)	39 (1.54)	146 (5.75)	26 (1.02)	25.4 (1.00)	22.4 (0.88)	37 (1.46)	35 (1.38)	57 (2.24)	5.3 (0.21)	M6	90	0.150 (0.330)
KF-512 R	90 (198)	45 (1.77)	146 (5.75)	32 (1.26)	25.4 (1.00)	4.5 (0.18)	37 (1.46)	-	57 (2.24)	5.3 (0.21)	M6	90	0.150 (0.330)
KF-521 D	130 (286)	51 (2.01)	208 (8.19)	36 (1.42)	25.4 (1.00)	24 (0.94)	45 (1.77)	42 (1.65)	68 (2.68)	7.0 (0.28)	M8	70	0.440 (0.968)
KF-521 D TR	130 (286)	51 (2.01)	235 (9.25)	36 (1.42)	25.4 (1.00)	24 (0.94)	45 (1.77)	42 (1.65)	68 (2.68)	7.0 (0.28)	M8	70	0.480 (1.056)
KF-521 DL	100 (220)	51 (2.01)	243 (9.57)	36 (1.42)	25.4 (1.00)	24 (0.94)	45 (1.77)	42 (1.65)	103 (4.06)	7.0 (0.28)	M8	70	0.470 (1.034)
KF-521 R	130 (286)	57 (2.24)	208 (8.19)	42 (1.65)	25.4 (1.00)	6.5 (0.26)	45 (1.77)	-	68 (2.68)	7.0 (0.28)	M8	70	0.440 (0.968)
KF-521 RL	100 (220)	57 (2.24)	243 (9.57)	42 (1.65)	25.4 (1.00)	6.5 (0.26)	45 (1.77)	-	103 (4.06)	7.0 (0.28)	M8	70	0.470 (1.034)
KF-522 D	230 (506)	48 (1.89)	184 (7.24)	35 (1.38)	25.4 (1.00)	22.4 (0.88)	38 (1.50)	35 (1.38)	69 (2.72)	6.7 (0.26)	M8	90	0.295 (0.649)
KF-522 R	230 (506)	52 (2.05)	184 (7.24)	39 (1.54)	25.4 (1.00)	6 (0.24)	38 (1.50)	-	69 (2.72)	6.7 (0.26)	M8	90	0.295 (0.649)
KF-522 RE	230 (506)	52 (2.05)	184 (7.24)	39 (1.54)	25.4 (1.00)	0 (0.00)	38 (1.50)	-	69 (2.72)	6.7 (0.26)	M8	90	0.295 (0.649)
KF-532 D	340 (748)	65 (2.56)	294 (11.57)	45 (1.77)	41 (1.61)	42 (1.65)	57 (2.24)	58 (2.28)	105 (4.13)	8.5 (0.33)	M10	90	0.860 (1.892)
KF-532 R	340 (748)	76 (2.99)	294 (11.57)	56 (2.20)	41 (1.61)	8.5 (0.33)	57 (2.24)	-	105 (4.13)	8.5 (0.33)	M10	90	0.860 (1.892)
KF-532 D TR	340 (748)	65 (2.56)	294 (11.57)	45 (1.77)	41 (1.61)	42 (1.65)	57 (2.24)	58 (2.28)	105 (4.13)	8.5 (0.33)	M10	90	0.920 (2.024)
KF-534 D	450 (990)	107.7 (4.24)	335 (13.19)	572 (2.25)	41.3 (1.63)	41.3 (1.63)	66.7 (2.63)	66.7 (2.63)	123.7 (4.87)	8.5 (0.33)	M10	100	1.450 (3.190)
KF-534 R	450 (990)	116 (4.57)	335 (13.19)	65.4 (2.57)	41.3 (1.63)	9.5 (0.37)	66.7 (2.63)	-	123.7 (4.87)	8.5 (0.33)	M10	100	1.450 (3.190)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE  
HORIZONTAL



**BASES**  
F - Front Base

**BAR**  
L - Long U-Bar  
I - Inverted

TR - With Toggle  
- Lock Plus

**BASES**  
F - Base frontale

**BRAS**  
L - Barre en U longue  
I - Inversé

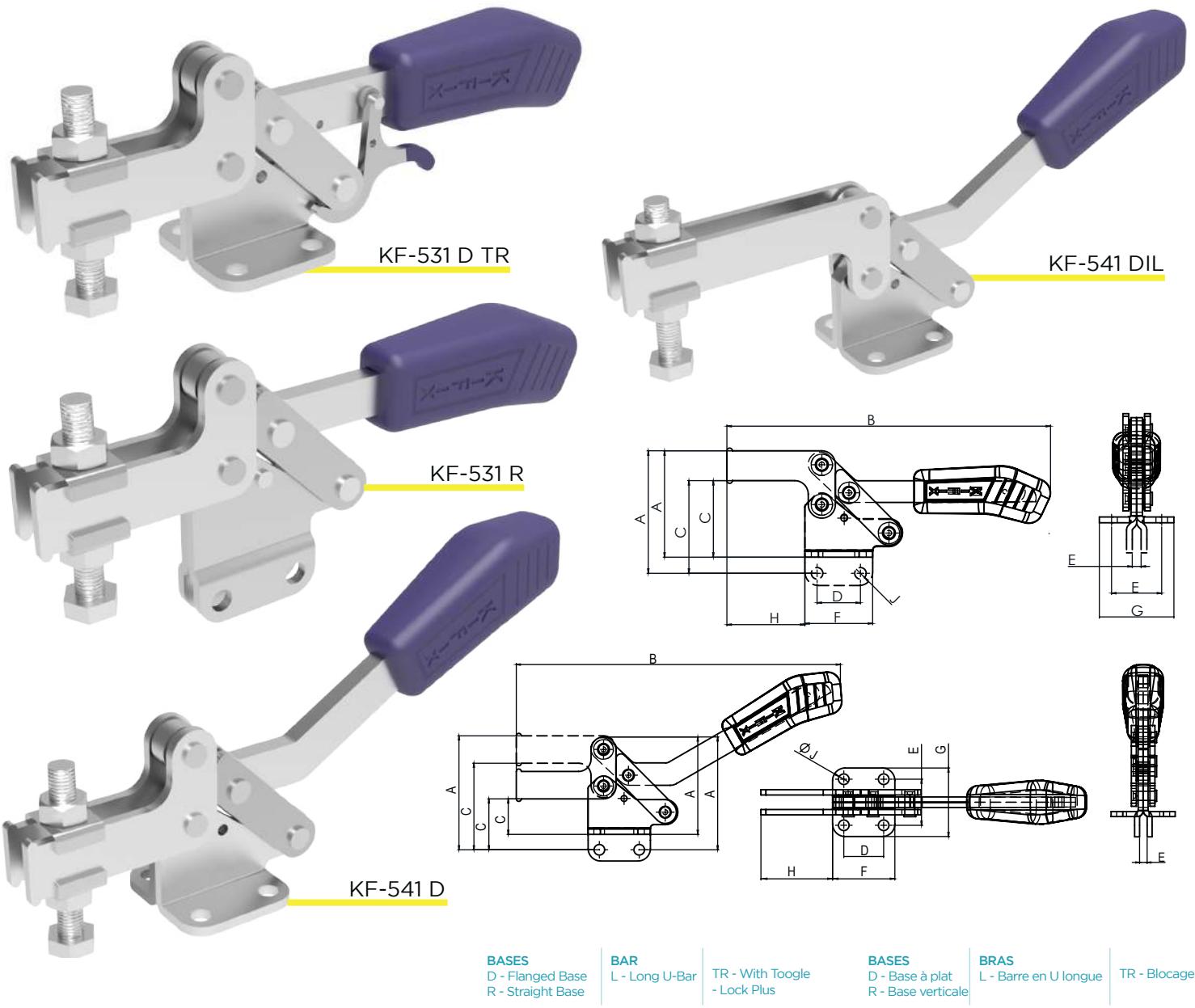
TR - Blocage

KF-152 F

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-106 F	70 (154)	56 (2.20)	112 (4.41)	40 (1.57)	13.5 (0.53)	18.3 (0.72)	25.5 (1.00)	28 (1.10)	35 (1.38)	4.5 (0.18)	M6	90	0.110 (0.242)
KF-107 F	70 (154)	74 (2.91)	127 (5.00)	31 (1.22)	12.7 (0.50)	22 (0.86)	25 (0.98)	35 (1.38)	47 (1.85)	5.5 (0.28)	M6	90	0.200 (0.440)
KF-312 F	70 (154)	59 (2.32)	117 (4.60)	42 (1.65)	13.5 (0.53)	18.6 (0.73)	25.5 (1.00)	28 (1.10)	41 (1.61)	5 (0.18)	M6	90	0.103 (0.227)
KF-152 FL	90 (198)	95 (3.74)	201 (7.91)	74 (2.91)	20 (0.78)	25.5 (1.00)	32 (1.25)	37 (1.45)	70 (2.75)	7.0 (0.27)	M6	90	0.343 (0.756)
KF-152 F	130 (286)	95 (3.74)	184 (7.24)	74 (2.91)	20 (0.78)	25.5 (1.00)	35 (1.37)	37 (1.45)	52 (2.04)	7.0 (0.27)	M8	90	0.340 (0.749)
KF-522 F	230 (506)	85 (3.35)	184 (7.24)	73 (2.87)	25.4 (1.00)	22.4 (0.88)	38 (1.50)	35 (1.38)	69 (2.72)	6.7 (0.26)	M8	90	0.335 (0.737)
KF-522 FL	200 (440)	85 (3.35)	214 (8.43)	73 (2.87)	25.4 (1.00)	22.4 (0.88)	38 (1.50)	35 (1.38)	99 (3.90)	6.7 (0.26)	M8	90	0.350 (0.770)
KF-531 F	400 (880)	119 (4.69)	245 (9.65)	78 (3.07)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	52 (2.05)	8.5 (0.33)	M8	80	1.035 (2.277)
KF-531 FI	400 (880)	119 (4.69)	245 (9.65)	106 (4.17)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	52 (2.05)	8.5 (0.33)	M8	80	1.035 (2.277)
KF-531 FL	300 (660)	119 (4.69)	287 (11.30)	78 (3.07)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	95 (3.74)	8.5 (0.33)	M8	80	1.095 (2.409)
KF-531 FIL	300 (660)	119 (4.69)	287 (11.30)	106 (4.17)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	95 (3.74)	8.5 (0.33)	M10	80	1.095 (2.409)
KF-531 F TR	400 (880)	119 (4.69)	245 (9.65)	78 (3.07)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	52 (2.05)	8.5 (0.33)	M10	80	1.070 (2.354)
KF-531 FI TR	400 (880)	119 (4.69)	245 (9.65)	106 (4.17)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	52 (2.05)	8.5 (0.33)	M10	80	1.070 (2.354)
KF-531 FL TR	300 (660)	119 (4.69)	287 (11.30)	78 (3.07)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	95 (3.74)	8.5 (0.33)	M10	80	1.130 (2.486)
KF-531 FIL TR	300 (660)	119 (4.69)	287 (11.30)	106 (4.17)	32 (1.26)	37 (1.46)	50 (1.97)	55 (2.17)	95 (3.74)	8.5 (0.33)	M10	80	1.130 (2.486)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

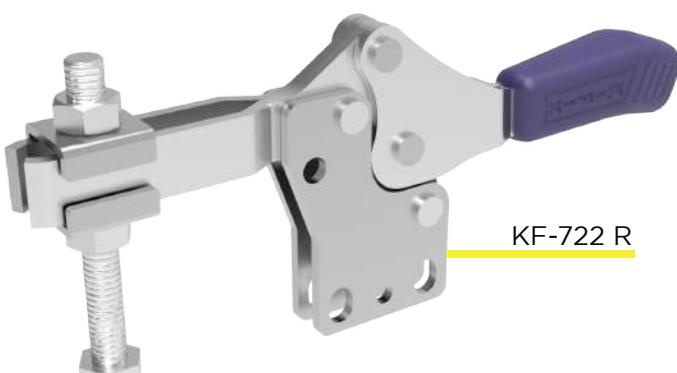
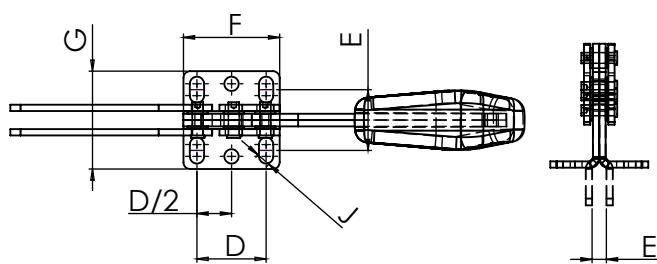
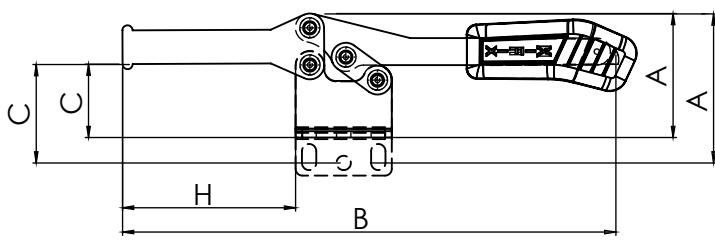
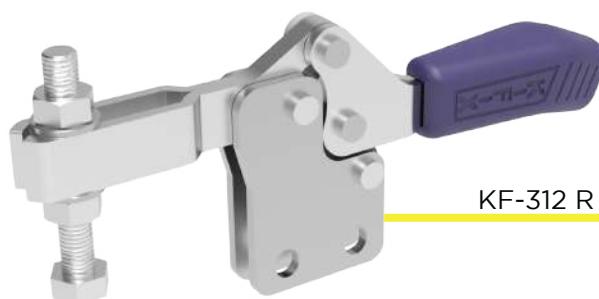
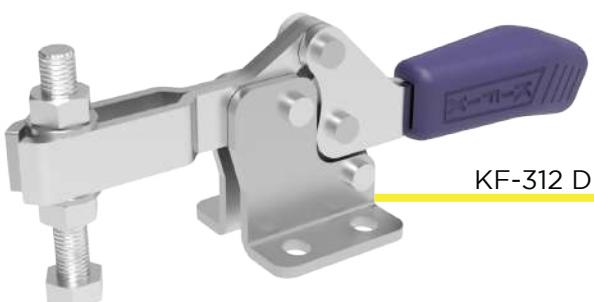
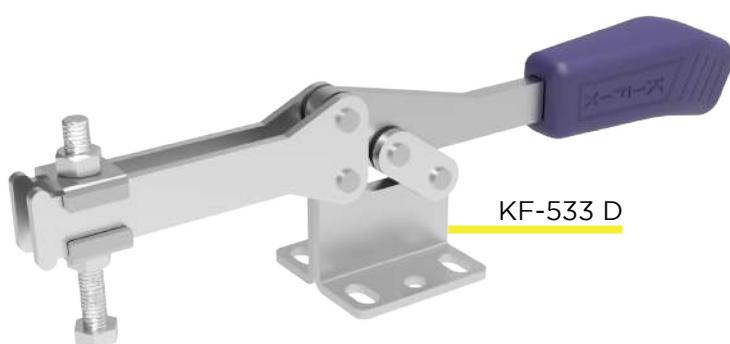
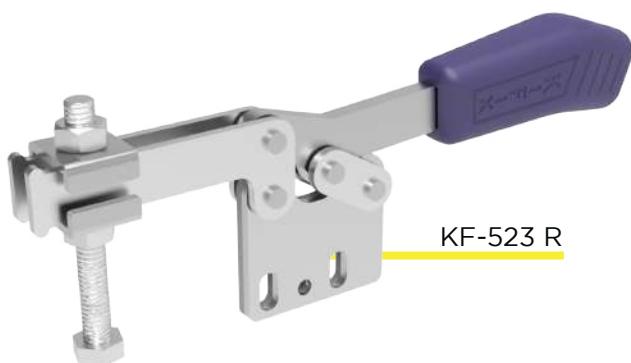
SAUTERELLES À SERRAGE HORIZONTAL



REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-531 D	400 (880)	78 (3,07)	239 (9,41)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	80	0,870 (1,914)
KF-531 DI	400 (880)	78 (3,07)	239 (9,41)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	80	0,870 (1,914)
KF-531 R	400 (880)	91 (3,58)	239 (9,41)	41 (1,61)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	80	0,870 (1,914)
KF-531 RI	400 (880)	91 (3,58)	239 (9,41)	69 (2,72)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	80	0,870 (1,914)
KF-531 DL	300 (660)	78 (3,07)	281 (11,06)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	80	0,940 (2,068)
KF-531 DIL	300 (660)	78 (3,07)	281 (11,06)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	80	0,940 (2,068)
KF-531 RL	300 (660)	91 (3,58)	281 (11,06)	41 (1,61)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	80	0,940 (2,068)
KF-531 RIL	300 (660)	91 (3,58)	281 (11,06)	69 (2,72)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	80	0,940 (2,068)
KF-531 D TR	400 (880)	78 (3,07)	245 (9,65)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	80	0,920 (2,024)
KF-531 DI TR	400 (880)	78 (3,07)	245 (9,65)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	80	0,920 (2,024)
KF-531 DL TR	300 (660)	78 (3,07)	287 (11,30)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	80	0,980 (2,156)
KF-531 DIL TR	300 (660)	78 (3,07)	287 (11,30)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	80	0,980 (2,156)
KF-541 D	400 (880)	78 (3,07)	261 (10,28)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	80	0,920 (2,024)
KF-541 DI	400 (880)	78 (3,07)	261 (10,28)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	57 (2,24)	8,5 (0,33)	M10	80	0,920 (2,024)
KF-541 R	400 (880)	91 (3,58)	261 (10,28)	41 (1,61)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	80	0,920 (2,024)
KF-541 RI	400 (880)	91 (3,58)	261 (10,28)	69 (2,72)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	57 (2,24)	8,5 (0,33)	M10	80	0,920 (2,024)
KF-541 DL	300 (660)	78 (3,07)	304 (11,97)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	80	0,960 (2,112)
KF-541 DIL	300 (660)	78 (3,07)	304 (11,97)	56 (2,20)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	100 (3,94)	8,5 (0,33)	M10	80	0,960 (2,112)
KF-541 RL	300 (660)	91 (3,58)	304 (11,97)	41 (1,61)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	80	0,960 (2,112)
KF-541 RIL	300 (660)	91 (3,58)	304 (11,97)	69 (2,72)	32 (1,26)	6,5 (0,26)	50 (1,97)	-	100 (3,94)	8,5 (0,33)	M10	80	0,960 (2,112)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE  
HORIZONTAL



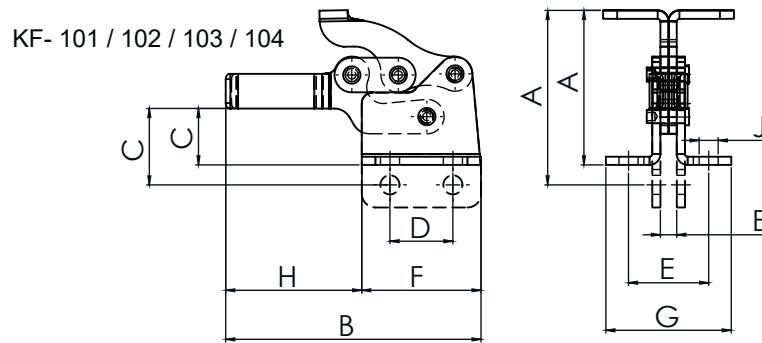
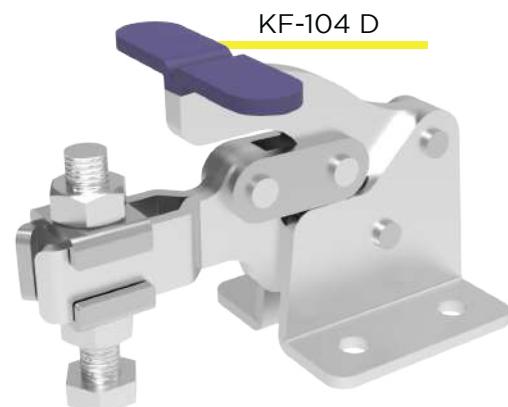
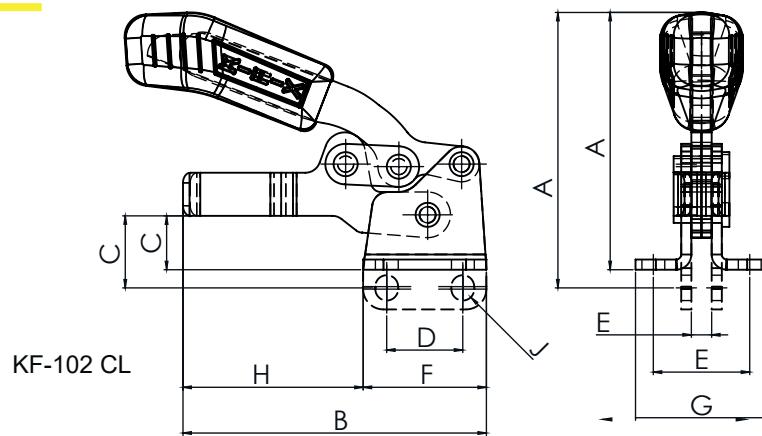
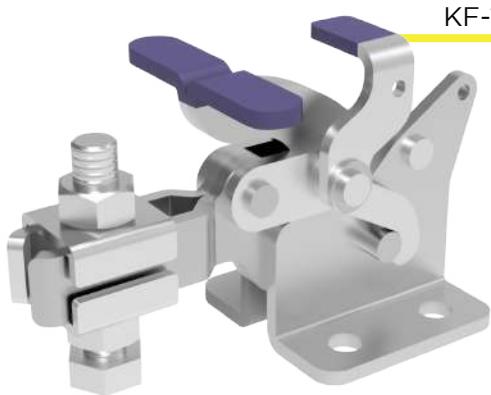
**BASES**  
D - Flanged Base  
R - Straight Base

**BASES**  
D - Base à plat  
R - Base droite

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-312 D	70 (154)	35 (1.38)	112 (4.41)	19 (0.75)	13.5 (0.53)	17.3 (0.68)	25.4 (1.00)	27.2 (1.07)	36 (1.42)	4.3 (0.17)	M5	90	0.085 (0.187)
KF-312 R	70 (154)	39 (1.54)	112 (4.41)	23 (0.91)	13.5 (0.53)	4.2 (0.17)	25.4 (1.00)	-	36 (1.42)	4.3 (0.17)	M5	90	0.085 (0.187)
KF-712 D	120 (264)	50 (1.97)	183 (7.20)	26 (1.02)	26.2 (1.03)	26.1 (1.03)	37.3 (1.47)	40 (1.57)	59 (2.32)	5.5 (0.22)	M6	90	0.205 (0.451)
KF-712 R	120 (264)	64 (2.52)	183 (7.20)	35 (1.38)	26.2 (1.03)	5.2 (0.20)	37.3 (1.47)	-	59 (2.32)	5.5 (0.22)	M6	90	0.205 (0.451)
KF-523 D	180 (396)	57 (2.24)	221 (8.70)	33 (1.30)	25.7 (1.01)	26.9 (1.06)	50 (1.97)	44.5 (1.75)	66 (2.60)	6.5 (0.26)	M8	90	0.410 (0.902)
KF-523 R	180 (396)	74 (2.91)	221 (8.70)	41 (1.61)	25.7 (1.01)	-	50 (1.97)	-	66 (2.60)	6.5 (0.26)	M8	90	0.410 (0.902)
KF-722 D	230 (506)	61 (2.40)	192 (7.56)	34 (1.34)	26.2 (1.03)	28.4 (1.12)	39.6 (1.56)	43.2 (1.70)	68.5 (2.70)	7.0 (0.28)	M8	90	0.355 (0.781)
KF-722 R	230 (506)	70 (2.76)	192 (7.56)	42 (1.65)	26.2 (1.03)	6.2 (0.24)	39.6 (1.56)	-	68.5 (2.70)	7.0 (0.28)	M8	90	0.355 (0.781)
KF-533 D	340 (748)	73.5 (2.89)	305 (12.01)	43.5 (1.71)	41 (1.61)	36 (1.42)	57 (2.24)	58 (2.28)	102.5 (4.04)	8.5 (0.33)	M8	90	0.800 (1.760)
KF-533 R	340 (748)	88.3 (3.48)	305 (12.01)	58.3 (2.30)	41 (1.61)	8.5 (0.33)	57 (2.24)	-	102.5 (4.04)	8.5 (0.33)	M8	90	0.800 (1.760)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE  
HORIZONTAL



**BASES**  
D - Flanged Base  
R - Straight Base

**HASTES**

CL - Long Handle

TR - With Toggle -  
Lock Plus

**BASES**  
D - Base à plat  
R - Base verticale

**BRAS**

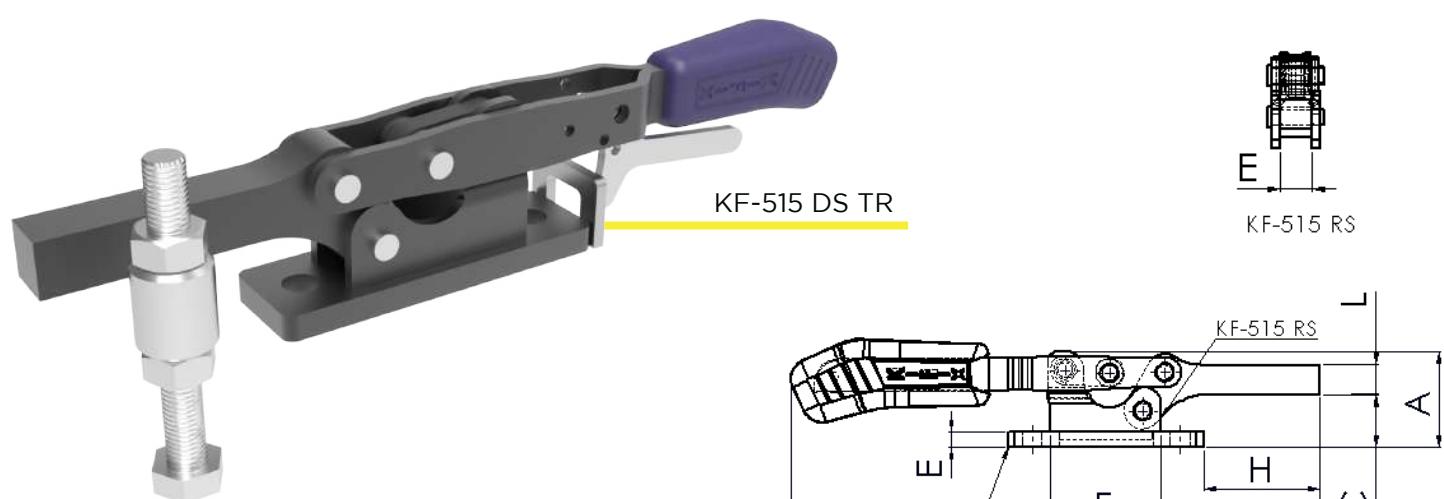
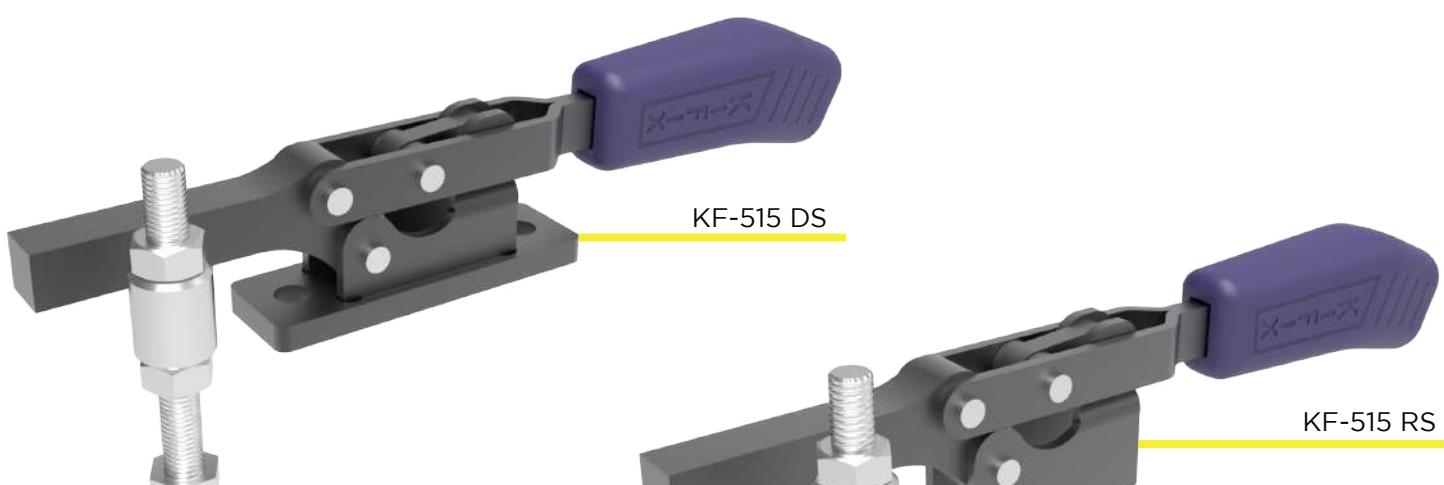
CL - Long  
manche

TR - Blocage

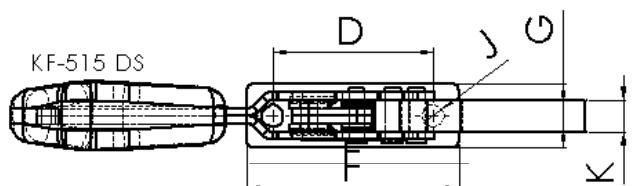
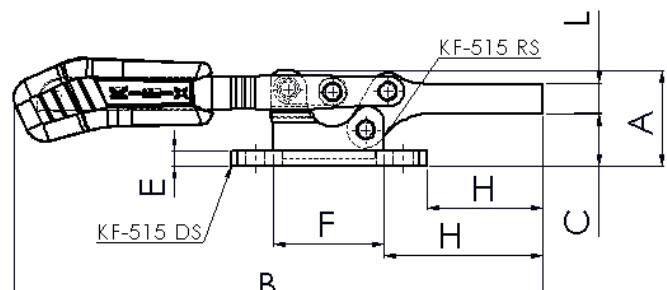
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-102 D	50 (110)	38 (1,50)	60 (2,36)	11 (0,43)	15 (0,59)	19 (0,75)	24 (0,94)	26 (1,02)	36 (1,42)	4,5 (0,18)	M6	75	0,075 (0,165)
KF-102 R	50 (110)	42 (1,65)	60 (2,36)	14 (0,55)	15 (0,59)	4 (0,16)	24 (0,94)	-	36 (1,42)	4,5 (0,18)	M6	75	0,075 (0,165)
KF-102 D CL	50 (110)	54 (2,13)	80 (3,15)	11 (0,43)	15 (0,59)	19 (0,75)	24 (0,94)	26 (1,02)	36 (1,42)	4,5 (0,18)	M6	75	0,085 (0,187)
KF-102 R CL	50 (110)	58 (2,28)	80 (3,15)	14 (0,55)	15 (0,59)	4 (0,16)	24 (0,94)	-	36 (1,42)	4,5 (0,18)	M6	75	0,085 (0,187)
KF-101 D	65 (143)	40 (1,57)	61 (2,40)	12,2 (0,48)	13,5 (0,53)	16 (0,63)	26 (1,02)	26 (1,02)	35 (1,38)	4,5 (0,18)	M6	75	0,075 (0,165)
KF-101 R	65 (143)	43 (1,69)	61 (2,40)	15 (0,59)	13,5 (0,53)	4 (0,16)	26 (1,02)	-	35 (1,38)	4,5 (0,18)	M6	75	0,075 (0,165)
KF-103 D	75 (165)	57 (2,24)	94 (3,70)	21 (0,83)	23 (0,91)	29 (1,14)	44 (1,73)	46 (1,81)	50 (1,97)	7,0 (0,28)	M6	85	0,260 (0,572)
KF-103 D TR	75 (165)	57 (2,24)	94 (3,70)	21 (0,83)	23 (0,91)	29 (1,14)	44 (1,73)	46 (1,81)	50 (1,97)	7,0 (0,28)	M6	85	0,275 (0,605)
KF-103 R	75 (165)	64 (2,52)	94 (3,70)	28 (1,10)	23 (0,91)	6 (0,24)	44 (1,73)	-	50 (1,97)	7,0 (0,28)	M6	85	0,260 (0,572)
KF-104 D	340 (748)	85,6 (3,37)	131,8 (5,19)	31,3 (1,23)	35 (1,38)	38,1 (1,50)	64 (2,52)	62,7 (2,47)	67,8 (2,67)	8,5 (0,33)	M6	90	0,670 (1,474)
KF-104 DS TR	340 (748)	85,6 (3,37)	131,8 (5,19)	31,3 (1,23)	35 (1,38)	38,1 (1,50)	64 (2,52)	62,7 (2,47)	48 (1,88)	8,5 (0,33)	M10	90	0,721 (1,589)
KF-104 R	340 (748)	95,9 (3,78)	131,8 (5,19)	41,6 (1,64)	35 (1,38)	7,5 (0,30)	64 (2,52)	-	67,8 (2,67)	8,5 (0,33)	M10	90	0,670 (1,474)

# HORIZONTAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE  
HORIZONTAL

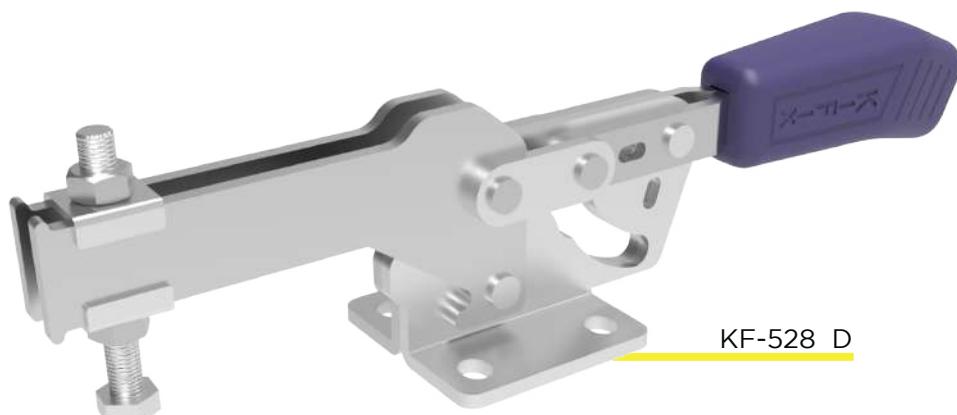


<b>BASES</b>	<b>BAR</b>
D - Flanged Base	S - Solid
R - Straight Base	
<b>BASES</b>	
D - Base à plat	
R - Base verticale	
<b>BRAS</b>	
S - Barre pleine	

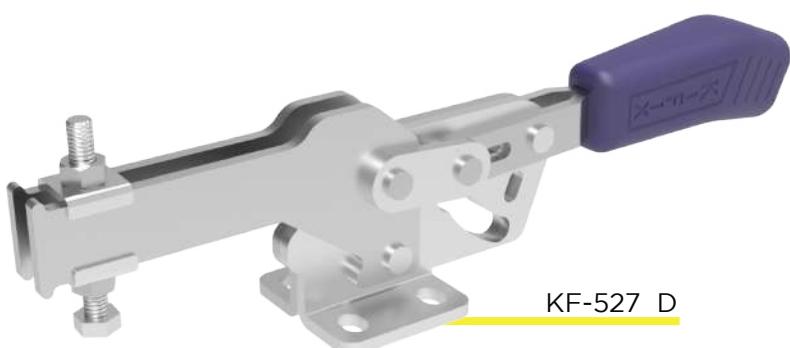


REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	K (IN)	L (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)												Broche	Angle d'ouverture	Poids
KF-515 DS	360 (792)	40.8 (1.61)	228 (8.98)	223 (0.88)	63.5 (2.50)	6.35 (0.25)	84 (3.31)	25.4 (1.00)	50 (1.97)	8.5 (0.33)	12.7 (0.50)	12.7 (0.50)	M8	85	0.520 (1.144)
KF-515 DS TR	360 (792)	40.8 (1.61)	228 (8.98)	223 (0.88)	63.5 (2.50)	6.35 (0.25)	84 (3.31)	25.4 (1.00)	50 (1.97)	8.5 (0.33)	12.7 (0.50)	12.7 (0.50)	M8	85	0.520 (1.144)
KF-515 RS	360 (792)	40.8 (1.61)	228 (8.98)	223 (0.88)	-	12.7 (0.50)	47.8 (1.88)	-	68.2 (2.69)	-	12.7 (0.50)	12.7 (0.50)	M8	85	0.450 (0.990)

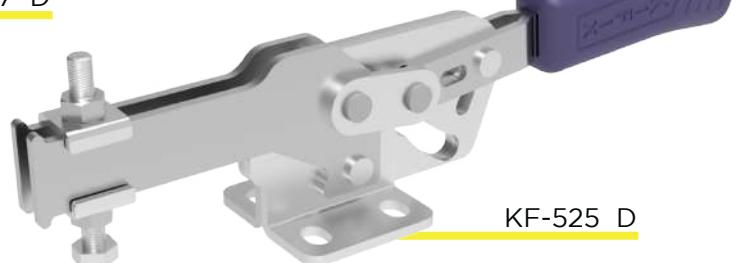
# REINFORCED HORIZONTAL CLAMPS SAUTERELLES HORIZONTALE RENFORCÉE



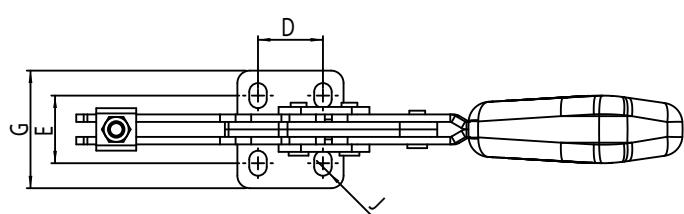
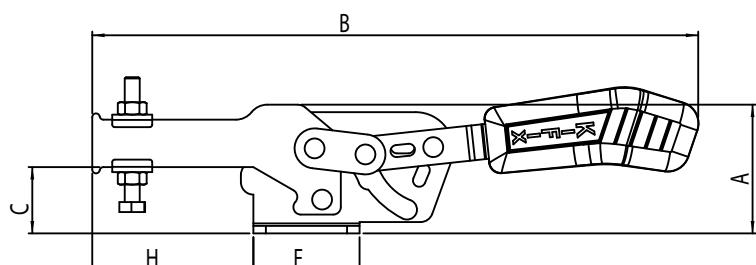
KF-528 D



KF-527 D



KF-525 D

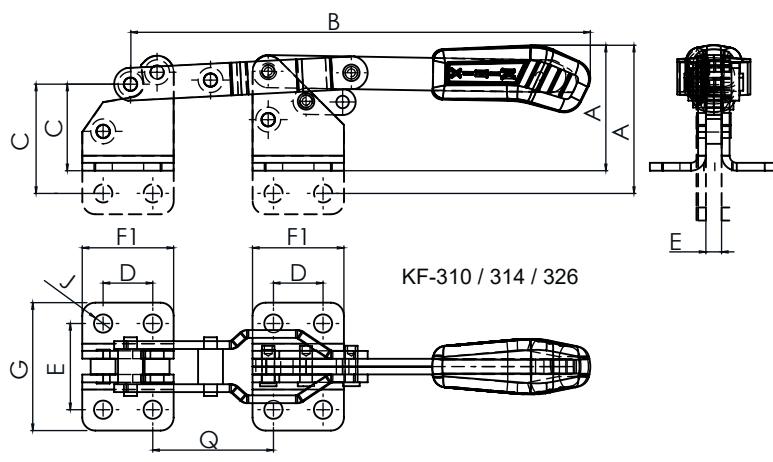
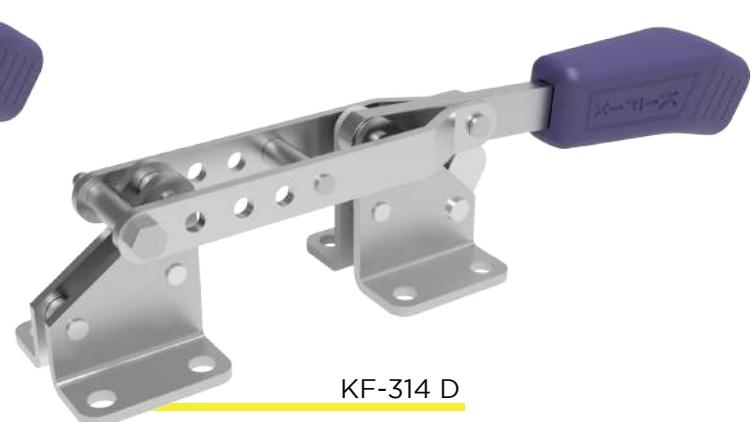
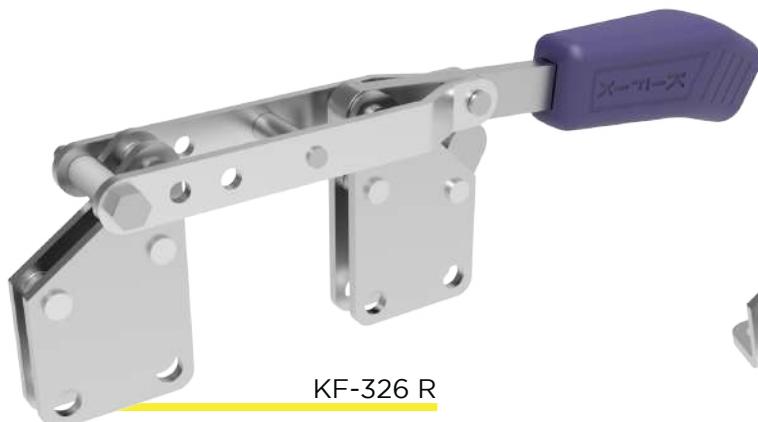
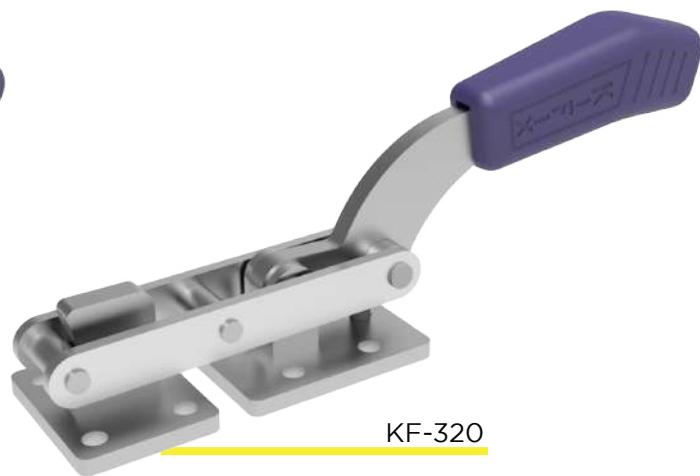
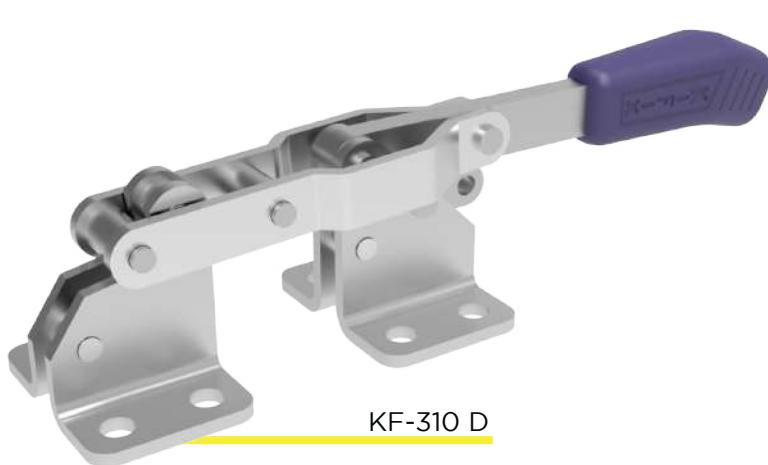


**BASES**  
D - Flanged Base

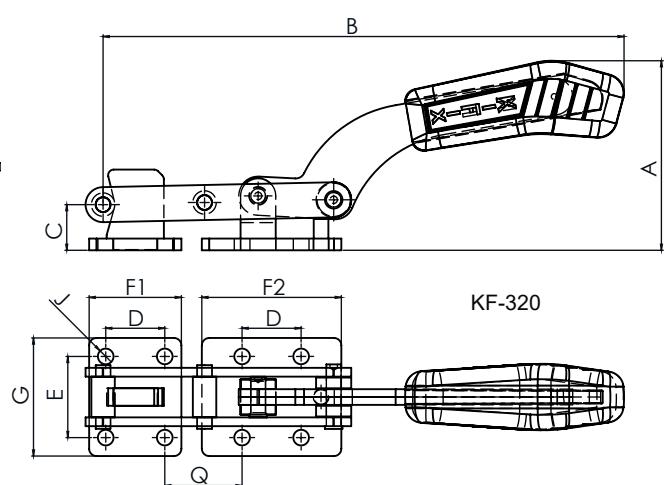
**BASES**  
D - Base à plat

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-524 D	130 (286,60)	34.4 (1,35)	167 (6,57)	19 (0,74)	13,5 (0,53)	17 (0,66)	25,4 (1,00)	27 (1,06)	1,65 (0,06)	4,5 (1,77)	M6	69	0,17 (0,37)
KF-525 D	230 (507,06)	51,5 (2,02)	242 (9,52)	26 (1,02)	26 (1,02)	27 (1,06)	42,5 (1,67)	47 (1,85)	64,5 (2,53)	7 (0,27)	M6	69	0,47 (1,03)
KF-527 D	230 (507,06)	60 (2,36)	258 (10,15)	35 (1,37)	26 (1,02)	29,9 (1,17)	42,5 (1,67)	46,9 (1,84)	72 (2,83)	7 (0,27)	M6	69	0,60 (1,32)
KF-528 D	240 (529,10)	70,8 (2,78)	305 (12,00)	41 (1,61)	42 (1,65)	41 (1,61)	62 (2,44)	63,5 (2,50)	93 (3,66)	8,5 (0,33)	M8	69	1,03 (2,27)

# PULL ACTION LATCH CLAMP SAUTERELLE À CROCHET



**BASES**  
D - Flanged Base  
R - Straight Base

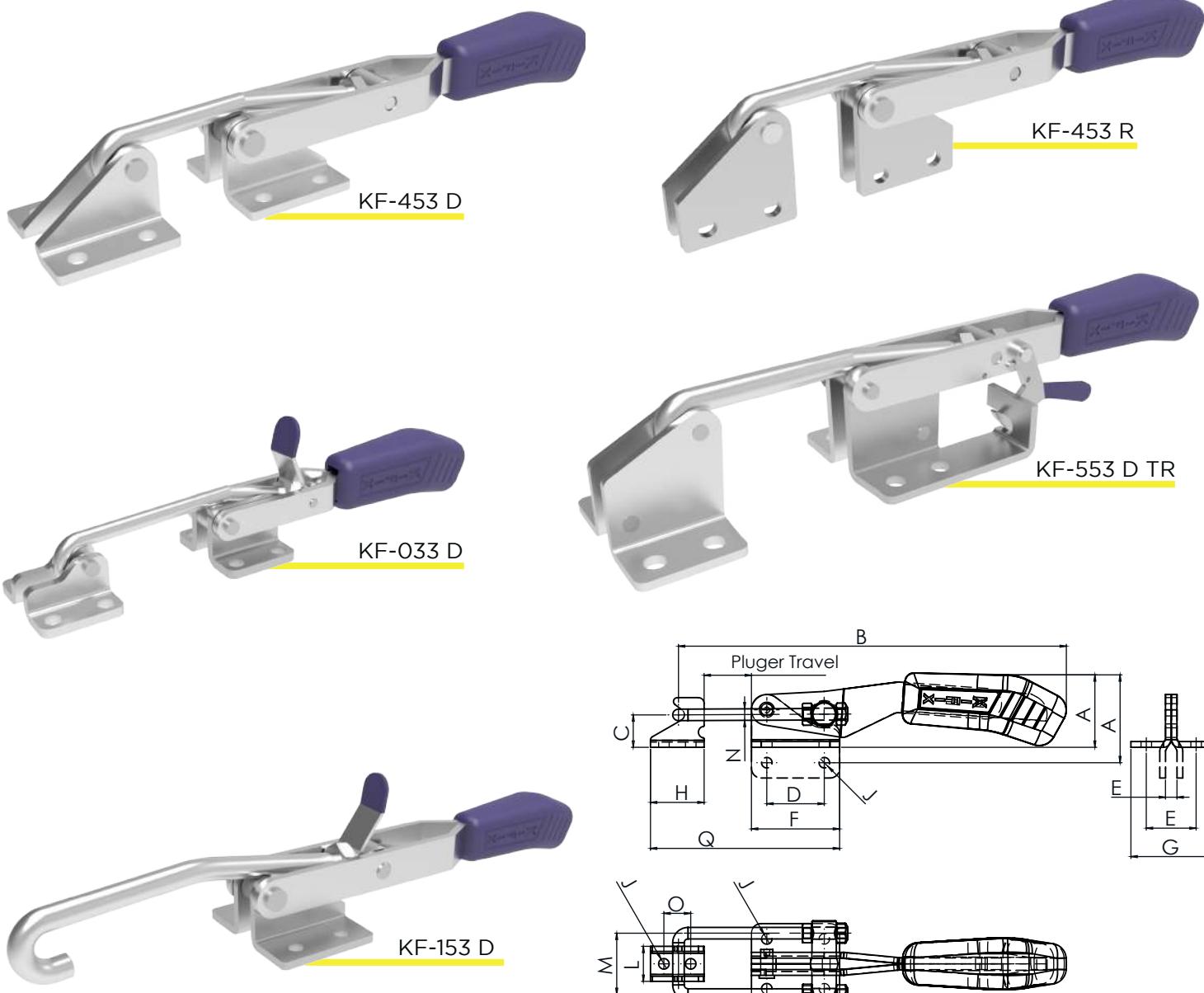


**BASES**  
D - Base à plat  
R - Base verticale

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F1 (IN)	F2 (IN)	G (IN)	J (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Gouge à crochet	Poids
KF-310 D	170 (374)	48 (1,89)	176 (6,93)	33 (1,30)	19 (0,75)	33 (1,30)	35 (1,38)	-	49 (1,93)	7,0 (0,28)	46 (1,81)	M6	0,350 (0,770)
KF-310 R	170 (374)	57 (2,24)	176 (6,93)	42 (1,65)	19 (0,75)	6 (0,24)	35 (1,38)	-	-	7,0 (0,28)	46 (1,81)	M6	0,350 (0,770)
KF-314 D	340 (748)	60 (2,36)	263 (10,35)	47 (1,85)	32 (1,26)	44 (1,73)	48 (1,89)	-	60 (2,36)	8,5 (0,33)	74 (2,91)	M6	0,830 (1,826)
KF-314 R	340 (748)	73 (2,87)	263 (10,35)	60 (2,36)	32 (1,26)	8 (0,31)	48 (1,89)	-	-	8,5 (0,33)	74 (2,91)	M6	0,830 (1,826)
KF-326 D	340 (748)	60 (2,36)	263 (10,35)	47 (1,85)	32 (1,26)	44 (1,73)	48 (1,89)	-	60 (2,36)	8,5 (0,33)	74 (2,91)	M6	0,830 (1,826)
KF-326 R	340 (748)	73 (2,87)	263 (10,35)	60 (2,36)	32 (1,26)	8 (0,31)	48 (1,89)	-	-	8,5 (0,33)	74 (2,91)	M6	0,830 (1,826)
KF-320	800 (1760)	103 (4,06)	282 (11,10)	25 (0,98)	32 (1,26)	44 (1,73)	50 (1,97)	76 (2,99)	64 (2,52)	8,5 (0,33)	42 (1,65)	M6	1,250 (2,750)



# PULL ACTION LATCH CLAMP SAUTERELLES À CROCHET



**BASES**  
D - Flanged Base  
R - Straight Base

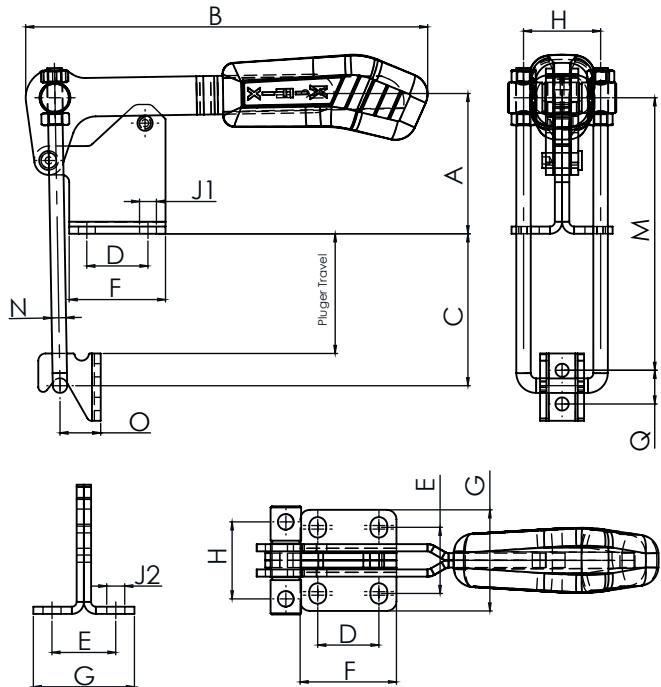
**BAR**  
L - Long U-Bar  
TR - With Toggle  
- Lock Plus

**BASES**  
D - Base à plat  
R - Base verticale

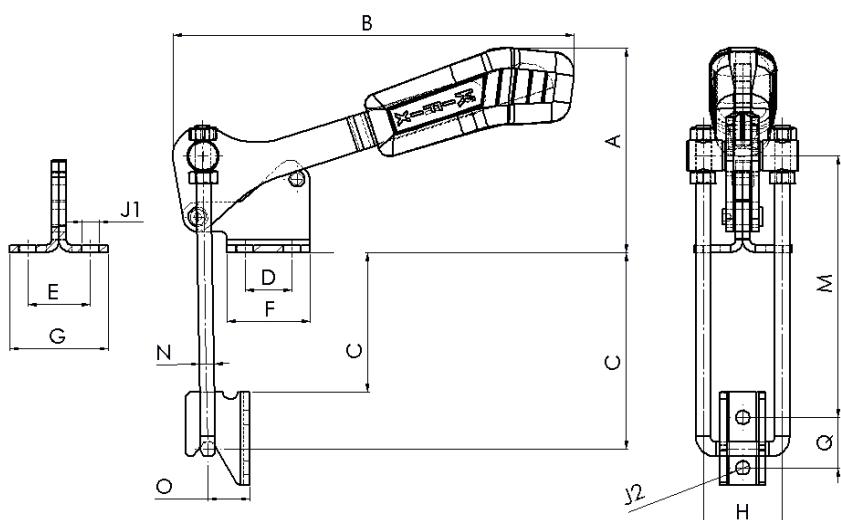
**BRAS**  
L - Barre en U longue  
TR - Blocage

REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	J (IN)	N (IN)	Q (IN)	R (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur												Gouge à crochet	Poids
KF-033 D	90 (198)	35.5 (1.39)	26 (1.02)	163 (6.42)	12 (0.47)	16 (0.63)	25.4 (1.00)	25.4 (1.00)	34 (1.34)	5.5 (0.22)	5 (0.20)	46 (1.81)	8 (0.31)	M5	0.160 (0.352)
KF-033 DL	65 (143)	122 (4.80)	30 (1.18)	240 (9.45)	12 (0.47)	16 (0.63)	25.4 (1.00)	25.4 (1.00)	34 (1.34)	5.5 (0.22)	5 (0.20)	124 (4.88)	8 (0.31)	M5	0.180 (0.396)
KF-353 D	120 (264)	15.2 (0.59)	35 (1.38)	215 (8.46)	18 (0.7)	25.4 (1.00)	25 (0.98)	35 (1.38)	38 (1.50)	5.5 (0.22)	6 (0.24)	40 (1.57)	8 (0.31)	M6	0.300 (0.660)
KF-353 R	120 (264)	30.2 (1.18)	39 (1.54)	215 (8.46)	23 (0.91)	25.4 (1.00)	6.4 (0.25)	35 (1.38)	-	5.5 (0.22)	6 (0.24)	40 (1.57)	8 (0.31)	M6	0.300 (0.660)
KF-353 DTR	120 (264)	29.2 (1.14)	35 (1.38)	215 (8.46)	18 (0.7)	25.4 (1.00)	25 (0.98)	35 (1.38)	38 (1.50)	5.5 (0.22)	6 (0.24)	40 (1.57)	8 (0.31)	M6	0.310 (0.682)
KF-153 D	170 (374)	58 (2.28)	35 (1.38)	241 (9.49)	19 (0.75)	19.1 (0.75)	35 (1.38)	38.1 (1.50)	49.3 (1.94)	5.5 (0.22)	8 (0.31)	-	5 (0.20)	M8	0.330 (0.726)
KF-153 DTR	170 (374)	58 (2.28)	35 (1.38)	251 (9.88)	19 (0.75)	19.1 (0.75)	35 (1.38)	38.1 (1.50)	49.3 (1.94)	5.5 (0.22)	8 (0.31)	-	5 (0.20)	M8	0.370 (0.814)
KF-153 R	170 (374)	58 (2.28)	442 (1.74)	241 (9.49)	28 (1.10)	19.1 (0.75)	8 (0.31)	38.1 (1.50)	-	5.5 (0.22)	8 (0.31)	-	5 (0.20)	M8	0.330 (0.726)
KF-453 D	340 (748)	28 (1.10)	40 (1.57)	248 (9.76)	25 (0.98)	25.4 (1.00)	36 (1.42)	45 (1.77)	51 (2.01)	7.0 (0.28)	8 (0.31)	44 (1.73)	10 (0.39)	M8	0.550 (1.210)
KF-453 R	340 (748)	28 (1.10)	48 (1.89)	248 (9.76)	32 (1.26)	25.4 (1.00)	10 (0.39)	45 (1.77)	-	7.0 (0.28)	8 (0.31)	44 (1.73)	10 (0.39)	M8	0.550 (1.210)
KF-453 DTR	340 (748)	28 (1.10)	40 (1.57)	248 (9.76)	25 (0.98)	25.4 (1.00)	36 (1.42)	45 (1.77)	51 (2.01)	7.0 (0.28)	8 (0.31)	44 (1.73)	10 (0.39)	M8	0.570 (1.254)
KF-553 D	900 (1980)	76 (2.99)	72 (2.83)	367 (14.45)	51 (2.01)	28.5 (1.12)	60.5 (2.38)	54 (2.13)	85.5 (3.37)	10.6 (0.42)	12 (0.47)	90 (3.54)	10 (0.39)	M123	1.550 (3.410)
KF-553 R	900 (1980)	76 (2.99)	88 (3.46)	367 (14.45)	67 (2.64)	28.5 (1.12)	13.5 (0.53)	54 (2.13)	-	10.6 (0.42)	12 (0.47)	90 (3.54)	10 (0.39)	M12	1.550 (3.410)
KF-553 D TR	900 (1980)	76 (2.99)	72 (2.83)	367 (14.45)	51 (2.01)	28.5 (1.12)	60.5 (2.38)	54 (2.13)	85.5 (3.37)	10.6 (0.42)	12 (0.47)	90 (3.54)	10 (0.39)	M12	1.650 (3.630)

# PULL ACTION LATCH CLAMP SAUTERELLES À CROCHET

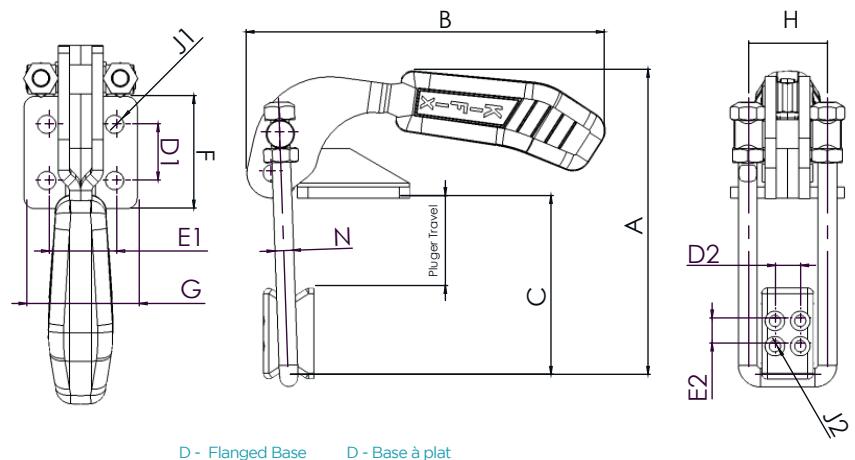


REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C MÁX (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J1 (IN)	J2 (IN)	M MÍN (IN)	M MÁX (IN)	N (IN)	O (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur																Gouge à crochet	Poids
KF-063	200 (440)	40 (1.57)	41 (1.61)	129 (5.08)	72 (2.83)	24 (0.94)	26 (1.02)	35 (1.38)	37.5 (1.48)	25 (0.98)	6.0 (0.24)	8.0 (0.31)	45 (1.77)	105 (4.13)	5 (0.20)	13 (0.51)	11 (0.43)	M5	0.25 (0.550)
KF-063 TR	200 (440)	40 (1.57)	44 (1.73)	137 (5.39)	76 (2.99)	24 (0.94)	26 (1.02)	35 (1.38)	37.5 (1.48)	25 (0.98)	6.0 (0.24)	8.0 (0.31)	45 (1.77)	105 (4.13)	5 (0.20)	13 (0.51)	11 (0.43)	M5	0.32 (0.704)
KF-163	340 (748)	50 (1.97)	58 (2.28)	167 (6.57)	58 (2.28)	25 (1.00)	27.5 (1.08)	40 (1.57)	42 (1.65)	32 (1.26)	7.0 (0.28)	8.5 (0.33)	63 (2.48)	108 (4.25)	6 (0.24)	16 (0.63)	14 (0.55)	M6	0.43 (0.946)
KF-263	680 (1496)	80 (3.15)	52 (2.05)	196 (7.72)	78 (3.07)	32 (1.26)	33 (1.30)	50 (1.97)	55 (2.17)	38 (1.50)	8.5 (0.33)	12.0 (0.47)	67 (2.64)	127 (5.00)	8 (0.31)	22 (0.87)	19 (0.75)	M8	0.93 (2.046)
KF-263 TR	680 (1496)	80 (3.15)	55 (2.17)	211 (8.31)	74 (2.91)	32 (1.26)	33 (1.30)	50 (1.97)	55 (2.17)	38 (1.50)	8.5 (0.33)	12.0 (0.47)	71 (2.80)	127 (5.00)	8 (0.31)	22 (0.87)	19 (0.75)	M8	1.09 (2.398)

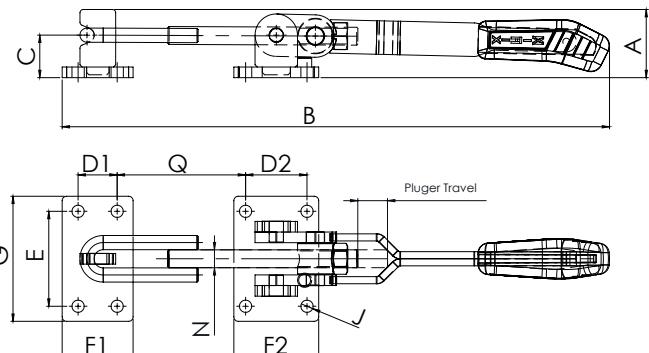
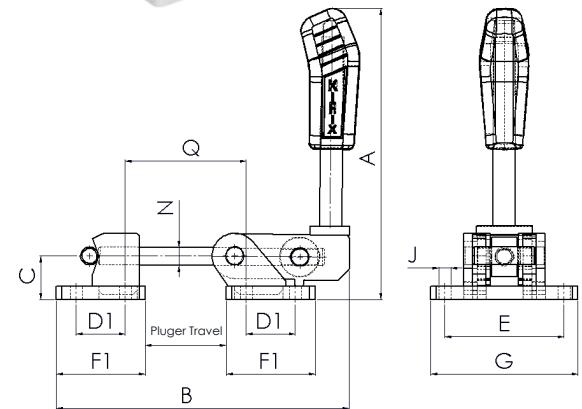
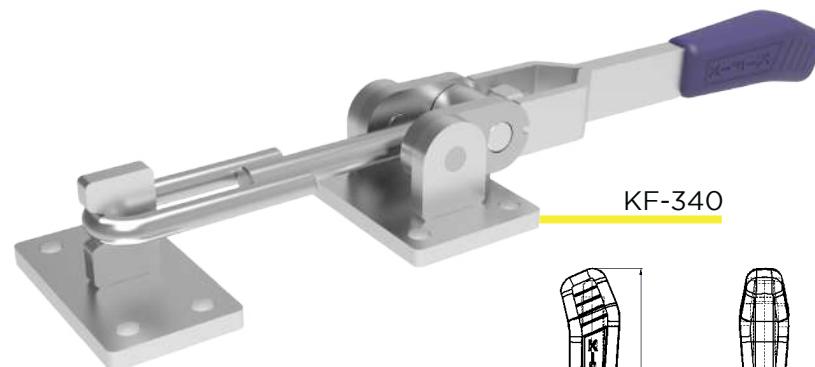


REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C MÁX (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J1 (IN)	J2 (IN)	M MÍN (IN)	M MÁX (IN)	N (IN)	O (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur																Gouge à crochet	Poids
KF-423	220 (484)	32 (1.26)	77 (3.03)	122 (4.80)	83 (3.27)	12.7 (0.50)	22.4 (0.88)	25.4 (1.00)	35.1 (1.38)	25 (0.98)	5.1 (0.20)	4.3 (0.17)	35 (1.38)	102 (4.02)	5 (0.20)	14 (0.55)	14.2 (0.56)	M5	0.230 (0.506)
KF-423 D TR	220 (484)	32 (1.26)	77 (3.03)	122	83 (3.27)	12.7 (0.50)	22.4 (0.88)	25.4 (1.00)	35.1 (1.38)	25 (0.98)	5.1 (0.20)	4.3 (0.17)	35 (1.38)	102 (4.02)	5 (0.20)	14 (0.55)	14.2 (0.56)	M5	0.231 (0.509)
KF-433	450 (990)	32 (1.26)	84 (3.31)	162 (6.38)	80 (3.15)	19.1 (0.75)	25.4 (1.00)	33.3 (1.31)	39.6 (1.56)	32 (1.26)	7.1 (0.28)	5.6 (0.22)	50 (1.97)	107 (4.21)	6 (0.24)	17 (0.67)	20.6 (0.81)	M6	0.400 (0.880)
KF-443	890 (1958)	32 (1.26)	93 (3.66)	194 (7.64)	88 (3.46)	31.8 (1.25)	36.6 (1.44)	49.3 (1.94)	53.8 (2.12)	38 (1.50)	8.6 (0.34)	8.6 (0.34)	65 (2.56)	119 (4.69)	8 (0.31)	21 (0.83)	27 (1.06)	M8	0.890 (1.958)

# PULL ACTION LATCH CLAMP SAUTERELLES À CROCHET

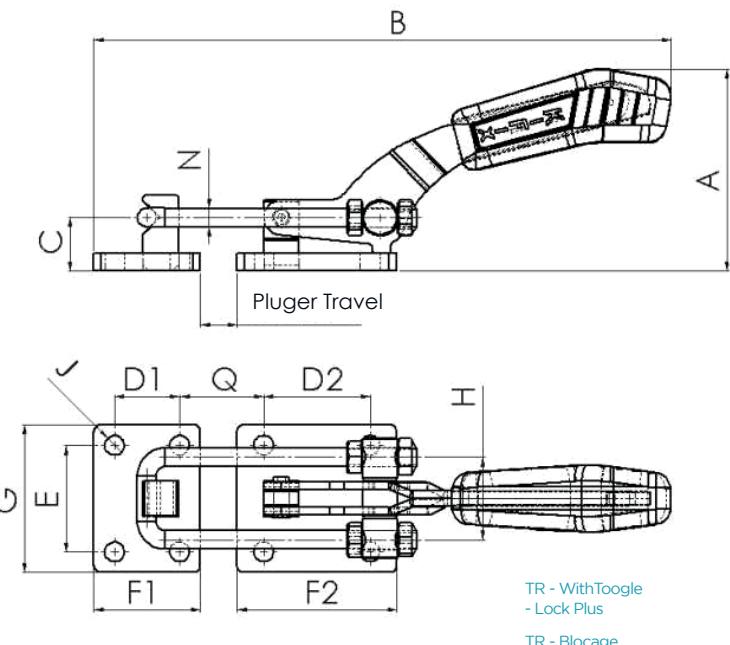


REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D1 (IN)	D2 (IN)	E1 (IN)	E2 (IN)	F (IN)	G (IN)	H (IN)	J1 (IN)	J2 (IN)	N (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur														Gouge à crochet	Poids
KF-473 D	1800 (3960)	44 (1.73)	172 (6.77)	202 (7.95)	101 (3.98)	31.8 (1.25)	14.2 (0.56)	38.1 (1.50)	14.2 (0.56)	63.5 (2.50)	63.5 (2.50)	44.5 (1.75)	10.3 (0.41)	6.4 (0.25)	10 (0.39)	M10	1,500 (3,300)

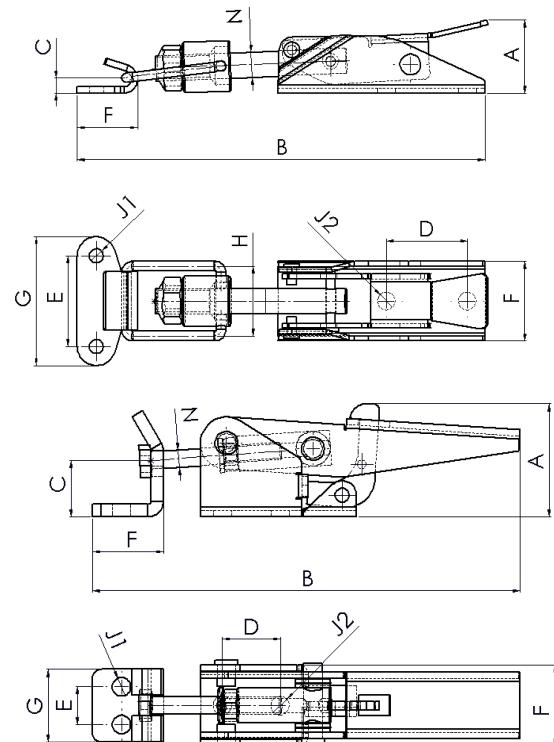


REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B MÁX (IN)	C (IN)	D1 (IN)	D2 (IN)	E (IN)	F1 (IN)	F2 (IN)	G (IN)	J (IN)	N (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur													Gouge à crochet	Poids
KF-330	1500 (3300)	48 (1.89)	208 (8.19)	209 (8.23)	31 (1.22)	35 (1.38)	-	85 (3.35)	63.5 (2.50)	-	105 (4.13)	8.5 (0.33)	12.7 (0.50)	86 (3.39)	M16	2,960 (6,512)
KF-350	1800 (3960)	50 (1.97)	246 (9.69)	239 (9.41)	44 (1.73)	35 (1.38)	-	94 (3.70)	60 (2.36)	-	120 (4.72)	11.0 (0.43)	16 (0.63)	80 (3.15)	M16	3,970 (8,734)
KF-340	2500 (5500)	53 (2.09)	61 (2.40)	490 (19.29)	38.1 (1.50)	35 (1.38)	55 (2.17)	85 (3.35)	63.5 (2.50)	76 (2.99)	112 (4.41)	11.0 (0.43)	16 (0.63)	115 (4.53)	M16	3,200 (7,040)

# PULL ACTION LATCH CLAMP SAUTERELLES À CROCHET



REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B MÁX (IN)	C (IN)	D1 (IN)	D2 (IN)	E (IN)	F1 (IN)	F2 (IN)	G (IN)	H (IN)	J (IN)	N (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur														Gouge à crochet	Poids
KF-375	1500 (3300)	105 (4,13)	105 (4,29)	310 (12,20)	29 (1,14)	35 (1,38)	57,2 (2,25)	57,2 (2,25)	57 (2,24)	86 (3,39)	80 (3,15)	45 (1,77)	10,5 (0,41)	10 (0,39)	45 (1,77)	M10	1.800 (3.960)
KF-375 TR	1500 (3300)	105 (4,13)	117 (4,61)	326 (12,83)	29 (1,14)	35 (1,38)	57,2 (2,25)	57,2 (2,25)	57 (2,24)	86 (3,39)	80 (3,15)	45 (1,77)	10,5 (0,41)	10 (0,39)	45 (1,77)	M10	2.140 (4.708)
KF-385	3400 (7480)	105 (4,13)	106 (4,17)	310 (12,20)	29 (1,14)	35 (1,38)	57,2 (2,25)	57,2 (2,25)	57 (2,24)	86 (3,39)	80 (3,15)	54 (2,13)	10,5 (0,41)	12 (0,47)	50 (1,97)	M12	2.200 (4.840)
KF-385 TR	3400 (7480)	105 (4,13)	110 (4,33)	335 (13,18)	29 (1,14)	35 (1,38)	57,2 (2,25)	57,5 (2,26)	57 (2,24)	86 (3,39)	80 (3,15)	54 (2,13)	10,5 (0,41)	10,5 (0,41)	50 (1,97)	M12	2.500 (5.511)



REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J1 (IN)	J2 (IN)	N (IN)	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur												Poids
KFC3	3 (7)	24 (0,94)	23 (0,91)	128 (5,04)	5 (0,20)	25,5 (1,00)	28,5 (1,12)	19 (0,75)	40,5 (1,59)	22 (0,87)	4,4 (0,17)	5,5 (0,22)	8 (0,31)	0,130 (0,286)
KFC4	100 (220)	27 (1,06)	18,4 (0,72)	67 (6,57)	13 (0,51)	8 (0,31)	14,3 (0,56)	26 (1,02)	25,5 (1,00)	0	4,2 (0,166)	4,2 (0,166)	4 (0,15)	0,53 (1,16)
KFC5	180 (396)	60 (2,36)	38,9 (1,53)	148 (5,83)	17,5 (0,69)	20 (0,79)	13 (0,51)	24,5 (0,96)	25 (0,98)	-	6,4 (0,25)	6,4 (0,25)	6 (0,24)	0,235 (0,517)

# PULL ACTION LATCH CLAMP WITH STRAP

SAUTERELLES SANGLE À CROCHET



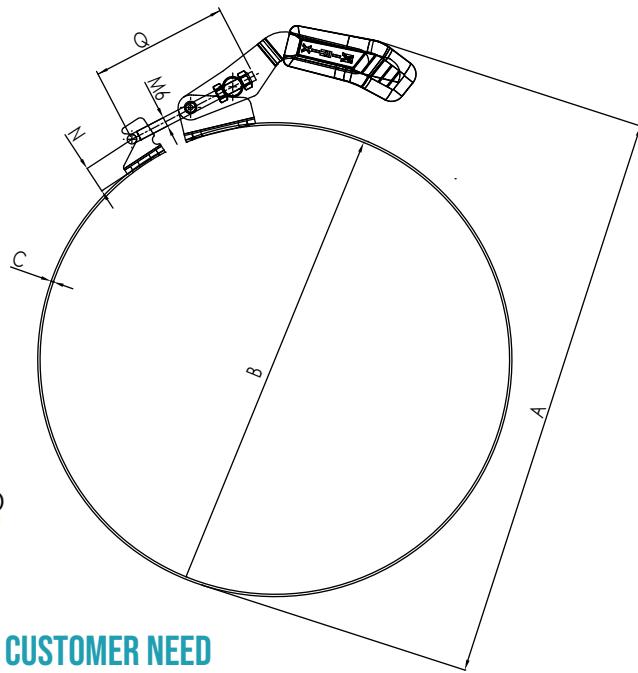
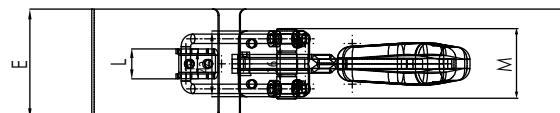
KF-233 CT 50



KF-743 CT 200



KF-843 CT 300



**STRAP PRODUCED ACCORDING TO A CUSTOMER NEED**

SANGLE FABRIQUÉE SELON LES BESOINS DU CLIENT

**AVAILABLE IN PULL ACTION LATCH CLAMP: KF-233 | KF-743 | KF-843 - PAG 26**

disponible en pince de verrouillage à traction: kf-233|kf-743|kf-843 - page 26

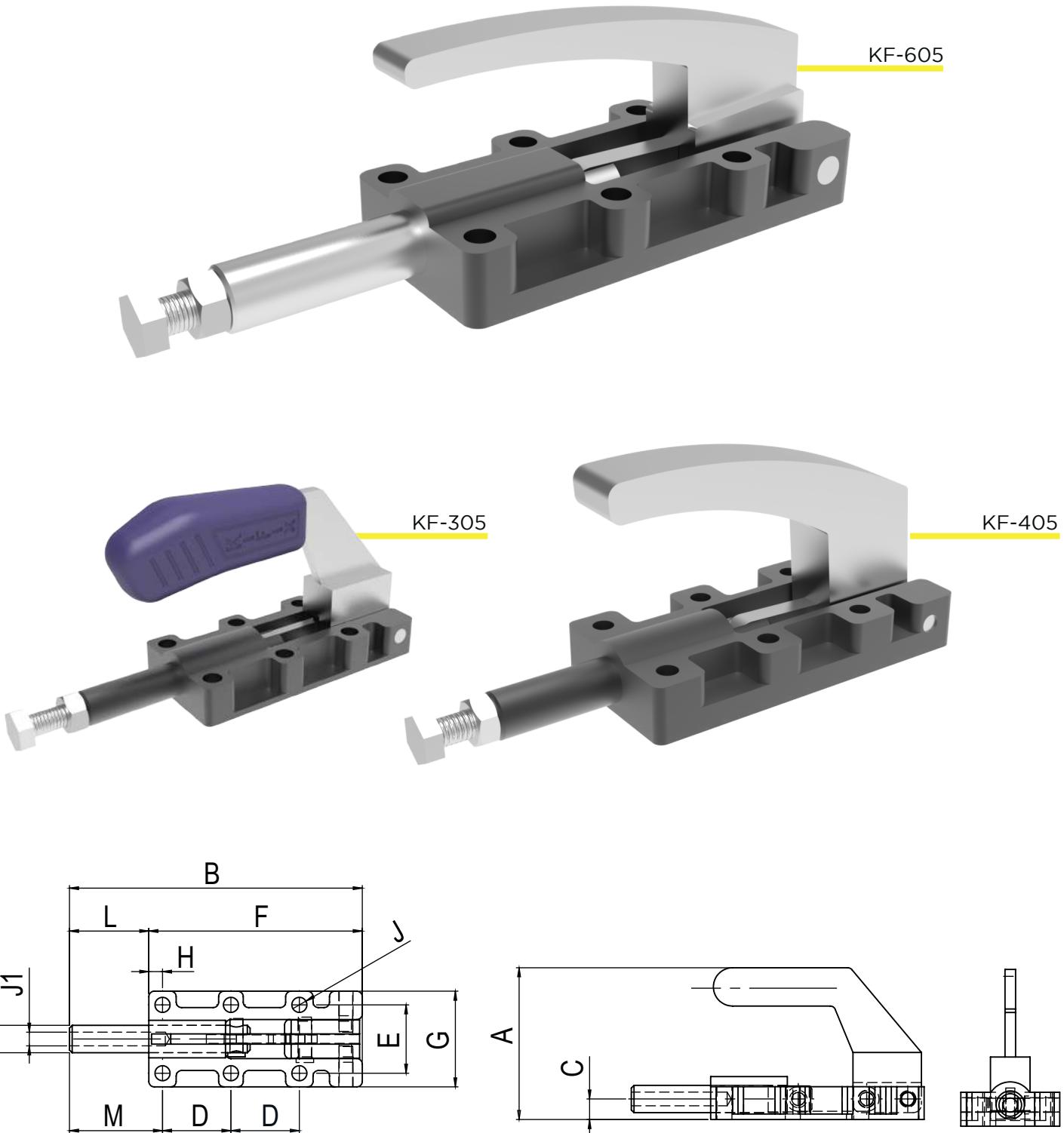
CT - Strap  
CT - Sangle

**EXEMPLE:**

REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	E (IN)	L (IN)	M (IN)	N (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur									Gouge à crochet	Poids
KF-233 CT50	160 (352)	14 (0.55)	100 (3.93)	50 (1.96)	1.5 (0.05)	25 (0.98)	4.3 (0.16)	19 (0.74)	4 (0.15)	53 (2.08)	M4	0,153 (0,337)
KF-743 CT200	200 (440)	16 (0.62)	236 (9.29)	200 (7.87)	1.5 (0.05)	30 (1.18)	6.3 (0.24)	25 (0.98)	5 (0.19)	65 (2.55)	M5	0,390 (0,859)
KF-843 CT300	200 (440)	16 (0.62)	365 (14.37)	250 (9.84)	1.5 (0.05)	70 (2.75)	19 (0.74)	70 (2.75)	6 (0.23)	90 (3.54)	M6	1,145 (2,524)

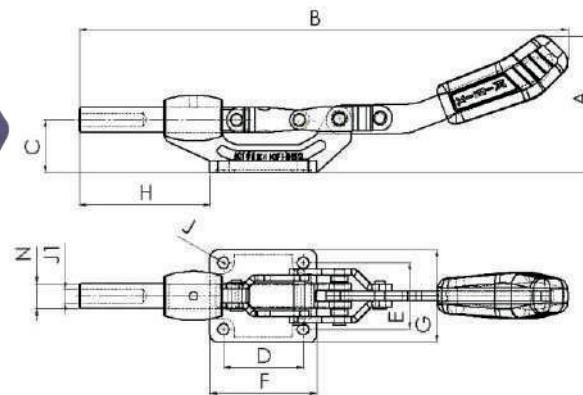
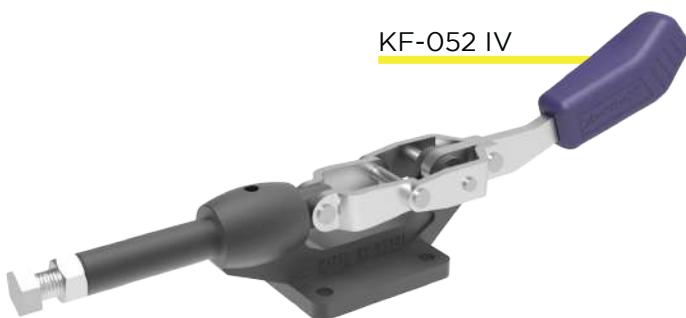
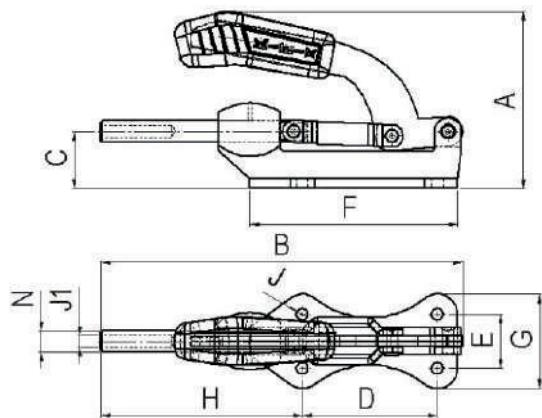
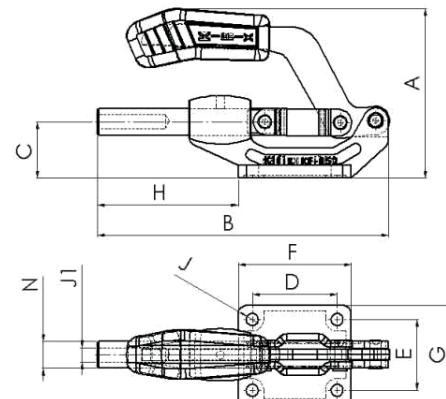
# STRAIGHT LINE ACTION CLAMP

SAUTERELLES POUSSOIR



REFERENCE Référence	RETENTION FORCE KGF (LBF) Force de rétention Kgf (lbf)	PLUNGER TRAVEL (IN) Course du plongeur	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	J1 (IN)	L (IN)	M (IN)	N (IN)	SPINDLE WEIGHT KG (LB) Broche Poids
KF-305	250 (550)	25 (0.98)	60 (2.36)	105 (4.13)	7.5 (0.30)	25 (0.98)	25 (0.98)	78 (3.07)	35 (1.38)	5 (0.20)	5.5 (0.22)	M6X1.00	26.5 (1.04)	32 (1.26)	10 (0.39)	M6 0.350 (0.770)
KF-405	500 (1100)	35 (1.38)	73 (2.87)	148 (5.83)	10 (0.39)	35 (1.38)	35 (1.38)	111 (4.37)	51 (2.01)	8.5 (0.33)	6.5 (0.26)	M8X1.25	37 (1.46)	46 (1.81)	14 (0.55)	M8 1.100 (2.420)
KF-505	750 (1650)	50 (1.97)	78 (3.07)	190 (7.48)	14 (0.55)	45 (1.77)	45 (1.77)	141 (5.55)	66 (2.60)	10 (0.39)	8.5 (0.33)	M12X1.75	50 (1.97)	60 (2.36)	19 (0.75)	M12 1.820 (4.004)
KF-605	1200 (2640)	60 (2.36)	84 (3.31)	238 (9.37)	16 (0.63)	55 (2.17)	55 (2.17)	171 (6.73)	76 (2.99)	10 (0.39)	10.5 (0.41)	M12X1.75	67 (2.64)	77 (3.03)	22 (0.87)	M12 2.870 (6.314)
KF-067	1500 (3306)	41.5 (16.3)	97 (3.81)	151.5 (5.95)	17.5 (0.68)	35 (1.37)	41 (1.61)	107.5 (4.23)	55 (2.16)	16 (0.62)	7 (0.27)	M8X1.25	43 (1.69)	61 (2.40)	12 (0.47)	M8 0.676 (1.490)

# STRAIGHT LINE ACTION CLAMP SAUTERELLES POUSSOIR



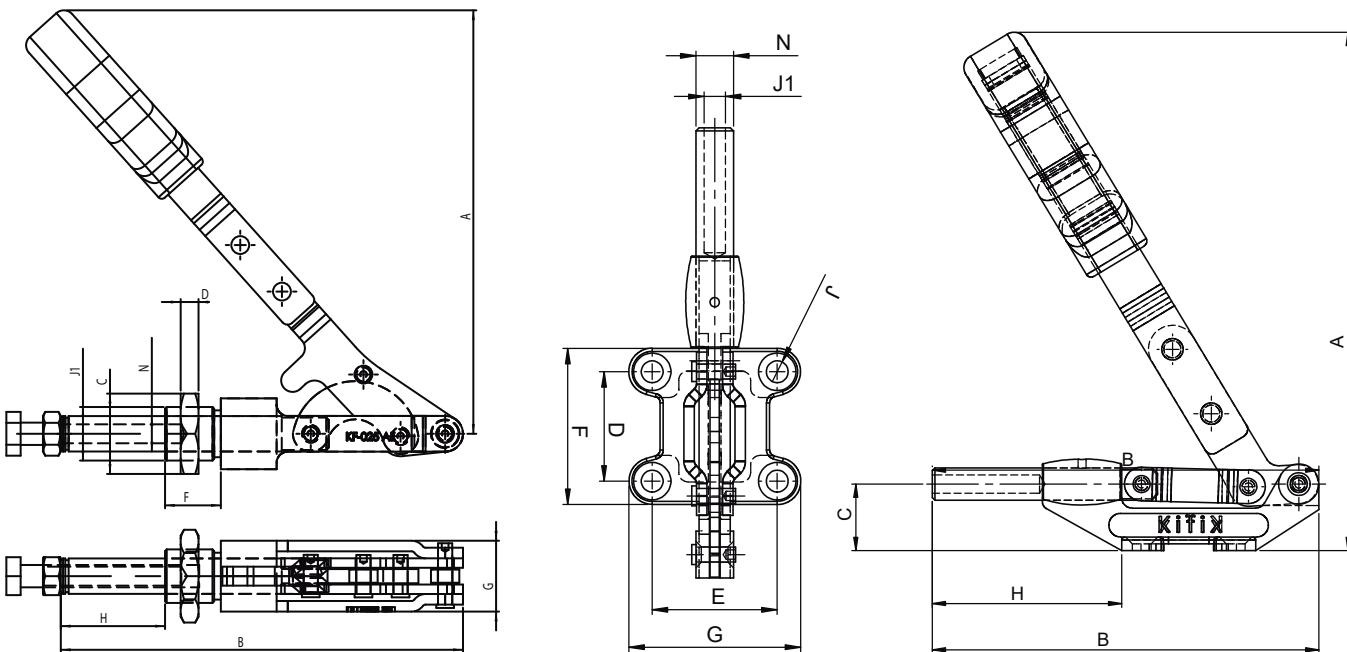
TR - With Toogle-Lock Plus  
IV - Reversed Handle  
RF - Enhanced Base

TR - Blocage  
IV - Poignée inversée  
RF - Base améliorée

REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	J1 (IN)	N (IN)	SPINDLE WEIGHT KG (LB)	
Référence	Force de rétention Kgf (lbf)	Course du plongeur												Broche	Poids
KF-061	50 (110)	16 (0.63)	51.3 (2.02)	66.1 (2.60)	13.7 (0.54)	16 (0.63)	16 (0.63)	35.4 (1.39)	26.7 (1.05)	22.5 (0.89)	4.3 (0.17)	M4X0.70	6.35 (0.25)	M4	0.070 (0.154)
KF-057	230 (506)	36 (1.42)	82 (3.23)	144 (5.67)	25 (0.98)	35 (1.38)	40 (1.57)	50 (1.97)	55 (2.17)	71 (2.80)	7.0 (0.28)	M8X1.25	12 (0.47)	M8	0.400 (0.880)
KF-057 TR	230 (506)	36 (1.42)	98 (3.86)	144 (5.67)	25 (0.98)	35 (1.38)	40 (1.57)	50 (1.97)	55 (2.17)	71 (2.80)	7.0 (0.28)	M8X1.25	12 (0.47)	M8	0.420 (0.924)
KF-057 IV	230 (506)	35 (1.38)	34 (1.34)	239 (9.41)	25 (0.98)	35 (1.38)	40 (1.57)	50 (1.97)	55 (2.17)	71 (2.80)	7.0 (0.28)	M8X1.25	12 (0.47)	M8	0.395 (0.869)
KF-051	270 (594)	35 (1.38)	922 (3.63)	125 (4.92)	24.8 (0.98)	36.6 (1.44)	33.3 (1.31)	58 (2.28)	48 (1.89)	57 (2.24)	6.3 (0.25)	M8X1.25	12 (0.47)	M8	0.390 (0.858)
KF-054	380 (836)	37 (1.45)	107.9 (4.25)	154 (6.06)	31.8 (1.25)	41.4 (1.63)	41.4 (1.63)	58.7 (2.31)	57.2 (2.25)	422 (1.66)	8.5 (0.33)	M10X1.50	16 (0.63)	M10	0.890 (1.958)
KF-054 IV	380 (836)	46 (1.81)	572 (22.51)	339 (13.34)	31.8 (1.25)	41.4 (1.63)	41.4 (1.63)	158 (6.22)	572 (2.25)	81 (3.18)	8.5 (0.33)	M10X1.50	16 (0.63)	M10	0.93 (2.050)
KF-053	500 (1100)	83 (3.27)	127 (5.00)	268 (10.55)	42 (1.65)	100 (3.94)	40 (1.57)	154 (6.06)	70 (2.76)	149 (5.87)	8.5 (0.33)	M10X1.50	16 (0.63)	M10	2.150 (4.730)
KF-053 TR	500 (1100)	83 (3.27)	134 (5.28)	268 (10.55)	42 (1.65)	100 (3.94)	40 (1.57)	154 (6.06)	70 (2.76)	149 (5.87)	8.5 (0.33)	M10X1.50	16 (0.63)	M12	2.220 (4.884)
KF-052	700 (1540)	50 (1.97)	116 (4.57)	205 (8.07)	40 (1.57)	60 (2.36)	50 (1.97)	80 (3.15)	70 (2.76)	99 (3.90)	8.5 (0.33)	M12X1.75	19 (0.75)	M12	1.280 (2.816)
KF-052 TR	700 (1540)	50 (1.97)	137 (5.39)	205 (8.07)	40 (1.57)	60 (2.36)	50 (1.97)	80 (3.15)	70 (2.76)	99 (3.90)	8.5 (0.33)	M12X1.75	19 (0.75)	M12	1.710 (3.762)
KF-052 IV	700 (1540)	49 (1.92)	103 (4.06)	368 (14.49)	40 (1.57)	60 (2.36)	50 (1.97)	80 (3.15)	70 (2.76)	98 (3.86)	8.5 (0.33)	M12X1.75	19 (0.75)	M12	1.590 (3.498)
KF-052 RF	1200 (2640)	50 (1.97)	120 (4.72)	205 (8.07)	40 (1.57)	60 (2.36)	50 (1.97)	80 (3.15)	70 (2.76)	99 (3.90)	8.5 (0.33)	M12X1.75	19 (0.75)	M16	1.660 (3.652)
KF-056	1800 (3960)	78 (3.07)	150 (5.91)	287 (11.30)	57 (2.24)	100 (3.94)	60 (2.36)	162 (6.38)	86 (3.39)	162 (6.38)	10.5 (0.41)	M16X2.00	25 (0.98)	M16	3.500 (7.700)

# STRAIGHT LINE ACTION CLAMP WITH HANDLE

SAUTERELLES POUSSOIR À POIGNÉE



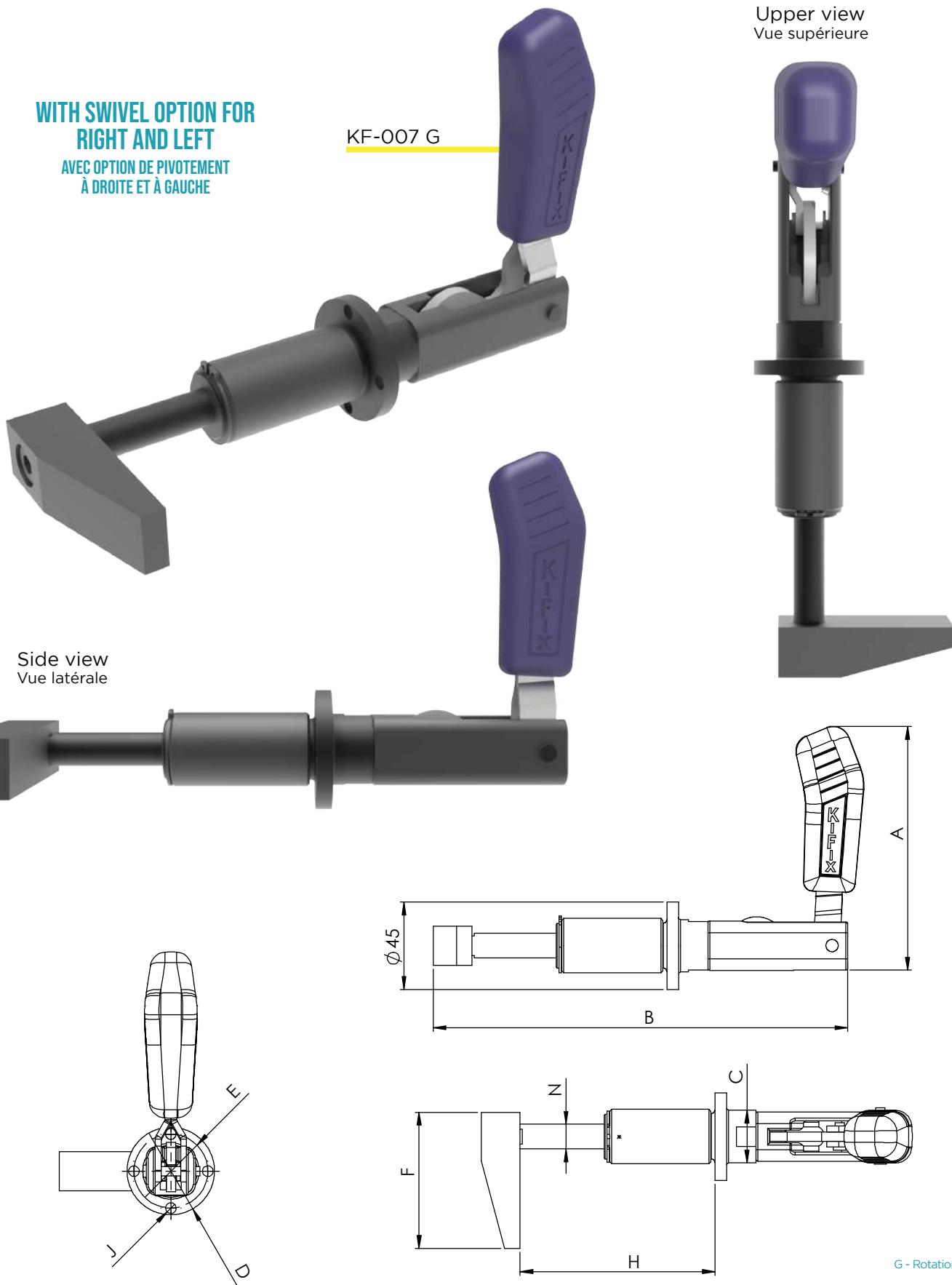
AL - Poignée

REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	J1 (IN)	N (IN)	SPINDLE	WEIGHT KG (LB)
	Référence	Force de rétention Kgf (lbf)	Course du plongeur											Broche	Poids
KF-025 AL	500 (1102)	46 (1,81)	190 (7,48)	180 (7,08)	36 (1,41)			26 (1,02)	31,75 (1,24)	47 (1,85)			M24X2,00	16	M10    1,307 (2,88)
KF-057 AL	230 (506)	36 (1,42)	193 (7,59)	144 (5,67)	25 (0,98)	35 (1,38)	40 (1,57)	50 (1,97)	55 (2,17)	71 (2,80)	7,0 (0,28)	M8X1,25	12 (0,47)	M8    0,820 (1,807)	
KF-056 AL	250 (551)	79 (3,11)	206 (7,48)	287 (11,29)	57 (2,24)	100 (3,93)	60 (2,36)	154 (6,06)	86 (3,38)	162 (6,37)	10,5 (0,41)	M16X2,0	25 (0,98)	M16    3,52 (7,76)	
KF-054 AL	380 (836)	41 (1,61)	196 (7,71)	154 (6,06)	40 (1,57)	41,4 (1,63)	41,4 (1,63)	58,7 (2,31)	57,2 (2,25)	422 (1,66)	8,5 (0,33)	M10X1,50	16 (0,63)	M10    1,205 (2,656)	
KF-053 AL	500 (1102)	87 (3,42)	180 (7,08)	264 (10,39)	42 (1,65)	100 (3,93)	40 (1,57)	154 (6,06)	70 (2,75)	149 (5,86)	8,5 (0,33)	M10X1,50	16 (0,63)	M10    2,16 (4,76)	
KF-052 AL	700 (1540)	50 (1,97)	215 (8,46)	205 (8,07)	40 (1,57)	60 (2,36)	50 (1,97)	80 (3,15)	70 (2,76)	99 (3,90)	8,5 (0,33)	M12X1,75	19 (0,75)	M12    1,550 (3,417)	

# STRAIGHT LINE ACTION CLAMP WITH TURNING

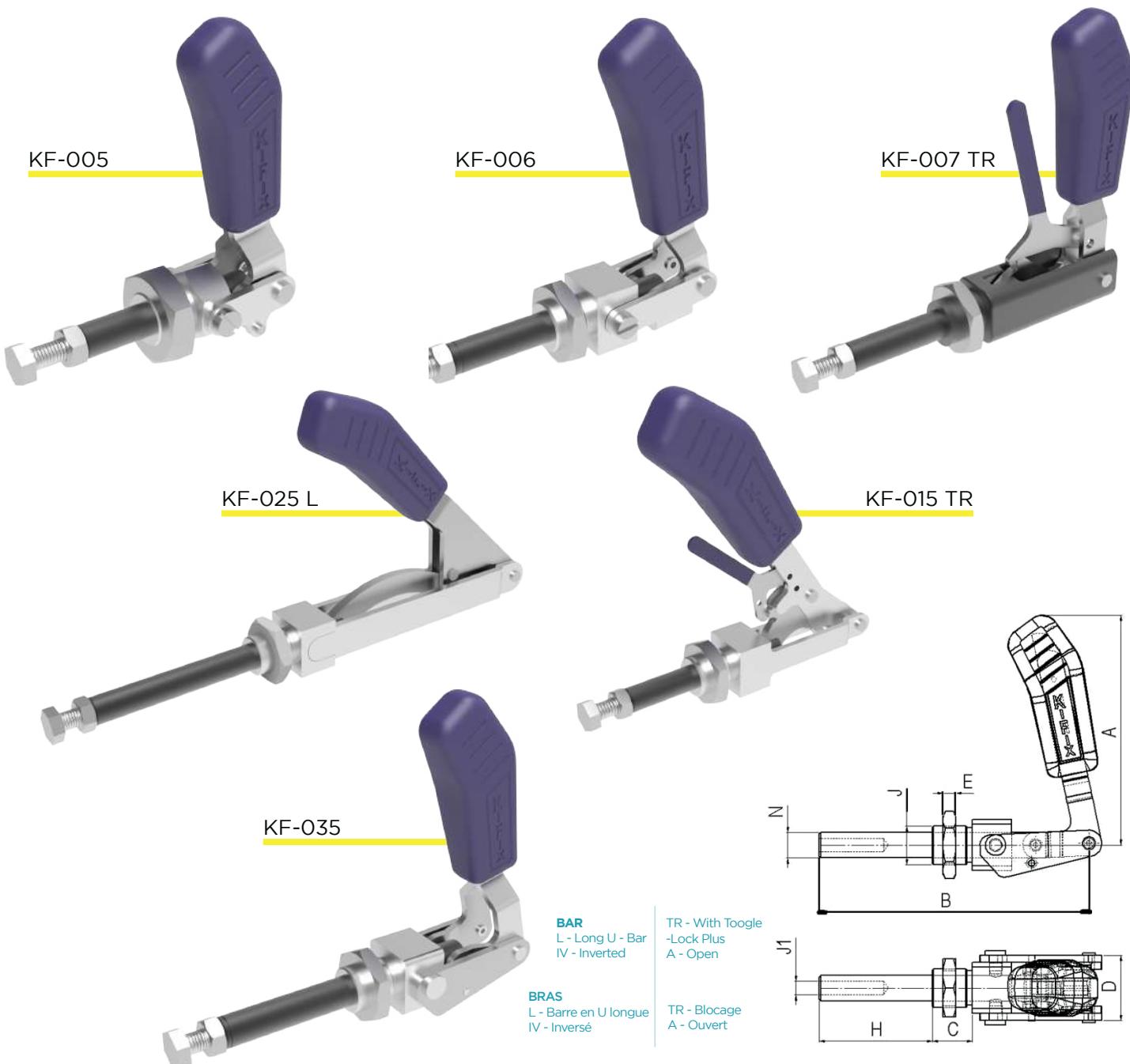
SAUTERELLES POUSSOIR À PISTON CARRÉ

WITH SWIVEL OPTION FOR  
RIGHT AND LEFT  
AVEC OPTION DE PIVOTEMENT  
À DROITE ET À GAUCHE



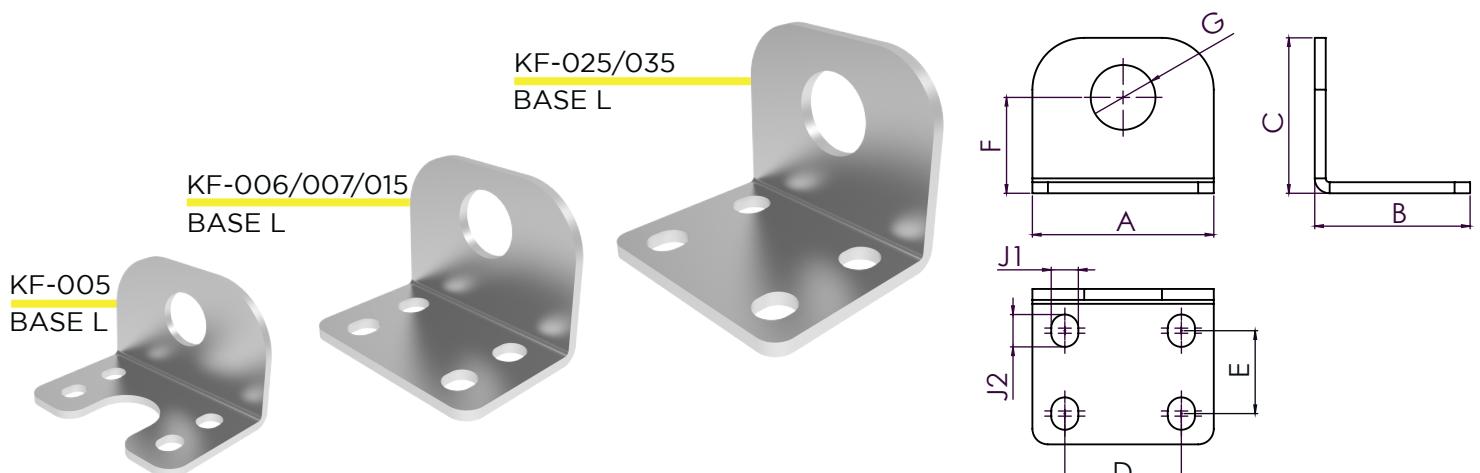
REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	H (IN)	J (IN)	N (IN)	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur										Poids
KF-007 G	200 (440)	42 (1.65)	125 (4.92)	213 (8.38)	27 (1.06)	45 (1.77)	38 (1.49)	70 (2.75)	100 (3.93)	5.5 (0.21)	12.7 (0.5)	0.925 (2,039)

# STRAIGHT LINE ACTION CLAMP SAUTERELLES POUSSOIR



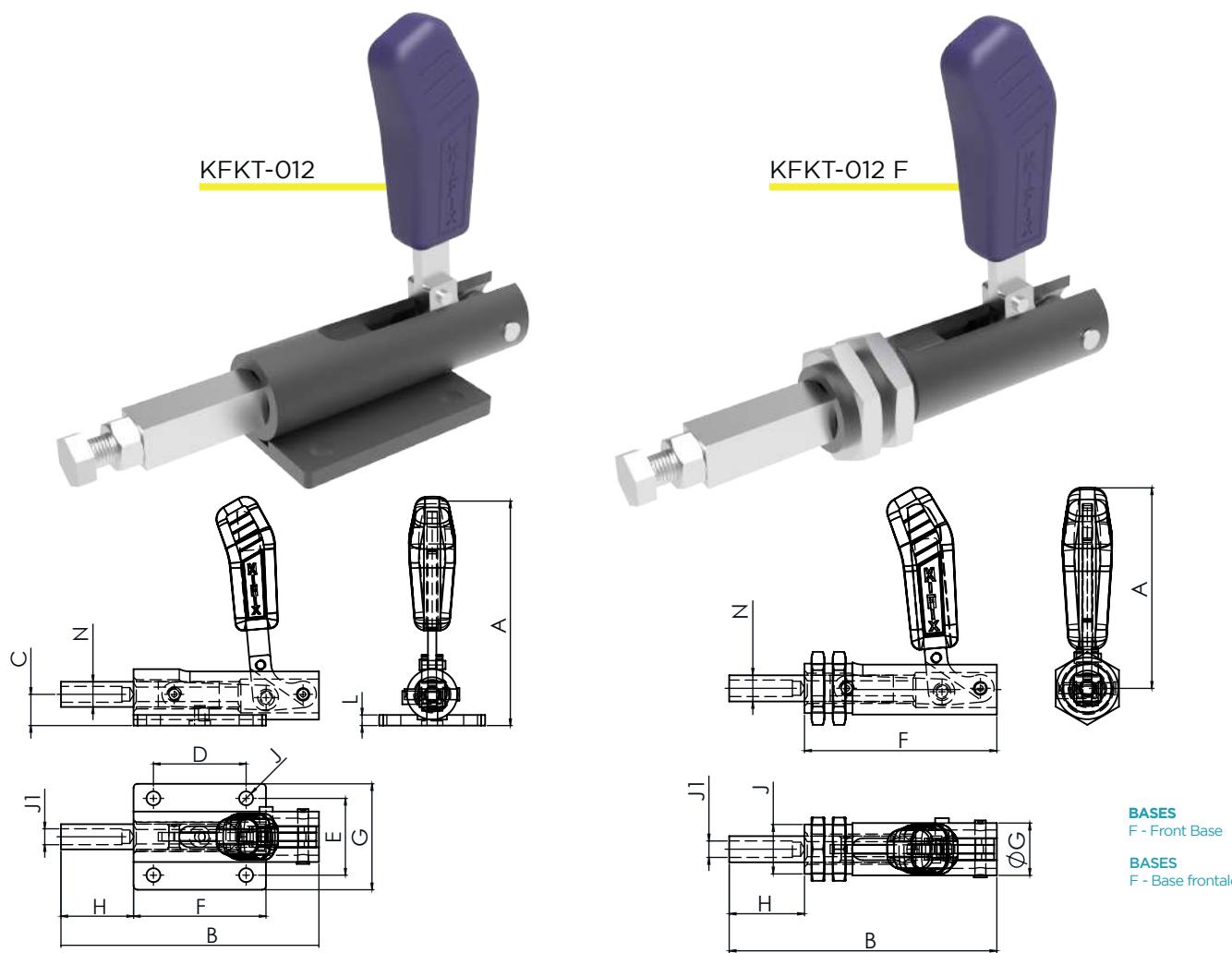
REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	H (IN)	J (IN)	J1 (IN)	N (IN)	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur										Broche	Poids
KF-005	90 (198)	20 (0,79)	79 (3,11)	60 (2,36)	12 (0,47)	26 (1,02)	7,8 (0,31)	21 (0,83)	M16X1,50	M6X1,00	9,5 (0,37)	M6	0,190 (0,418)
KF-006	120 (264)	39 (1,54)	107 (4,21)	105 (4,13)	16,5 (0,65)	31 (1,22)	8,5 (0,33)	39 (1,54)	M20X1,50	M8X1,25	12 (0,47)	M8	0,420 (0,924)
KF-009	150 (330)	60 (2,36)	109 (4,29)	138 (5,43)	16,5 (0,65)	31 (1,22)	7 (0,27)	62 (2,44)	M20X1,50	M8X1,25	12 (0,47)	M8	0,460 (1,01)
KF-007	200 (440)	41 (1,61)	125 (4,92)	125 (4,92)	18 (0,71)	25,4 (1,00)	8,5 (0,33)	42 (1,65)	M20X1,50	M8X1,25	12,7 (0,50)	M8	0,490 (1,078)
KF-007 TR	200 (440)	41 (1,61)	135 (5,31)	125 (4,92)	18 (0,71)	25,4 (1,00)	8,5 (0,33)	42 (1,65)	M20X1,50	M8X1,25	12,7 (0,50)	M8	0,515 (1,133)
KF-007 TR A	200 (440)	41 (1,61)	135 (5,31)	125 (4,92)	18 (0,71)	25,4 (1,00)	7 (0,27)	43 (1,69)	M20X1,50	M8X1,25	12,7 (0,50)	M8	0,508 (1,12)
KF-015	250 (550)	34 (1,34)	115 (4,53)	137 (5,39)	20 (0,79)	25 (0,98)	8,5 (0,33)	35 (1,38)	M20X1,50	M8X1,25	12 (0,47)	M8	0,470 (1,034)
KF-015 TR	250 (550)	34 (1,34)	142 (5,59)	137 (5,39)	20 (0,79)	25 (0,98)	8,5 (0,33)	35 (1,38)	M20X1,50	M8X1,25	12 (0,47)	M8	0,540 (1,188)
KF-015 IV	250 (550)	34 (1,34)	125 (4,92)	142 (5,59)	20 (0,79)	25 (0,98)	8,5 (0,33)	35 (1,38)	M20X1,50	M8X1,25	12 (0,47)	M8	0,470 (1,034)
KF-015 F 90	250 (550)	35 (1,37)	180 (7,08)	142 (5,59)	20 (0,79)	25 (0,98)	7 (0,27)	35 (1,38)	M20X1,50	M8X1,25	12 (0,47)	M8	0,570 (1,256)
KF-025	500 (1100)	40 (1,57)	132 (5,20)	180 (7,09)	25 (0,98)	32 (1,26)	10 (0,39)	47 (1,85)	M24X2,00	M10X1,50	16 (0,63)	M10	0,990 (2,178)
KF-025 TR	500 (1100)	40 (1,57)	132 (5,20)	180 (7,09)	25 (0,98)	32 (1,26)	10 (0,39)	47 (1,85)	M24X2,00	M10X1,50	16 (0,63)	M10	1,020 (2,244)
KF-025 L	300 (660)	99 (3,90)	151 (5,94)	316 (12,44)	25 (0,98)	32 (1,26)	10 (0,39)	102 (4,02)	M24X2,00	M10X1,50	16 (0,63)	M10	1,400 (3,080)
KF-035	320 (704)	66 (2,60)	143 (5,63)	175 (6,89)	25 (0,98)	40 (1,57)	10 (0,39)	70 (2,76)	M24X2,00	M10X1,50	16 (0,63)	M10	0,920 (2,024)
KF-035 TR	320 (704)	66 (2,60)	143 (5,63)	175 (6,89)	25 (0,98)	40 (1,57)	10 (0,39)	70 (2,76)	M24X2,00	M10X1,50	16 (0,63)	M10	0,980 (2,156)

# STRAIGHT LINE ACTION CLAMP SAUTERELLES POUSSOIR



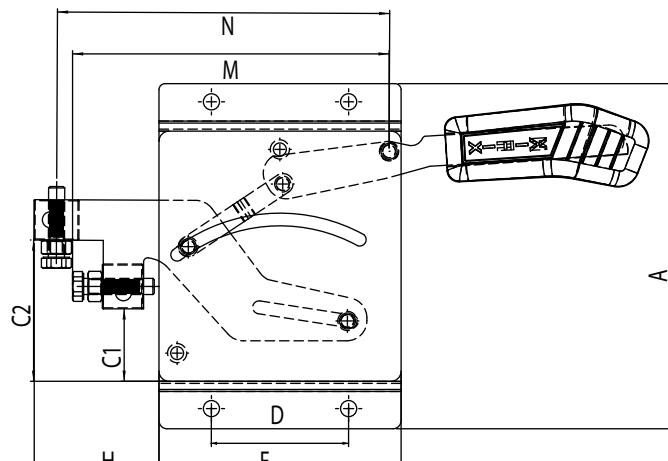
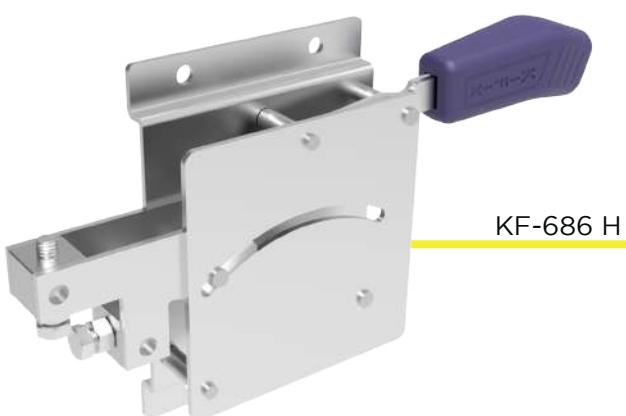
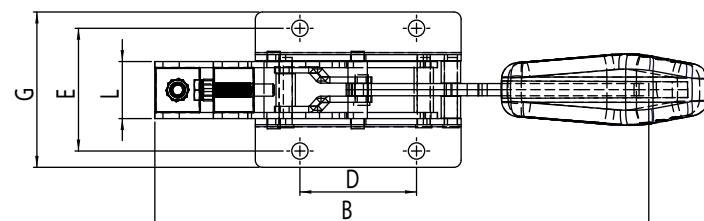
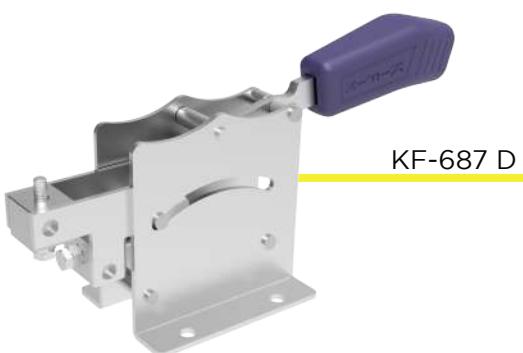
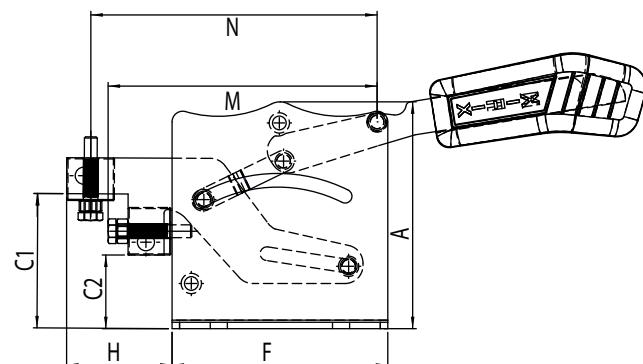
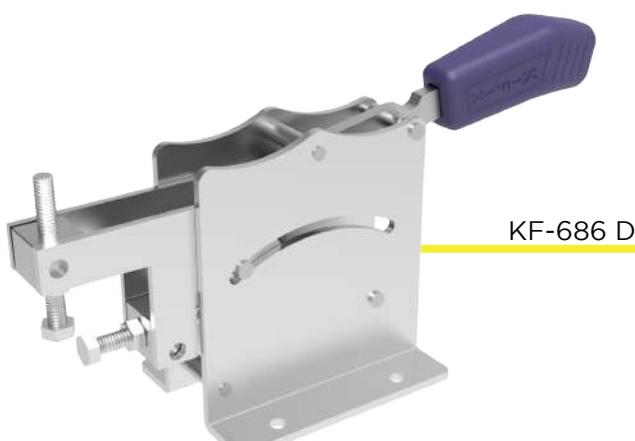
REFERENCE Référence	A [IN]	B [IN]	C [IN]	D [IN]	E [IN]	F [IN]	G [IN]	J1 [IN]	J2 [IN]	WEIGHT KG (LB) Poids
KF-005 BASE L	60 (2.36)	40 (1.57)	40 (1.57)	40 (1.57)	16 (0.63)	24 (0.94)	16.5 (0.65)	8.5 (0.33)	8.5 (0.33)	0.075 (0.165)
KF-006/007/015 BASE L	65 (2.56)	44 (1.73)	50 (1.97)	40 (1.57)	20 (0.79)	33 (1.30)	20.5 (0.81)	8.5 (0.33)	10.5 (0.41)	0.140 (0.308)
KF-025/035 BASE L	70 (2.76)	60 (2.36)	60 (2.36)	45 (1.77)	32 (1.26)	37 (1.46)	25 (0.98)	10.5 (0.41)	12.5 (0.49)	0.250 (0.550)

# STRAIGHT LINE ACTION CLAMP SQUARE PLUNGER SAUTERELLE POUSSOIR À PISTON CARRÉ



REFERENCE Référence	RETENTION FORCE KGF (LBF) Force de rétention Kgf (lbf)	PLUNGER TRAVEL [IN] Course du plongeur	A [IN]	B [IN]	C [IN]	D [IN]	E [IN]	F [IN]	G [IN]	H [IN]	J [IN]	J1 [IN]	L [IN]	N [IN]	SPINDLE Broche	WEIGHT KG (LB) Poids
KFKT-012	900 (1980)	48 (1.89)	173 (6.81)	195 (7.68)	23.6 (0.93)	70 (2.76)	58 (2.28)	100 (3.94)	80 (3.15)	55 (2.17)	10.5 (0.41)	M12X1.75	8 (0.31)	19 (0.75)	M12	1.850 (4.070)
KFKT-012 F	900 (1980)	48 (1.89)	146 (5.75)	195 (7.68)	-	-	-	140 (5.51)	38.1 (1.50)	55 (2.17)	M36X1.50	M12X1.75	-	19 (0.75)	M12	1.530 (3.366)

# DOUBLE CLAMPS SAUTERELLES D'ANGLE



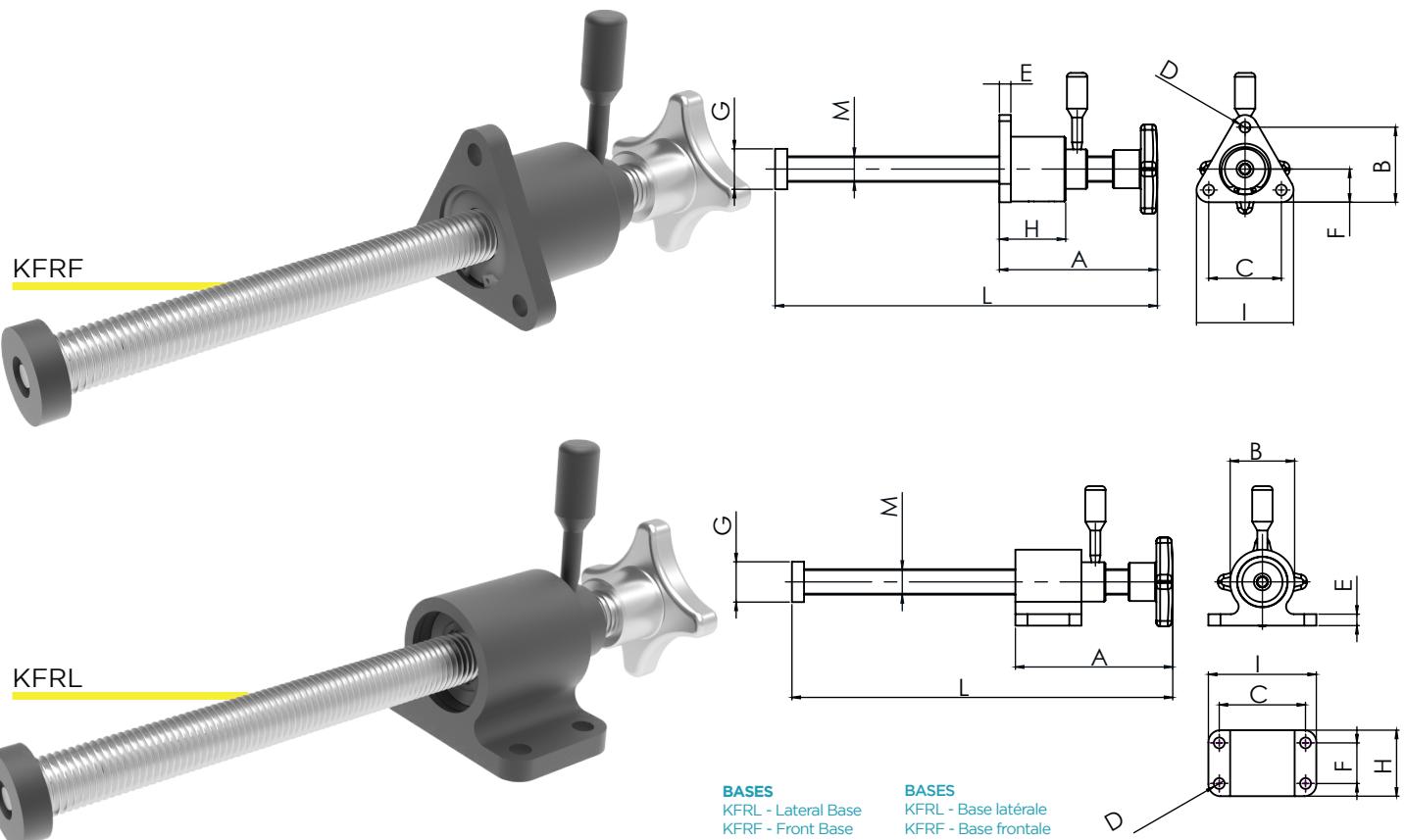
**BASES**  
D - Flanged Base  
H - Horizontal

**BASES**  
D - Base à plat  
H - Horizontale

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C1 (IN)	C2 (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	L (IN)	M (IN)	N (IN)	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)													Broche	Poids
KF-686 D	533,72 (1176,65)	144 (5,66)	297 (11,69)	38 (1,49)	61 (2,40)	68 (2,67)	73 (2,87)	120 (4,72)	93 (3,66)	58 (2,28)	31 (1,22)	162 (6,37)	172 (6,77)	M8	2,18 (4,80)
KF-686 H	557,47 (1229,00)	171 (6,73)	292 (11,49)	36 (1,41)	70 (2,75)	68 (2,67)	-	120 (4,72)	44 (1,73)	62 (2,44)	28 (1,10)	157 (6,18)	165 (2,55)	M8	1,59 (3,50)
KF-687 D	685,30 (1510,82)	106 (4,17)	242 (9,52)	35 (1,37)	63 (2,48)	57 (2,24)	60 (2,36)	101 (3,97)	76 (2,99)	49 (1,92)	28 (1,10)	126 (4,96)	134 (5,27)	M8	1,18 (2,60)

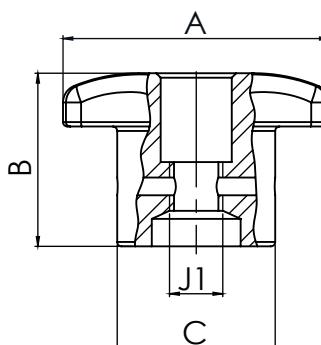
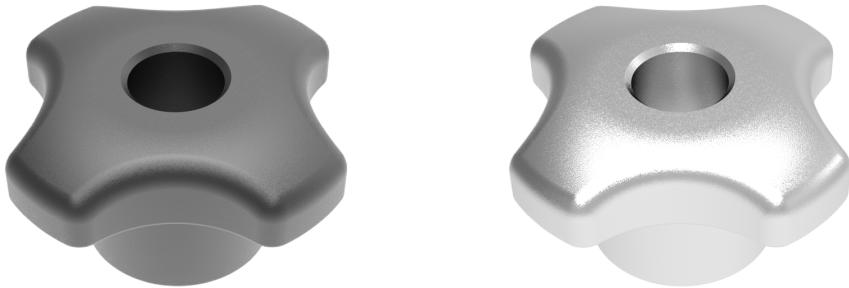
# VARIABLE STROKE

SAUTERELLES POUSSOIR À COURSE VARIABLE



REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	I (IN)	L (IN)	M (IN)	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Poids											
KFRL-12	500 (1100)	64,5 (2,54)	35 (1,38)	45 (1,77)	5,5 (0,22)	6 (0,24)	20 (0,79)	19 (0,75)	32 (1,26)	55 (2,17)	175,4 (6,91)	M12X1,75	0,480 (1,056)
KFRF-12	500 (1100)	64,5 (2,54)	38,9 (1,53)	38 (1,50)	5,5 (0,22)	6 (0,24)	17 (0,67)	19 (0,75)	32 (1,26)	50 (1,97)	175,4 (6,91)	M12X1,75	0,420 (0,924)
KFRL-16	750 (1650)	93,7 (3,69)	40 (1,57)	53 (2,09)	7 (0,28)	8 (0,31)	28 (1,10)	25 (0,98)	40 (1,57)	65 (2,56)	249 (9,80)	M16X2,00	0,920 (2,024)
KFRF-16	750 (1650)	93,7 (3,69)	50 (1,97)	48,5 (1,91)	7 (0,28)	8 (0,31)	22 (0,87)	25 (0,98)	40 (1,57)	64,5 (2,54)	249 (9,80)	M16X2,00	0,820 (1,804)
KFRL-20	1500 (3300)	116 (4,57)	50,8 (2,00)	68 (2,68)	8,5 (0,33)	9 (0,35)	32 (1,26)	32 (1,26)	52 (2,05)	85 (3,35)	292 (11,50)	M20X2,00	1,950 (4,290)
KFRF-20	1500 (3300)	116 (4,57)	59 (2,32)	57 (2,24)	8,5 (0,33)	9 (0,35)	26,1 (1,03)	32 (1,26)	52 (2,05)	76 (2,99)	292 (11,50)	M20X2,00	1,750 (3,850)

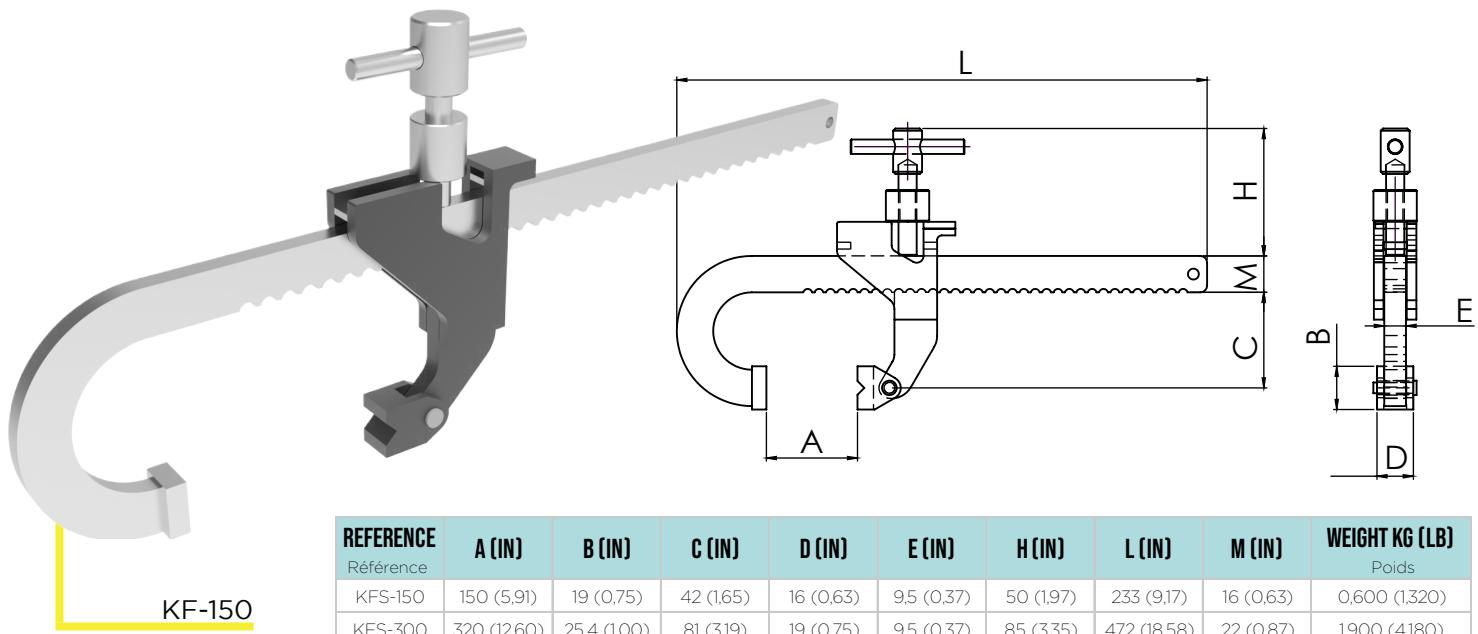
# HANDLESS SANS POIGNÉES



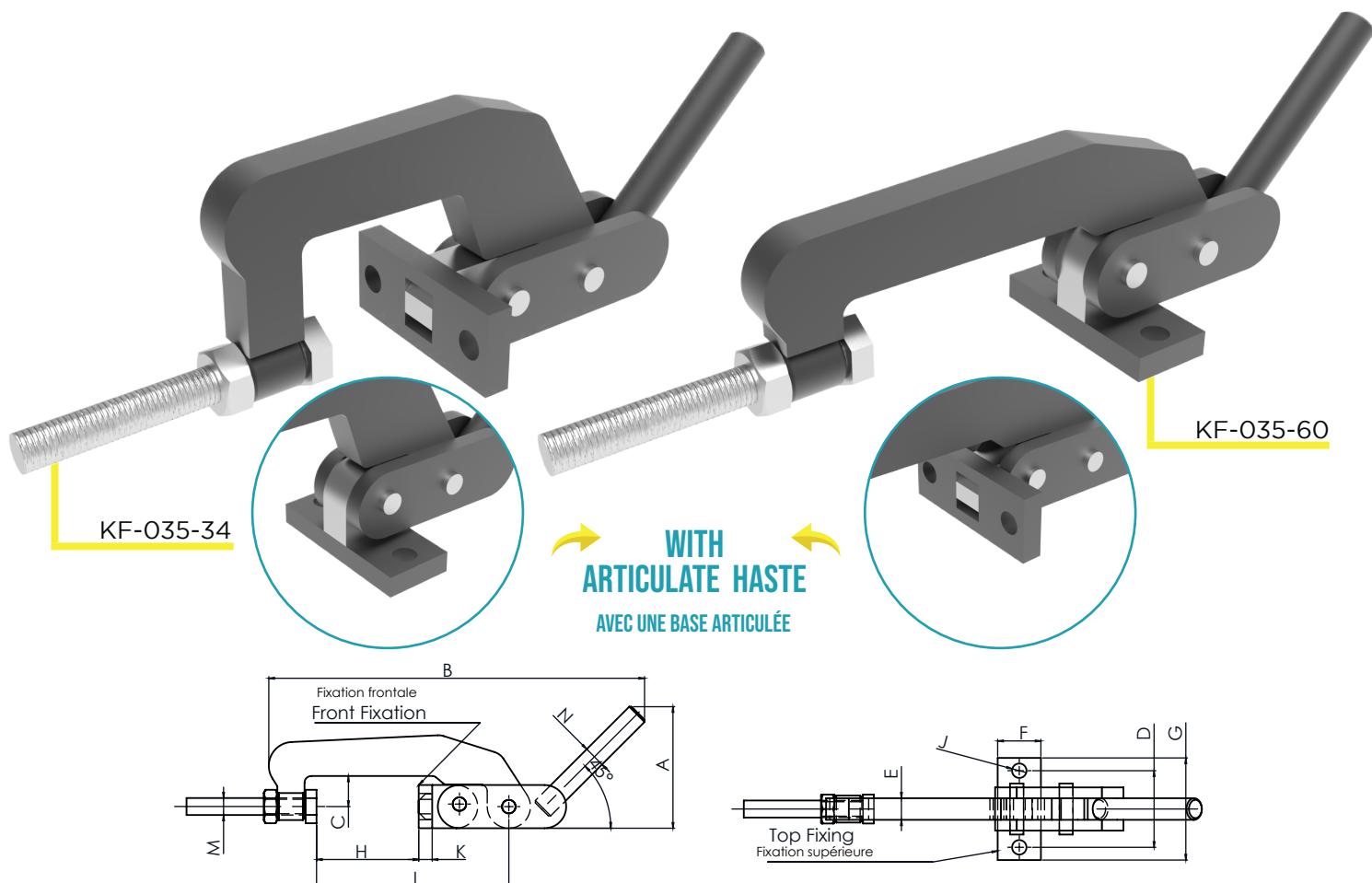
**VERSIONS DISPONIBLES :**  
Acier zingué blanc  
Noir oxydé

REFERENCE	A (IN)	B (IN)	C (IN)	J1 (IN)	WEIGHT KG (LB)
Référence					Poids
KFM-6	30 (1,18)	16 (0,63)	16 (0,63)	M6X1,00	0,055 (0,121)
KFM-8	41 (1,61)	20 (0,79)	19,5 (0,77)	M8X1,25	0,105 (0,231)
KFM-10	48 (1,89)	24 (0,94)	22 (0,87)	M10X1,50	0,165 (0,363)
KFM-12	67 (2,64)	30 (1,18)	26 (1,02)	M12X1,75	0,305 (0,672)
KFM-16	80 (3,15)	45 (1,77)	40 (1,57)	M16X2,00	0,575 (1,267)

# CARVER CLAMP SERRES JOINTS CARVER

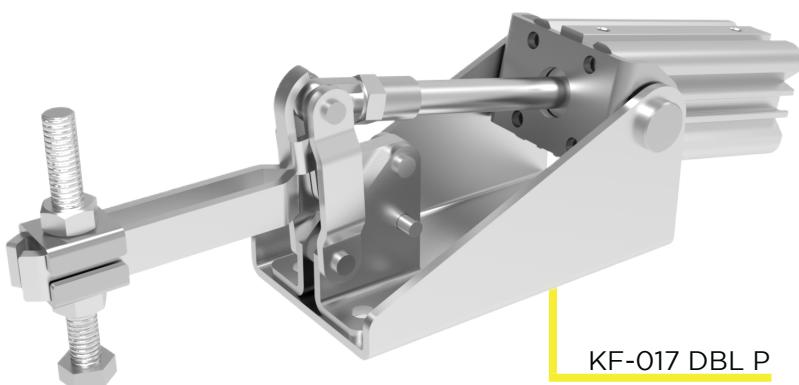
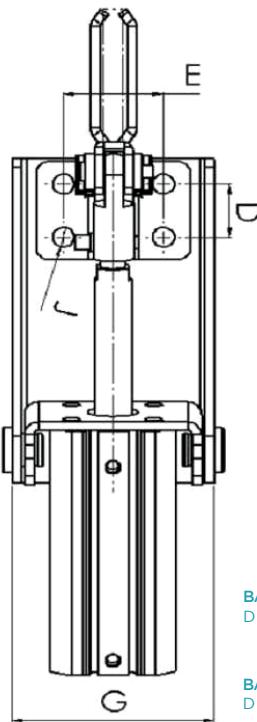
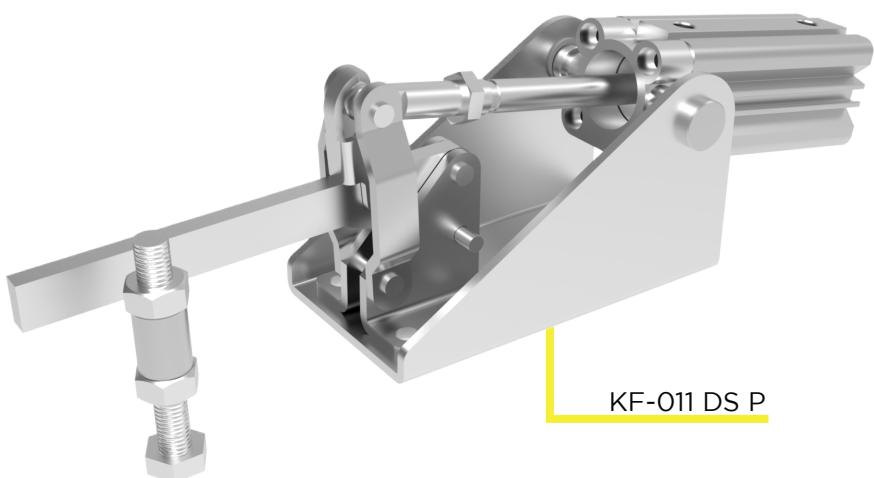
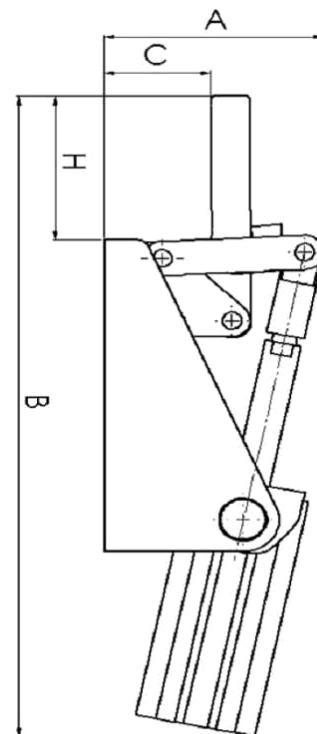
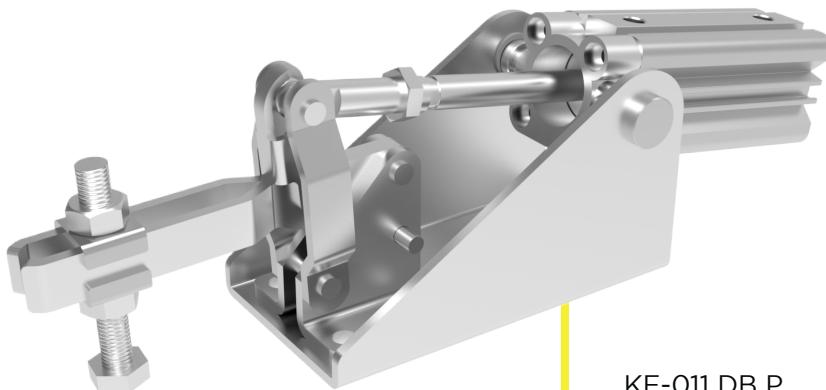


# COMPRESSOR CLAMP SERRE JOINT À COMPRESSION



# PNEUMATIC CLAMP

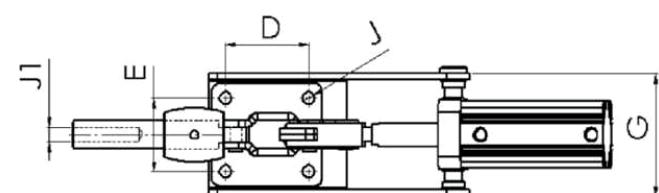
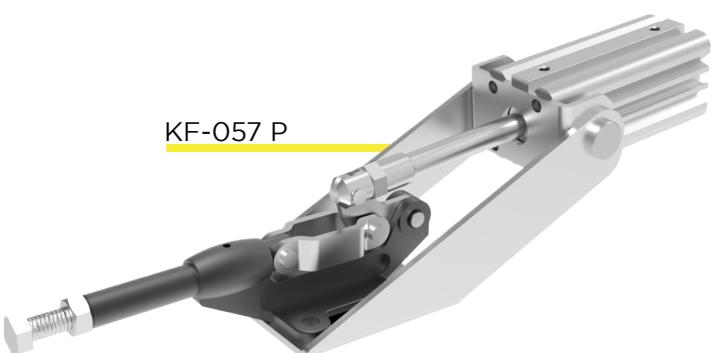
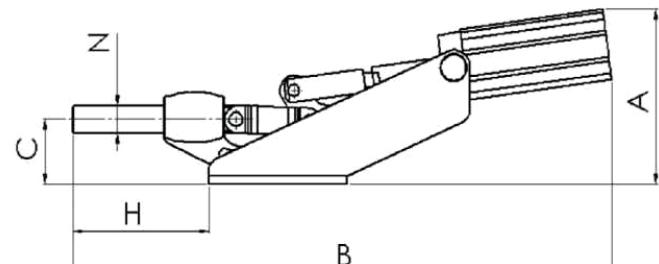
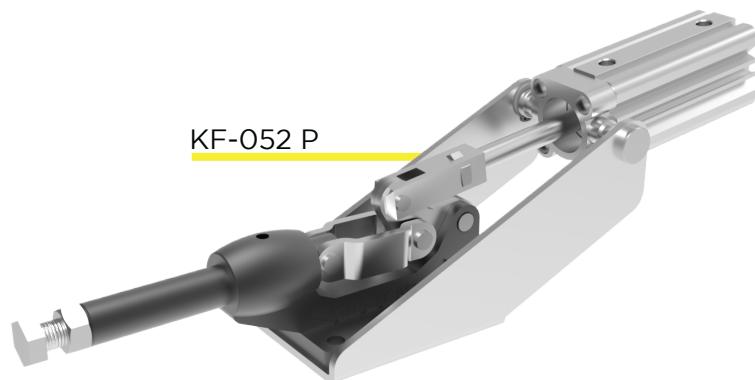
SAUTERELLES PNEUMATIQUES



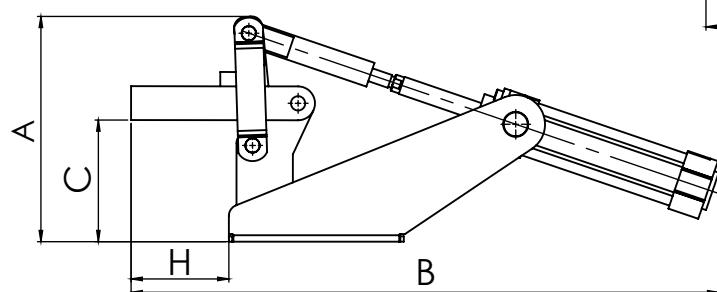
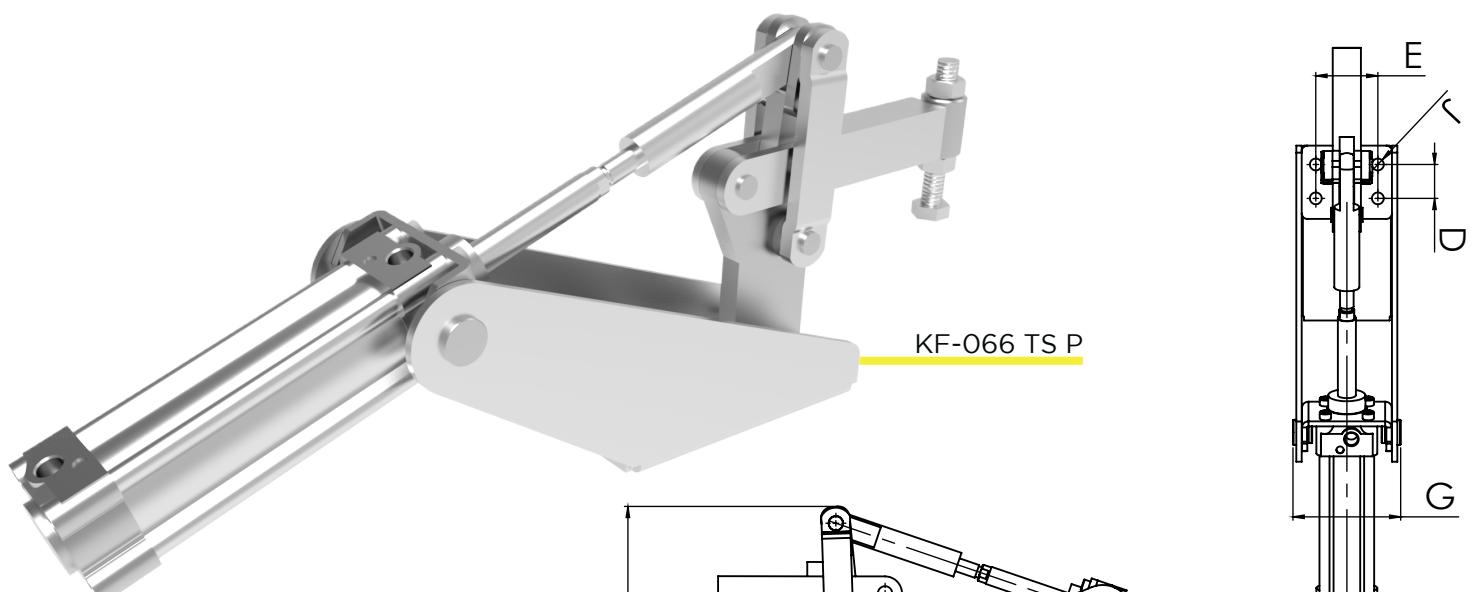
- |                  |                  |
|------------------|------------------|
| <b>BASES</b>     | <b>HASTES</b>    |
| D - Flanged Base | B - U-Bar        |
| S - Solid Bar    | S - Barre pleine |
| L - Long U-Bar   | L - Long         |
- 
- |                 |                  |
|-----------------|------------------|
| <b>BASES</b>    | <b>BRAS</b>      |
| D - Base à plat | B - En U         |
|                 | S - Barre pleine |
|                 | L - Long         |

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	G (IN)	H (IN)	J (IN)	ROSCA CIL	OPENING ANGLE	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)									Fillet cyl	Angle d'ouverture	Broche	Poids
KF-012 DB P	90 (198)	53 (2,09)	235 (9,25)	26 (1,02)	12,7 (0,50)	27 (1,06)	50 (1,97)	42 (1,65)	5,6 (0,22)	1/8 in NPT	70	M6	0,630 (1,386)
KF-017 DB P	170 (374)	72 (2,83)	238 (9,37)	35 (1,38)	19 (0,75)	32 (1,26)	64 (2,52)	53 (2,09)	7,0 (0,28)	M5	100	M8	1,510 (3,322)
KF-017 DBL P	150 (330)	72 (2,83)	268 (10,55)	35 (1,38)	19 (0,75)	32 (1,26)	64 (2,52)	83 (3,27)	7,0 (0,28)	M5	100	M8	1,530 (3,366)
KF-017 DS P	200 (440)	72 (2,83)	268 (10,55)	35 (1,38)	19 (0,75)	32 (1,26)	64 (2,52)	83 (3,27)	7,0 (0,28)	M5	100	M8	1,530 (3,366)
KF-011 DB P	280 (616)	97 (3,82)	328 (12,91)	47 (1,85)	32 (1,26)	44 (1,73)	79 (3,11)	86 (3,39)	8,5 (0,33)	/8 in NPT	100	M10	2,830 (6,226)
KF-011 DBL P	250 (550)	97 (3,82)	354 (13,94)	47 (1,85)	32 (1,26)	44 (1,73)	79 (3,11)	112 (4,41)	8,5 (0,33)	1/8 in NPT	100	M10	2,860 (6,292)
KF-011 DS P	300 (660)	97 (3,82)	354 (13,94)	47 (1,85)	32 (1,26)	44 (1,73)	79 (3,11)	112 (4,41)	8,5 (0,33)	1/8 in NPT	100	M10	2,850 (6,270)
KF-111 DB P	680 (1496)	119 (4,69)	393 (15,47)	55 (2,17)	32 (1,26)	45 (1,77)	89,5 (3,52)	100 (3,94)	8,5 (0,33)	1/8 in NPT	100	M10	4,700 (10,340)
KF-111 DS P	700 (1540)	119 (4,69)	428 (16,85)	55 (2,17)	32 (1,26)	45 (1,77)	89,5 (3,52)	145 (5,71)	8,5 (0,33)	1/8 in NPT	100	M10	4,700 (10,340)
KF-111 DBL P	650 (1433)	119 (4,69)	393 (15,47)	55 (2,17)	32 (1,26)	45 (1,77)	89,5 (3,52)	145 (5,71)	8,5 (0,33)	1/8 in NPT	100	M10	3,550 (7,826)

# PNEUMATIC CLAMP SAUTERELLES PNEUMATIQUES



REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	G (IN)	H (IN)	J (IN)	J1 (IN)	N (IN)	ROSCA CIL	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Fillet cyl	Broche	Poids
KF-057 P	230 (506)	80 (3,15)	284 (11,18)	25 (0,98)	35 (1,38)	40 (1,57)	65 (2,56)	68 (2,68)	7 (0,28)	M8X1,25	12 (0,47)	M5	M12	1,500 (3,300)
KF-052 P	700 (1540)	119 (4,69)	390 (15,35)	44 (1,73)	60 (2,36)	50 (1,97)	83,5 (3,29)	99 (3,90)	8,5 (0,33)	M12X1,75	19 (0,75)	1/8 in NPT	M12	3,700 (8,140)



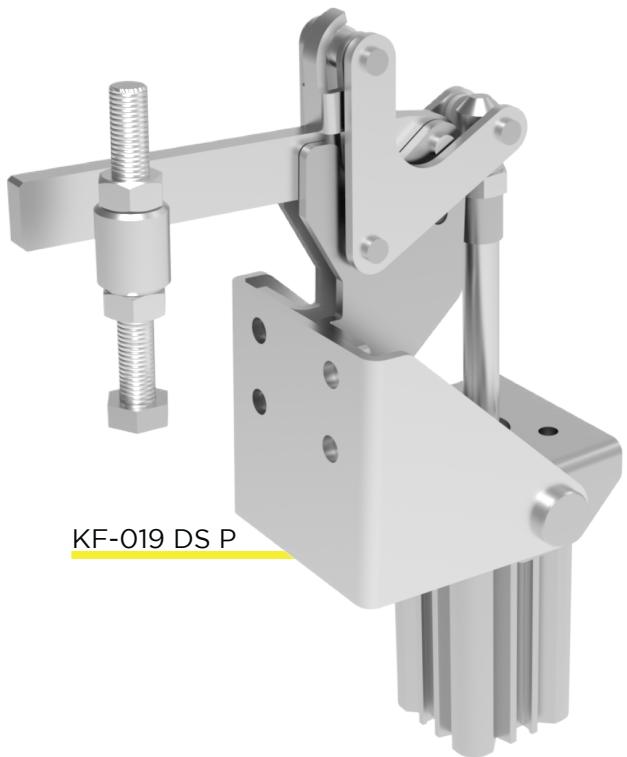
**BASES**  
T - Base T      **BAR**  
S - Solid Bar

**BASES**  
T - Base en T      **BRAS**  
S - Barre pleine

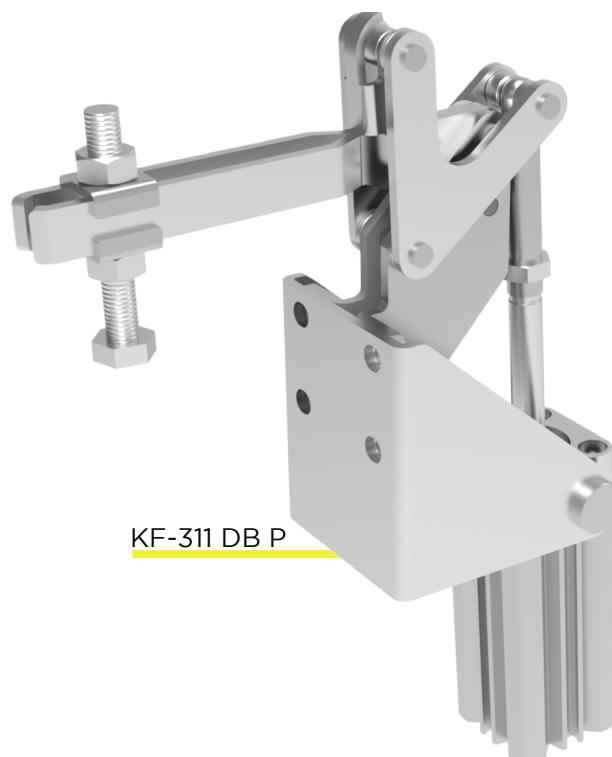
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	G (IN)	H (IN)	J (IN)	ROSCA CIL	OPENING ANGLE	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)									Fillet cyl	Angle d'ouverture	Broche	Poids
KF-066 TS P	1400 (3080)	200 (7,87)	521 (20,51)	108 (4,25)	30 (1,18)	55 (2,17)	95,5 (3,76)	87 (3,43)	10,5 (0,41)	1/8 in NPT	55	M12	7,700 (16,940)

# PNEUMATIC CLAMP

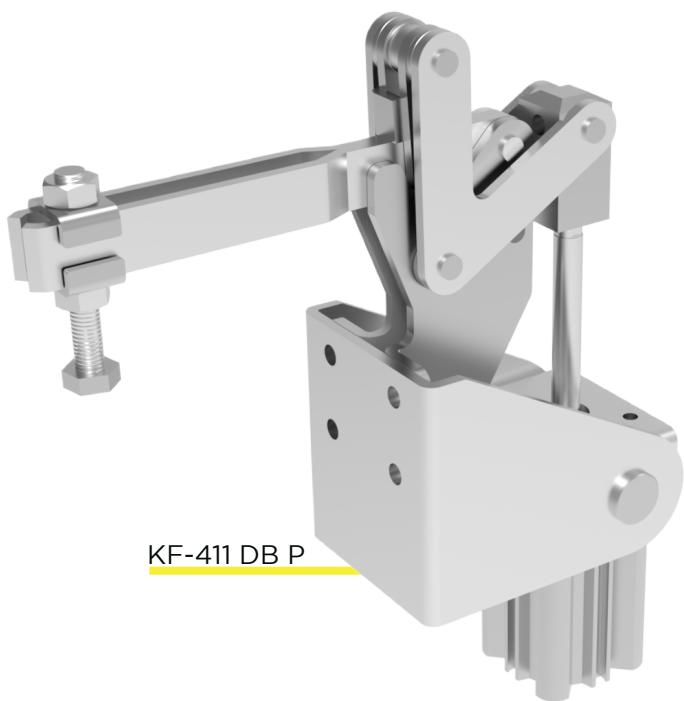
SAUTERELLES PNEUMATIQUES



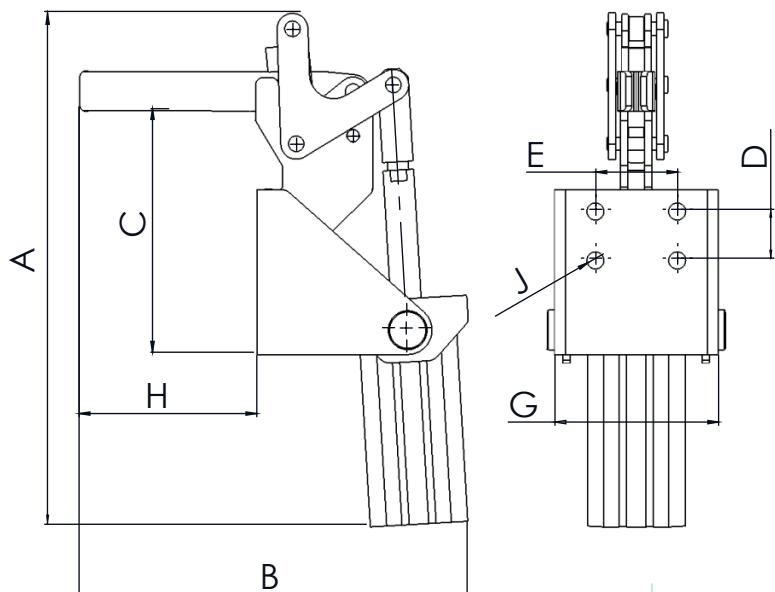
KF-019 DS P



KF-311 DB P



KF-411 DB P



**BASES**  
D - langed  
Base

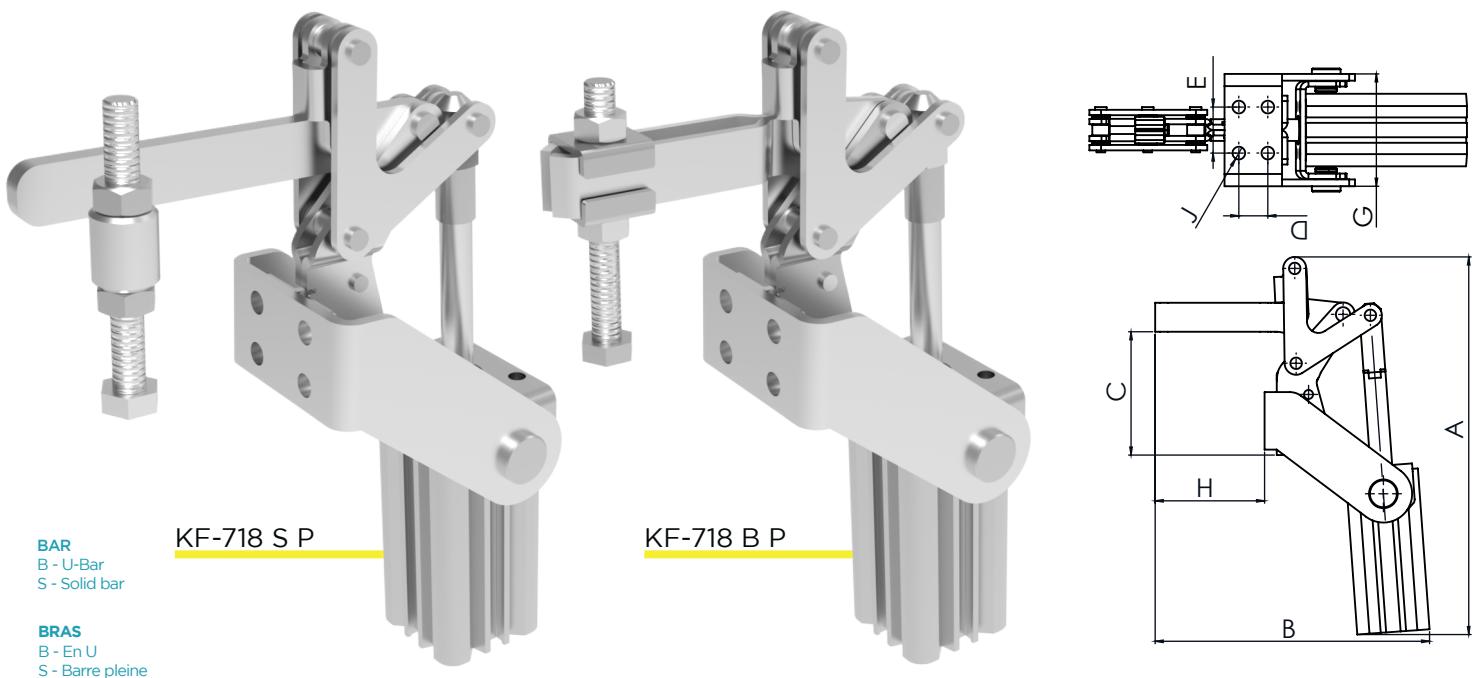
**BAR**  
B - U - Bar  
S - Solid bar

**BASES**  
D - Base à  
plat

**BRAS**  
B - En U  
S - Barre pleine

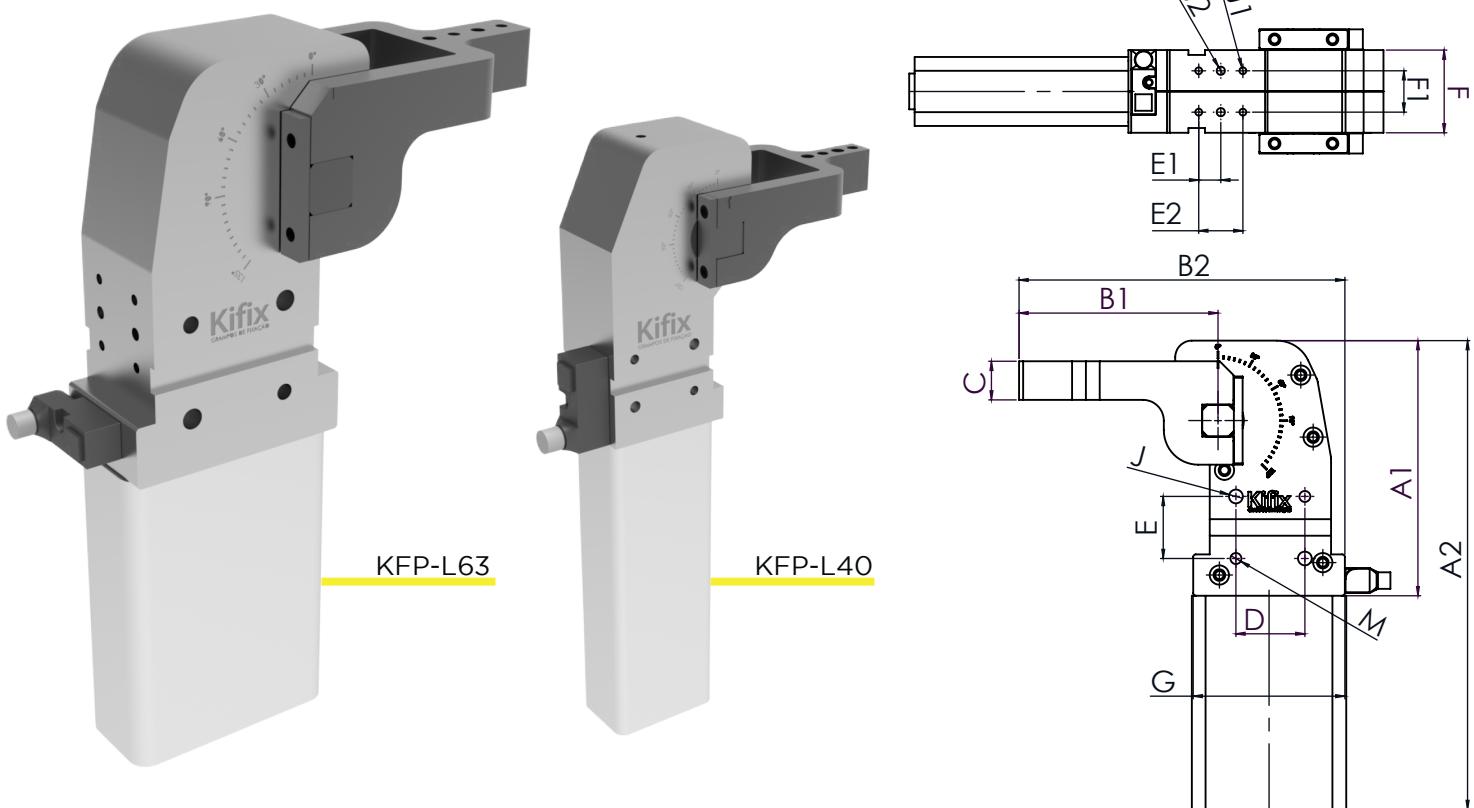
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	G (IN)	H (IN)	J (IN)	ROSCA CIL	OPENING ANGLE	SPINDLE WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)									Fillet cyl	Angle d'ouverture	Broche
KF-019 DB P	250 (550)	210 (8.27)	159 (6.26)	97 (3.82)	20 (0.79)	33,5 (1,32)	67 (2,64)	73 (2,87)	7,0 (0,28)	M5	100	M8 1,600 (3,520)
KF-019 DS P	280 (616)	210 (8,27)	159 (6,26)	97 (3,82)	20 (0,79)	33,5 (1,32)	67 (2,64)	73 (2,87)	7,0 (0,28)	M5	100	M8 1,600 (3,520)
KF-311 DB P	250 (550)	282 (11,10)	216 (8,50)	130 (5,12)	32 (1,26)	44 (1,73)	75 (2,95)	102 (4,02)	8,5 (0,33)	1/8 in NPT	100	M10 2,830 (6,226)
KF-311 DS P	300 (660)	282 (11,10)	216 (8,50)	130 (5,12)	32 (1,26)	44 (1,73)	75 (2,95)	102 (4,02)	8,5 (0,33)	1/8 in NPT	100	M10 2,800 (6,160)
KF-411 DB P	650 (1430)	295 (11,61)	256 (10,08)	156 (6,14)	32 (1,26)	45 (1,77)	90 (3,54)	128 (5,04)	8,5 (0,33)	1/8 in NPT	100	M10 4,800 (10,560)
KF-411 DS P	700 (1540)	295 (11,61)	256 (10,08)	156 (6,14)	32 (1,26)	45 (1,77)	90 (3,54)	128 (5,04)	8,5 (0,33)	1/8 in NPT	100	M10 4,800 (10,560)

# PNEUMATIC CLAMP SAUTERELLES PNEUMATIQUES



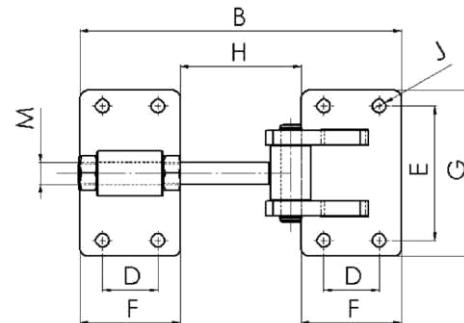
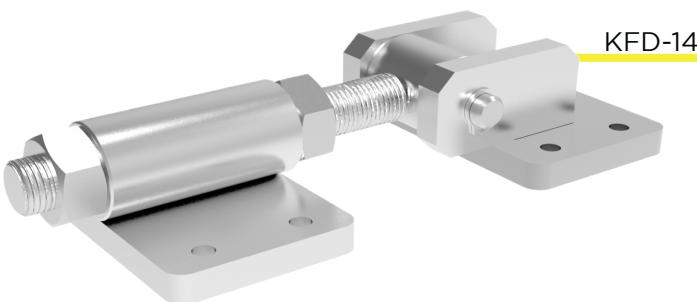
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	G (IN)	H (IN)	J (IN)	ROSCA CIL	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)									Fillet cyl	Broche	Poids
KF-718 B P	200 (440)	203 (7,99)	152 (5,98)	68 (2,68)	16 (0,63)	25,4 (1,00)	62 (2,44)	60,4 (2,38)	7,0 (0,28)	M6	M8	1,500 (3,300)
KF-718 S P	200 (440)	203 (7,99)	169 (6,65)	68 (2,68)	16 (0,63)	25,4 (1,00)	62 (2,44)	78 (3,07)	7,0 (0,28)	M6	M8	1,500 (3,300)

# POWER CLAMP SAUTERELLE PNEUMATIQUE SÉRIE LOURDE



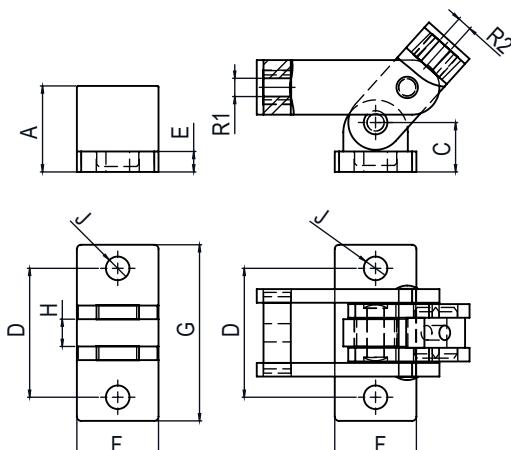
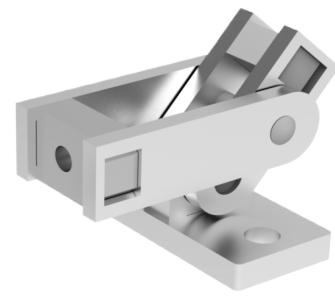
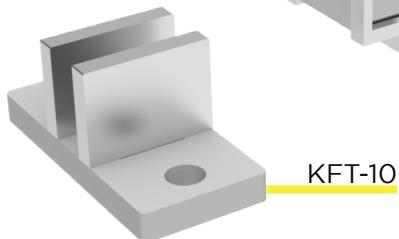
REFERENCE	RETENTION FORCE KGF (LBF)	OPENING ANGLE	A1 (IN)	A2 (IN)	B1 (IN)	B2 (IN)	C (IN)	D (IN)	D1 (IN)	E (IN)	E1 (IN)	E2 (IN)	F (IN)	F1 (IN)	G (IN)	J (IN)	J1 (IN)	J2 (IN)	M (IN)	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Angle d'ouverture																		Poids
KFP-L40	400 (880)	0°-135°	146 (5,75)	325 (12,80)	110 (4,33)	170 (6,69)	22 (0,87)	35 (1,38)	25 (0,98)	25 (0,98)	-	20 (0,79)	48 (1,89)	24 (0,94)	65 (2,56)	6 (0,24)	M6	-	M6	6,000 (13,200)
KFP-L63	1100 (2420)	0°-135°	185 (7,28)	340 (13,39)	144 (5,67)	236 (9,29)	28 (1,10)	50 (1,97)	30 (1,18)	45 (1,77)	16 (0,63)	32 (1,26)	60 (2,36)	30 (1,18)	110 (4,33)	10 (0,39)	M6	6 (0,24)	M10	6,500 (14,300)

# HINGE CHARNIÈRES



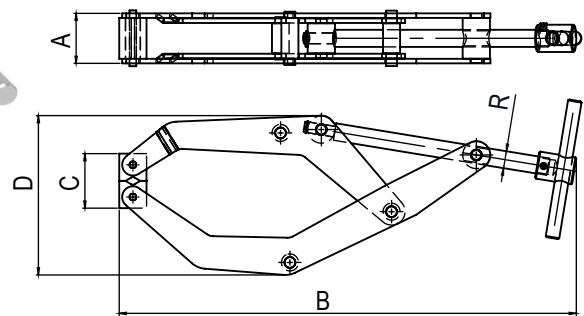
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	M (IN)	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Poids
KFT-10	900 (1980)	40 (1,57)	23 (0,91)	60 (2,36)	9,5 (0,37)	38 (1,50)	82 (3,23)	12,7 (0,50)	11 (0,43)	M10x1,50	M8x1,25	1,040 (2,288)
KFT-14	1400 (3080)	40 (1,57)	25 (0,98)	70 (2,76)	9,5 (0,37)	38 (1,50)	90 (3,54)	16 (0,63)	12,5 (0,49)	M14x2,00	M14x2,00	1,370 (3,014)

# LATCH LOQUETS



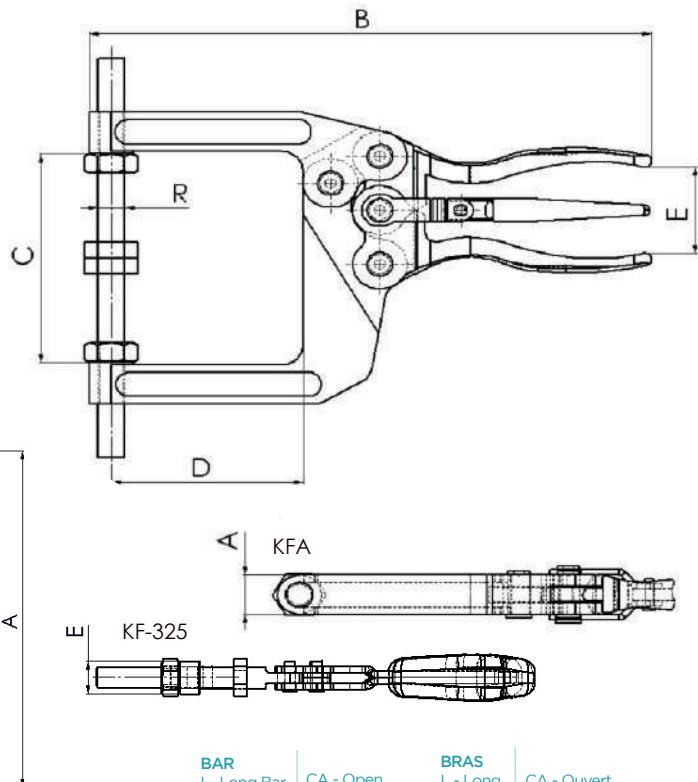
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	R1 (IN)	R2 (IN)	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Poids
KFT-10	900 (1980)	40 (1,57)	23 (0,91)	60 (2,36)	9,5 (0,37)	38 (1,50)	82 (3,23)	12,7 (0,50)	11 (0,43)	M10x1,50	M8x1,25	1,040 (2,288)
KFT-14	1400 (3080)	40 (1,57)	25 (0,98)	70 (2,76)	9,5 (0,37)	38 (1,50)	90 (3,54)	16 (0,63)	12,5 (0,49)	M14x2,00	M14x2,00	1,370 (3,014)

# SQUEEZE ACTION CLAMPS PINCES ÉTAU



REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (CLOSED) (IN)	C (OPEN) (IN)	D (IN)	ROSCA CIL	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)			Fermé	Ouvert		Filet cylindrique	Poids
KFA-300	150 (330)	47 (1,85)	432 (17,01)	60 (2,36)	300 (11,81)	148 (5,83)	M16x2,00	2,750 (6,050)

# SQUEEZE ACTION CLAMP PINCES ÉTAU



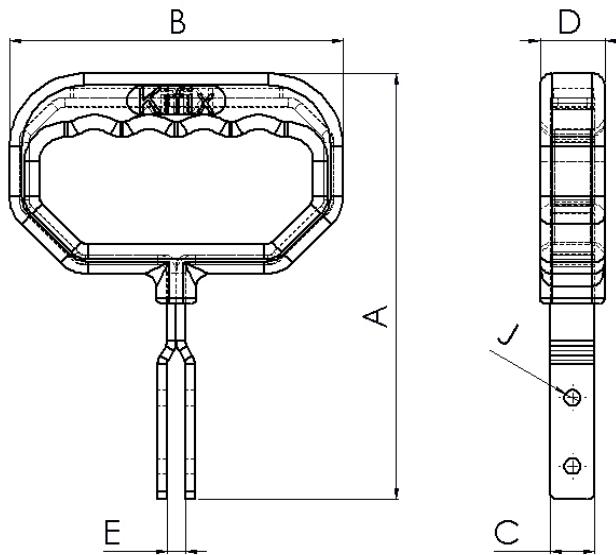
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	H (IN)	J (IN)	N (IN)	OPENING ANGLE	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)									Angle d'ouverture	Broche	Poids
KF -325	360 (793)	212 (8,35)	73 (2,87)	45,3 (1,78)	12,7 (0,50)	19 (0,75)	32 (1,26)	6,8 (0,27)	M12X1,75	93	M12	0,575 (1,265)

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	R (IN)	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)						Broche	Poids	
KFA-25	250 (550)	10 (0,39)	140 (5,51)	28 (1,10)	46,5 (1,83)	21,4 (0,84)	M6X1,00	M6	0,240 (0,528)
KFA-35	250 (550)	10 (0,39)	140 (5,51)	45 (1,77)	46,5 (1,83)	21,4 (0,84)	M6X1,00	M6	0,250 (0,550)
KFA-45	900 (1980)	16 (0,63)	205 (8,07)	53 (2,09)	70 (2,76)	35,2 (1,39)	M10X1,50	M10	0,890 (1,958)
KFA-45 CA	900 (1980)	16 (0,63)	205 (8,07)	53 (2,09)	70 (2,76)	80,2 (3,16)	M10X1,50	M10	1,010 (2,222)
KFA-70	900 (1980)	16 (0,63)	205 (8,07)	85 (3,35)	70 (2,76)	35,2 (1,39)	M10X1,50	M10	0,980 (2,156)
KFA-70 CA	900 (1980)	16 (0,63)	205 (8,07)	85 (3,35)	70 (2,76)	80,2 (3,16)	M10X1,50	M10	1,100 (2,420)
KFA-90	900 (1980)	16 (0,63)	205 (8,07)	93 (3,66)	71,5 (2,81)	35,2 (1,39)	M10X1,50	M10	1,120 (2,464)
KFA-90 CA	900 (1980)	16 (0,63)	205 (8,07)	93 (3,66)	71,5 (2,81)	80,2 (3,16)	M10X1,50	M10	1,240 (2,728)
KFA-90 L	250 (550)	16 (0,63)	305 (12,01)	93 (3,66)	171,5 (6,75)	35,2 (1,39)	M10X1,50	M10	1,490 (3,278)
KFA-100	900 (1980)	16 (0,63)	205 (8,07)	103 (4,06)	71,5 (2,81)	35,2 (1,39)	M10X1,50	M10	1,150 (2,530)
KFA-100 CA	900 (1980)	16 (0,63)	205 (8,07)	103 (4,06)	71,5 (2,81)	80,2 (3,16)	M10X1,50	M10	1,270 (2,794)
KFA-150	900 (1980)	16 (0,63)	205 (8,07)	153 (6,02)	71,5 (2,81)	35,2 (1,39)	M10X1,50	M10	1,290 (2,838)
KFA-150 CA	900 (1980)	16 (0,63)	205 (8,07)	153 (6,02)	71,5 (2,81)	85,2 (3,35)	M10X1,50	M10	1,410 (3,102)

# HANDLE POIGNÉES



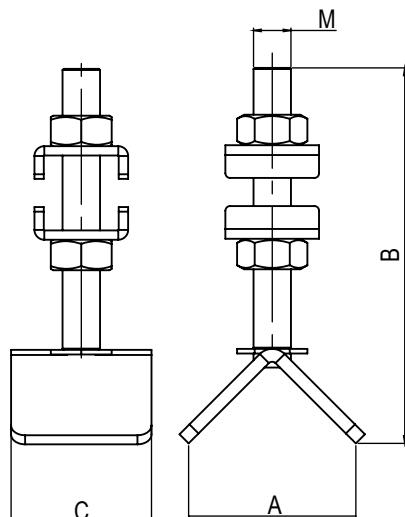
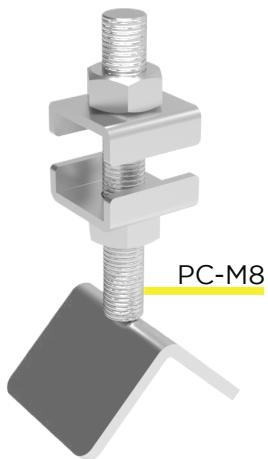
REFERENCE Référence	A (IN) A (IN)	B (IN) B (IN)	C (IN) C (IN)	D (IN) D (IN)	E (IN) E (IN)	J (IN) J (IN)	WEIGHT KG (LB) Poids
KF-AL	174 (6.85)	134 (5.28)	18 (6.85)	26 (1.02)	7.5 (0.30)	6.4 (0.25)	0.460 (1.012)



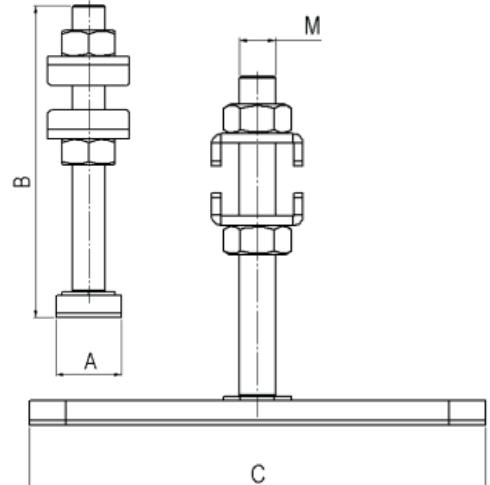
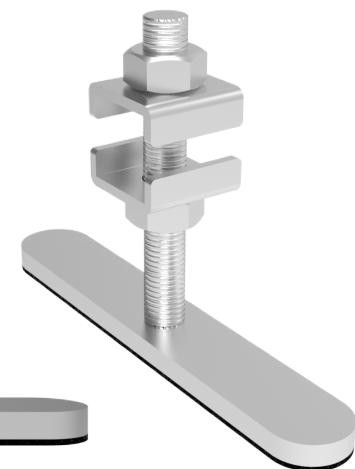
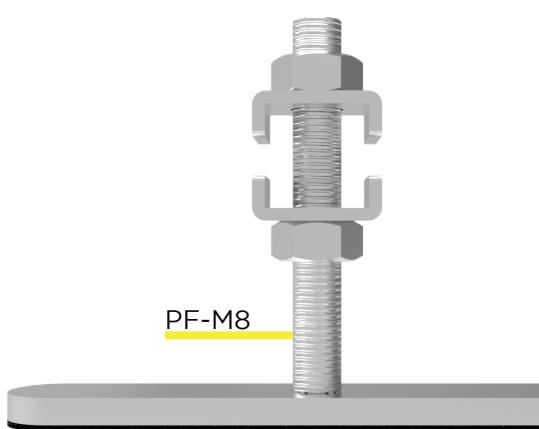
WE PRODUCE CLAMPS WITH HANDLE ACCORDING TO CUSTOMER NEEDS

NOUS PRODUISONS DES SAUTERELLES AVEC POIGNÉE SELON LES BESOINS DU CLIENT

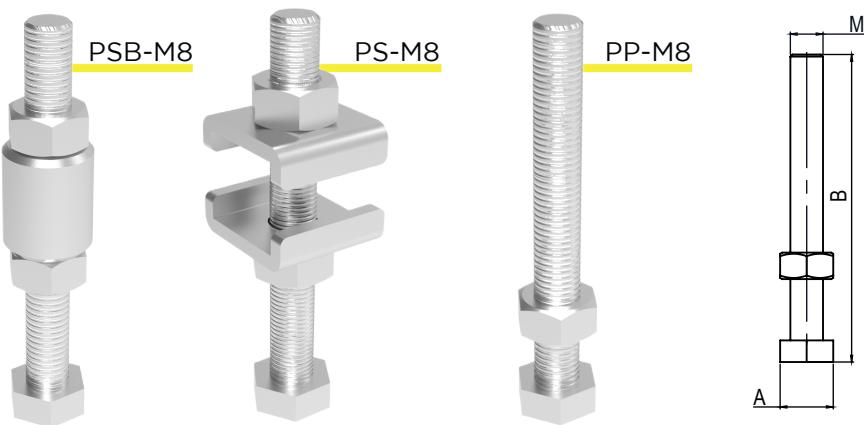
# SPINDLE BROCHES



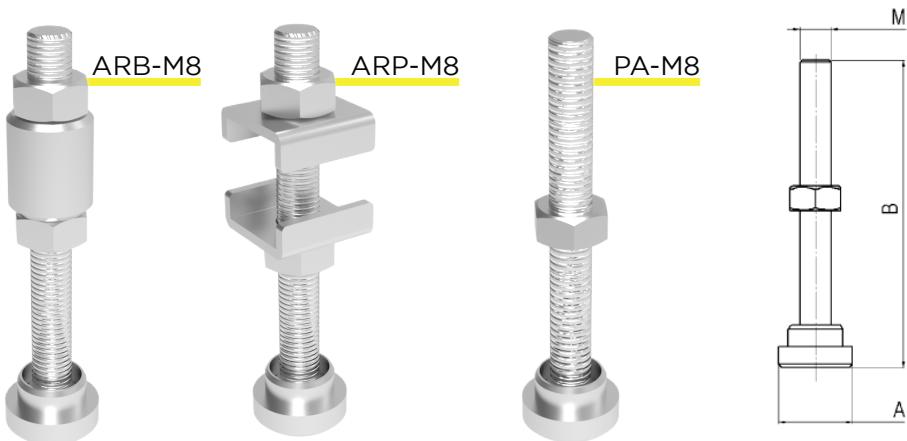
REFERENCE Référence	A (IN) A (IN)	B (IN) B (IN)	C (IN) C (IN)	M (IN) M (IN)
PC-M6	36 (1,42)	80 (3,15)	30 (1,18)	M6
PC-M8	36 (1,42)	100 (3,94)	30 (1,18)	M8
PC-M10	36 (1,42)	91 (3,58)	30 (1,18)	M10
PF-M6 35x40	16 (0,63)	35 (1,38)	40 (1,57)	M6
PF-M6 51x40	16 (0,63)	51 (2,01)	40 (1,57)	M6
PF-M6 51x100	16 (0,63)	51 (2,01)	100 (3,94)	M6
PF-M6 66x100	16 (0,63)	66 (2,60)	100 (3,94)	M6
PF-M8	16 (0,63)	77 (3,03)	100 (3,94)	M8
PF-M10	16 (0,63)	77 (3,03)	100 (3,94)	M10



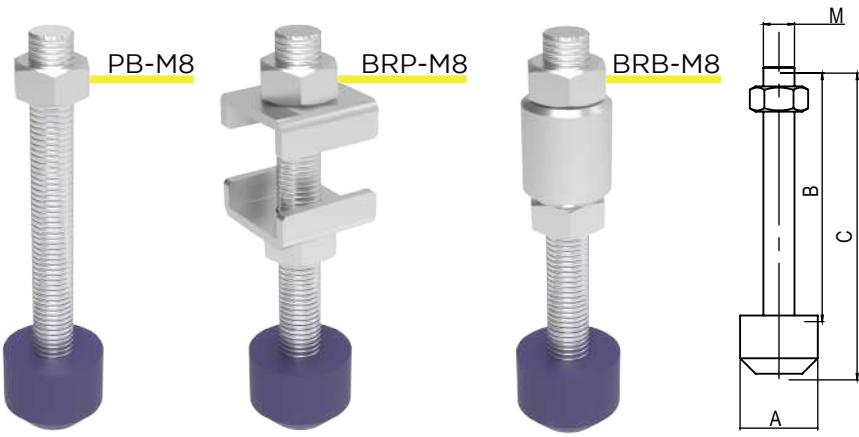
# SPINDLE BROCHES



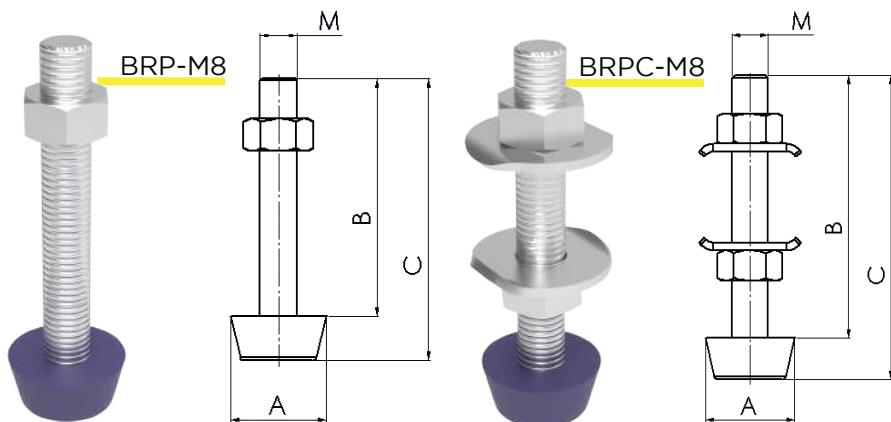
REFERENCE	A (IN)	B (IN)	M (IN)
Référence			
PP-M6	10 (0,39)	49 (1,93)	M6
PP-M8	13 (0,51)	45 (1,77)	M8
PP-M10	17 (0,67)	51 (2,01)	M10
PP-M12	19 (0,75)	47 (1,85)	M12
PP-M16	24 (0,94)	79 (3,11)	M16
PS-M6	10 (0,39)	64 (2,52)	M6
PS-M8	13 (0,51)	75 (2,95)	M8
PS-M10	17 (0,67)	77 (3,03)	M10
PSB-M6	10 (0,39)	64 (2,52)	M6
PSB-M8	13 (0,51)	75 (2,95)	M8
PSB-M10	17 (0,67)	77 (3,03)	M10
PSB-M12	19 (0,75)	87 (3,43)	M12



REFERENCE	A (IN)	B (IN)	M (IN)
Référence			
PA-M6	19 (0,75)	67 (2,64)	M6
PA-M8	19 (0,75)	80 (3,15)	M8
PA-M10	19 (0,75)	80 (3,15)	M10
PA-M12	32 (1,26)	95 (3,74)	M12
PA-M16	32 (1,26)	118 (4,65)	M16
ARP-M6	19 (0,75)	67 (2,64)	M6
ARP-M8	19 (0,75)	80 (3,15)	M8
ARP-M10	19 (0,75)	80 (3,15)	M10
ARB-M6	19 (0,75)	67 (2,64)	M6
ARB-M8	19 (0,75)	80 (3,15)	M8
ARB-M10	19 (0,75)	80 (3,15)	M10
ARB-M16	32 (1,26)	118 (4,65)	M16



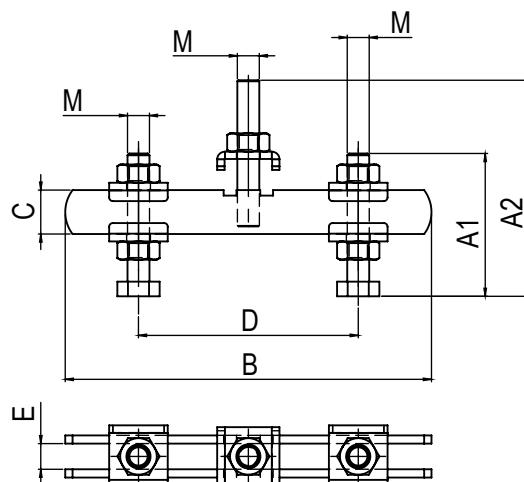
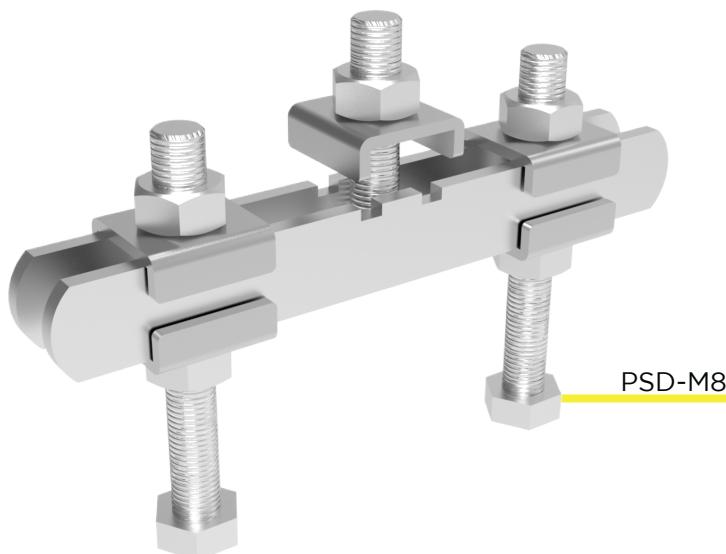
REFERENCE	A (IN)	B (IN)	C (IN)	M (IN)
Référence				
PB-M6	15 (0,59)	57 (2,24)	69 (2,72)	M6
PB-M8	18,5 (0,73)	63 (2,48)	78 (3,07)	M8
PB-M10	23 (0,91)	63 (2,48)	82 (3,23)	M10
BRP-M6	15 (0,59)	57 (2,24)	69 (2,72)	M6
BRP-M8	18,5 (0,73)	63 (2,48)	78 (3,07)	M8
BRP-M10	23 (0,91)	63 (2,48)	82 (3,23)	M10
BRB-M6	15 (0,59)	57 (2,24)	69 (2,72)	M6
BRB-M8	18,5 (0,73)	63 (2,48)	78 (3,07)	M8
BRB-M10	23 (0,91)	63 (2,48)	82 (3,23)	M10
BAP-M6	16 (0,63)	24 (0,94)	31 (1,22)	M6



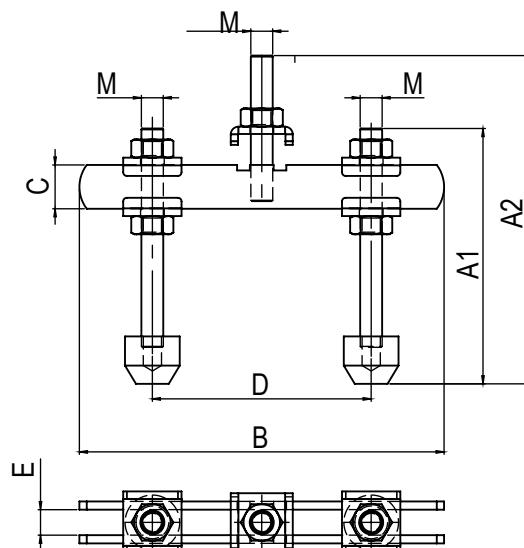
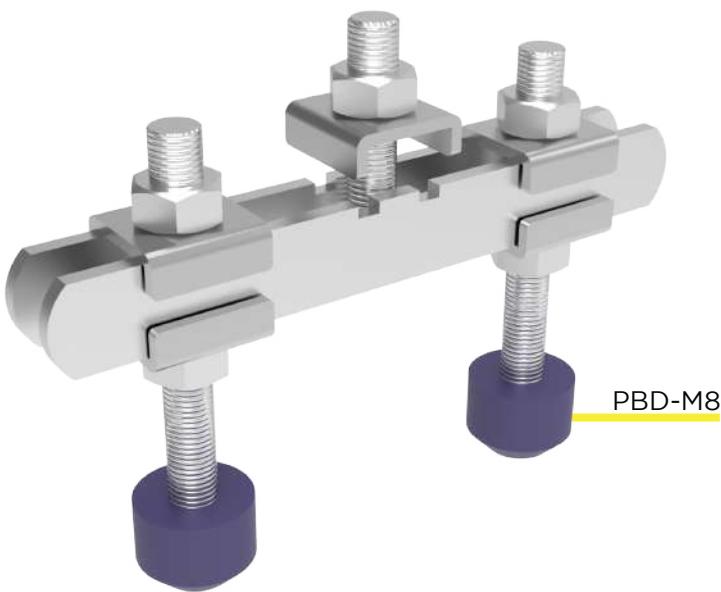
REFERENCE	A (IN)	B (IN)	C (IN)	M (IN)
Référence				
PBC-M4X20	11,2 (0,44)	19 (0,75)	24 (0,94)	M4
PBC-M4X30	11,2 (0,44)	29 (1,14)	34 (1,34)	M4
PBC-M5X25	12,7 (0,50)	25 (0,98)	30 (1,18)	M5
PBC-M5X30	12,7 (0,50)	30 (1,18)	35 (1,38)	M5
PBC-M5X35	12,7 (0,50)	35 (1,38)	40 (1,57)	M5
PBC-M6X30	15,8 (0,62)	29 (1,14)	36 (1,42)	M6
PBC-M6X40	15,8 (0,62)	39 (1,54)	46 (1,81)	M6
PBC-M6X45	15,8 (0,62)	44 (1,73)	51 (2,01)	M6

REFERENCE	A (IN)	B (IN)	C (IN)	M (IN)
Référence				
BRPC-M5X25	12,7 (0,50)	25 (0,98)	30 (1,18)	M5
BRPC-M5X30	12,7 (0,50)	30 (1,18)	35 (1,38)	M5
BRPC-M5X35	12,7 (0,50)	35 (1,38)	40 (1,57)	M5
BRPC-M6X30	15,8 (0,62)	29 (1,14)	36 (1,42)	M6
BRPC-M6X40	15,8 (0,62)	39 (1,54)	46 (1,81)	M6
BRPC-M6X45	15,8 (0,62)	44 (1,73)	51 (2,01)	M6

# SPLINDLE BROCHES



REFERENCE Référence	A1 (IN) A1 (in)	A2 (IN) A2 (in)	B (IN) B (in)	C (IN) C (in)	D MÍN (IN) D MÍN (in)	D MÁX (IN) D MÁX (in)	E (IN) E (in)	M (IN) M (in)
PSD-M6	49 (1,93)	59 (2,32)	100 (3,94)	12 (0,47)	30 (1,18)	80 (3,15)	7 (0,28)	M6
PSD-M8	75 (2,95)	86 (3,39)	120 (4,72)	15 (0,59)	35 (1,38)	92 (3,62)	9 (0,35)	M8
PSD-M10	76 (2,99)	90 (3,54)	180 (7,09)	20 (0,79)	42 (1,65)	148 (5,83)	11 (0,43)	M10



REFERENCE Référence	A1 (IN) A1 (in)	A2 (IN) A2 (in)	B (IN) B (in)	C (IN) C (in)	D MÍN (IN) D MÍN (in)	D MÁX (IN) D MÁX (in)	E (IN) E (in)	M (IN) M (in)
PBD-M6	69 (2,72)	89 (3,50)	100 (3,94)	12 (0,47)	30 (1,18)	80 (3,15)	7 (0,28)	M6
PBD-M8	78 (3,07)	89 (3,50)	120 (4,72)	15 (0,59)	35 (1,38)	92 (3,62)	9 (0,35)	M8
PBD-M10	82 (3,23)	95 (3,74)	180 (7,09)	20 (0,79)	42 (1,65)	148 (5,83)	11 (0,43)	M10

REFERENCE  
Référence

PP  
PS  
PSB  
PB  
BRP  
BRB  
PBC  
BRPC  
BAP  
PA  
ARP  
ARB  
PC  
PF  
PBD  
PSD

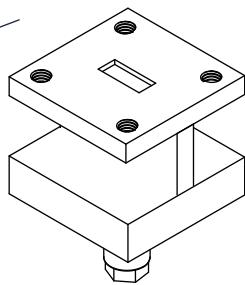
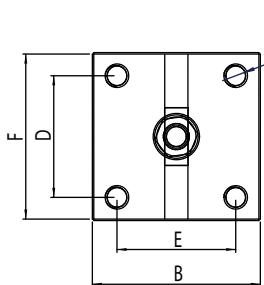
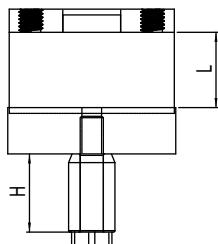
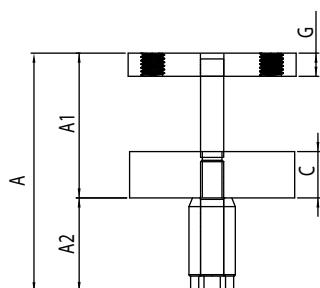
#### SUBTITLE

Hex Head Fully - Threaded  
Hex Head - Flanged Washers  
Hex Head Bolt Retainer  
Flap - Tip Bonded Neoprene Cap - Flanged Washers  
Flap - Tip Bonded Neoprene Cap - Bolt Retainer  
Rubber cone spindle with nut  
Rubber cone spindle with washer  
Flat - Tip Bonded Neoprene Cap - Ring  
Swivel Foot  
Swivel Foot - Flanged Washers  
Swivel Foot - Bolt Retainer  
Corner Foot - Flanged Washers  
Felt Foot - Flanged Washers  
Flat - Tip Bonded Neoprene Cap - Double Piece  
Hex Head - Fully Threaded - Double Piece

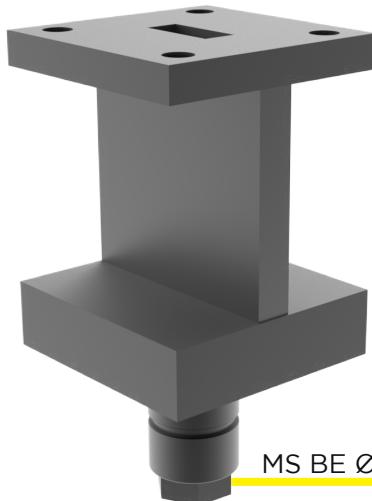
#### LÉGENDE

Vis hexagonale avec écrou  
Vis hexagonale avec plaques de fixation  
Vis hexagonale avec douille  
Vis avec pièce en néoprène et écrou  
Vis avec partie en néoprène et plaques de fixation  
Vis avec douille en néoprène  
Vis avec pièce en néoprène et écrou, conique  
Vis avec pièce en néoprène et plaques de serrage, conique  
Vis avec pièce en néoprène et rondelle  
Vis à charnière avec écrou  
Vis articulée avec écrou  
Vis articulée avec douille  
Vis d'angle avec plaques de fixation  
Vis avec feutre et plaques de fixation  
Vis double avec pièce en néoprène  
Double vis hexagonale

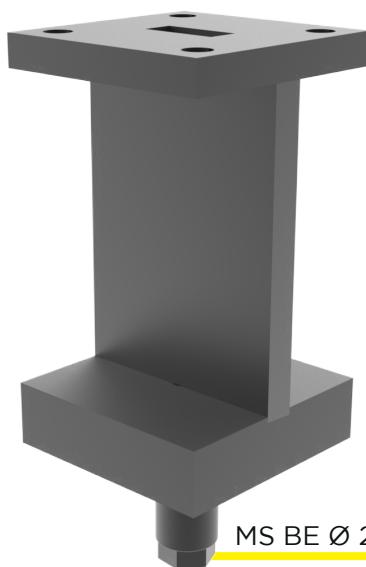
# ELEVATED BASE BASES ÉLEVÉES



MS BE Ø 22 H50 - KF-532/528



MS BE Ø 22 H75 - KF-532/528



MS BE Ø 22 H100 - KF-532/528

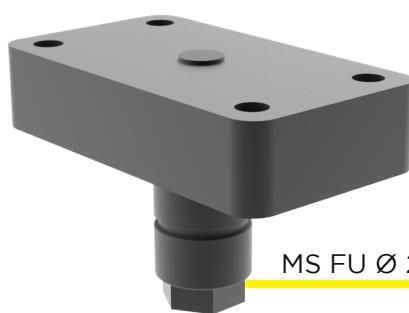
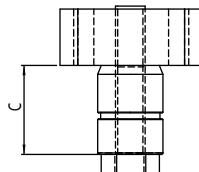
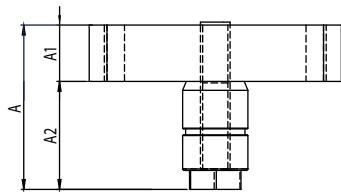
MS - Welding table  
BE - Elevated base  
H - Height

MS - Table de soudage  
BE - Base élevée  
H - Hauteur

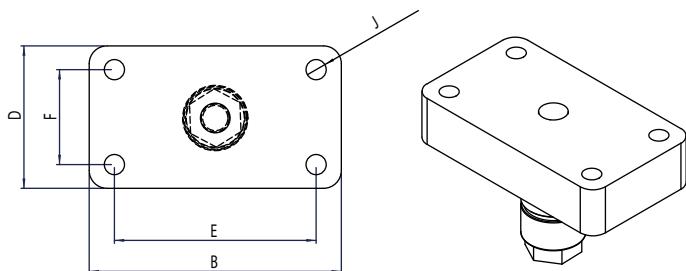
REFERENCE	Référence	A (IN)	A1 (IN)	A2 (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	L (IN)	WEIGHT KG (LB) Poids
MS BE Ø 16 H50 - KF-532/528		82,3 (3,24)	50 (1,96)	32,3 (1,27)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	27 (1,06)	M8	26	0,76 (1,67)
MS BE Ø 22 H50 - KF-532/528		88,4 (3,48)	51 (1,96)	36,4 (1,43)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	30 (1,18)	M8	26	0,82 (1,80)
MS BE Ø 28 H50 - KF-532/528		95,5 (3,75)	52 (1,96)	42,5 (1,67)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	35 (1,37)	M8	26	0,91 (2,00)
MS BE Ø 16 H75 - KF-532/528		107,3 (4,22)	75 (2,95)	32,3 (1,27)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	27 (1,06)	M8	51	0,85 (1,87)
MS BE Ø 22 H75 - KF-532/528		111,4 (4,38)	75 (2,95)	36,4 (1,43)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	30 (1,18)	M8	51	0,914 (2,01)
MS BE Ø 28 H75 - KF-532/528		117,5 (4,62)	75 (2,95)	42,5 (1,67)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	35 (1,37)	M8	51	0,995 (2,19)
MS BE Ø 16 H100 - KF-532/528		132,3 (5,20)	100 (3,93)	32,3 (1,27)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	27 (1,06)	M8	78	0,942 (2,07)
MS BE Ø 22 H100 - KF-532/528		136,4 (5,37)	100 (3,93)	36,4 (1,43)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	30 (1,18)	M8	78	1,005 (2,21)
MS BE Ø 28 H100 - KF-532/528		145,5 (5,72)	100 (3,93)	42,5 (1,67)	58 (2,28)	16 (0,62)	42 (1,65)	41 (1,61)	57 (2,24)	8 (0,31)	35 (1,37)	M8	78	1,085 (2,39)

# VARIABLE STROKE BASE

BASE À COURSE VARIABLE



MS FU Ø 22 - KFRL-20

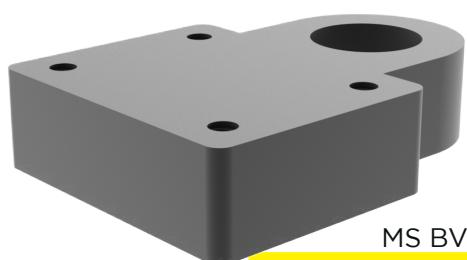
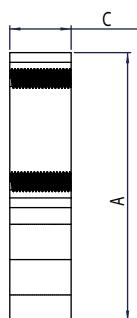
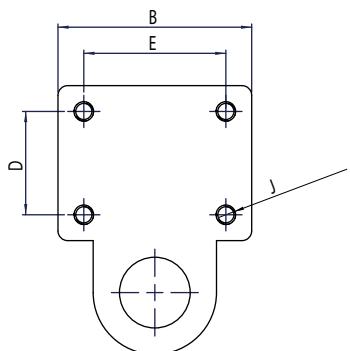


MS - Welding table      MS - Table de soudage  
FU - Variable Stroke      FU - Course variable

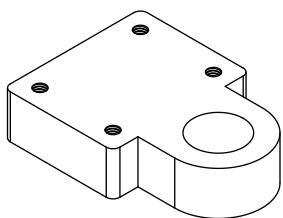
REFERENCE	Référence	A (IN)	A1 (IN)	A2 (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	J (IN)	WEIGHT KG (LB)
											Poids
MS FU Ø 16 - KFRL-20		48,3 (1,90)	16 (0,62)	32,3 (1,27)	85 (3,34)	27 (1,06)	48 (1,88)	68 (2,67)	32 (1,25)	M8	0,542 (1,19)
MS FU Ø 22 - KFRL-20		55,4 (2,18)	19 (0,74)	36,4 (1,43)	85 (3,34)	30 (1,18)	48 (1,88)	68 (2,67)	32 (1,25)	M8	0,695 (1,53)
MS FU Ø 28 - KFRL-20		67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	85 (3,34)	35 (1,37)	48 (1,88)	68 (2,67)	32 (1,25)	M9	0,954 (2,10)

# VERTICAL BASE

BASES VERTICALE



MS BV Ø 22 - KF-011

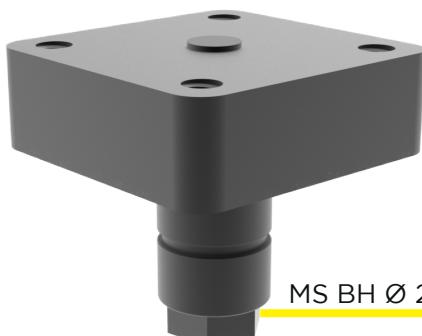
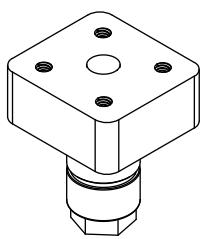
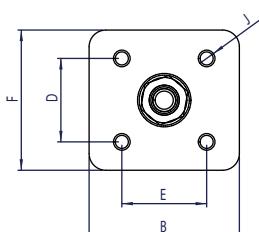
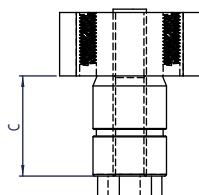
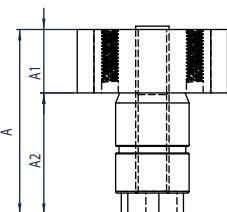
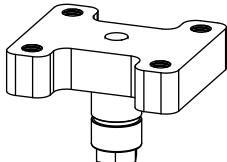
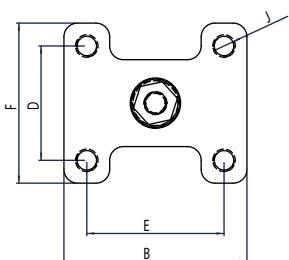
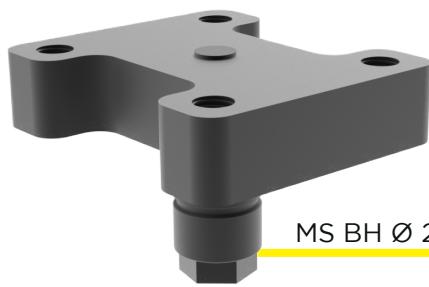
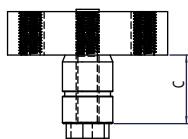
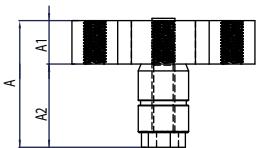


MS - Welding table  
BV - Vertical base

MS - Table de soudage  
BV - Base pour sauterelle verticale

REFERENCE	Référence	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	J (IN)	WEIGHT KG (LB)
								Poids
MS BV Ø 16 - KF-011		83,2 (3,27)	60 (2,36)	16 (0,62)	32 (1,25)	44 (1,73)	M6	0,48 (1,05)
MS BV Ø 22 - KF-011		83,2 (3,27)	60 (2,36)	19 (0,74)	33 (1,25)	44 (1,73)	M6	0,538 (1,18)
MS BV Ø 28 - KF-011		83,2 (3,27)	60 (2,36)	25,4 (1,00)	34 (1,25)	44 (1,73)	M6	0,673 (1,48)
MS BV Ø 16 - KF-111		97,24 (3,82)	60 (2,36)	16 (0,62)	32 (1,25)	44 (1,73)	M8	0,63 (1,38)
MS BV Ø 22 - KF-111		97,24 (3,82)	60 (2,36)	19 (0,74)	33 (1,25)	44 (1,73)	M8	0,72 (1,58)
MS BV Ø 28 - KF-111		97,24 (3,82)	60 (2,36)	25,4 (1,00)	34 (1,25)	44 (1,73)	M8	0,96 (2,11)

# HORIZONTAL BASE BASES HORIZONTALE

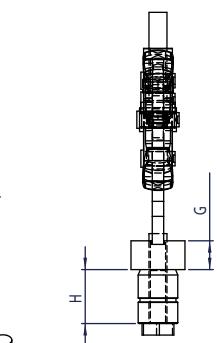
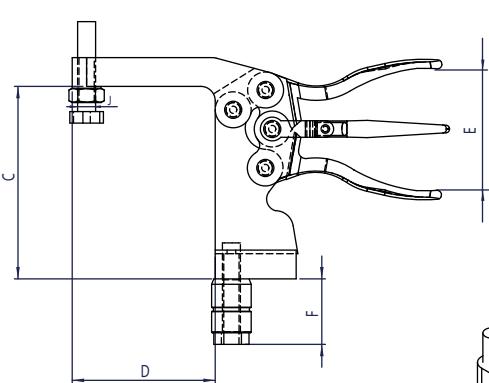


MS - Welding table  
BH - Horizontal base

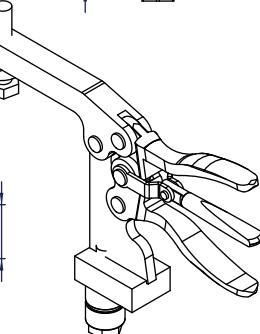
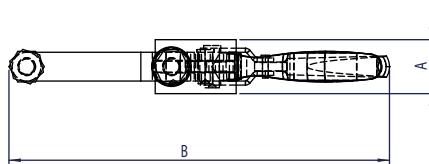
MS - Table de soudage  
BH - Base pour sauterelle horizontale

REFERENCE Référence	A (IN) A (in)	A1 (IN) A1 (in)	A2 (IN) A2 (in)	B (IN) B (in)	C (IN) C (in)	D (IN) D (in)	E (IN) E (in)	F (IN) F (in)	J (IN) J (in)	WEIGHT KG (LB) Poids
MS BH Ø 16 - KF-052	48,3 (1,90)	16 (0,62)	32,3 (1,27)	80 (3,14)	27 (1,06)	50 (1,96)	60 (2,36)	70 (2,75)	M10	0,56 (1,23)
MS BH Ø 22 - KF-052	55,4 (2,18)	19 (0,74)	36,4 (1,43)	80 (3,14)	30 (1,18)	50 (1,96)	60 (2,36)	71 (2,75)	M10	0,713 (1,57)
MS BH Ø 28 - KF-052	67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	80 (3,14)	35 (1,37)	50 (1,96)	60 (2,36)	72 (2,75)	M10	0,997 (2,19)
MS BH Ø 16 - KF-057	48,3 (1,90)	16 (0,62)	32,3 (1,27)	50 (1,96)	27 (1,06)	35 (1,37)	40 (1,57)	55 (2,16)	M6	0,316 (0,69)
MS BH Ø 22 - KF-057	55,4 (2,18)	19 (0,74)	36,4 (1,43)	50 (1,96)	30 (1,18)	35 (1,37)	40 (1,57)	55 (2,16)	M6	0,43 (0,94)
MS BH Ø 28 - KF-057	67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	50 (1,96)	35 (1,37)	35 (1,37)	40 (1,57)	55 (2,16)	M6	0,62 (1,36)
MS BH Ø 16 - KF-511	48,3 (1,90)	16 (0,62)	32,3 (1,27)	36 (1,41)	27 (1,06)	24 (0,94)	26 (1,02)	37 (1,45)	M6	0,558 (1,23)
MS BH Ø 22 - KF-511	55,4 (2,18)	19 (0,74)	36,4 (1,43)	36 (1,41)	30 (1,18)	24 (0,94)	26 (1,02)	37 (1,45)	M6	0,296 (0,65)
MS BH Ø 28 - KF-511	67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	36 (1,41)	35 (1,37)	24 (0,94)	26 (1,02)	37 (1,45)	M6	0,44 (0,97)
MS BH Ø 16 - KF-521	48,3 (1,90)	16 (0,62)	32,3 (1,27)	45 (1,77)	27 (1,06)	25,4 (1,00)	24 (0,944)	42 (1,65)	M8	0,278 (0,61)
MS BH Ø 22 - KF-521	55,4 (2,18)	19 (0,74)	36,4 (1,43)	46 (1,77)	30 (1,18)	25,4 (1,00)	24 (0,944)	42 (1,65)	M8	0,38 (0,83)
MS BH Ø 28 - KF-521	67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	47 (1,77)	35 (1,37)	25,4 (1,00)	24 (0,944)	42 (1,65)	M8	0,553 (1,21)
MS BH Ø 16 - KF-531	48,3 (1,90)	16 (0,62)	32,3 (1,27)	50 (1,96)	27 (1,06)	32 (1,25)	37 (1,45)	55 (2,16)	M10	0,363 (0,80)
MS BH Ø 22 - KF-531	55,4 (2,18)	19 (0,74)	36,4 (1,43)	50 (1,96)	30 (1,18)	32 (1,25)	37 (1,45)	55 (2,16)	M10	0,483 (1,06)
MS BH Ø 28 - KF-531	67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	50 (1,96)	35 (1,37)	32 (1,25)	37 (1,45)	55 (2,16)	M10	0,691 (1,52)
MS BH Ø 16 - KF-532	48,3 (1,90)	16 (0,62)	32,3 (1,27)	57 (2,24)	27 (1,06)	41 (1,61)	42 (1,65)	58 (2,28)	M10	0,442 (0,97)
MS BH Ø 22 - KF-532	55,4 (2,18)	19 (0,74)	36,4 (1,43)	58 (2,24)	30 (1,18)	41 (1,61)	42 (1,65)	58 (2,28)	M10	0,577 (1,27)
MS BH Ø 28 - KF-532	67,9 (2,67)	25,4 (1,00)	42,5 (1,67)	59 (2,24)	35 (1,37)	41 (1,61)	42 (1,65)	58 (2,28)	M10	0,817 (1,80)
MS BH Ø 16 - KF-533	48,3 (1,90)	16 (0,62)	32,3 (1,27)	49 (1,92)	27 (1,06)	41 (1,61)	36 (1,41)	50 (1,96)	M8	0,448 (0,98)
MS BH Ø 22 - KF-533	55,4 (2,18)	19 (0,74)	36,4 (1,43)	49 (1,92)	30 (1,18)	41 (1,61)	36 (1,41)	50 (1,96)	M8	0,583 (1,28)
MS BH Ø 28 - KF-533	67,9 (2,67)	25,4	42,5 (1,67)	49 (1,92)	35 (1,37)	41 (1,61)	36 (1,41)	50 (1,96)	M8	0,824 (1,81)

# SQUEEZE ACTION CLAMPS PINCES ETAU



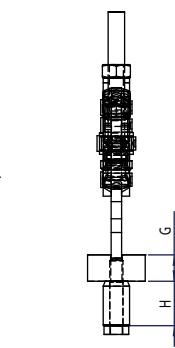
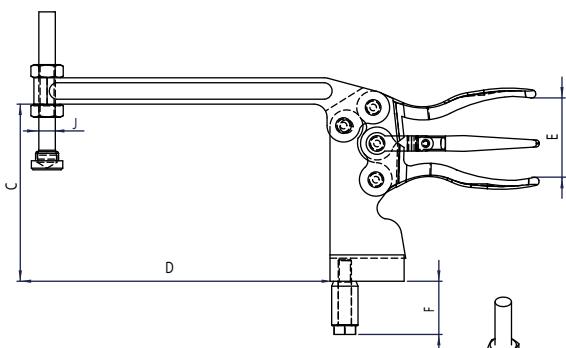
KFA-200 MS Ø 22



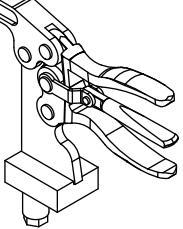
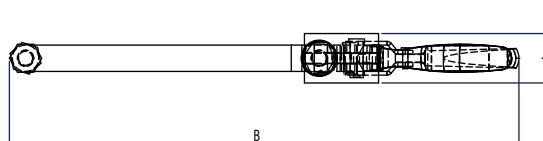
MS - Welding table

MS - Table de soudage

REFERENCE Référence	A (IN) A (in)	B (IN) B (in)	C (IN) C (in)	D (IN) D (in)	E (IN) E (in)	F (IN) F (in)	G (IN) G (in)	H (IN) H (in)	J (IN) J (in)	WEIGHT KG (LB) Poids
KFA-200 MS Ø 16	30 (1,18)	212 (8,34)	107,52 (4,23)	79,5 (3,12)	58 (2,28)	32,3 (1,27)	16 (0,62)	27 (1,06)	M10	0,945 (2,08)
KFA-200 MS Ø 22	30 (1,18)	212 (8,34)	107,52 (4,23)	79,5 (3,12)	58 (2,28)	32,3 (1,27)	16 (0,62)	30 (1,18)	M10	1,007 (2,22)
KFA-200 MS Ø 28	30 (1,18)	212 (8,34)	107,52 (4,23)	79,5 (3,12)	58 (2,28)	32,3 (1,27)	16 (0,62)	35 (1,37)	M10	1,094 (2,41)



KFA-200 L MS Ø 22

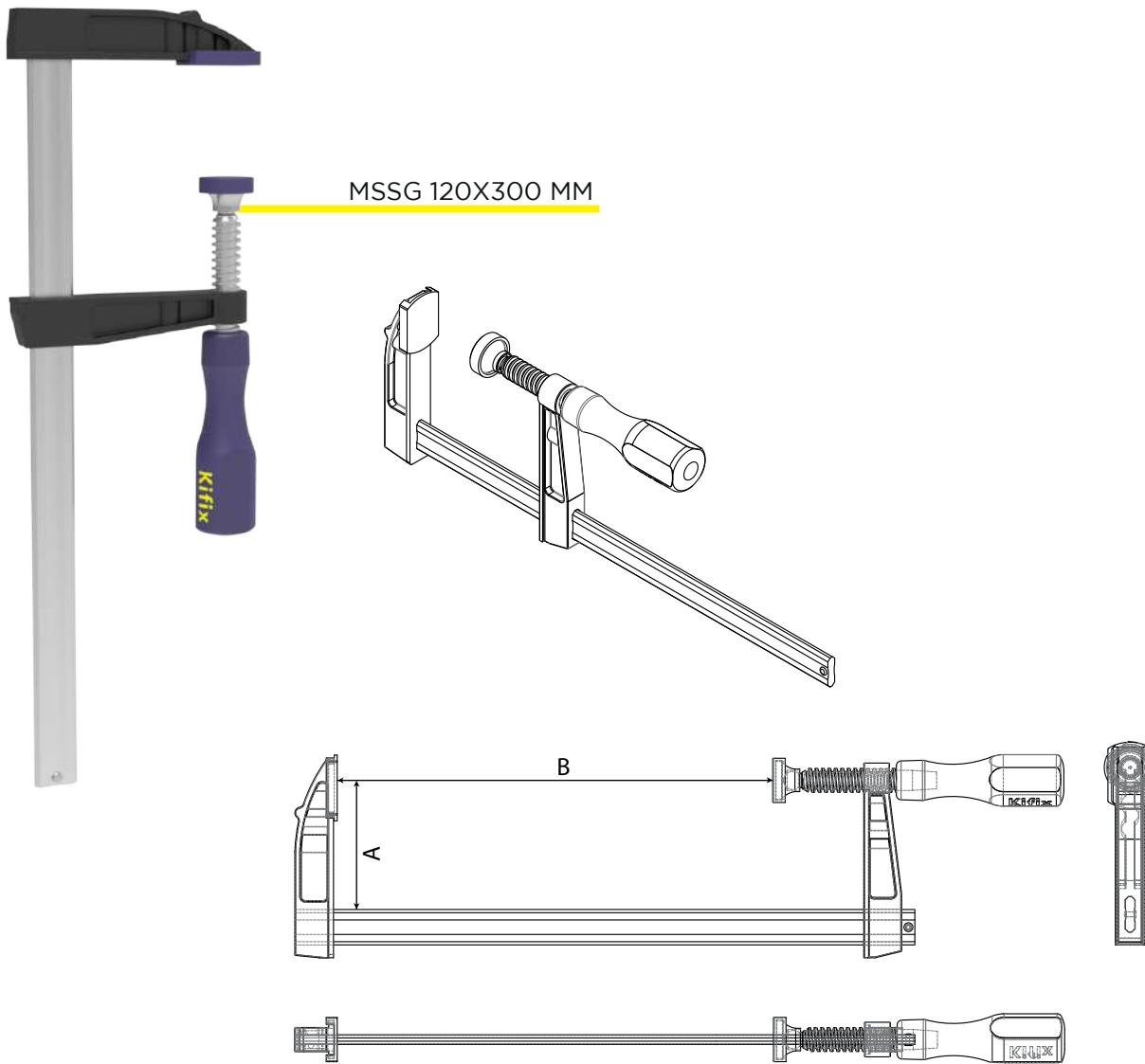


MS - Welding table  
L- Long U-Bar

MS - Table de soudage  
L- Barre en U longue

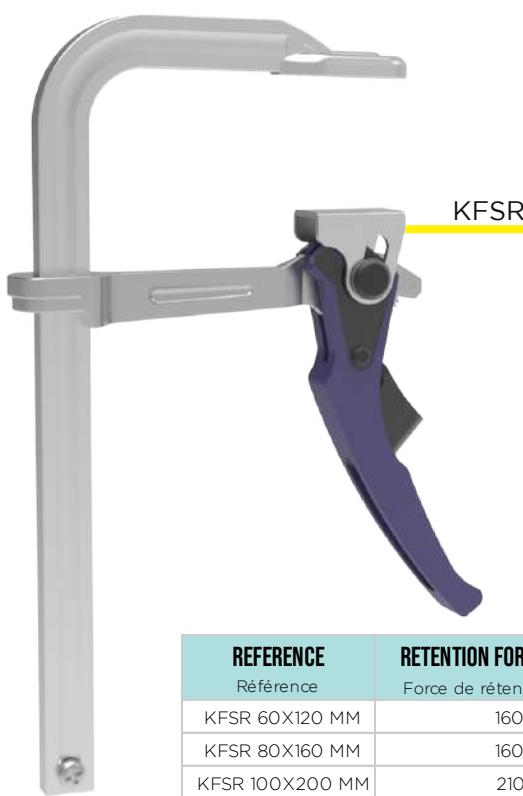
REFERENCE Référence	A (IN) A (in)	B (IN) B (in)	C (IN) C (in)	D (IN) D (in)	E (IN) E (in)	F (IN) F (in)	G (IN) G (in)	H (IN) H (in)	J (IN) J (in)	WEIGHT KG (LB) Poids
KFA-200 L MS Ø 16	30 (1,18)	307 (12,08)	107,52 (4,23)	179,79 (7,07)	58 (2,28)	32,3 (1,27)	16 (0,62)	27 (1,06)	M10	1,129 (2,48)
KFA-200 L MS Ø 22	30 (1,18)	307 (12,08)	107,52 (4,23)	179,79 (7,07)	58 (2,28)	32,3 (1,27)	16 (0,62)	30 (1,18)	M10	1,18 (2,60)
KFA-200 L MS Ø 28	30 (1,18)	307 (12,08)	107,52 (4,23)	179,79 (7,07)	58 (2,28)	32,3 (1,27)	16 (0,62)	35 (1,37)	M10	1,266 (2,79)

# F CLAMP SERRES JOINTS F

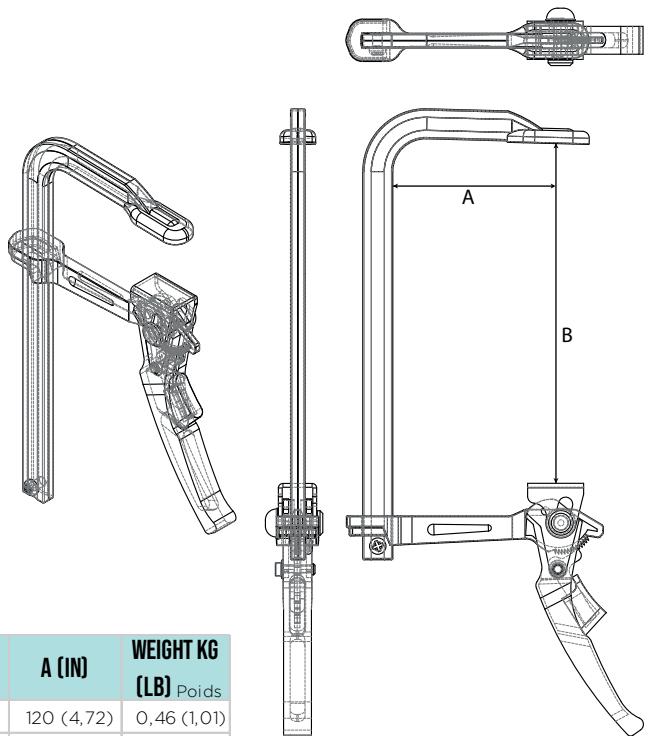


REFERENCE Référence	RETENTION FORCE KGF (LBF) Force de rétention Kgf (lbf)	A (IN) mm	B (IN) mm	WEIGHT KG [LB] Poids
KFSG 50X100 MM	1700	50 (1,96)	100 (3,93)	0,33 (0,72)
KFSG 50X150 MM	1700	50 (1,96)	150 (5,90)	0,35 (0,77)
KFSG 50X200 MM	1700	50 (1,96)	200 (7,87)	0,38 (0,83)
KFSG 50X300 MM	1700	50 (1,96)	300 (11,81)	0,42 (0,92)
KFSG 80X200 MM	2700	80 (3,14)	200 (7,87)	0,74 (1,63)
KFSG 80X300 MM	2700	81 (3,14)	300 (11,81)	0,93 (2,05)
KFSG 80X400 MM	2700	82 (3,14)	400 (15,74)	1,12 (2,46)
KFSG 80X500 MM	2700	83 (3,14)	500 (19,68)	1,31 (2,88)
KFSG 100X200 MM	3300	100 (3,93)	200 (7,87)	1,08 (2,38)
KFSG 100X400 MM	3300	100 (3,93)	400 (15,74)	1,38 (3,04)
KFSG 100X500 MM	3300	100 (3,93)	500 (19,68)	1,46 (3,21)
KFSG 100X600 MM	3300	100 (3,93)	600 (23,62)	1,58 (3,48)
KFSG 120X250 MM	4500	120 (4,72)	250 (9,84)	1,47 (3,24)
KFSG 120X300 MM	4500	120 (4,72)	300 (11,81)	1,55 (3,41)
KFSG 120X400 MM	4500	120 (4,72)	400 (15,74)	1,7 (3,74)
KFSG 120X500 MM	4500	120 (4,72)	500 (19,68)	1,85 (4,07)
KFSG 120X600 MM	4500	120 (4,72)	600 (23,62)	2 (4,40)
KFSG 120X800 MM	4500	120 (4,72)	800 (31,49)	2,29 (5,04)

# RATCHET F CLAMP SERRES JOINTS À CLIQUET

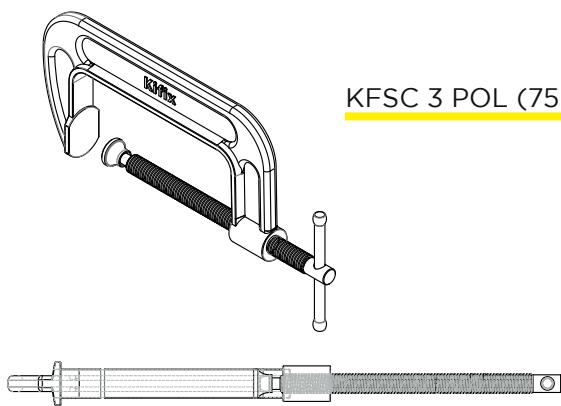


SR - Carver fast  
SR - Pince carver rapide

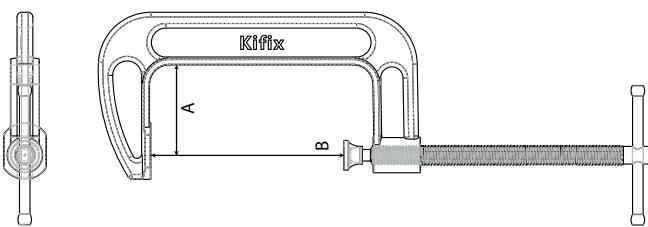


REFERENCE Référence	RETENTION FORCE KGF (LBF) Force de rétention Kgf (lbf)	B (IN) B (in)	A (IN) A (in)	WEIGHT KG (LB) Poids
KFSR 60X120 MM	1600	60 (2,36)	120 (4,72)	0,46 (1,01)
KFSR 80X160 MM	1600	80 (3,14)	160 (6,29)	0,57 (1,25)
KFSR 100X200 MM	2100	100 (3,93)	200 (7,87)	1,18 (2,60)
KFSR 100X250 MM	2100	100 (3,93)	250 (9,84)	1,25 (2,75)
KFSR 100X300 MM	2100	100 (3,93)	300 (11,81)	1,38 (3,04)
KFSR 100X400 MM	2100	100 (3,93)	400 (15,74)	1,51 (3,32)
KFSR 120X250 MM	3000	120 (4,72)	250 (9,84)	1,45 (3,19)
KFSR 120X300 MM	3000	120 (4,72)	300 (11,81)	1,53 (3,37)
KFSR 120X400 MM	3700	120 (4,72)	400 (15,74)	2,49 (5,48)
KFSR 120X500 MM	3700	120 (4,72)	500 (19,68)	2,7 (5,95)
KFSR 120X600 MM	3700	120 (4,72)	600 (23,62)	2,91 (6,41)

# C CLAMP SERRES JOINTS C



SC - Clamp C  
SC - Pince C



REFERENCE Référence	RETENTION FORCE KGF (LBF) Force de rétention Kgf (lbf)	A (IN) A (in)	B (IN) B (in)	WEIGHT KG (LB) Poids
KFSC 1 POL (25MM)	1000	25 (0,98)	25 (0,98)	0,09 (1,19)
KFSC 2 POL (50MM)	2300	26 (1,02)	50 (1,96)	0,175 (0,38)
KFSC 3 POL (75MM)	5500	50 (1,96)	75 (2,95)	0,44 (0,97)
KFSC 4 POL (100MM)	7000	60 (2,36)	100 (3,93)	0,64 (1,41)
KFSC 5 POL (125MM)	7500	67 (2,63)	125 (4,92)	0,95 (2,09)
KFSC 6 POL (150MM)	9000	72 (2,83)	150 (5,90)	1,23 (2,71)
KFSC 8 POL (200MM)	10000	88 (3,46)	200 (7,87)	1,79 (3,94)

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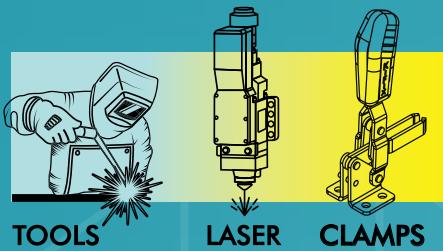
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