

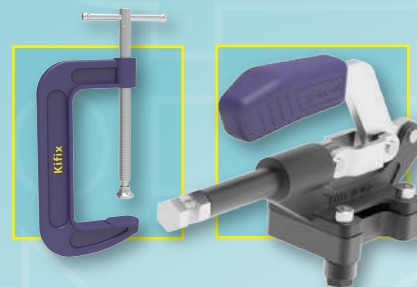
Kifix[®]
G R O U P
G R O U P E

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**



SINCE 2004
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.

**Les images de ce catalogue sont illustratives et servent à identifier le produit. Kifix se réserve le droit de les modifier sans préavis.

06 Vertical Hold-Down Toggle Clamp

pag **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 **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 **Sauterelles horizontale renforcées**

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

25 Pull Action Latch Clamp

pag **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 **Sauterelles sangle à crochet**

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

32 Straight Line Action Clamp

pag **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 **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 **Sauterelles poussoir à rotation**

KF-007 G

36 Straight Line Action Clamp Frontal

pag **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 **Sauterelle poussoir à piston carré**

KFKT-012

pag 38 Double Clamps

Sauterelles d'angle

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

pag 39 Variable Stroke

Sauterelles poussoir à course variable

KFRL / KFRF

pag 39 Handles

Poignées

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

pag 40 Carver Clamp

Serres joints Carver

KFS-150 / KFS-300

pag 40 Compressor Clamp

Serres joints à compression

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

pag 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

pag 44 Power Clamp

Sauterelles pneumatiques série lourde

KFP-L40 / KFP-L63

pag 45 Hinges and Latch

Charnières et loquets

KFD-14 / KFD 19

KFT-10 / KFT-14

pag 45 Squeeze Action Clamp

Pincers étai

KFA-300

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

pag 47 Handle

Broches de serrage

KF-AL

pag 47 Spindle

Broches

PC / PF

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

PSD / PBD

pag 50 Adapters for Welding Tables

Adaptateurs pour tables de soudage

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

pag 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).

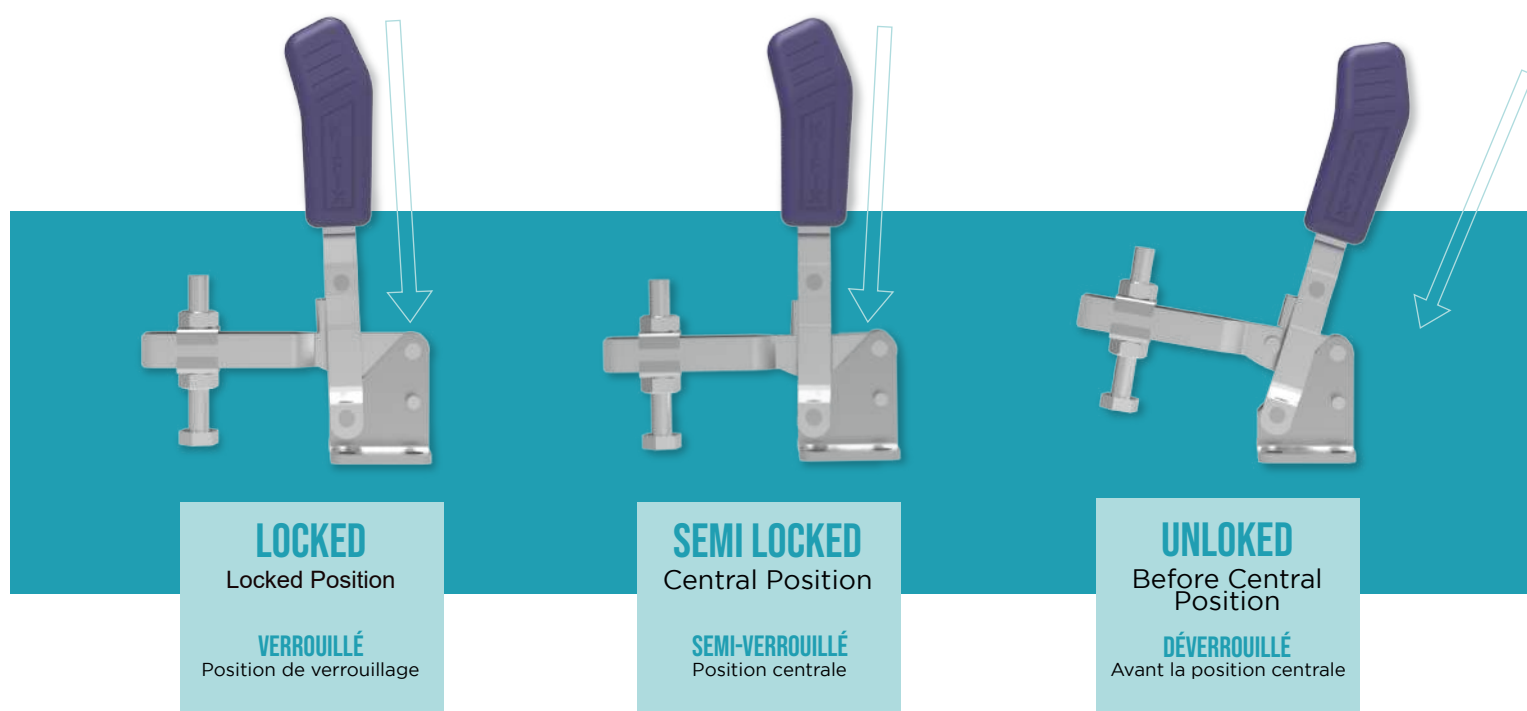
This mechanism consists of a three-point joint known as "knee or elbow action", which provides a mechanical lock (see figure below) that generates a retaining force contrary to the applied force, which is released only if actuated purposefully.

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 less 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 = $680 \times \frac{AC}{AB} = 680 \times \frac{135}{90} = 1.020$ Kgf.

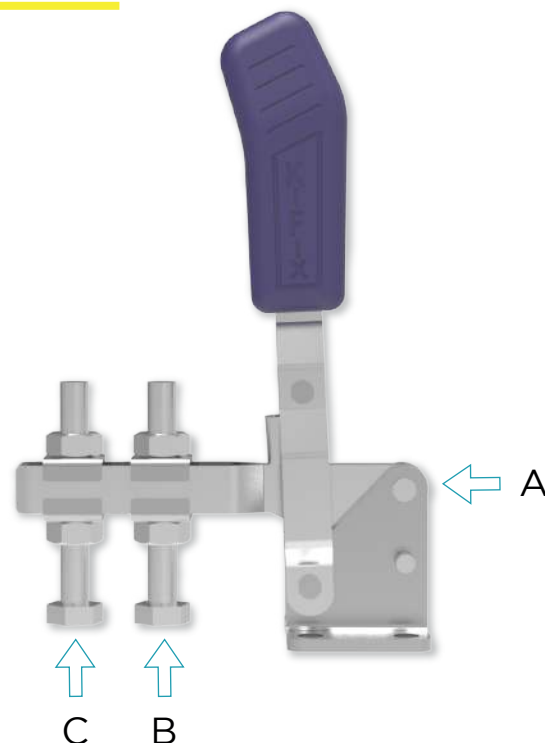
La force de rétention est proportionnelle à la distance entre le point de rotation (A) et le point d'attache de la pointe (B / C).

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 = $680 \times \frac{AC}{AB} = 680 \times \frac{135}{90} = 1.020$ 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.



Blue (standart)
Bleu (standard)



Black
Noir



Red
Rouge



Orange
Orange



Green
Vert



Black
Noir



Red
Rouge



Blue (standart)
Bleu (standard)

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.



KF-011 DS A

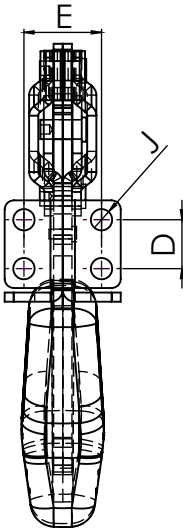
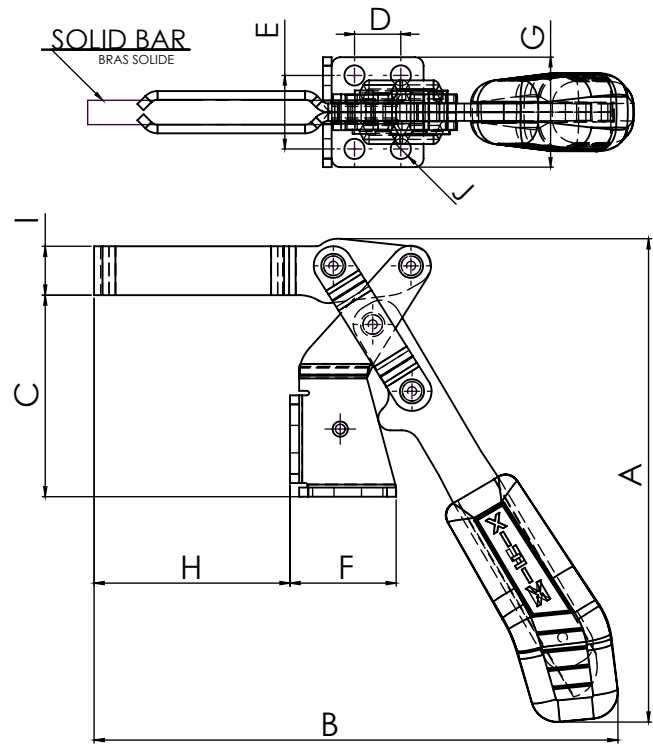
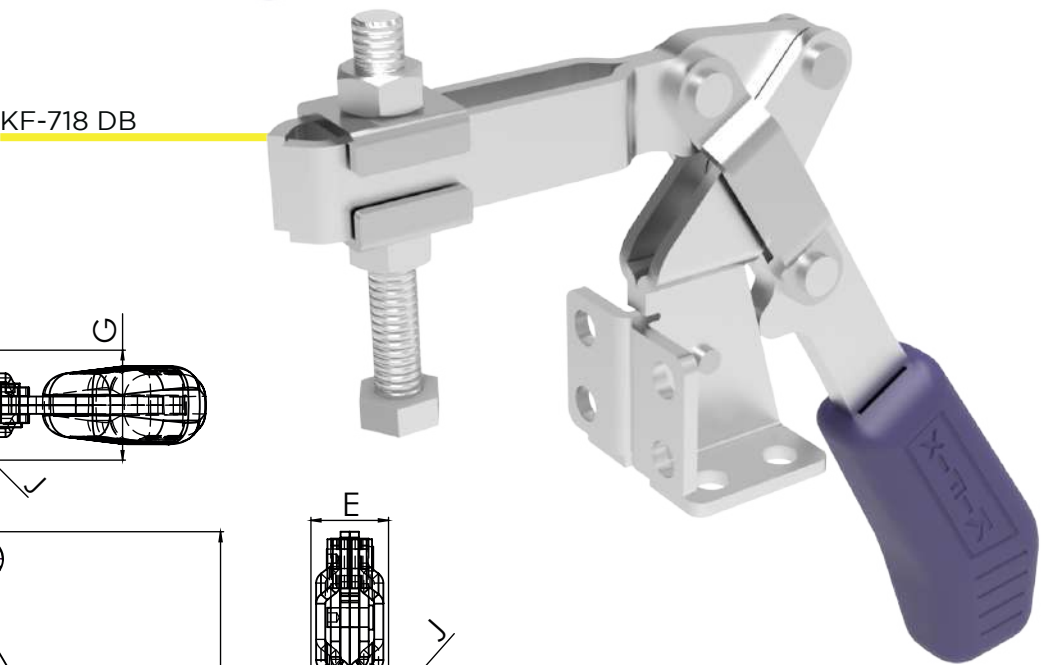
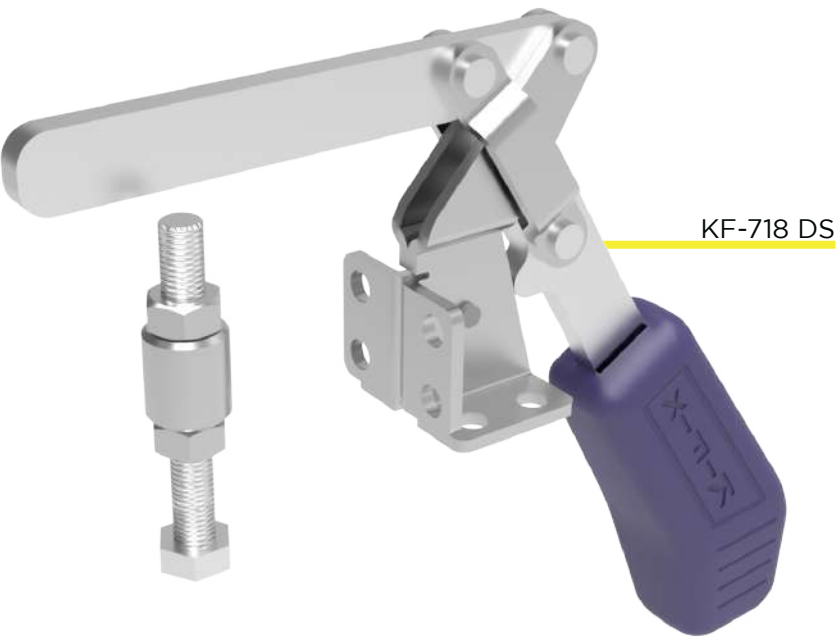


Adaptation
Adaptation

KF-011 DS A JD

VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SÉRRAGE VERTICAL



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

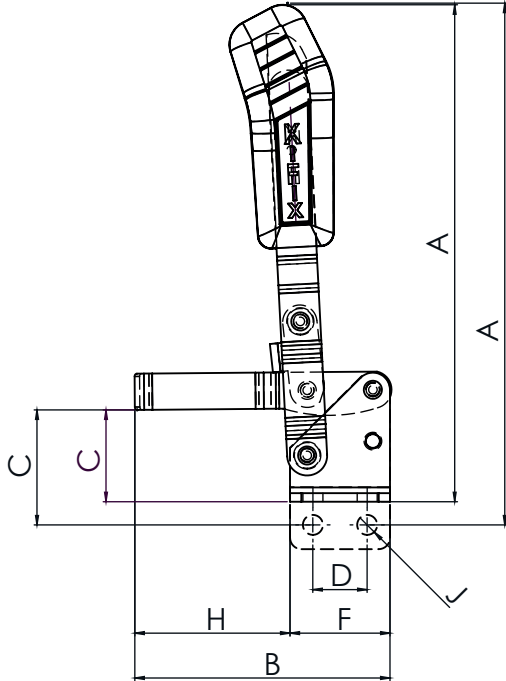
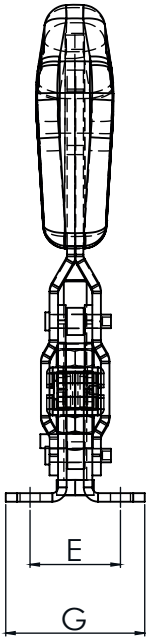
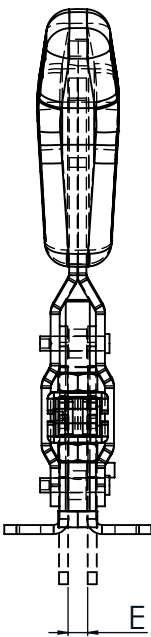
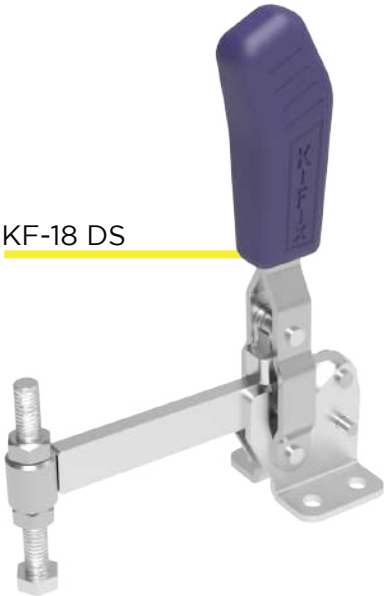
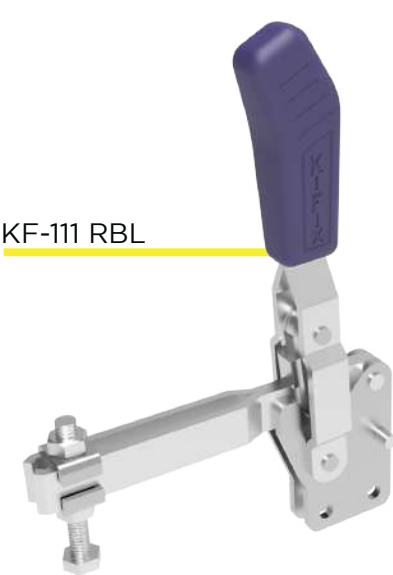
BASES
D - Base à plat
R - Base verticale
- HASTES**
B - U-Bar
S - Solid Bar

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)

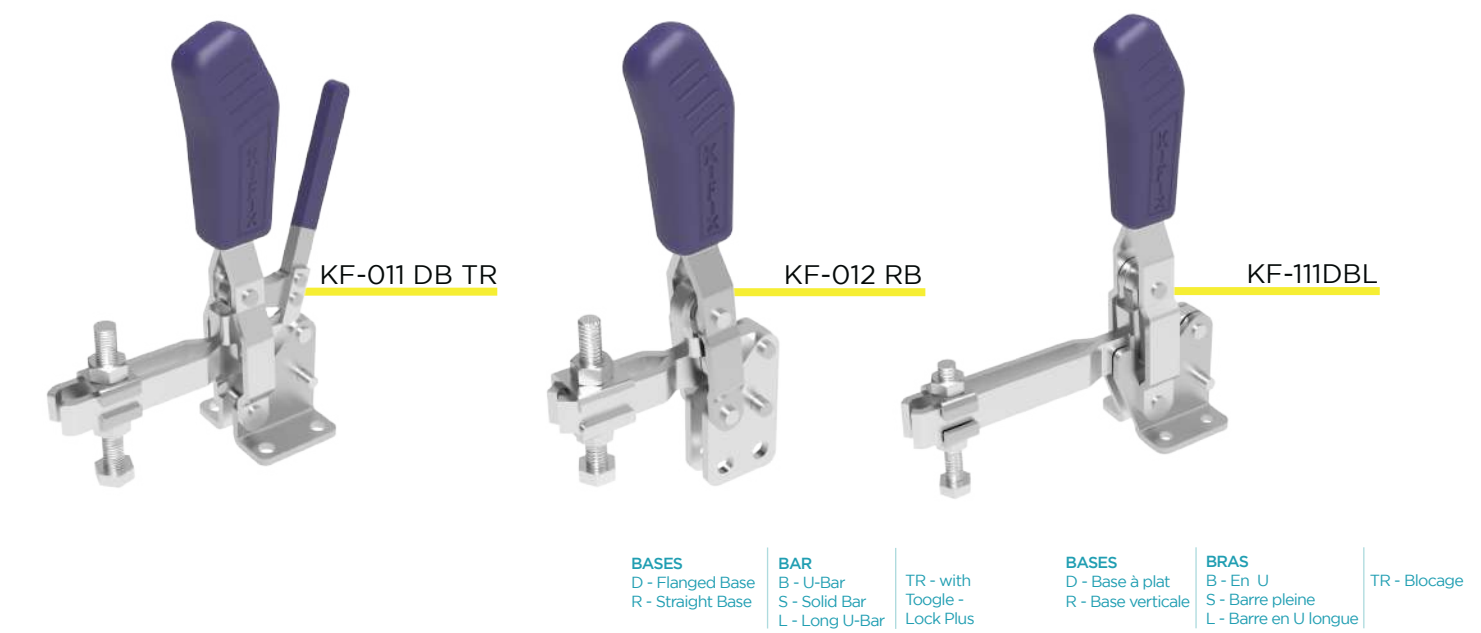
VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SÉRRAGE VERTICAL



VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SÉRRAGE VERTICAL



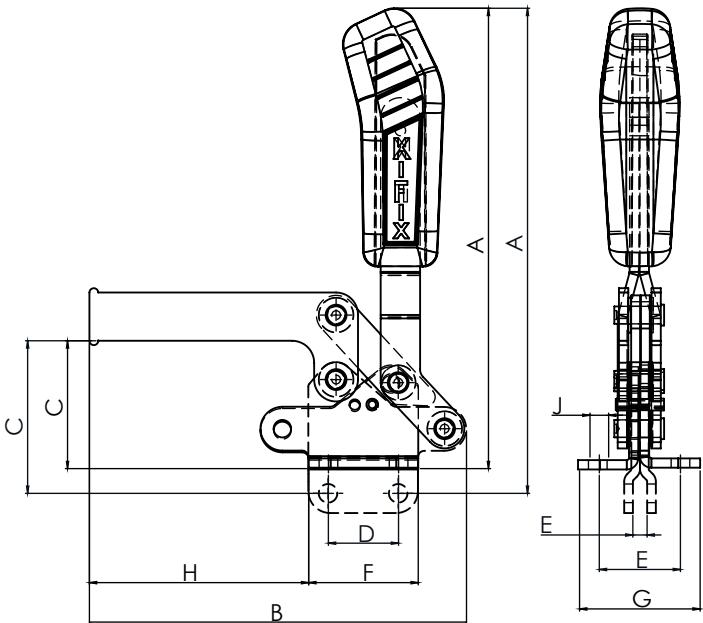
REFERENCE	RETENTION FORCE KGf (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-010 DB	32 (70,4)	86 (3,39)	51,3 (2,02)	16 (0,63)	16 (0,63)	23,9 (0,94)	25,4 (1,00)	33,3 (1,31)	25,9 (1,02)	4,3 (0,17)	M6	90	0,090 (0,190)
KF-010 RB	32 (70)	93 (3,66)	51,3 (2,02)	23 (0,91)	16 (0,63)	4 (0,16)	25,4 (1,00)	-	25,9 (1,02)	4,3 (0,17)	M6	90	0,090 (0,190)
KF-012 DB	90 (198)	128 (5,04)	70 (2,76)	23 (0,91)	12,7 (0,50)	27 (1,06)	25 (0,98)	39,6 (1,56)	45 (1,77)	5,6 (0,22)	M6	90	0,210 (0,462)
KF-012 DBL	70 (154)	128 (5,04)	85 (3,35)	23 (0,91)	12,7 (0,50)	27 (1,06)	25 (0,98)	39,6 (1,56)	60 (2,36)	5,6 (0,22)	M6	90	0,215 (0,473)
KF-012 RB	90 (198)	132 (5,20)	70 (2,76)	29 (1,14)	12,7 (0,50)	6 (0,24)	25 (0,98)	-	45 (1,77)	5,6 (0,22)	M6	90	0,210 (0,462)
KF-012 RBL	70 (154)	132 (5,20)	85 (3,35)	29 (1,14)	12,7 (0,50)	6 (0,24)	25 (0,98)	-	60 (2,36)	5,6 (0,22)	M6	90	0,215 (0,473)
KF-017 DB	170 (374)	175 (6,89)	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)	M8	90	0,400 (0,880)
KF-017 RB TR	170 (374)	183 (7,20)	90 (3,54)	40 (1,57)	19 (0,75)	6,5 (0,26)	35 (1,38)	-	55 (2,17)	7,0 (0,28)	M8	90	0,400 (0,880)
KF-017 DB TR	170 (374)	175 (6,89)	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)	M8	90	0,400 (0,880)
KF-017 DBL	150 (330)	175 (6,89)	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)	M8	90	0,410 (0,902)
KF-017 DBL TR	150 (330)	175 (6,89)	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)	M8	90	0,410 (0,902)
KF-017 DS	200 (440)	175 (6,89)	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)	M8	90	0,410 (0,902)
KF-017 RB	170 (374)	183 (7,20)	90 (3,54)	40 (1,57)	19 (0,75)	6,5 (0,26)	35 (1,38)	-	55 (2,17)	7,0 (0,28)	M8	90	0,400 (0,880)
KF-017 RBL	150 (330)	183 (7,20)	120 (4,72)	40 (1,57)	19 (0,75)	6,5 (0,26)	35 (1,38)	-	85 (3,35)	7,0 (0,28)	M8	90	0,410 (0,902)
KF-017 RS	200 (440)	183 (7,20)	120 (4,72)	40 (1,57)	19 (0,75)	6,5 (0,26)	35 (1,38)	-	85 (3,35)	7,0 (0,28)	M8	90	0,410 (0,902)
KF-018 DB	250 (550)	178 (7,01)	120 (4,72)	32 (1,26)	20 (0,79)	33,5 (1,32)	37 (1,46)	50,5 (1,99)	83 (3,27)	7,0 (0,28)	M8	90	0,430 (0,946)
KF-018 DB TR	250 (550)	178 (7,01)	120 (4,72)	32 (1,26)	20 (0,79)	33,5 (1,32)	37 (1,46)	50,5 (1,99)	83 (3,27)	7,0 (0,28)	M8	90	0,430 (0,946)
KF-018 DS	250 (550)	178 (7,01)	120 (4,72)	32 (1,26)	20 (0,79)	33,5 (1,32)	37 (1,46)	50,5 (1,99)	83 (3,27)	7,0 (0,28)	M8	90	0,430 (0,946)
KF-018 RB	250 (550)	186 (7,32)	120 (4,72)	40 (1,57)	20 (0,79)	6,5 (0,26)	37 (1,46)	-	83 (3,27)	7,0 (0,28)	M8	90	0,430 (0,946)
KF-018 RS	250 (550)	186 (7,32)	120 (4,72)	40 (1,57)	20 (0,79)	6,5 (0,26)	37 (1,46)	-	83 (3,27)	7,0 (0,28)	M8	90	0,430 (0,946)
KF-016 DB	280 (616)	175 (6,89)	90 (3,54)	31,5 (1,24)	19,5 (0,77)	32,5 (1,28)	35 (1,38)	50 (1,97)	55 (2,17)	7,5 (0,30)	M8	90	0,420 (0,924)
KF-016 DBL	260 (572)	175 (6,89)	137,4 (5,41)	31,5 (1,24)	19,5 (0,77)	32,5 (1,28)	35 (1,38)	50 (1,97)	102,4 (4,03)	7,5 (0,30)	M8	90	0,440 (0,968)
KF-016 DS	310 (682)	175 (6,89)	137,4 (5,41)	31,5 (1,24)	19,5 (0,77)	32,5 (1,28)	35 (1,38)	50 (1,97)	102,4 (4,03)	7,5 (0,30)	M8	90	0,440 (0,968)
KF-016 RB	280 (616)	183 (7,20)	90 (3,54)	39 (1,54)	19,5 (0,77)	6,7 (0,26)	35 (1,38)	-	55 (2,17)	7,5 (0,30)	M8	90	0,420 (0,924)
KF-016 RBL	260 (572)	183 (7,20)	137,4 (5,41)	39 (1,54)	19,5 (0,77)	6,7 (0,26)	35 (1,38)	-	102,4 (4,03)	7,5 (0,30)	M8	90	0,440 (0,968)
KF-016 RS	310 (682)	183 (7,20)	137,4 (5,41)	39 (1,54)	19,5 (0,77)	6,7 (0,26)	35 (1,38)	-	102,4 (4,03)	7,5 (0,30)	M8	90	0,440 (0,968)
KF-011 DB	340 (749)	211 (8,31)	140 (5,51)	41 (1,61)	32 (1,26)	44 (1,73)	48 (1,89)	60 (2,36)	92 (3,62)	8,5 (0,33)	M10	90	0,820 (1,804)
KF-011 DB TR	340 (749)	211 (8,31)	140 (5,51)	41 (1,61)	32 (1,26)	44 (1,73)	48 (1,89)	60 (2,36)	92 (3,62)	8,5 (0,33)	M10	90	0,820 (1,804)
KF-011 DBL	315 (694)	211 (8,31)	166 (6,54)	41 (1,61)	32 (1,26)	44 (1,73)	48 (1,89)	60 (2,36)	118 (4,65)	8,5 (0,33)	M10	90	0,850 (1,870)
KF-011 DBL TR	360 (793)	211 (8,31)	166 (6,54)	41 (1,61)	32 (1,26)	44 (1,73)	48 (1,89)	60 (2,36)	118 (4,65)	8,5 (0,33)	M10	90	0,850 (1,870)
KF-011 DS	340 (749)	211 (8,31)	166 (6,54)	41 (1,61)	32 (1,26)	44 (1,73)	48 (1,89)	60 (2,36)	118 (4,65)	8,5 (0,33)	M10	90	0,830 (1,826)
KF-011 RB	340 (749)	223 (8,78)	140 (5,51)	53 (2,09)	32 (1,26)	8 (0,31)	48 (1,89)	-	92 (3,62)	8,5 (0,33)	M10	90	0,820 (1,804)
KF-011 RBL	315 (694)	223 (8,78)	166 (6,54)	53 (2,09)	32 (1,26)	8 (0,31)	48 (1,89)	-	118 (4,65)	8,5 (0,33)	M10	90	0,850 (1,870)
KF-011 RS	360 (793)	223 (8,78)	166 (6,54)	53 (2,09)	32 (1,26)	8 (0,31)	48 (1,89)	-	118 (4,65)	8,5 (0,33)	M10	90	0,830 (1,826)
KF-111 DB	680 (1496)	258 (10,16)	155 (6,10)	50 (1,97)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	100 (3,94)	8,5 (0,33)	M10	90	1,400 (3,080)
KF-111 DB TR	680 (1496)	258 (10,16)	155 (6,10)	50 (1,97)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	100 (3,94)	8,5 (0,33)	M10	90	1,400 (3,080)
KF-111 DBL	650 (1430)	258 (10,16)	200 (7,87)	50 (1,97)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	145 (5,71)	8,5 (0,33)	M10	90	1,440 (3,168)
KF-111 DBL TR	650 (1430)	258 (10,16)	200 (7,87)	50 (1,97)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	145 (5,71)	8,5 (0,33)	M10	90	1,440 (3,168)
KF-111 DS	700 (1540)	258 (10,16)	200 (7,87)	50 (1,97)	32 (1,26)	45 (1,77)	55 (2,17)	67 (2,64)	145 (5,71)	8,5 (0,33)	M10	90	1,420 (3,124)
KF-111 RB	680 (1496)	268 (10,55)	155 (6,10)	60 (2,36)	32 (1,26)	9,5 (0,37)	55 (2,17)	-	100 (3,94)	8,5 (0,33)	M10	90	1,400 (3,080)
KF-111 RBL	650 (1430)	268 (10,55)	200 (7,87)	60 (2,36)	32 (1,26)	9,5 (0,37)	55 (2,17)	-	145 (5,71)	8,5 (0,33)	M10	90	1,440 (3,168)
KF-111 RS	700 (1540)	268 (10,55)	200 (7,87)	60 (2,36)	32 (1,26)	9,5 (0,37)	55 (2,17)	-	145 (5,71)	8,5 (0,33)	M10	90	1,420 (3,124)

VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SÉRRAGE VERTICAL



KF-631 DI TR



KF-631 DIL



KF-631 RL

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

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

POIGNÉE
T - Poignée en "T"
- BAS**
D - Flanged base
R - Straight Base

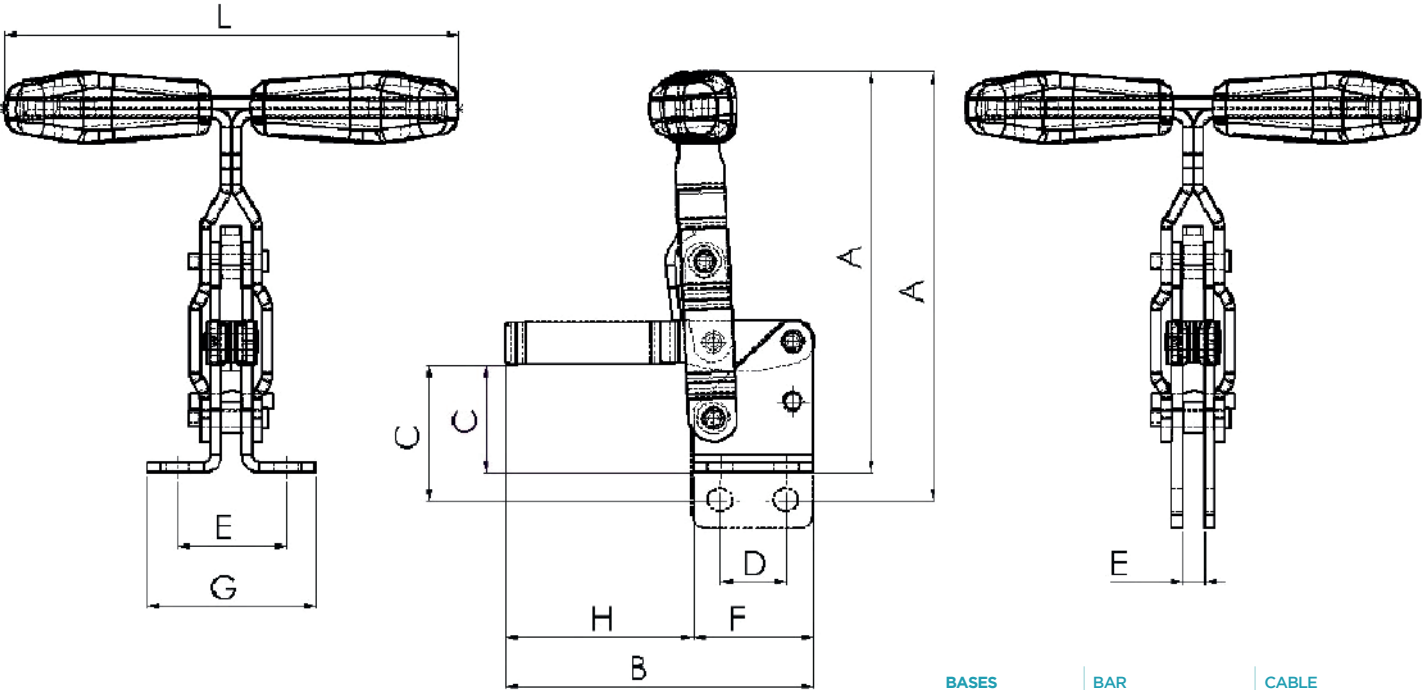
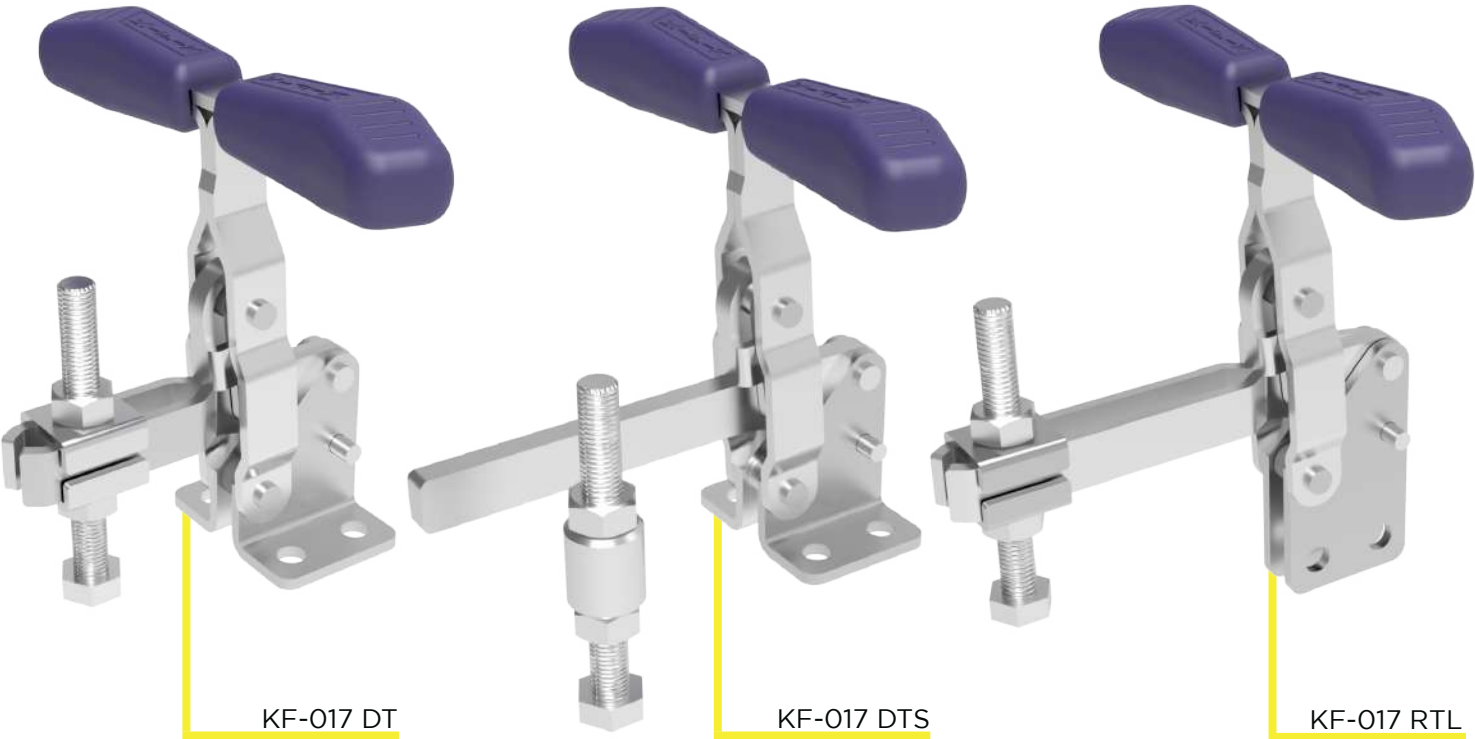
BAR
S - Solid Bar
L - Long U-Bar

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-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)	8,5 (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

BASES
D - Base à plat
R - Base verticale
- BAR**
S - Solid Bar
L - Long U-Bar

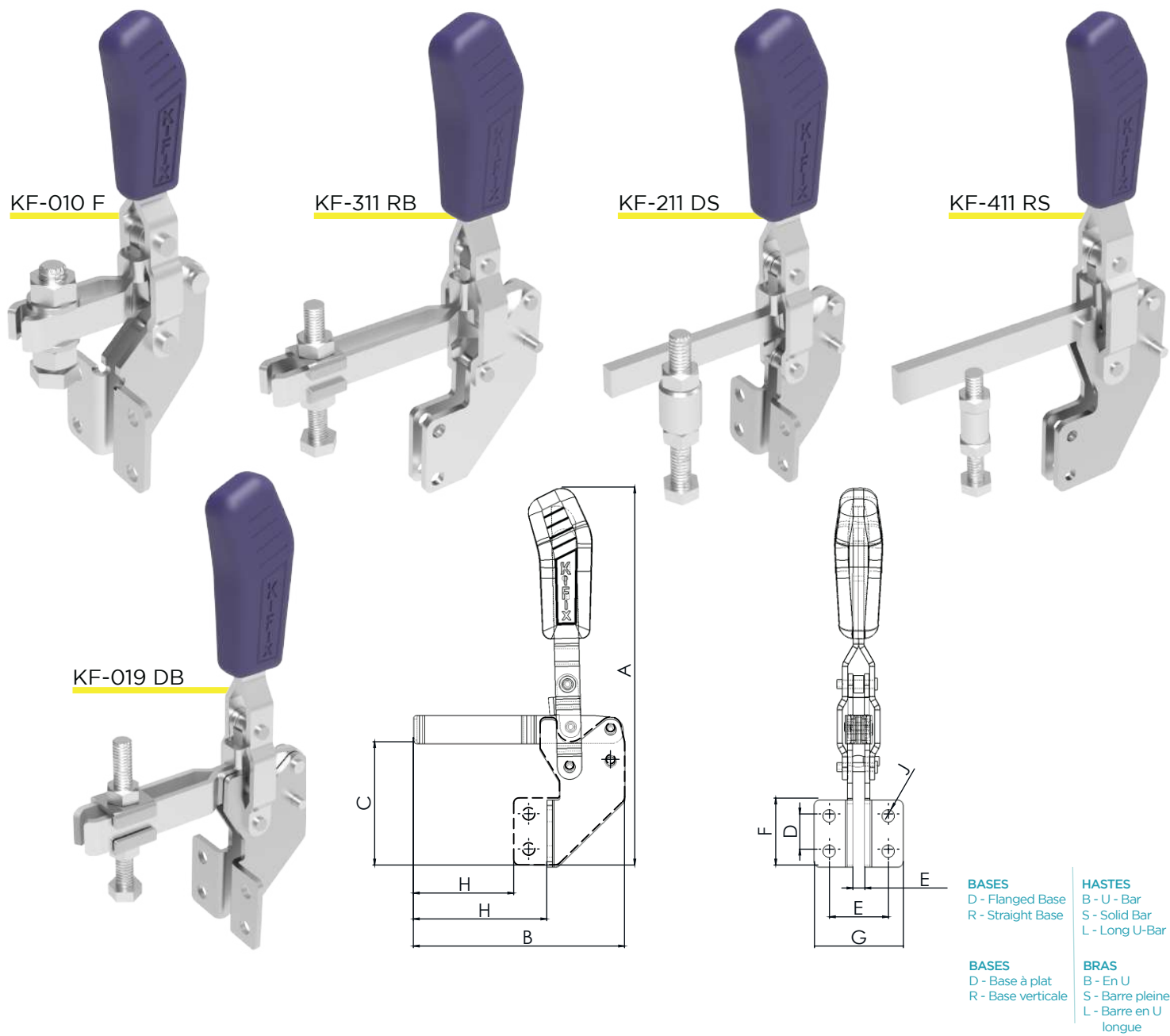
BRAS
S - Barre pleine
L - Barre en U longue
- CABLE**
T- Cable "T"

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

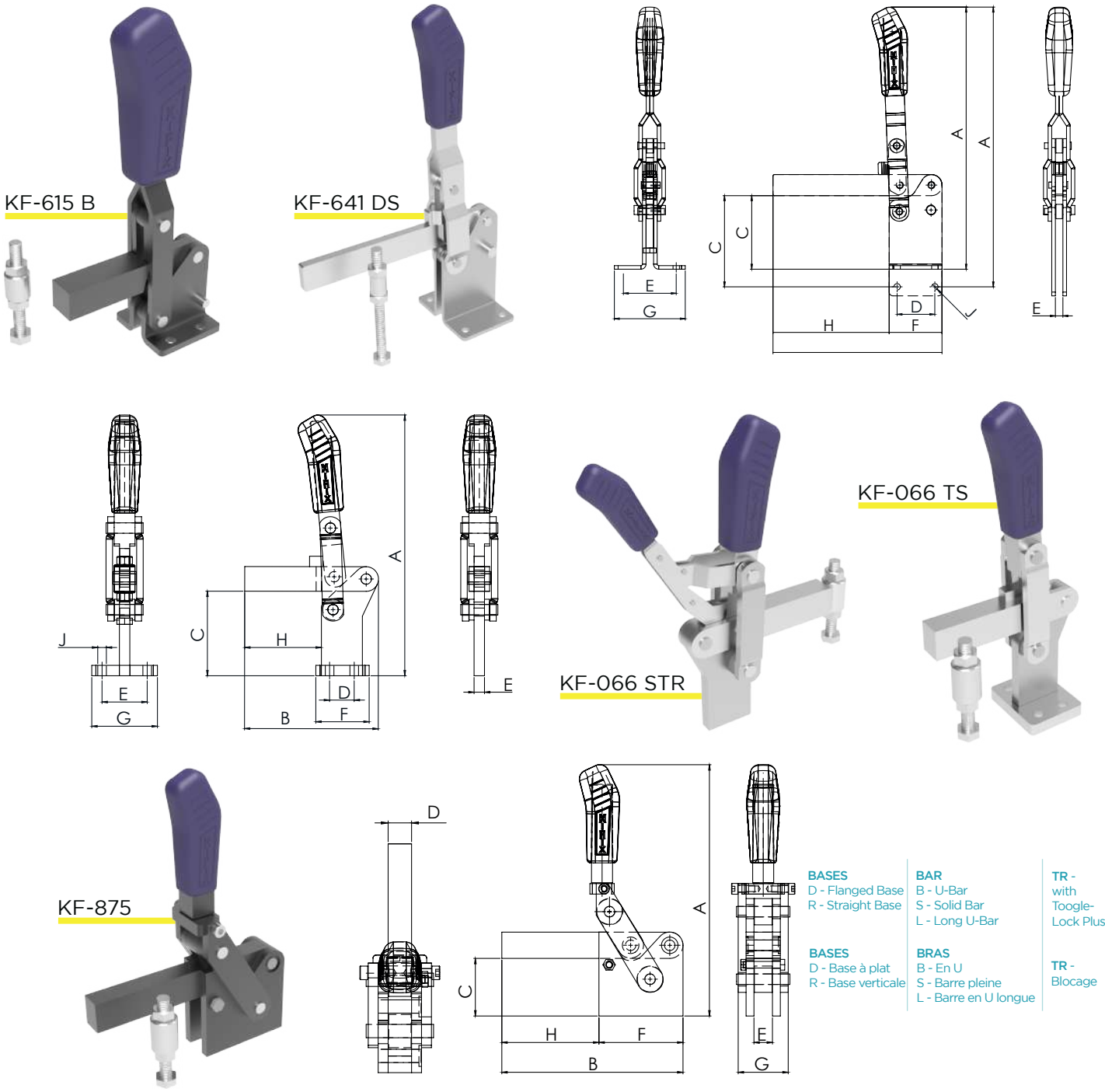
SAUTERELLES À SERRAGE VERTICAL



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

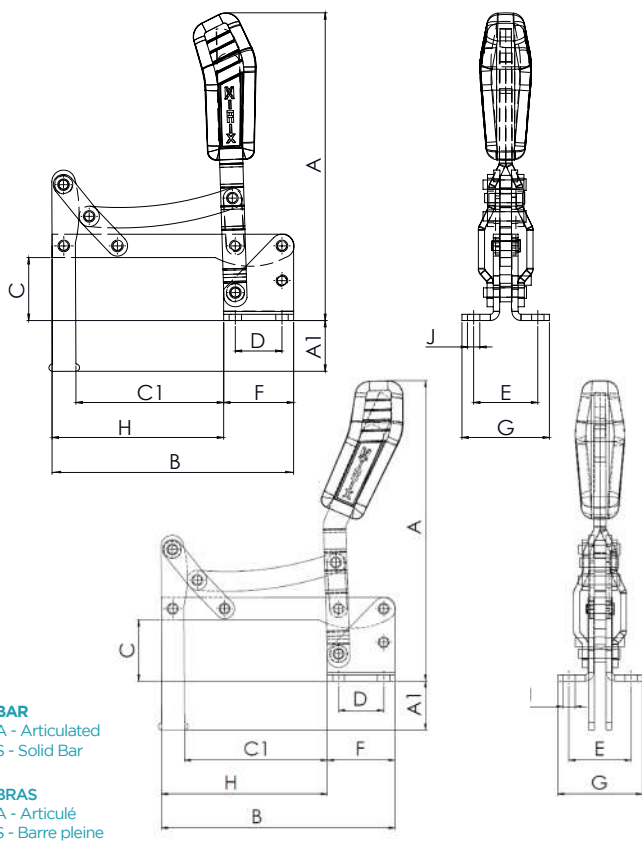
SAUTERELLES À SERRAGE VERTICAL



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



- BASES

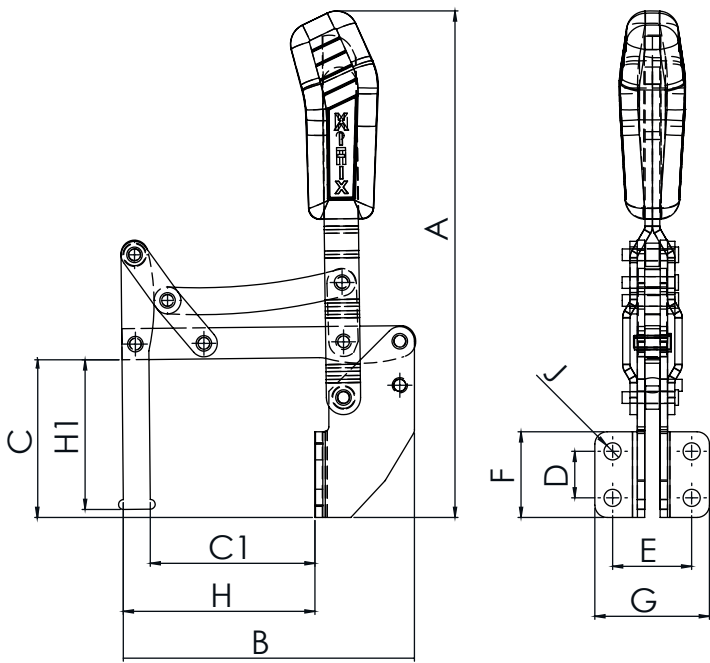
D - Flanged Base
- BAR

A - Articulated
S - Solid Bar
- BASES

D - Base à plat
- BRAS

A - Articulé
S - Barre pleine

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)



- BASES

D - Flanged Base
- BAR

A - Articulated
S - Solid Bar
- BASES

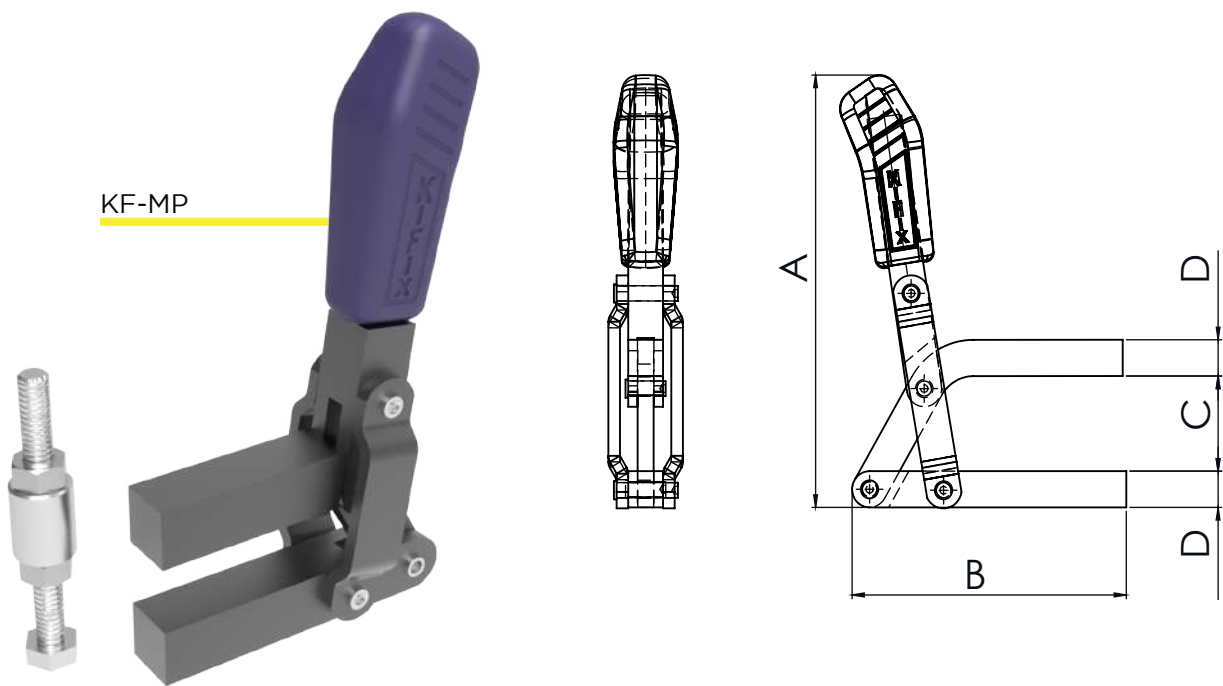
D - Base à plat
- BRAS

A - Articulé
S - Barre pleine

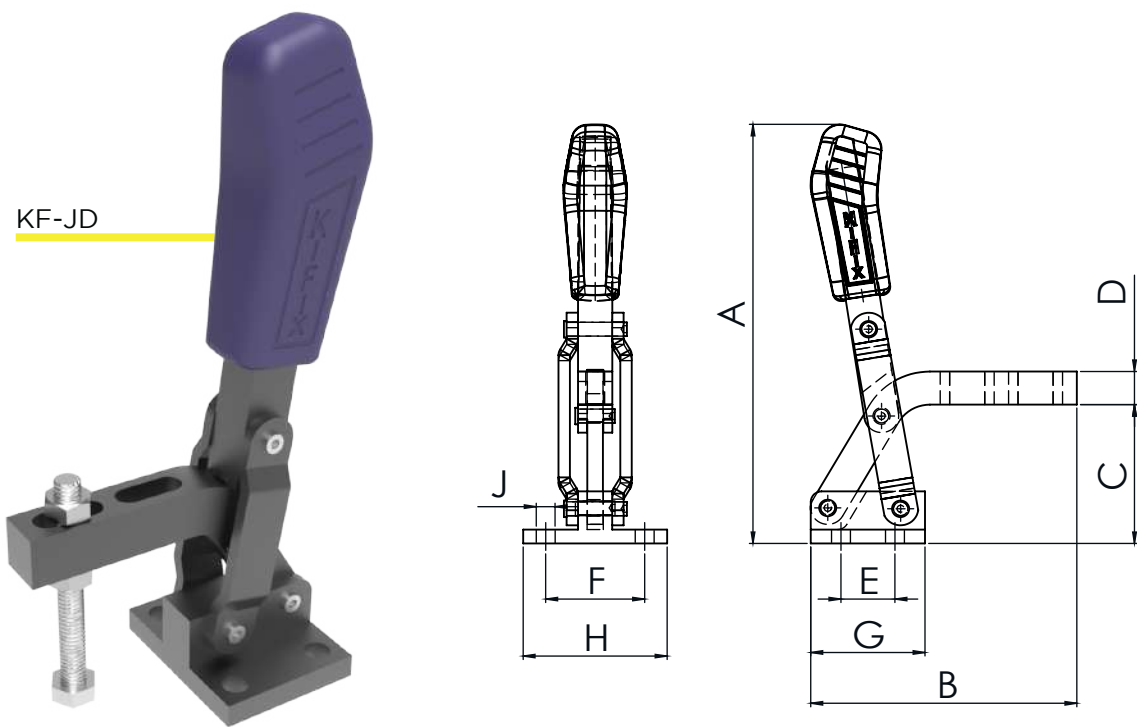
REFERENCE	RETENTION FORCE KGf (LBF)	A (IN)	B (IN)	C (IN)	C1 (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	H1 (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)												Broche	Angle d'ouverture	Poids
KF-211 DS A	160 (352)	207 (8,15)	120 (4,72)	65 (2,56)	67,5 (2,66)	19 (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



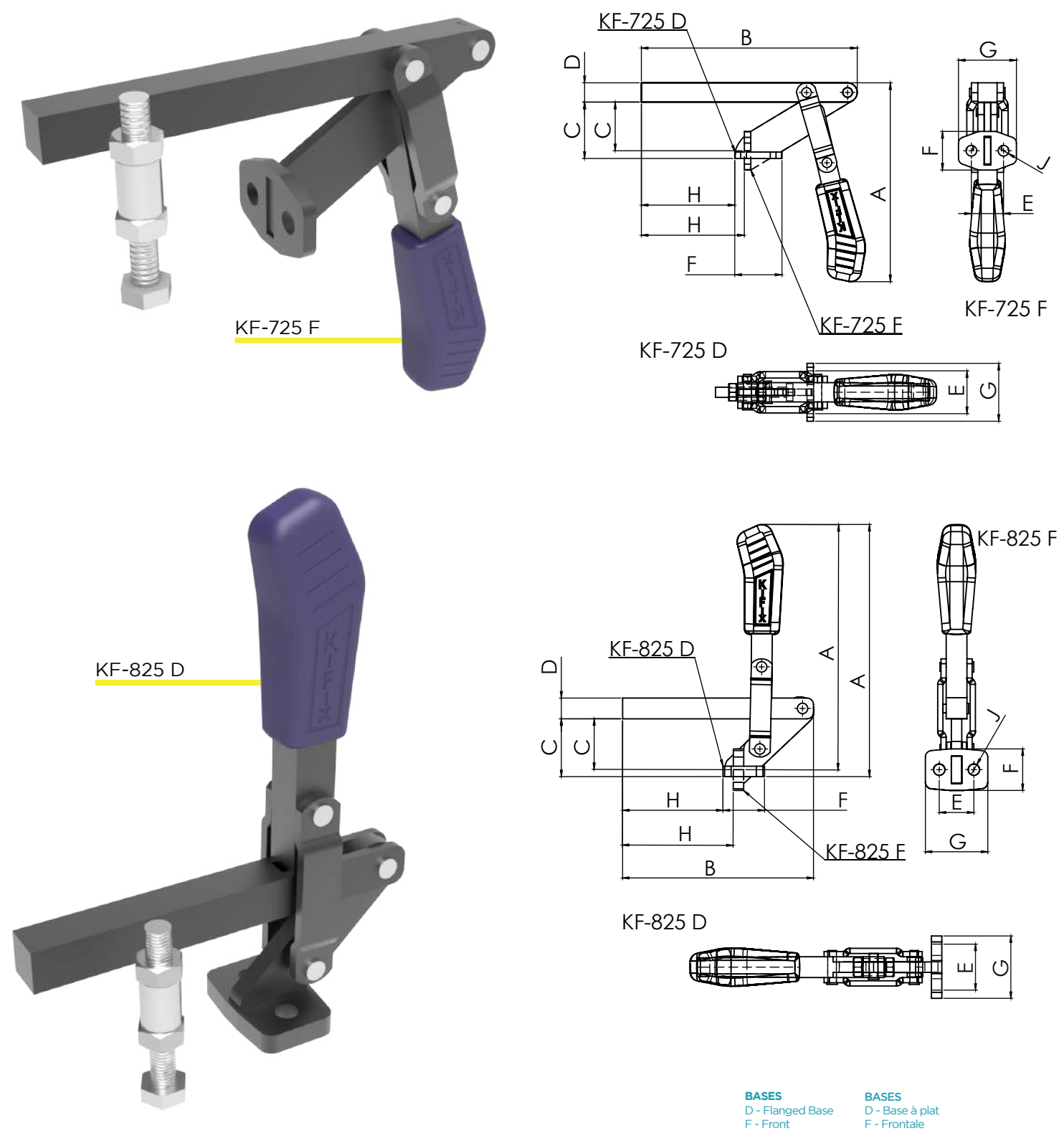
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)					Broche	Angle d'ouverture	Poids
KF-01 MP	160 (352)	125 (4,92)	70 (2,76)	15 (0,59)	12,7 (0,50)	M6	120	0,320 (0,704)
KF-02 MP	300 (660)	171 (6,73)	92 (3,62)	20 (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

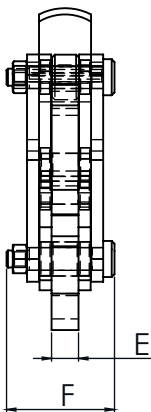
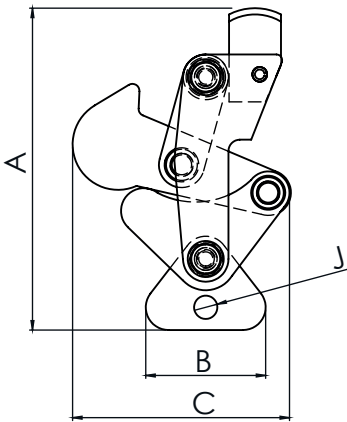


REFERENCE	RETENTION FORCE KGf (LBf)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-725 D	450 (990)	196 (7,72)	213 (8,39)	55,6 (2,19)	19 (0,75)	32 (1,26)	38,1 (1,50)	57,2 (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)

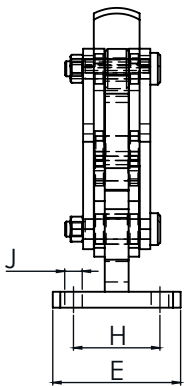
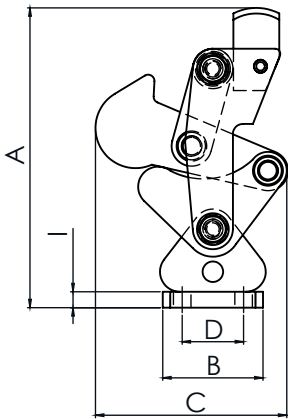
VERTICAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE VERTICAL

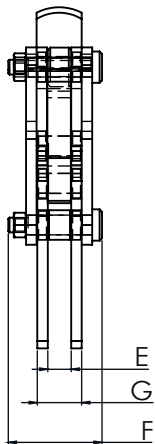
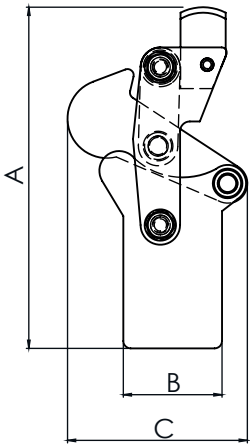
KFU A
Triangular Base
Base triangulaire



KFU D
T Base
Base T



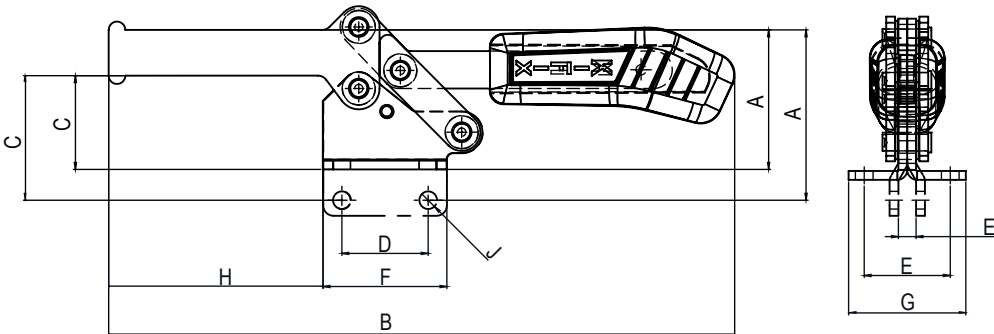
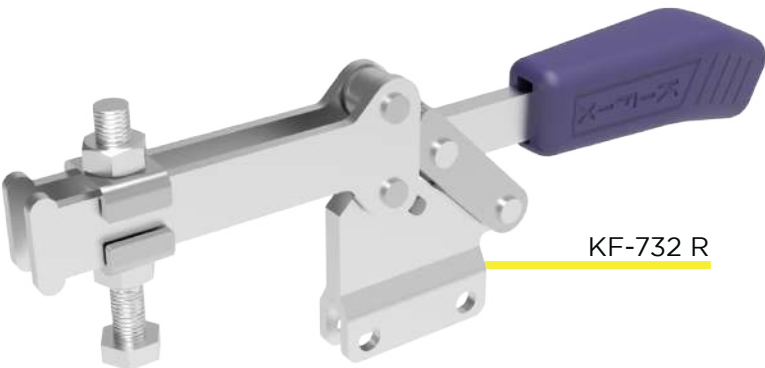
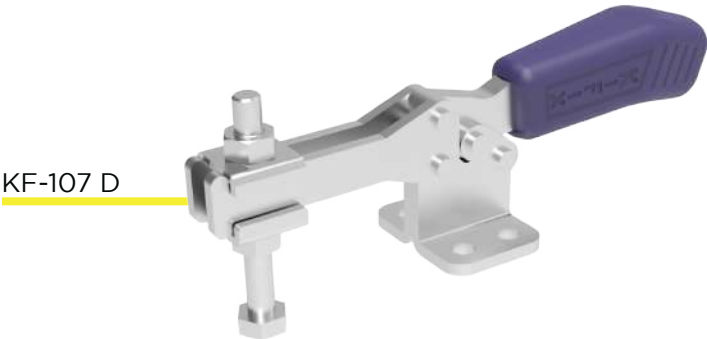
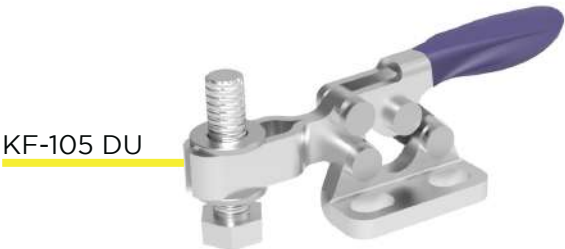
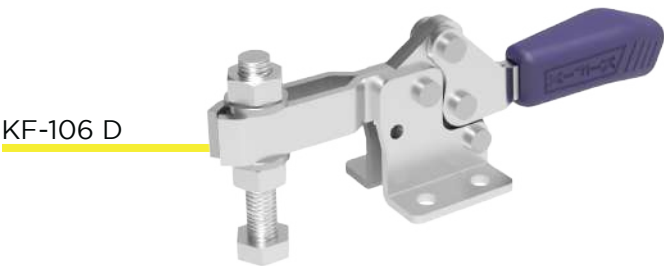
KFU R
Double Straight Base
Double base verticale



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)	4,5 (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)	72,5 (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)	72,5 (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)	72,5 (2,85)	35 (1,38)	-	-	-	M12	200	6,270 (13,794)

HORIZONTAL HOLD-DOWN TOGGLE CLAMP

SAUTERELLES À SERRAGE
HORIZONTAL

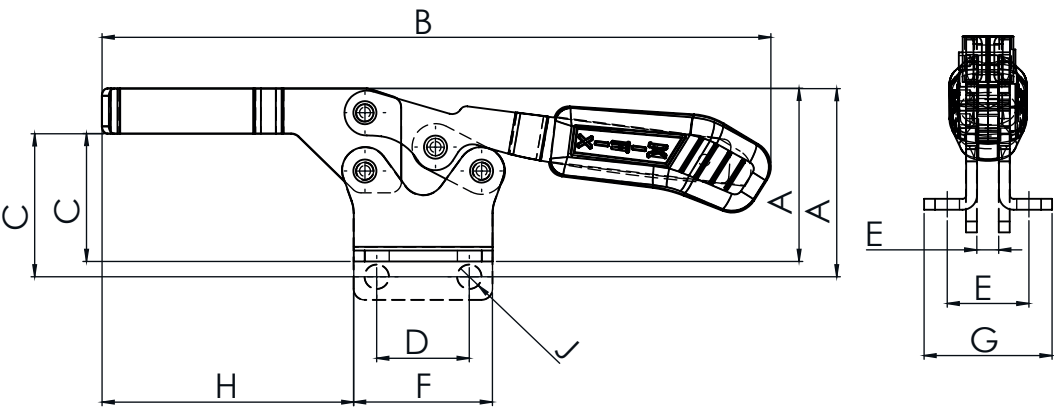
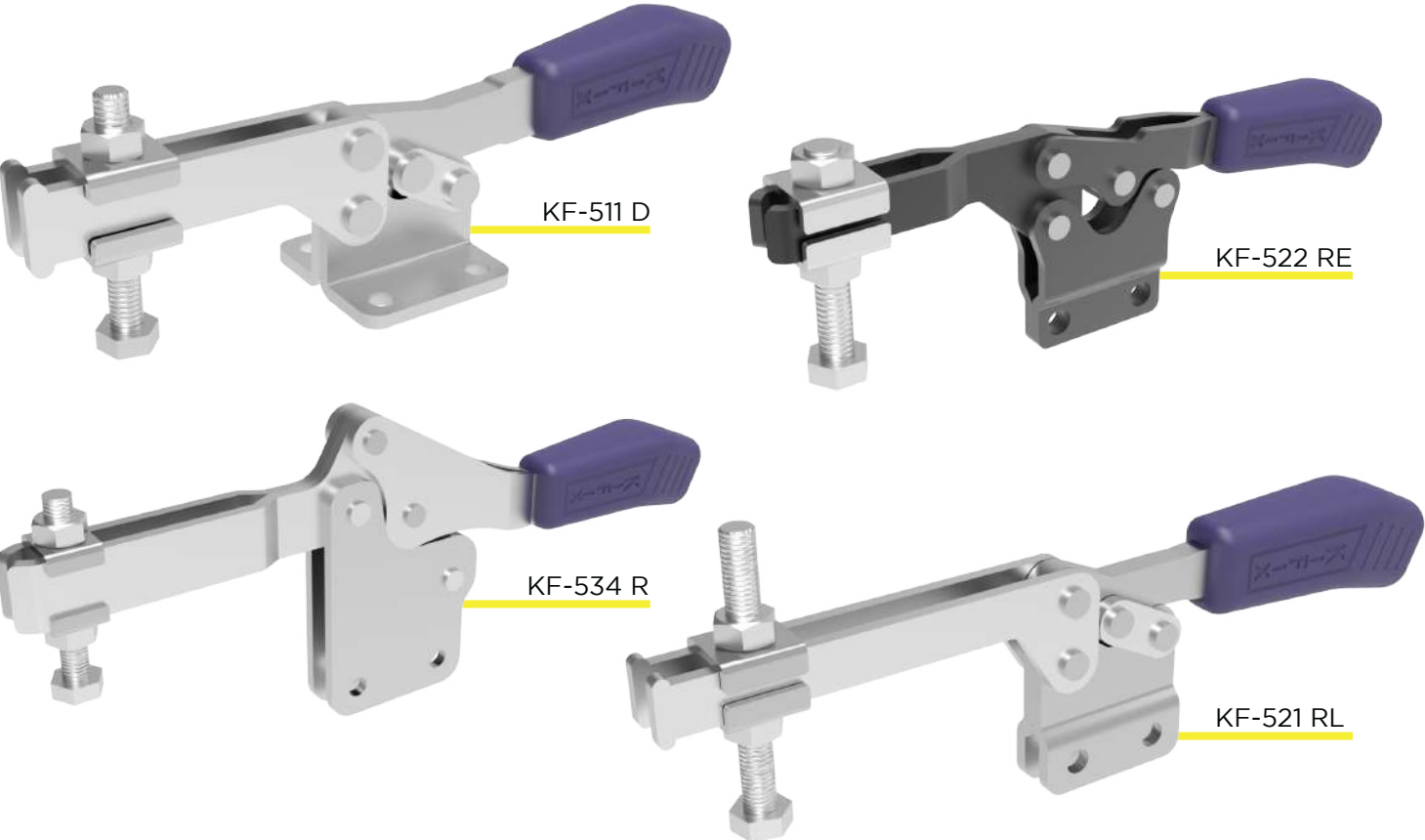


- BASES**
D - Flanged Base
R - Straight Base
DU - Flanged Only Base
- BASES**
D - Base à plat
R - Base droite
DU - Base à plat uniquement

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



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

BASES
D - Base à plat
R - Base droite
E - Base frontale
- BAR**
L - Long U-Bar

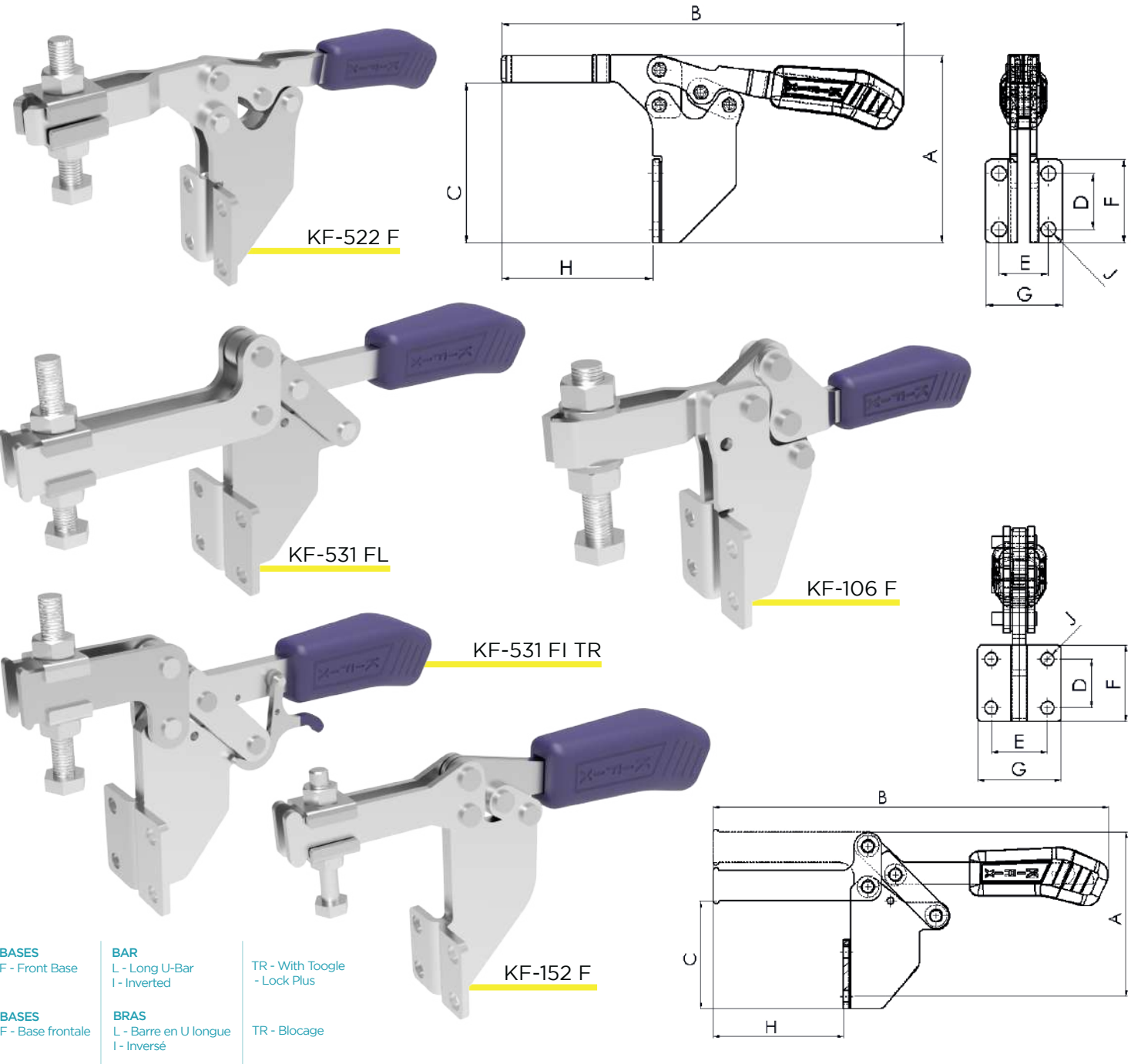
BRAS
L - Long
- TR - with
Toggle-
Lock Plus

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-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)	57.2 (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

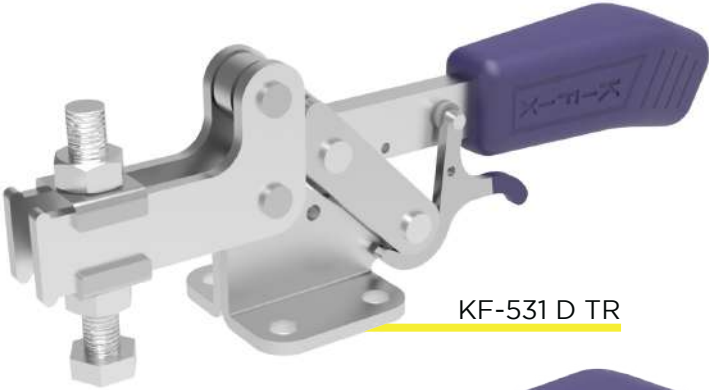
SAUTERELLES À SERRAGE
HORIZONTAL



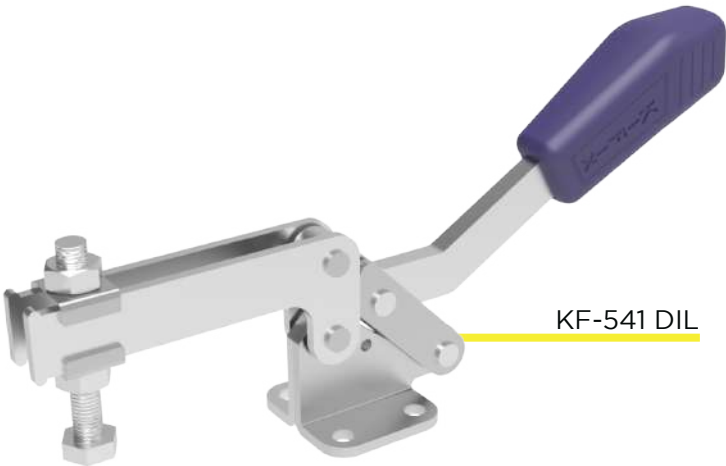
REFERENCE	RETENTION FORCE KGf (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-106 F	70 (154)	56 (2,20)	112 (4,41)	40 (1,57)	13,5 (0,53)	18,3 (0,72)	25,5 (1,00)	28 (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

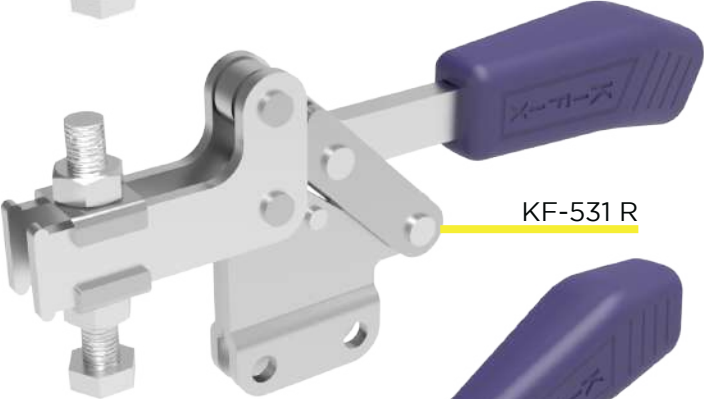
SAUTERELLES À SERRAGE
HORIZONTAL



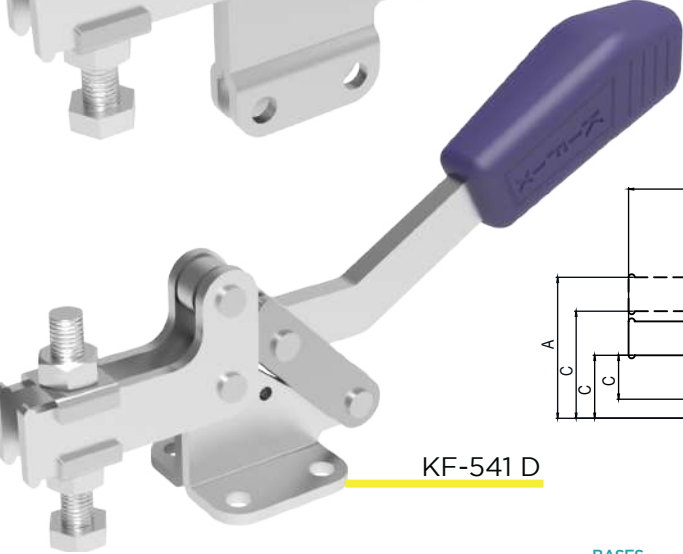
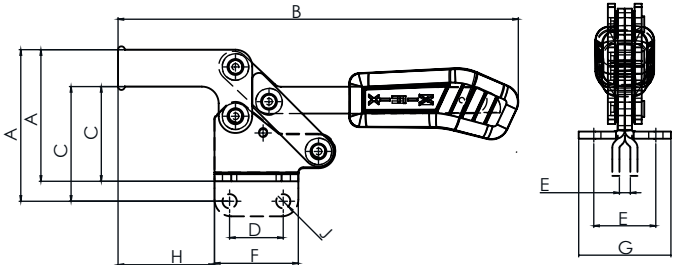
KF-531 D TR



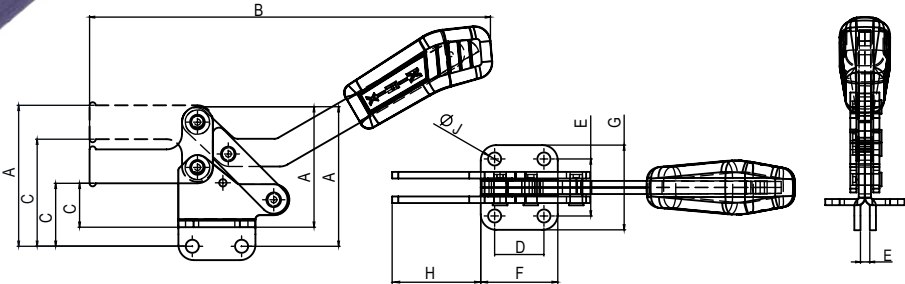
KF-541 DIL



KF-531 R



KF-541 D



- BASES

D - Flanged Base
R - Straight Base
- BAR

L - Long U-Bar
- TR - With Toggle
- Lock Plus
- BASES

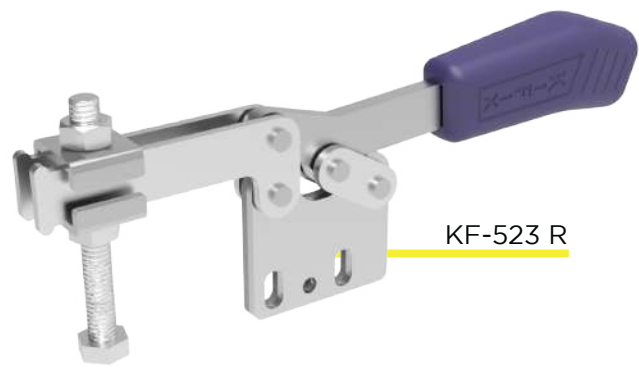
D - Base à plat
R - Base verticale
- BRAS

L - Barre en U longue
- TR - Blocage

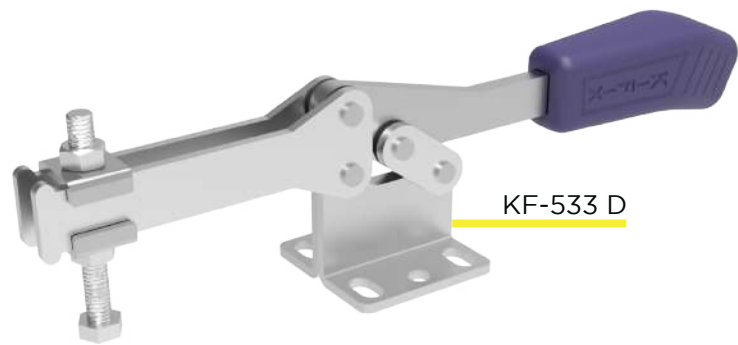
REFERENCE	RETENTION FORCE KGf (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-531 D	400 (880)	78 (3,07)	239 (9,41)	28 (1,10)	32 (1,26)	37 (1,46)	50 (1,97)	55 (2,17)	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

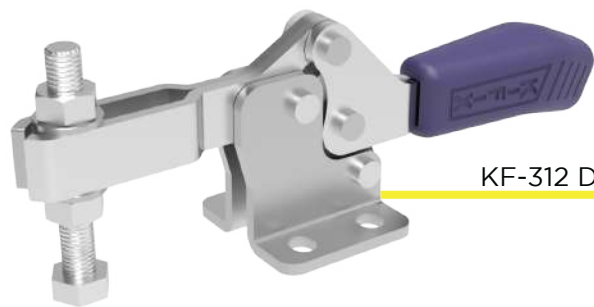
SAUTERELLES À SERRAGE
HORIZONTAL



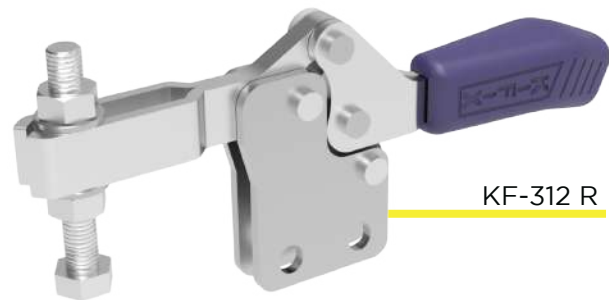
KF-523 R



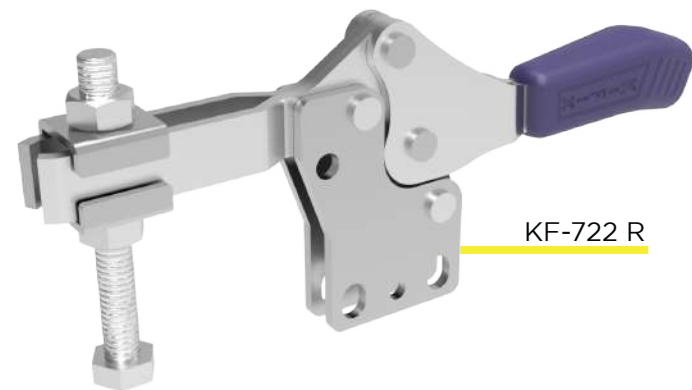
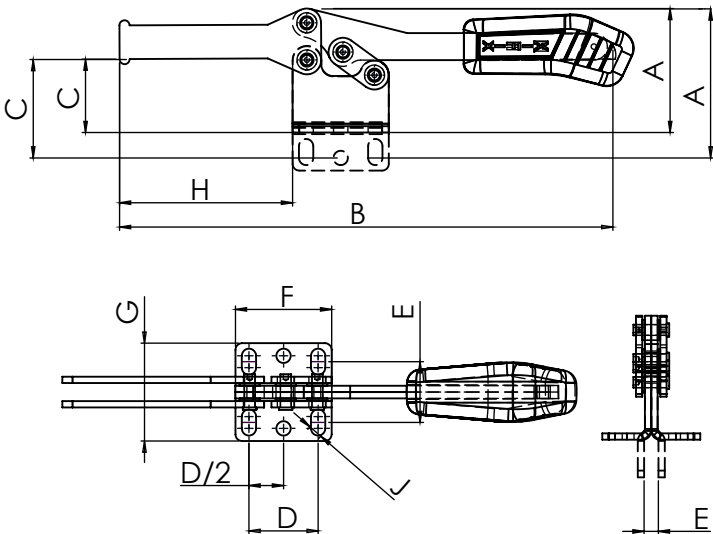
KF-533 D



KF-312 D



KF-312 R



KF-722 R

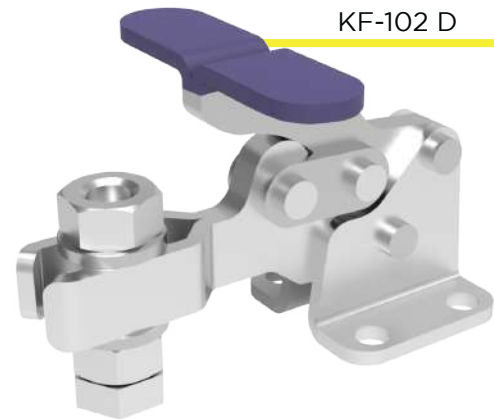
BASES
D - Flanged Base
R - Straight Base

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

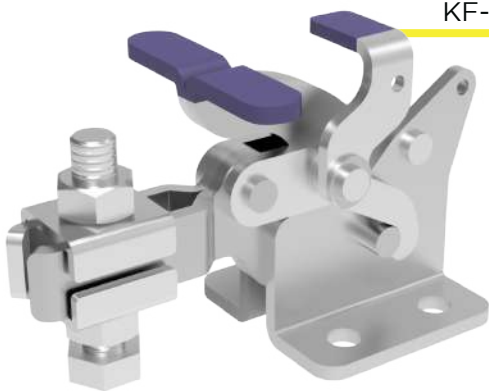
SAUTERELLES À SERRAGE
HORIZONTAL



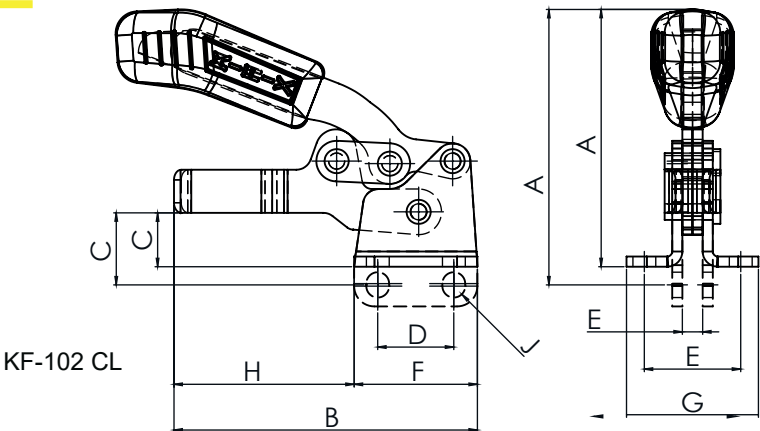
KF-102 D



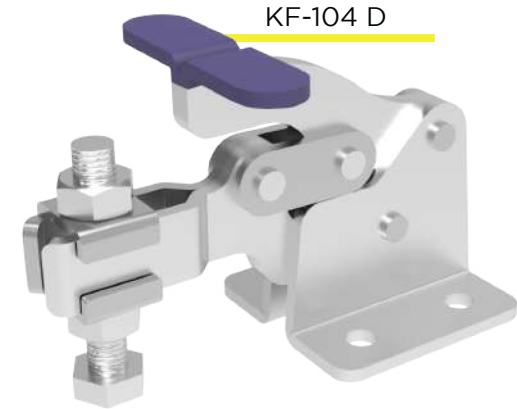
KF-102 R CL



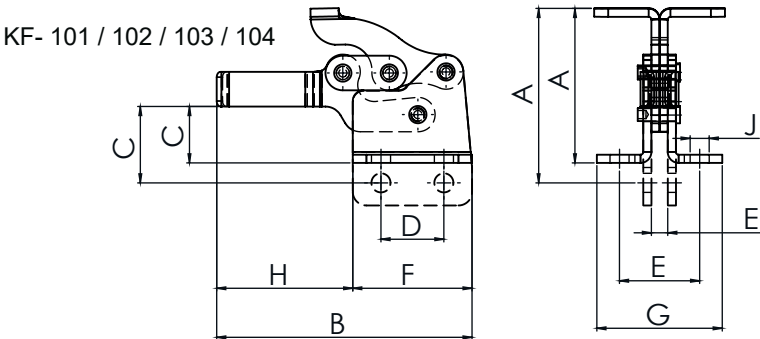
KF-103 D TR



KF-102 CL



KF-104 D



KF- 101 / 102 / 103 / 104

BASES
D - Flanged Base
R - Straight Base

HASTES
CL - Long Handle

TR - With Toggle -
Lock Plus

BASES
D - Base à plat
R - Base verticale

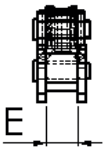
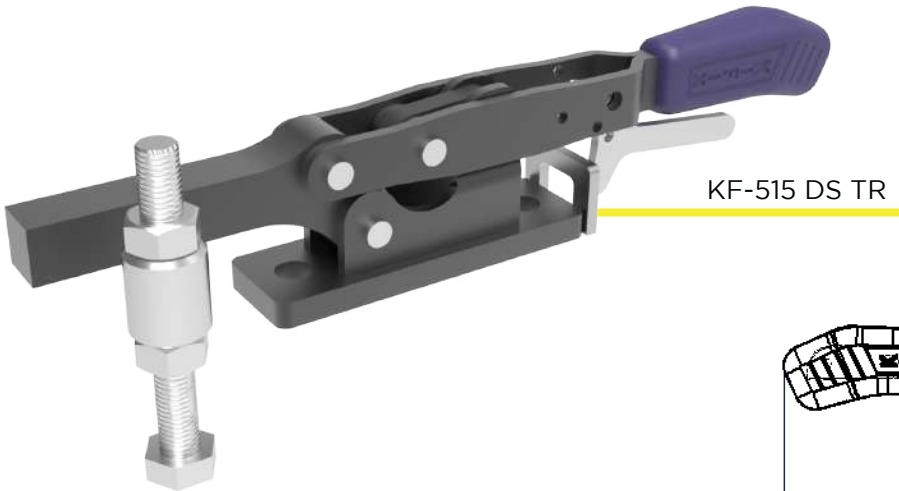
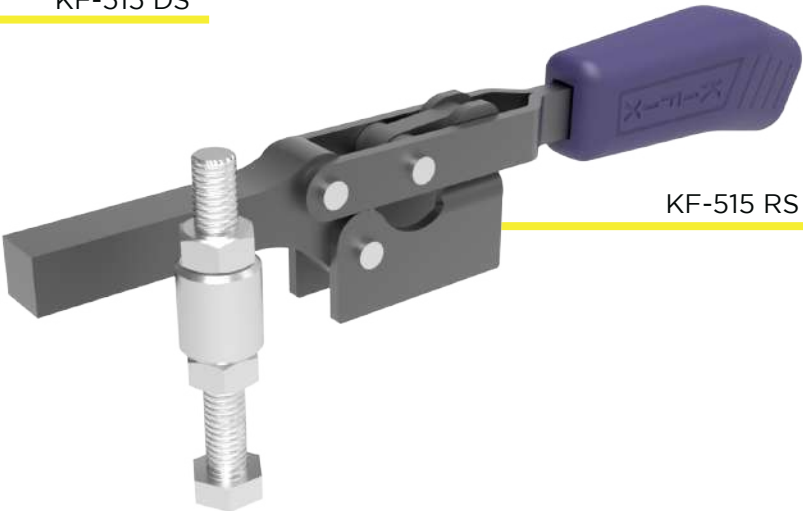
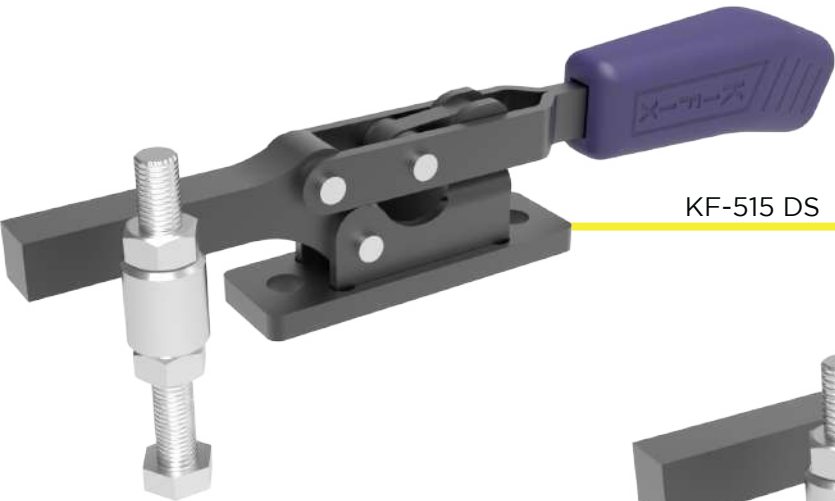
BRAS
CL - Long
manche

TR - Blocage

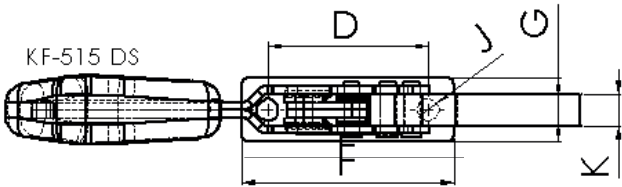
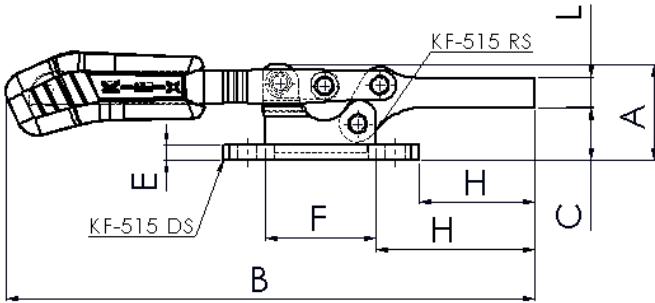
REFERENCE	RETENTION FORCE KGf (Lbf)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)										Broche	Angle d'ouverture	Poids
KF-102 D	50 (110)	38 (1,50)	60 (2,36)	11 (0,43)	15 (0,59)	19 (0,75)	24 (0,94)	26 (1,02)	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



KF-515 RS



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

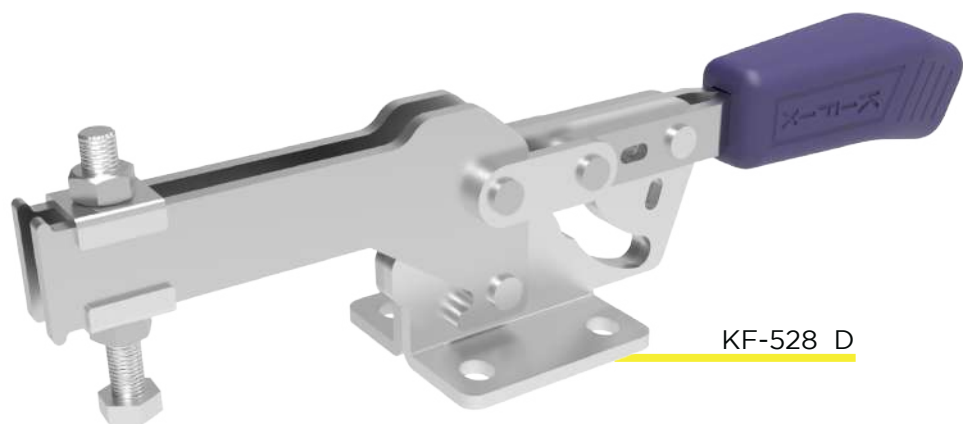
BASES
D - Base à plat
R - Base verticale
- BAR**
S - Solid

BRAS
S - Barre pleine

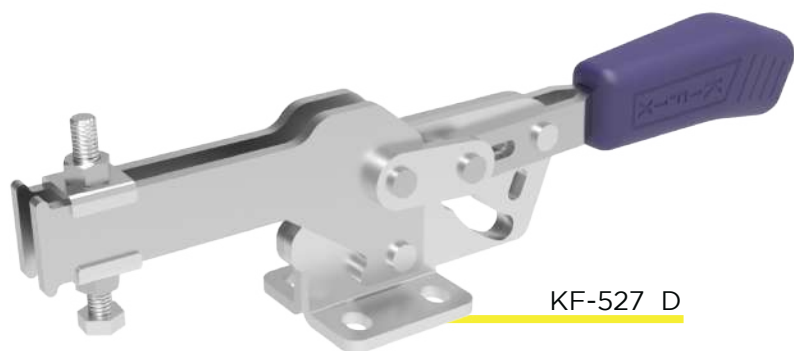
REFERENCE	RETENTION FORCE KGf (Lbf)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	K (IN)	L (IN)	SPINDLE	OPENING ANGLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)												Broche	Angle d'ouverture	Poids
KF-515 DS	360 (792)	40.8 (1.61)	228 (8.98)	22.3 (0.88)	63.5 (2.50)	6.35 (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)	22.3 (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)	22.3 (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

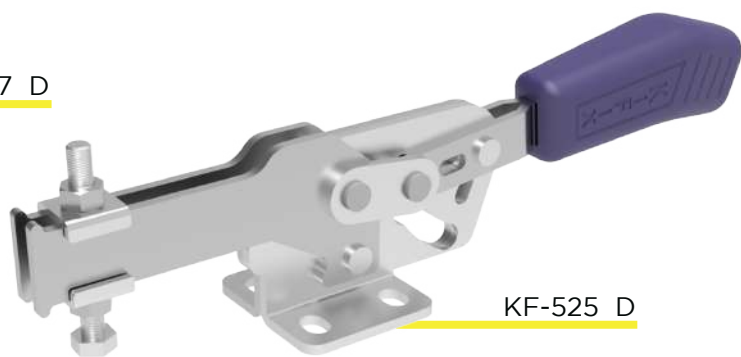
SAUTERELLES HORIZONTALE RENFORCÉE



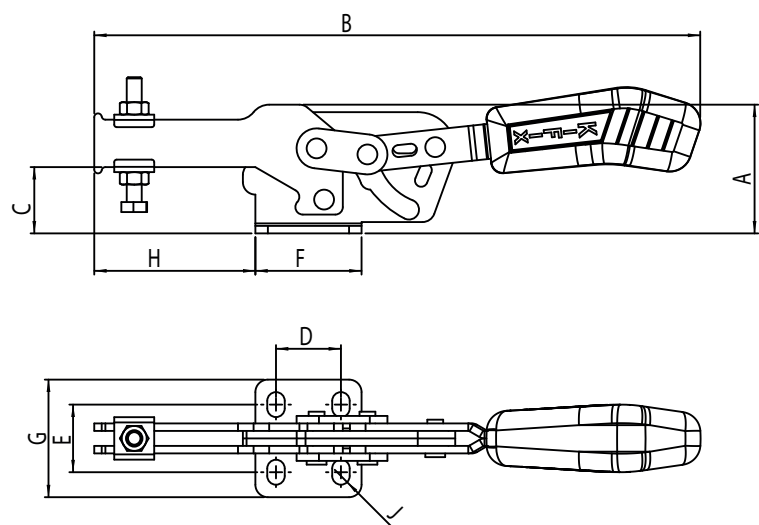
KF-528 D



KF-527 D



KF-525 D



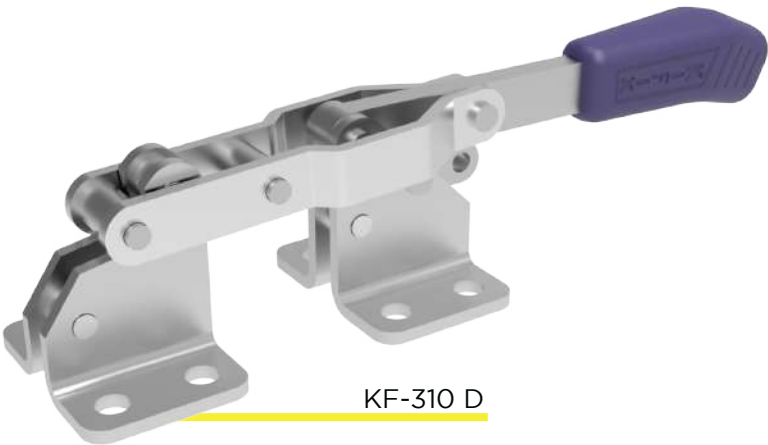
BASES
D - Flanged Base

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 Kg _f (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

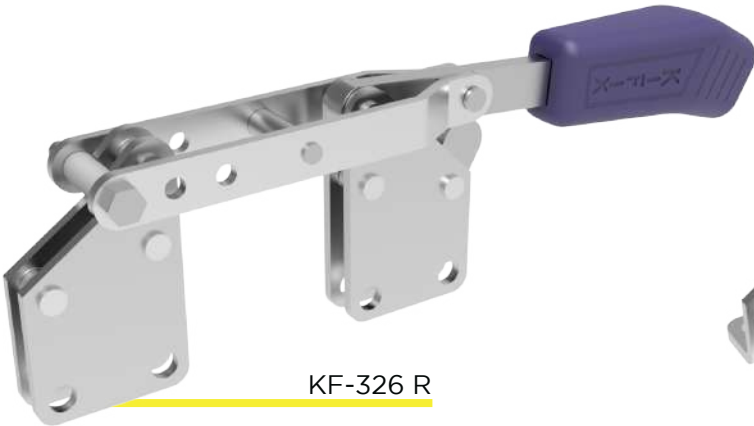
SAUTERELLE À CROCHET



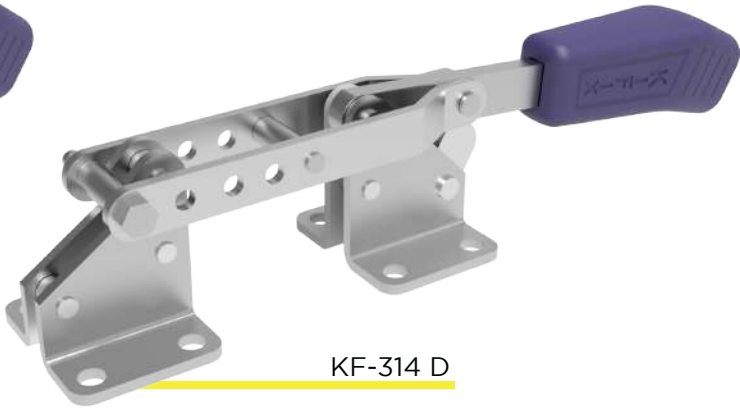
KF-310 D



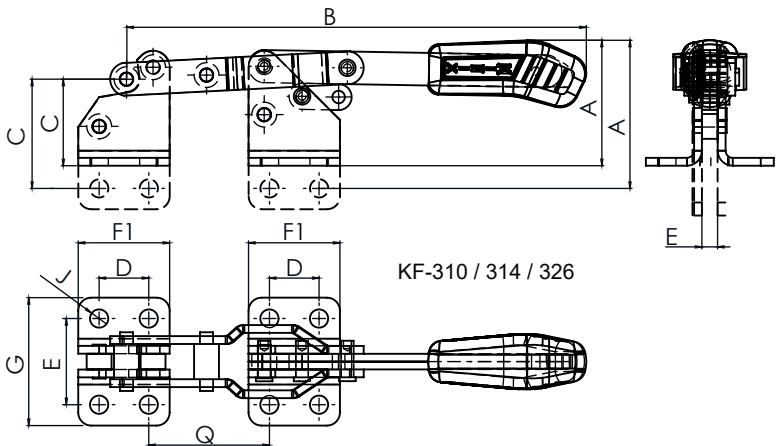
KF-320



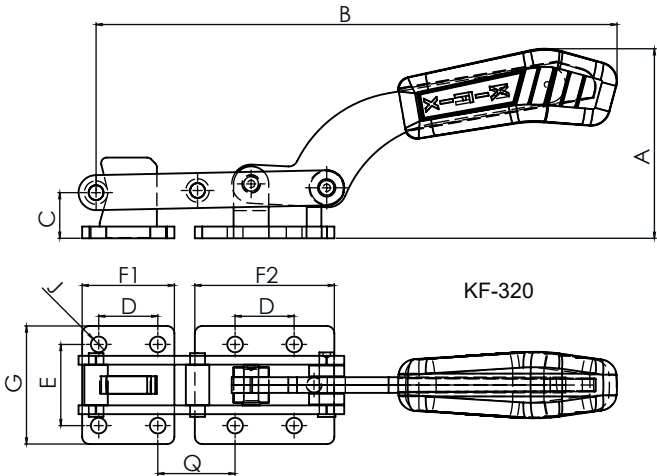
KF-326 R



KF-314 D



KF-310 / 314 / 326



KF-320

BASES
D - Flanged Base
R - Straight Base

BASES
D - Base à plat
R - Base verticale

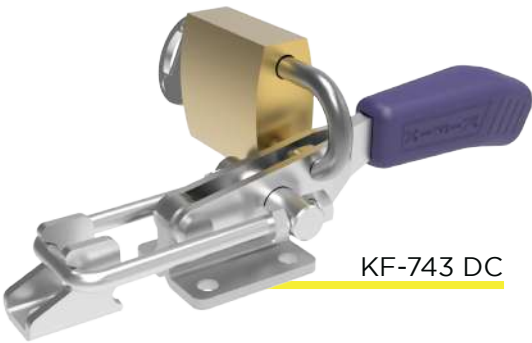
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F1 (IN)	F2 (IN)	G (IN)	J (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)											Gouge à crochet	Poids
KF-310 D	170 (374)	48 (1,89)	176 (6,93)	33 (1,30)	19 (0,75)	33 (1,30)	35 (1,38)	-	49 (1,93)	7,0 (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

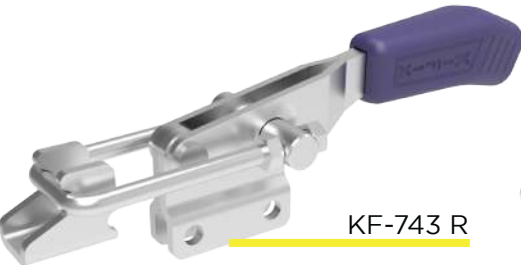
SAUTERELLES À CROCHET



KF-133 D TR



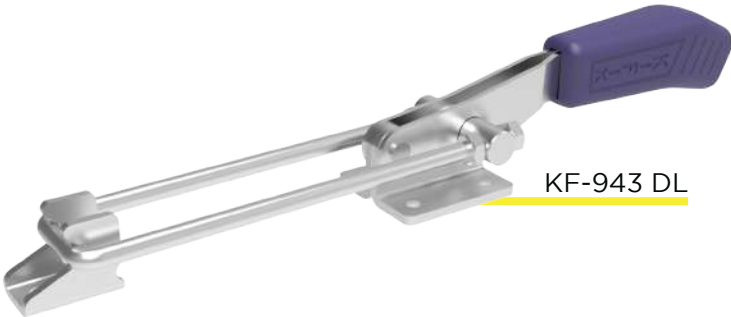
KF-743 DC



KF-743 R

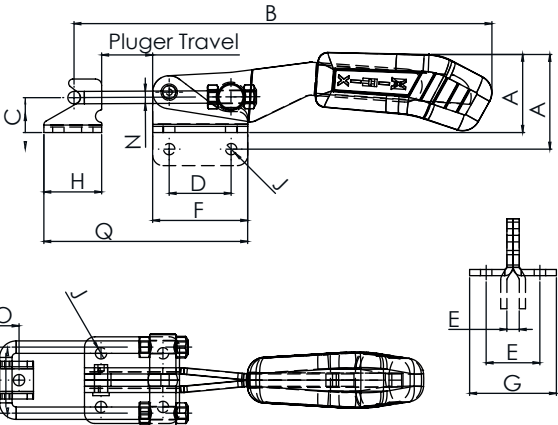


KF-943 DV



KF-943 DL

PADLOCK WILL NOT COME WITH THE CLAMP
LE CADENAS N'EST PAS FOURNI AVEC LA PINCE



BASES
D - Flanged Base
R - Straight Base

BAR
H - Bar
L - Long U-Bar

CABO
V - Vertical

TR - With Toogle - Lock Plus
C - Option of padlock

BASES
D - Base à plat
R - Base
verticale

BRAS
H - Barre en H
L - Barre en U longue

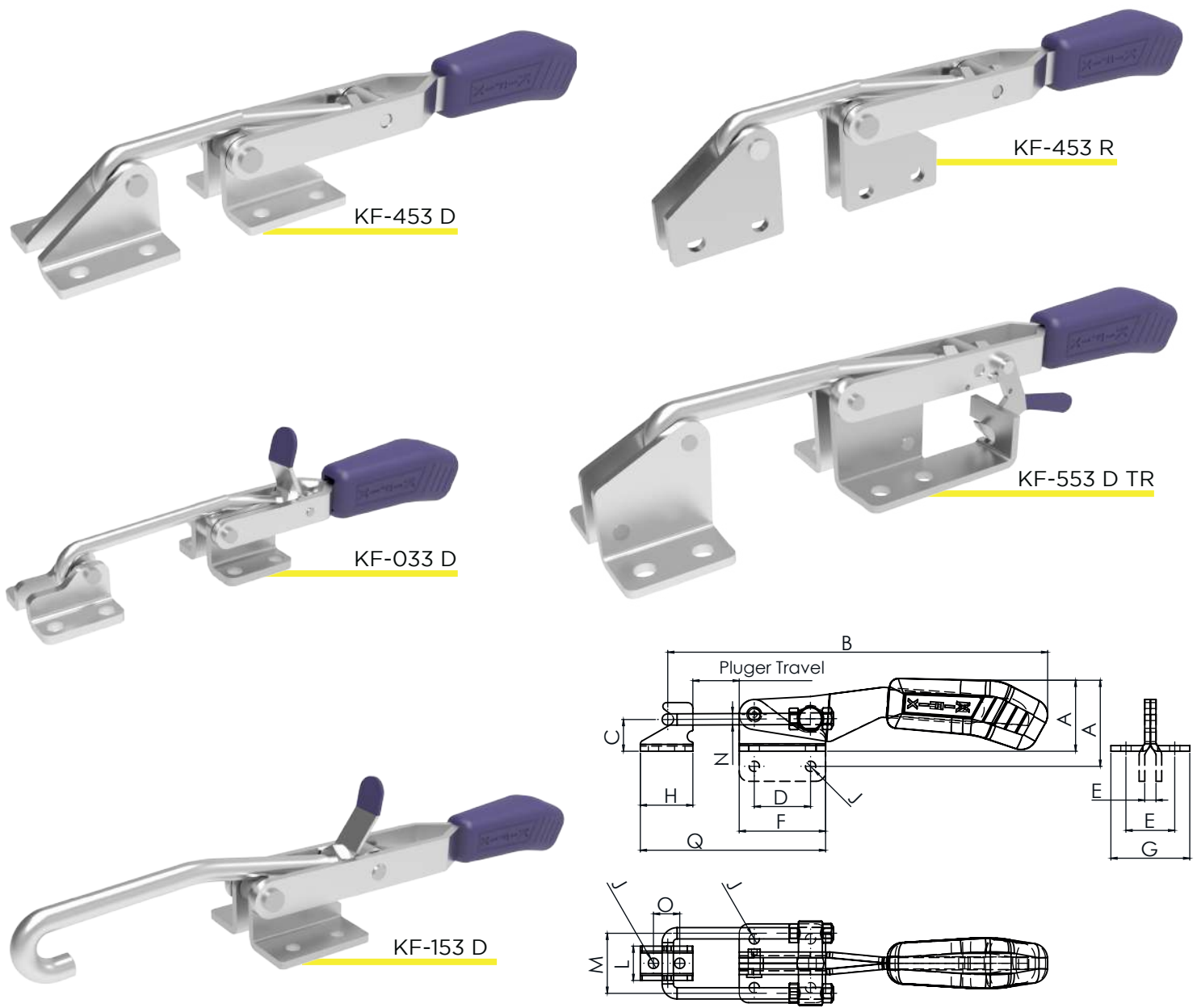
CÂBLE
V - Vertical

TR - Blocage
C - Option de cadenas

REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B MIN (IN)	B MAX (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	L (IN)	M (IN)	N (IN)	O (IN)	Q MIN (IN)	Q MAX (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kaf (lbf)	Course du plongeur																	Gouge à crochet	Poids
KF-233 D	160 (352)	32 (126)	31 (122)	112 (441)	126 (496)	10 (0.39)	16 (0.63)	19 (0.75)	26 (1.02)	28 (1.10)	20 (0.79)	4.3 (0.17)	13 (0.51)	19 (0.75)	4 (0.16)	10 (0.39)	46 (1.81)	60 (2.36)	M4	0.120 (0.264)
KF-233 R	160 (352)	32 (126)	40 (157)	112 (441)	126 (496)	10 (0.39)	16 (0.63)	4 (0.16)	26 (1.02)	-	20 (0.79)	4.3 (0.17)	13 (0.51)	19 (0.75)	4 (0.16)	10 (0.39)	46 (1.81)	60 (2.36)	M4	0.140 (0.308)
KF-233 DTR	160 (352)	48 (1.89)	37 (1.46)	122 (4.80)	136 (5.35)	10 (0.39)	16 (0.63)	19 (0.75)	26 (1.02)	28 (1.10)	20 (0.79)	4.3 (0.17)	13 (0.51)	19 (0.75)	4 (0.16)	10 (0.39)	46 (1.81)	60 (2.36)	M4	0.140 (0.308)
KF-643 D	200 (440)	48 (1.89)	56 (2.20)	139 (5.47)	155 (6.10)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	75 (2.95)	M5	0.230 (0.506)
KF-643 DV	200 (440)	48 (1.89)	121 (4.76)	73 (2.87)	89 (3.50)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	75 (2.95)	M5	0.215 (0.473)
KF-643 DL	200 (440)	48 (1.89)	56 (2.20)	139 (5.47)	210 (8.27)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	130 (5.12)	M5	0.240 (0.528)
KF-643 R	200 (440)	48 (1.89)	62 (2.44)	139 (5.47)	155 (6.10)	14 (0.55)	24 (0.94)	6 (0.24)	36 (1.42)	-	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	75 (2.95)	M5	0.230 (0.506)
KF-643 RL	200 (440)	48 (1.89)	62 (2.44)	139 (5.47)	210 (8.27)	14 (0.55)	24 (0.94)	6 (0.24)	36 (1.42)	-	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	130 (5.12)	M5	0.240 (0.528)
KF-643 DTR	200 (440)	48 (1.89)	59 (2.32)	139 (5.47)	155 (6.10)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	74 (2.91)	90 (3.54)	M5	0.290 (0.638)
KF-743 D	200 (440)	48 (1.89)	37 (1.46)	137 (5.39)	153 (6.02)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	75 (2.95)	M5	0.210 (0.462)
KF-743 DL	200 (440)	48 (1.89)	37 (1.46)	137 (5.39)	208 (8.19)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	130 (5.12)	M5	0.220 (0.484)
KF-743 DC	200 (440)	48 (1.89)	37 (1.46)	137 (5.39)	153 (6.02)	14 (0.55)	24 (0.94)	22 (0.87)	36 (1.42)	33 (1.30)	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	75 (2.95)	M5	0.200 (0.440)
KF-743 R	200 (440)	48 (1.89)	42 (1.65)	137 (5.39)	153 (6.02)	14 (0.55)	24 (0.94)	6 (0.24)	36 (1.42)	-	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	75 (2.95)	M5	0.210 (0.462)
KF-743 RL	200 (440)	48 (1.89)	42 (1.65)	137 (5.39)	208 (8.19)	14 (0.55)	24 (0.94)	6 (0.24)	36 (1.42)	-	23 (0.91)	5.5 (0.22)	16 (0.63)	25 (0.98)	5 (0.20)	11 (0.43)	59 (2.32)	130 (5.12)	M5	0.220 (0.484)
KF-133 D	300 (660)	60 (2.36)	54 (2.13)	196 (7.72)	223 (8.78)	13 (0.51)	19 (0.75)	32 (1.26)	40 (1.57)	44 (1.73)	28 (1.10)	7.0 (0.28)	22.5 (0.89)	31 (1.22)	6 (0.24)	14 (0.55)	68 (2.68)	95 (3.74)	M6	0.440 (0.968)
KF-133 DTR	300 (660)	60 (2.36)	57 (2.24)	196 (7.72)	223 (8.78)	13 (0.51)	19 (0.75)	32 (1.26)	40 (1.57)	44 (1.73)	28 (1.10)	7.0 (0.28)	22.5 (0.89)	31 (1.22)	6 (0.24)	14 (0.55)	68 (2.68)	95 (3.74)	M6	0.530 (1.166)
KF-843 D	340 (748)	60 (2.36)	38 (1.50)	177 (6.97)	202 (7.95)	17 (0.67)	30 (1.18)	26 (1.02)	46 (1.81)	42 (1.65)	28 (1.10)	5.5 (0.22)	19 (0.75)	32 (1.26)	6 (0.24)	14 (0.55)	74 (2.91)	99 (3.90)	M6	0.360 (0.792)
KF-843 DL	340 (748)	126 (4.96)	37 (1.45)	177 (6.97)	290 (11.41)	17 (0.67)	30 (1.18)	26 (1.02)	46 (1.81)	42 (1.65)	28 (1.10)	5.5 (0.22)	18 (0.70)	31 (1.22)	6 (0.24)	30 (1.18)	74 (2.91)	99 (3.90)	M6	0.400 (0.881)
KF-843 DC	340 (748)	60 (2.36)	38 (1.50)	177 (6.97)	202 (7.95)	17 (0.67)	30 (1.18)	26 (1.02)	46 (1.81)	42 (1.65)	28 (1.10)	5.5 (0.22)	19 (0.75)	32 (1.26)	6 (0.24)	14 (0.55)	74 (2.91)	99 (3.90)	M6	0.400 (0.880)
KF-843 R	340 (748)	60 (2.36)	55 (2.17)	177 (6.97)	202 (7.95)	17 (0.67)	30 (1.18)	6 (0.24)	46 (1.81)	-	28 (1.10)	5.5 (0.22)	19 (0.75)	32 (1.26)	6 (0.24)	14 (0.55)	74 (2.91)	99 (3.90)	M6	0.360 (0.792)
KF-843 DTR	340 (748)	60 (2.36)	40 (1.57)	169 (6.65)	194 (7.64)	17 (0.67)	30 (1.18)	26 (1.02)	46 (1.81)	42 (1.65)	28 (1.10)	5.5 (0.22)	19 (0.75)	32 (1.26)	6 (0.24)	14 (0.55)	74 (2.91)	99 (3.90)	M6	0.420 (0.924)
KF-943 D	680 (1496)	80 (3.15)	60 (2.36)	241 (9.49)	286 (11.26)	21 (0.83)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.75)	98 (3.86)	143 (5.63)	M8	0.790 (1.738)
KF-943 DC	680 (1496)	80 (3.15)	60 (2.36)	241 (9.49)	286 (11.26)	21 (0.83)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.75)	98 (3.86)	143 (5.63)	M8	0.810 (1.782)
KF-943 DL	680 (1496)	80 (3.15)	60 (2.36)	241 (9.49)	361 (14.21)	21 (0.83)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.75)	98 (3.86)	218 (8.58)	M8	0.850 (1.870)
KF-943 R	680 (1496)	80 (3.15)	72 (2.83)	241 (9.49)	286 (11.26)	21 (0.83)	40 (1.57)	8 (0.31)	60 (2.36)	-	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.75)	98 (3.86)	143 (5.63)	M8	0.790 (1.738)
KF-943 RL	680 (1496)	80 (3.15)	72 (2.83)	241 (9.49)	361 (14.21)	21 (0.83)	40 (1.57)	8 (0.31)	60 (2.36)	-	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.75)	98 (3.86)	218 (8.58)	M8	0.850 (1.870)
KF-943 DTR	680 (1496)	80 (3.15)	60 (2.36)	241 (9.49)	286 (11.26)	21 (0.83)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.75)	98 (3.86)	143 (5.63)	M8	0.830 (1.826)
KF-743 D	890 (1958)	80 (3.15)	73.4 (2.89)	207.4 (8.17)	225.4 (8.87)	21.3 (0.84)	41.3 (1.63)	38.1 (1.50)	60.5 (2.38)	53.8 (2.12)	38 (1.50)	8.5 (0.33)	25.5 (1.00)	40 (1.57)	8 (0.31)	19 (0.75)	98.6 (3.88)	116.6 (4.59)	M8	0.720 (1.584)
KF-143 DTR	890 (1958)	80 (3.15)	73.4 (2.89)	207.4 (8.17)	225.4 (8.87)	21.3 (0.84)	41.3 (1.63)	38.1 (1.50)	60.5 (2.38)	53.8 (2.12)	38 (1.50)	8.5 (0.33)	25.5 (1.00)	40 (1.57)	8 (0.31)	19 (0.75)	98.6 (3.88)	116.6 (4.59)	M8	0.770 (1.694)
KF-943 SUV	1200 (2645)	80 (3.15)	183 (7.20)	98 (3.85)	148 (5.82)	21 (0.82)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	38 (1.50)	7.0 (0.28)	26 (1.02)	40 (1.57)	8 (0.31)	19 (0.74)	93 (3.66)	143 (5.62)	M8	0.780 (1.71)
KF-943 SU H150	1400 (3086)	80 (3.15)	60 (2.36)	254 (10)	299 (11.77)	16 (0.59)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	60 (2.36)	7.0 (0.28)	26 (1.02)	44 (1.73)	10 (0.39)	36 (1.41)	13 (0.51)	58 (2.28)	M10	1.370 (3.020)
KF-943 SU H220	1400 (3086)	80 (3.15)	60 (2.36)	304 (11.96)	369 (14.52)	15 (0.59)	40 (1.57)	36 (1.42)	60 (2.36)	56 (2.20)	38 (1.50)	7.0 (0.28)	9.5 (0.37)	44 (1.73)	10 (0.39)	-	161 (6.33)	226 (8.89)	M10	1.280 (2.821)

PULL ACTION LATCH CLAMP

SAUTERELLES À CROCHET



- BASES

D - Flanged Base
R - Straight Base
- BAR

L - Long U-Bar
- TR - With Toogle
- Lock Plus
- BASES

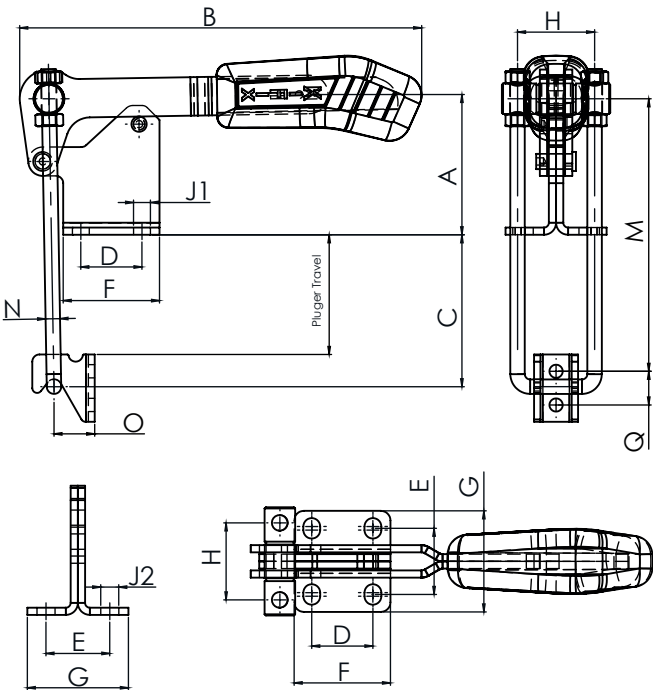
D - Base à plat
R - Base verticale
- BRAS

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 (0,71)	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 (0,71)	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)	44,2 (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)

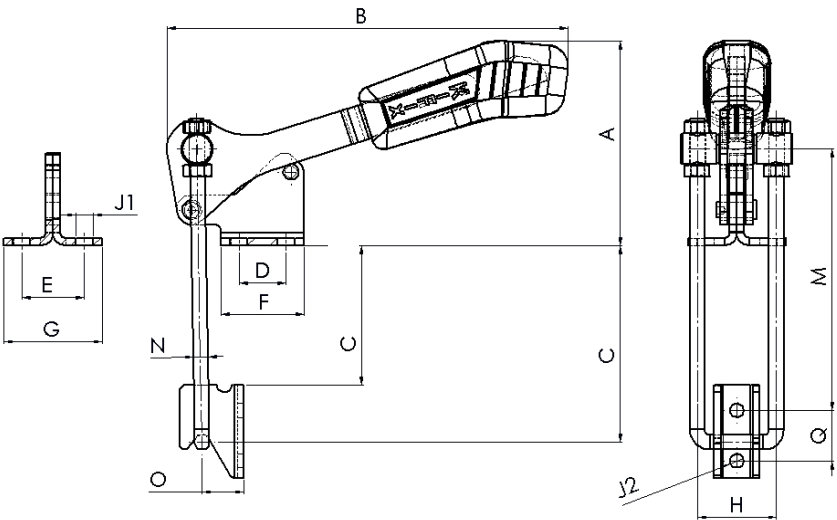
PULL ACTION LATCH CLAMP

SAUTERELLES À CROCHET



TR - With Toogle
- Lock Plus
TR - Blocage

REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C MAX (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J1 (IN)	J2 (IN)	M MIN (IN)	M MAX (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 (157)	41 (161)	129 (5,08)	72 (283)	24 (0,94)	26 (1,02)	35 (138)	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 (157)	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 (197)	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 (315)	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 (315)	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)



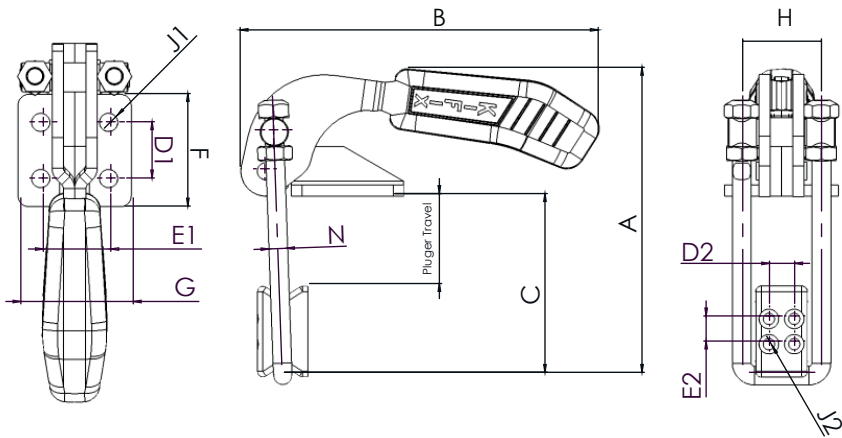
REFERENCE	RETENTION FORCE KGF (LBF)	PLUNGER TRAVEL (IN)	A (IN)	B (IN)	C MAX (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J1 (IN)	J2 (IN)	M MIN (IN)	M MAX (IN)	N (IN)	O (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur																Gouge à crochet	Poids
KF-423	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



KF-473 D

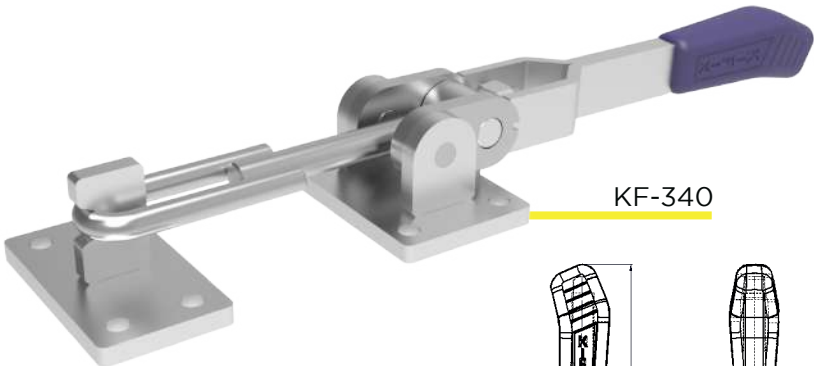


D - Flanged Base D - Base à bride

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 Kg (lb)	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)	142 (0,56)	38,1 (1,50)	142 (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)



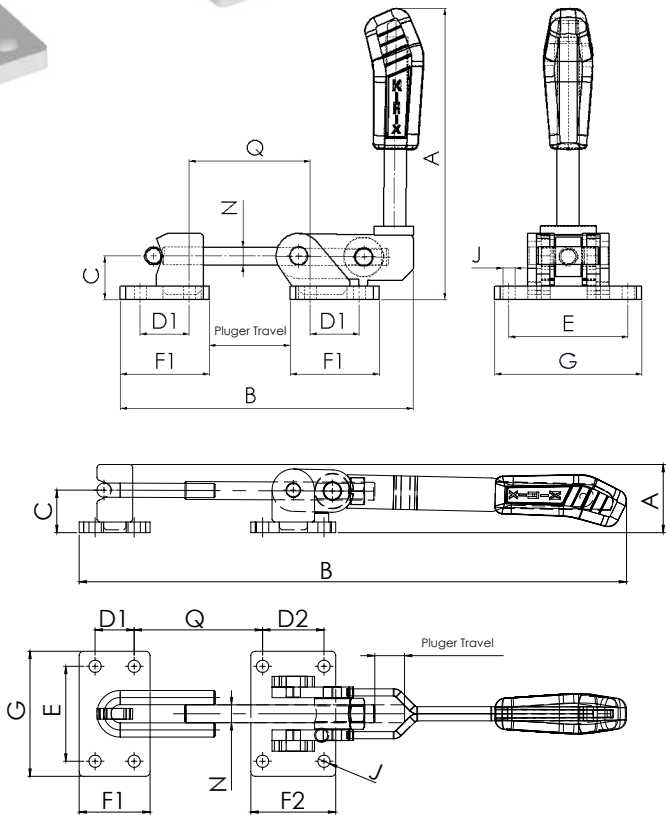
KF-330



KF-340



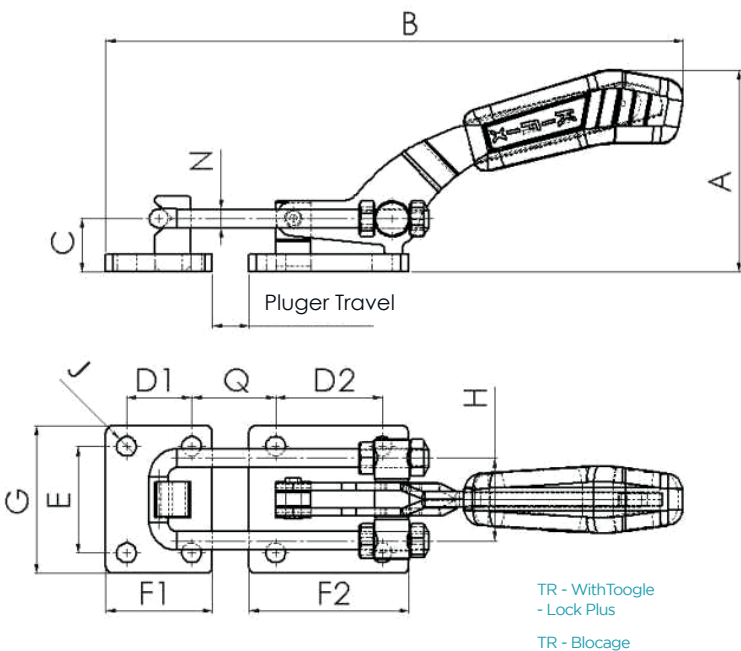
KF-350



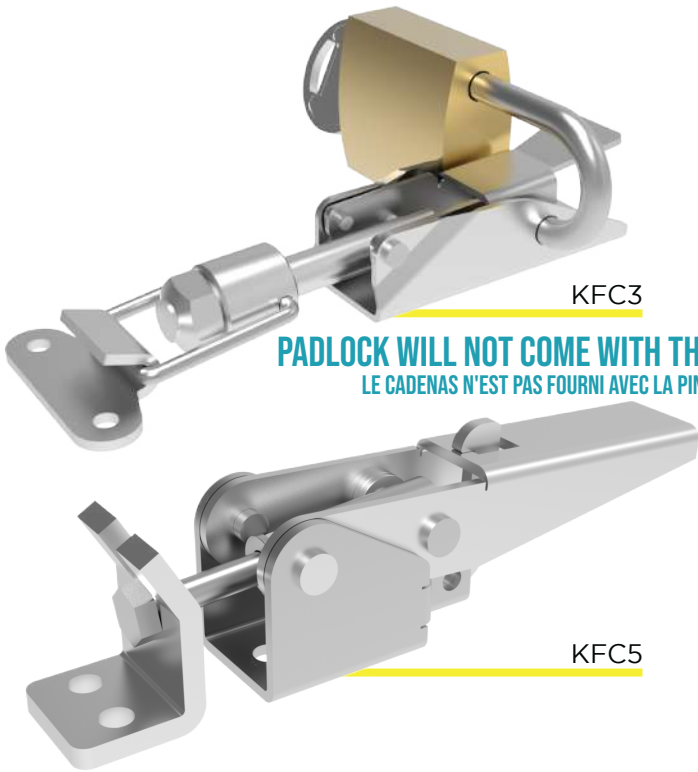
REFERENCE	RETENTION FORCE KGf (Lbf)	PLUNGER TRAVEL (IN)	A (IN)	B MÁX (IN)	C (IN)	D1 (IN)	D2 (IN)	E (IN)	F1 (IN)	F2 (IN)	G (IN)	J (IN)	N (IN)	Q (IN)	HOOK GOUGE	WEIGHT KG (LB)
Référence	Force de rétention Kg (lb)	Course du plongeur													Gouge à crochet	Poids
KF-330	1500 (3300)	48 (1,89)	208 (8,19)	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

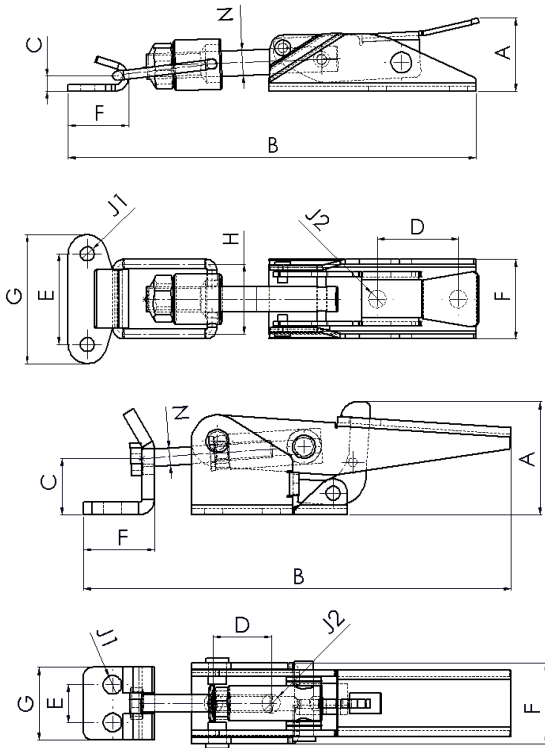
SAUTERELLES À CROCHET



REFERENCE	RETENTION FORCE KGf (Lbf)	PLUNGER TRAVEL (IN)	A (IN)	B MAX (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)	109 (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)



PADLOCK WILL NOT COME WITH THE CLAMP
LE CADENAS N'EST PAS FOURNI AVEC LA PINCE



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 (1,66)	4,2 (1,66)	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



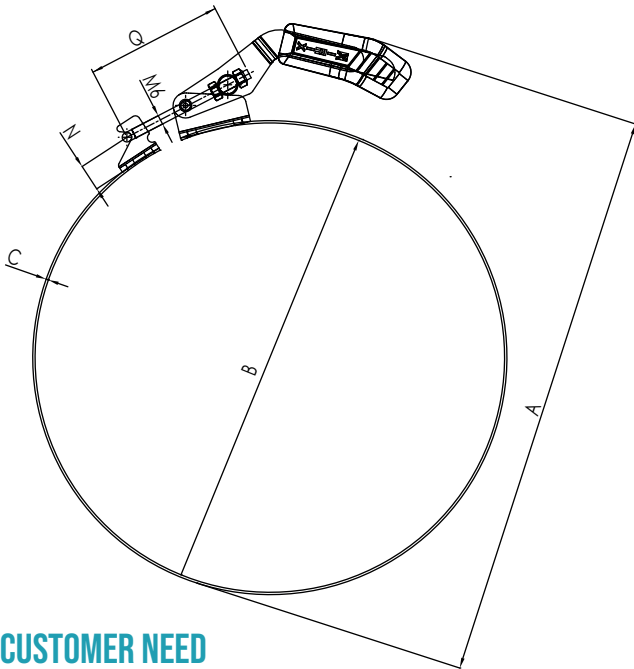
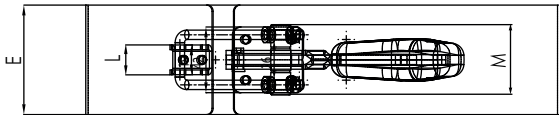
KF-233 CT 50



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**

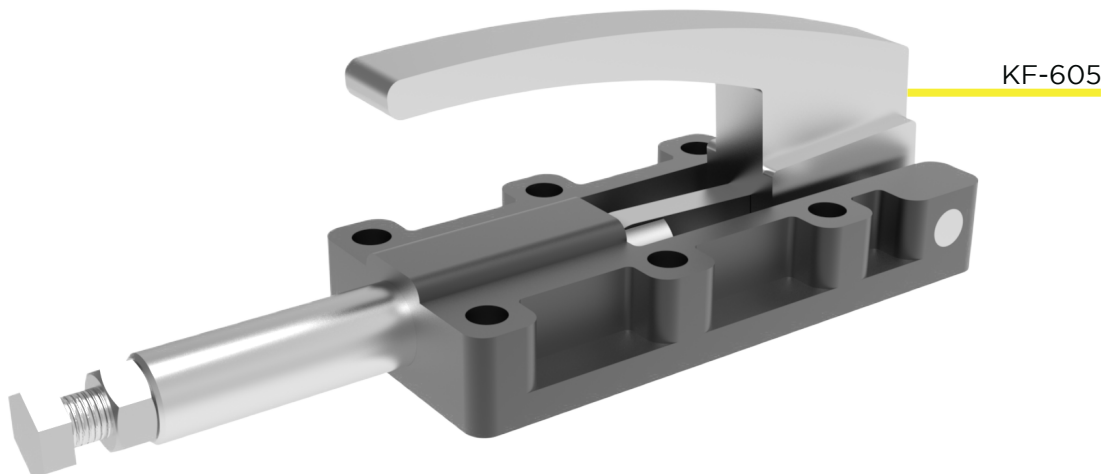
CT - Strap
CT - Sangle

EXAMPLE:

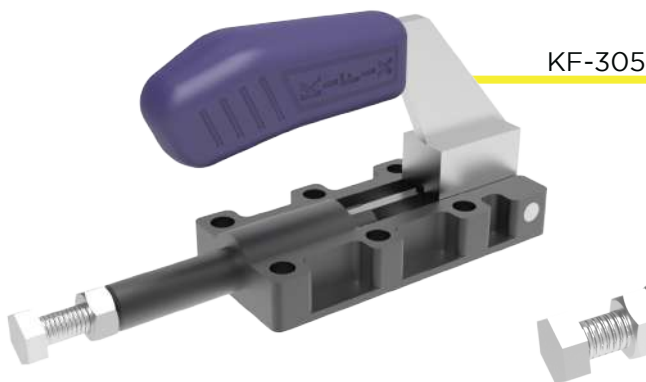
REFERENCE Référence	RETENTION FORCE KGf (LBF) Force de rétention Kgf (lbf)	PLUNGER TRAVEL (IN) Course du plongeur	A (IN)	B (IN)	C (IN)	E (IN)	L (IN)	M (IN)	N (IN)	Q (IN)	HOOK GOUGE Gouge à crochet	WEIGHT KG (LB) Poids
KF-233 CT50	160 (352)	14 (0,55)	100 (3,93)	50 (1,96)	1,5 (0,05)	25 (0,98)	4,3 (0,16)	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

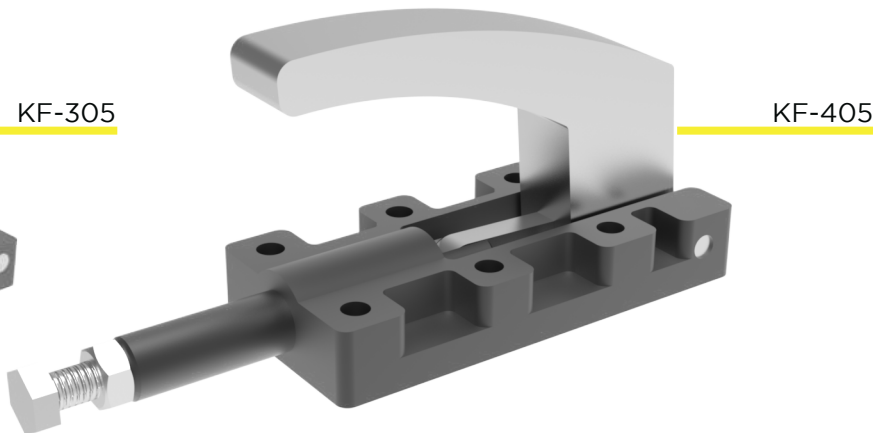
SAUTERELLES POUSSOIR



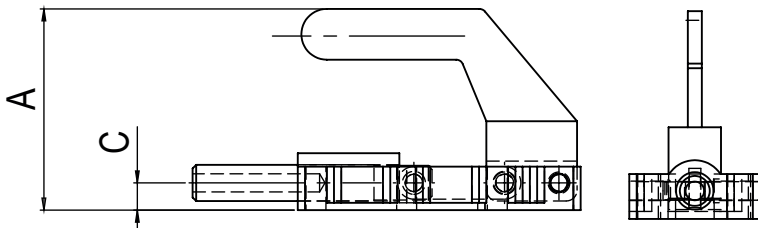
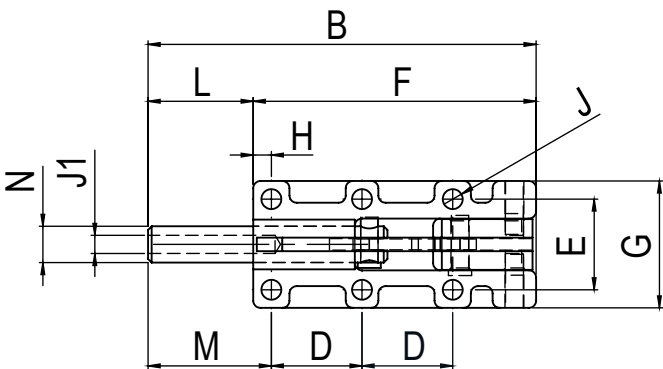
KF-605



KF-305



KF-405



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)	L (IN)	M (IN)	N (IN)	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)	Course du plongeur														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 (1.63)	97 (3.81)	151.5 (0.59)	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



KF-057 TR



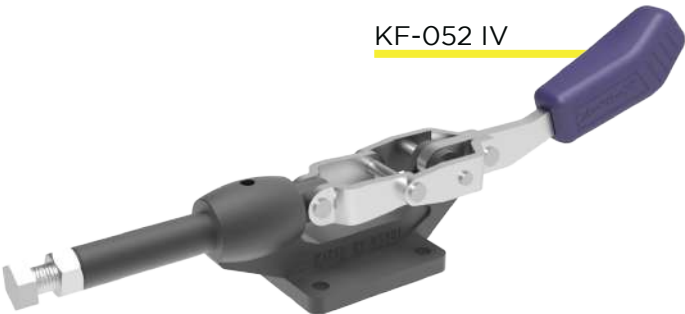
KF-061



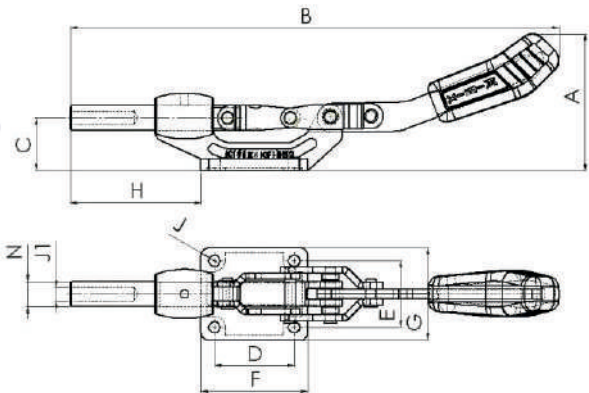
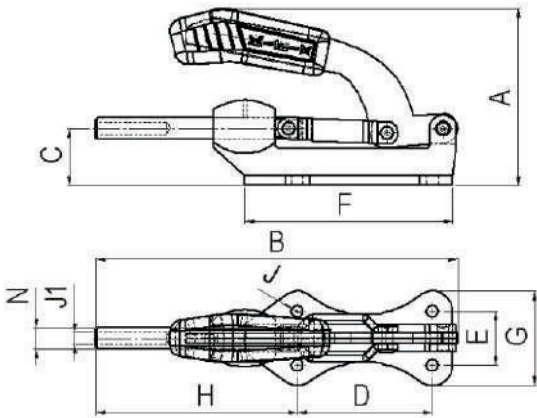
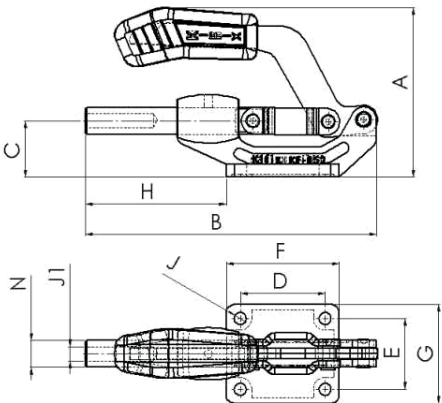
KF-051



KF-053



KF-052 IV



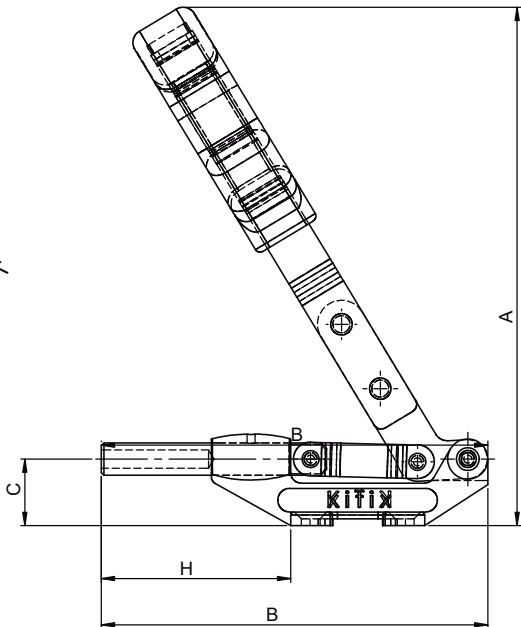
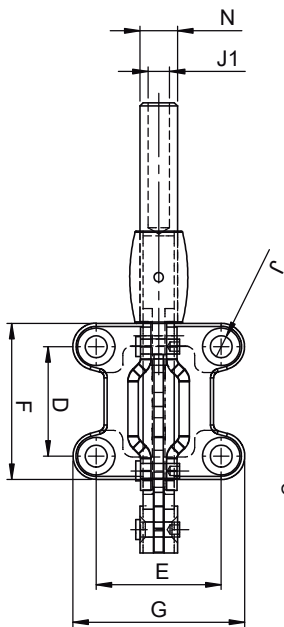
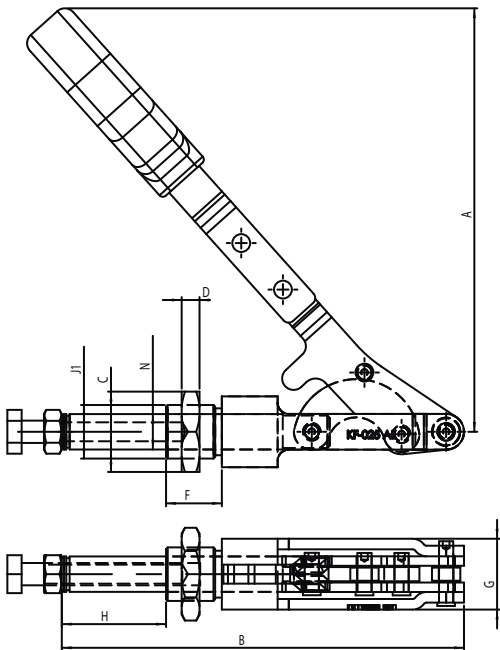
TR - With Toogle-Lock Plus
IV - Reversed Handle
RF - Enhanced Base

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	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	J (IN)	J1 (IN)	N (IN)	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)	92.2 (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)	42.2 (1.66)	8.5 (0.33)	M10X1.50	16 (0.63)	M10 0.890 (1.958)
KF-054 IV	380 (836)	46 (1.81)	57.2 (2.251)	339 (13.34)	31.8 (1.25)	41.4 (1.63)	41.4 (1.63)	158 (6.22)	57.2 (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)		M24X2,0C	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 (47,48)	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)	42,2 (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

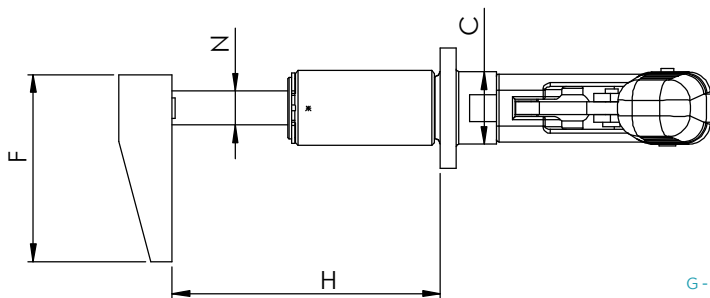
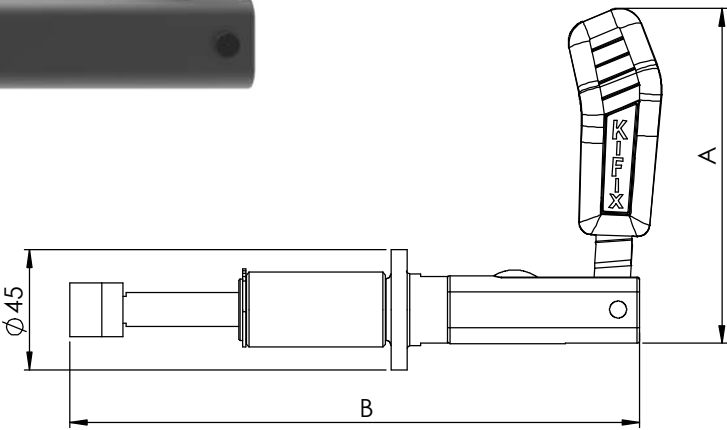
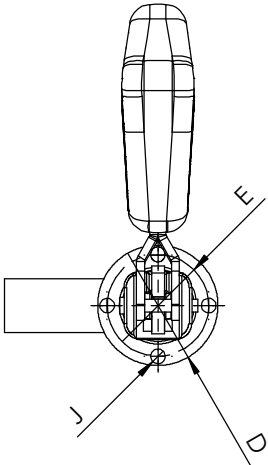
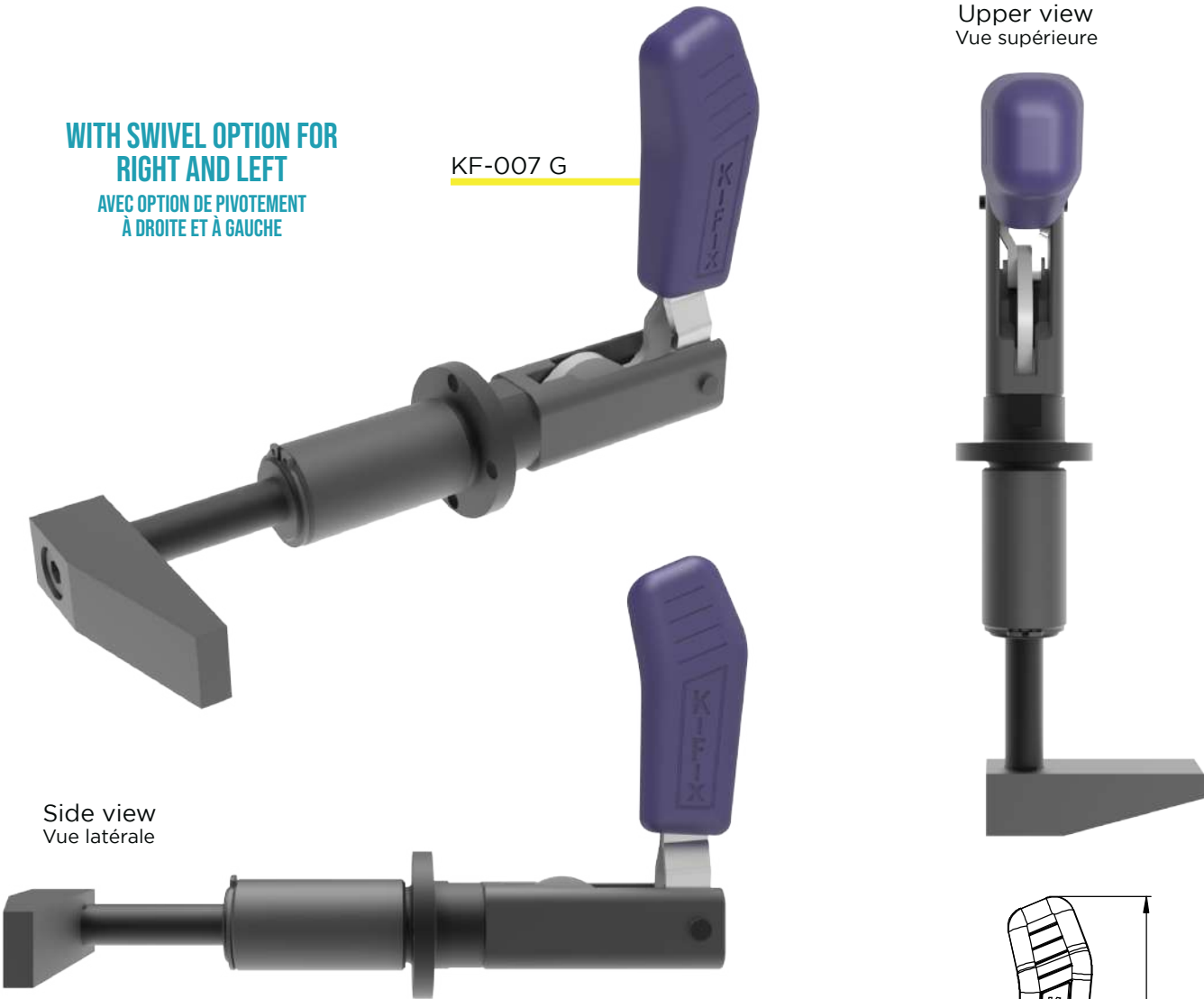
SAUTERELLES POUSSOIR À PISTON CARRÉ

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

KF-007 G

Upper view
Vue supérieure

Side view
Vue latérale

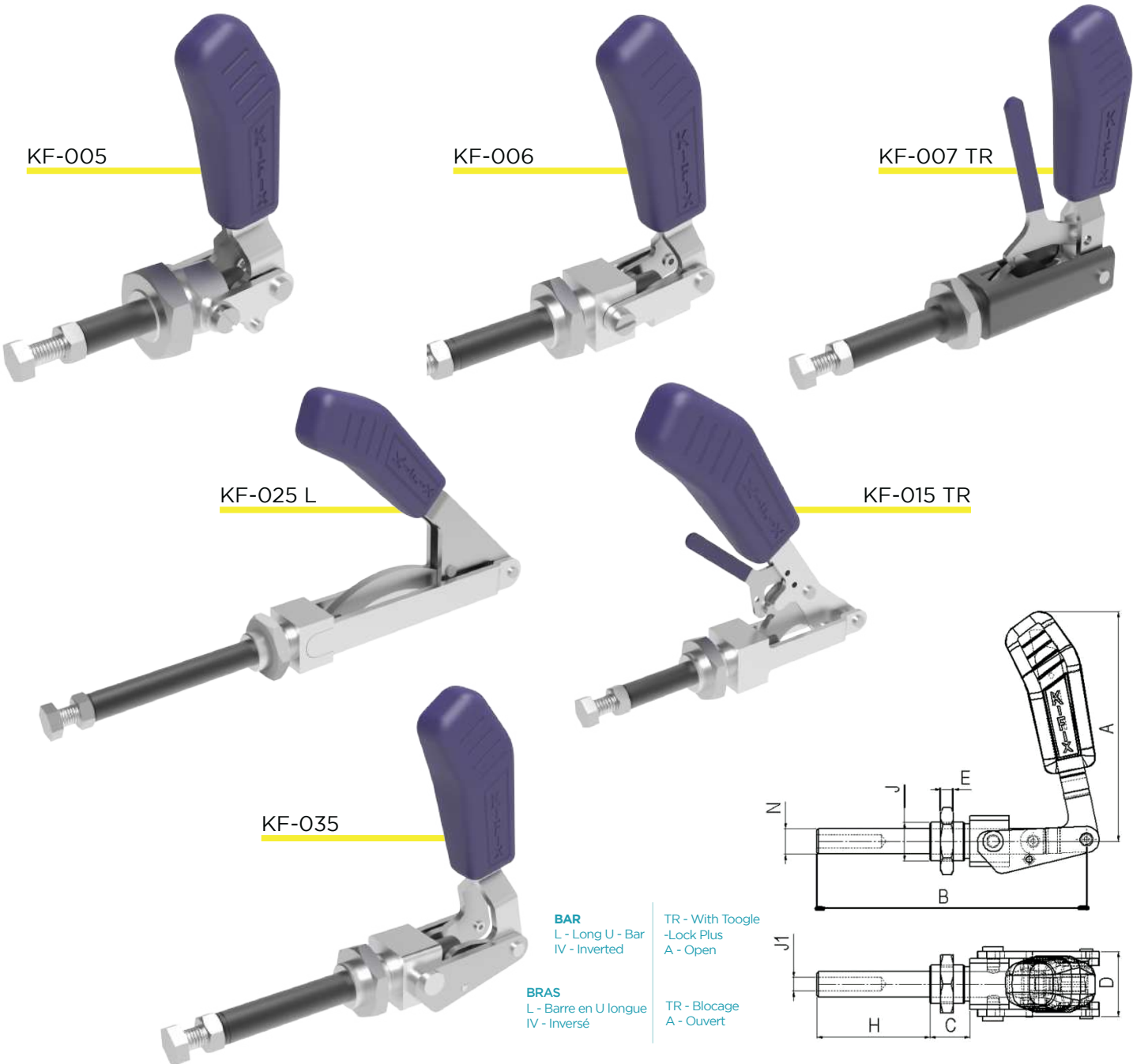


G - Rotation

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)

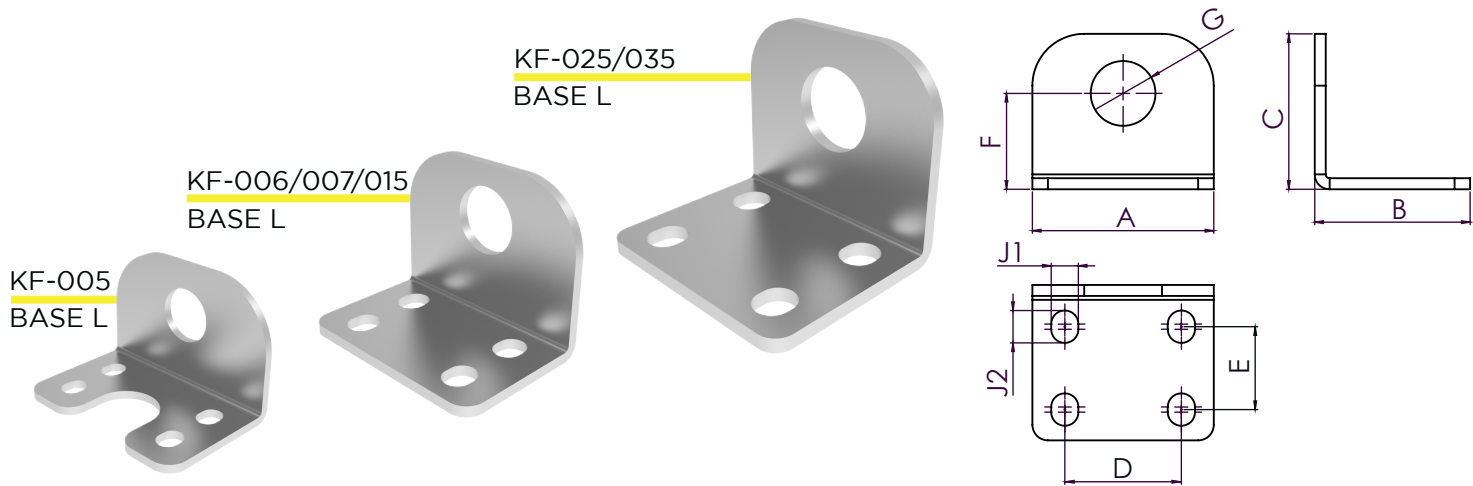
BAR
L - Long U - Bar
IV - Inverted

BRAS
L - Barre en U longue
IV - Inversé

TR - With Toggle
-Lock Plus
A - Open

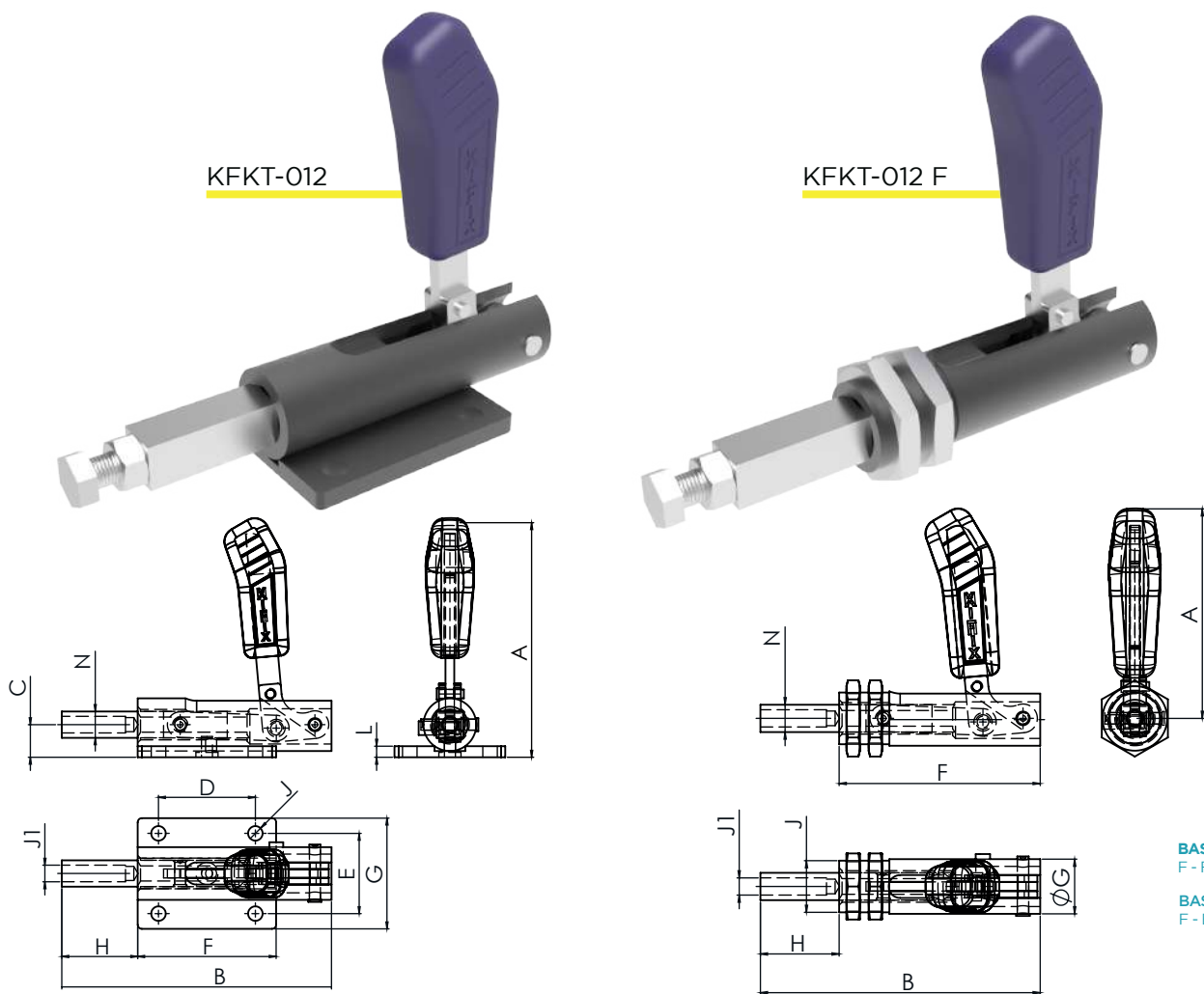
TR - Blocage
A - Ouvert

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)

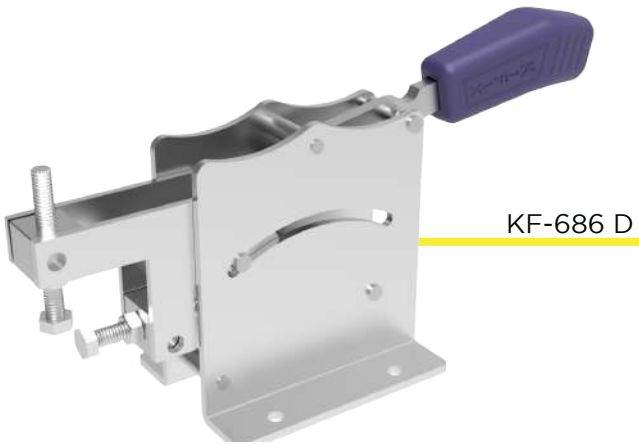
STRAIGHT LINE ACTION CLAMP SQUARE PLUNGER SAUTERELLE POUSSOIR À PISTON CARRÉ



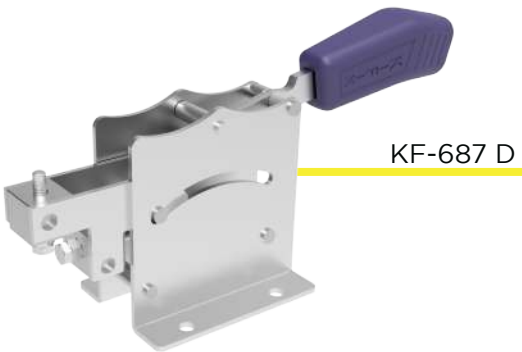
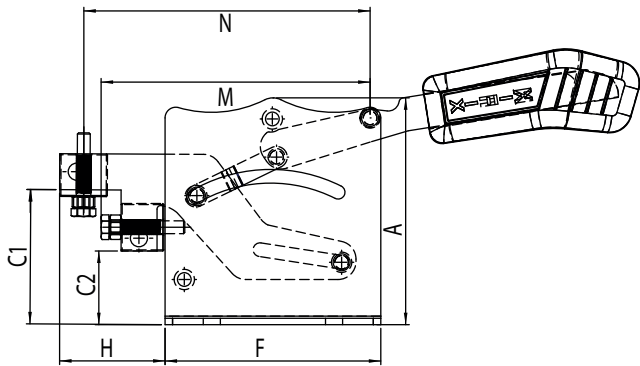
BASES
F - Front Base
BASES
F - Base frontale

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)

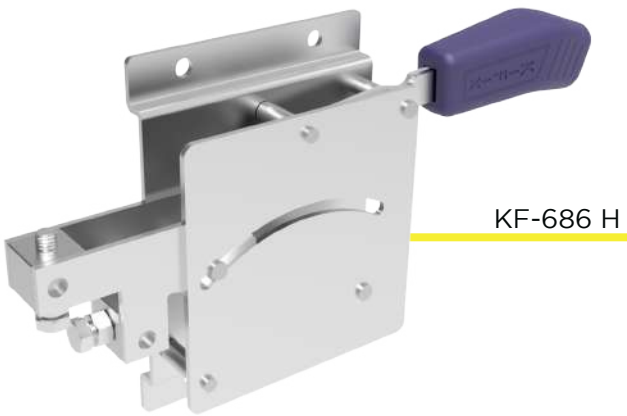
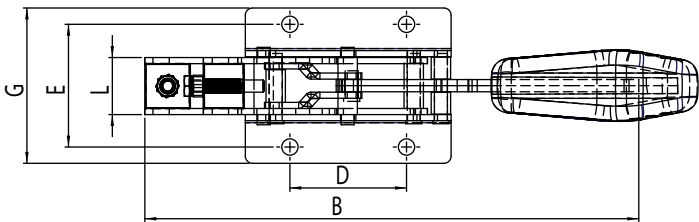
DOUBLE CLAMPS SAUTERELLES D'ANGLE



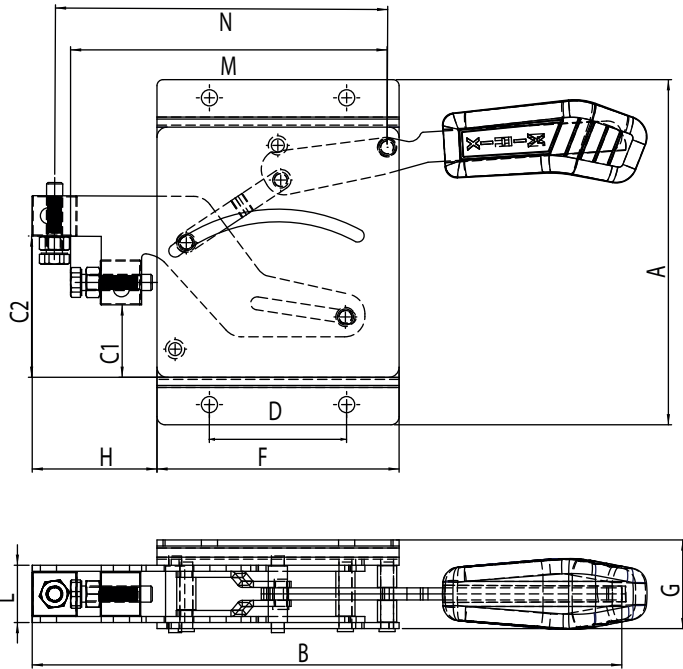
KF-686 D



KF-687 D



KF-686 H



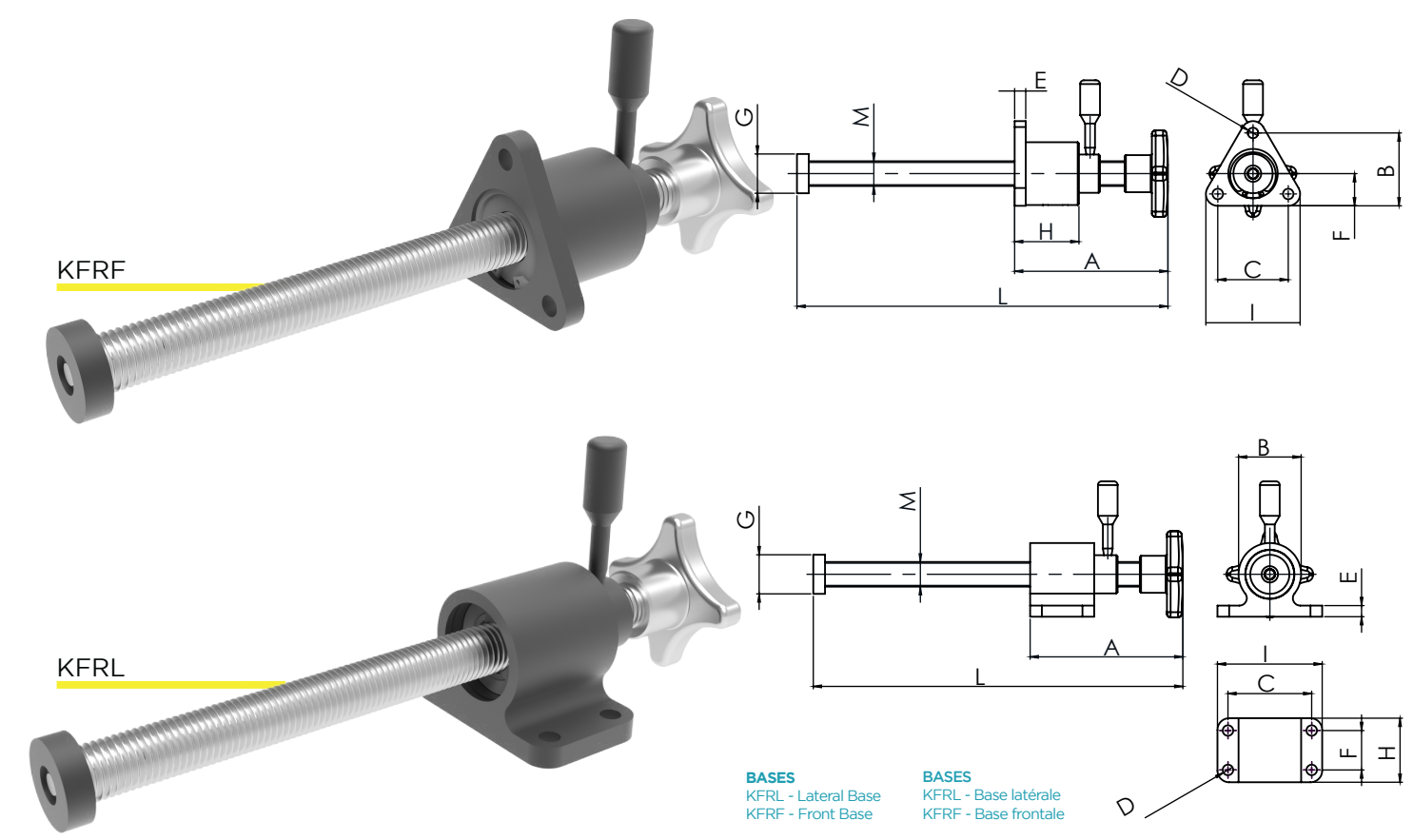
BASES
D - Flanged Base
H - Horizontal

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

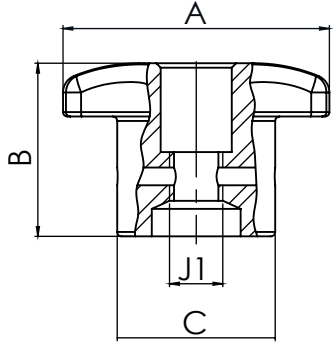
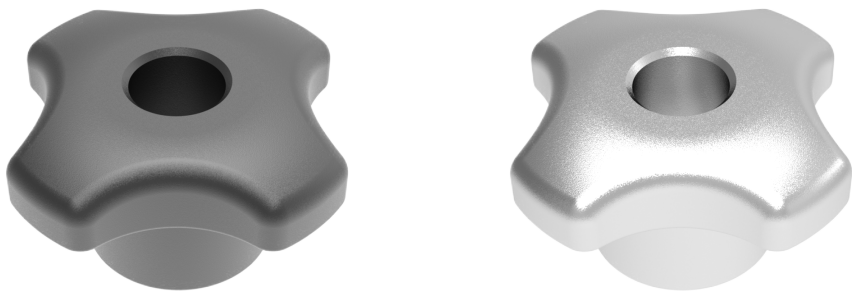
SAUTERELLES POUSSOIR À COURSE VARIABLE



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

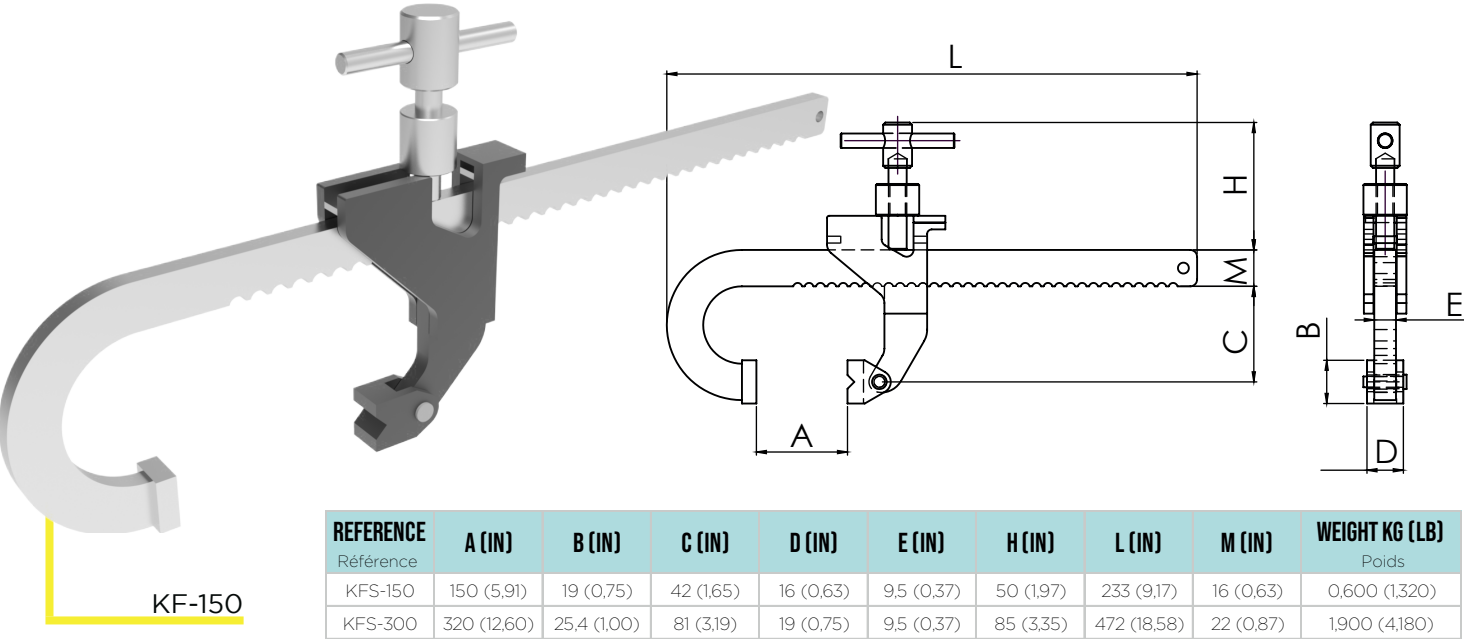


VERSIONS DISPONIBLES :
Acier zingué blanc
Noir oxydé

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

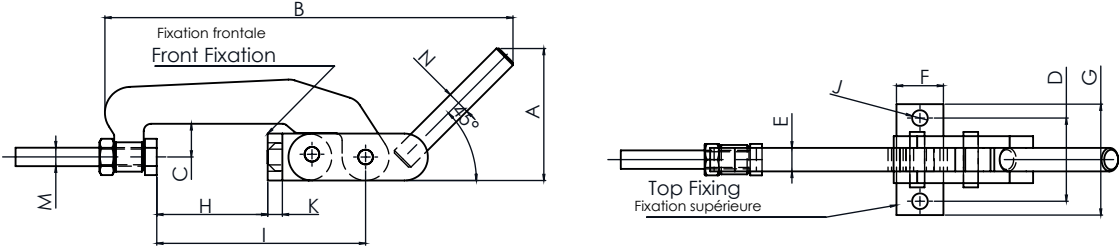
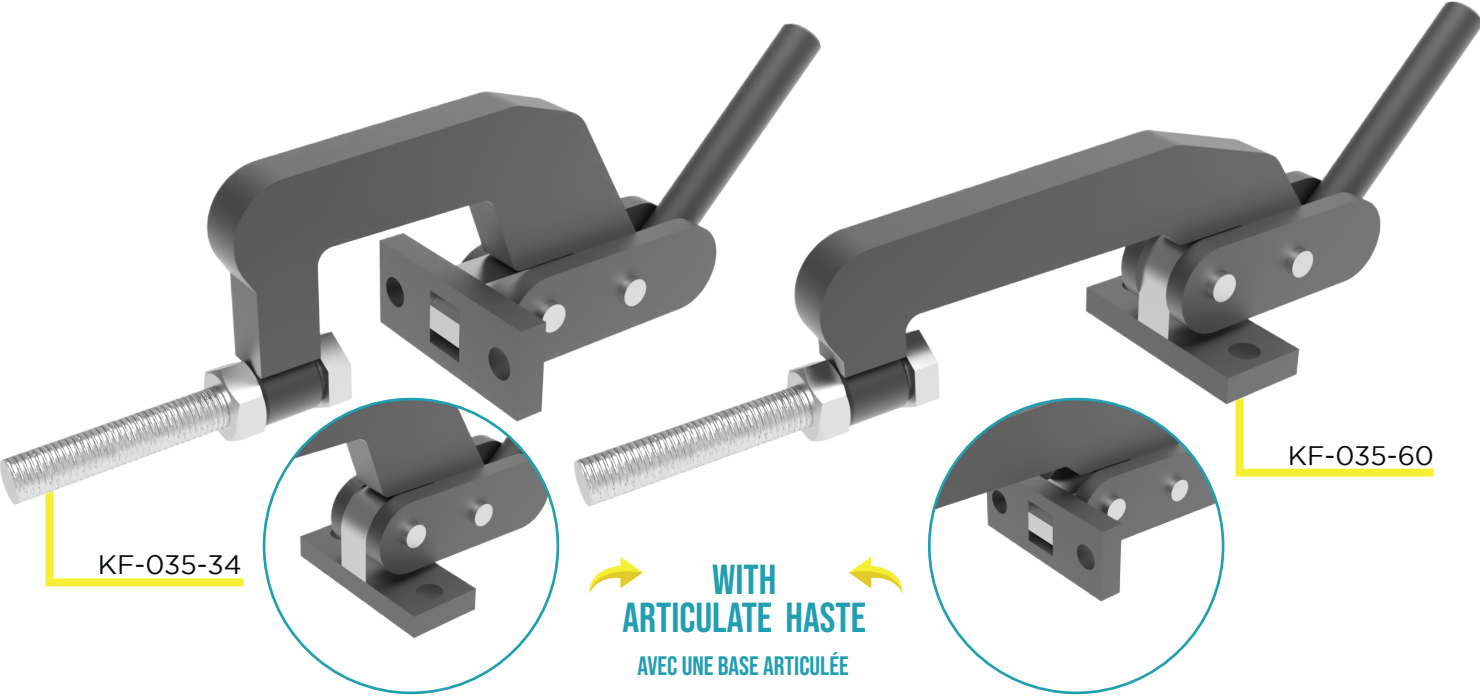
SERRES JOINTS CARVER



REFERENCE	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	H (IN)	L (IN)	M (IN)	WEIGHT KG (LB)
Référence									Poids
KFS-150	150 (5,91)	19 (0,75)	42 (1,65)	16 (0,63)	9,5 (0,37)	50 (1,97)	233 (9,17)	16 (0,63)	0,600 (1,320)
KFS-300	320 (12,60)	25,4 (1,00)	81 (3,19)	19 (0,75)	9,5 (0,37)	85 (3,35)	472 (18,58)	22 (0,87)	1,900 (4,180)

COMPRESSOR CLAMP

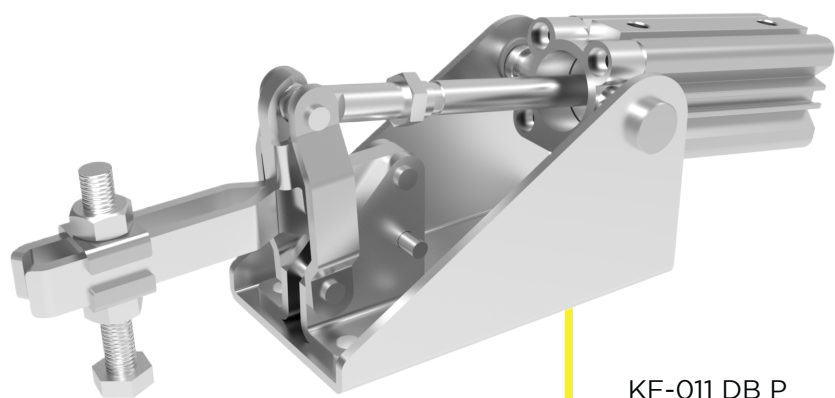
SERRE JOINT À COMPRESSION



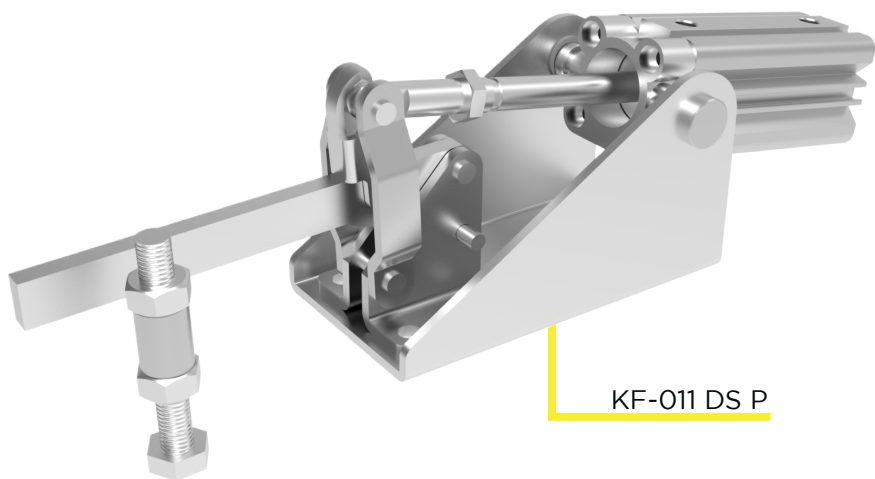
REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (IN)	I (IN)	J (IN)	K (IN)	M (IN)	N (IN)	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)														Broche	Poids
KF-035 34	1000 (2200)	71 (2,80)	195 (7,68)	36 (1,42)	45 (1,77)	12,7 (0,50)	25,4 (1,00)	60 (2,36)	34 (1,34)	87 (3,43)	8,5 (0,33)	7,94 (0,31)	M10	12,7 (0,50)	M10	0,910 (2,002)
KF-035 60	1000 (2200)	71 (2,80)	221 (8,70)	18 (0,71)	45 (1,77)	12,7 (0,50)	25,4 (1,00)	60 (2,36)	60 (2,36)	113 (4,45)	8,5 (0,33)	7,94 (0,31)	M10	12,7 (0,50)	M10	0,890 (1,958)
KF-035 3660	1000 (2200)	71 (2,80)	221 (8,70)	36 (1,42)	45 (1,77)	12,7 (0,50)	25,4 (1,00)	60 (2,36)	60 (2,36)	113 (4,45)	8,5 (0,33)	7,94 (0,31)	M10	12,7 (0,50)	M10	0,955 (2,101)
KF-035 100	2000 (4400)	101 (3,98)	318 (12,52)	70 (2,76)	68 (2,68)	15,9 (0,63)	40 (1,57)	88 (3,46)	100 (3,94)	164 (6,46)	10,5 (0,41)	12,7 (0,50)	M10	15,9 (0,63)	M10	2,215 (4,873)

PNEUMATIC CLAMP

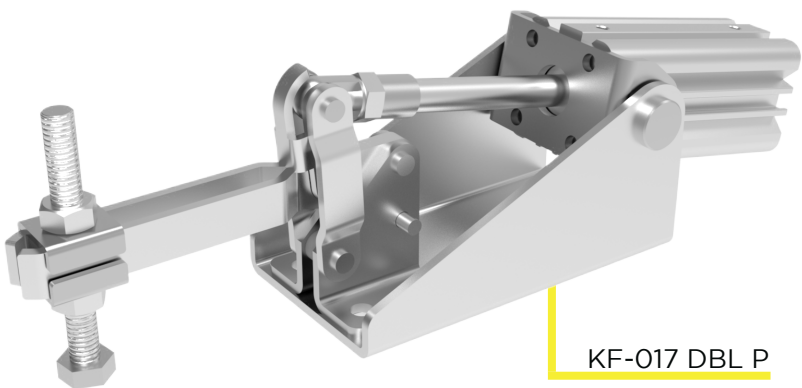
SAUTERELLES PNEUMATIQUES



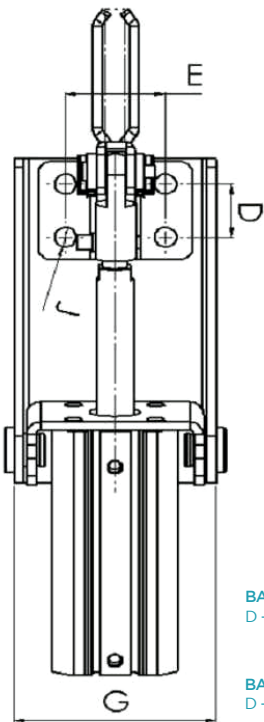
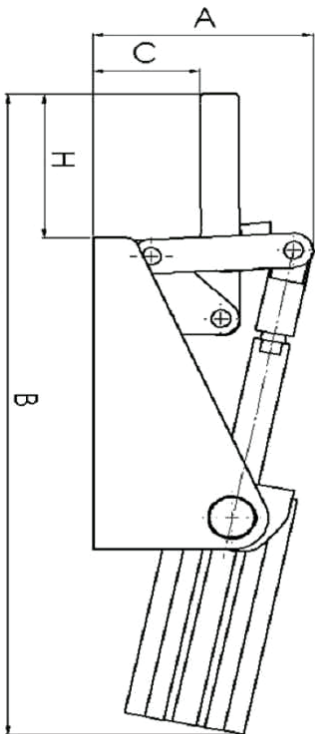
KF-011 DB P



KF-011 DS P



KF-017 DBL P



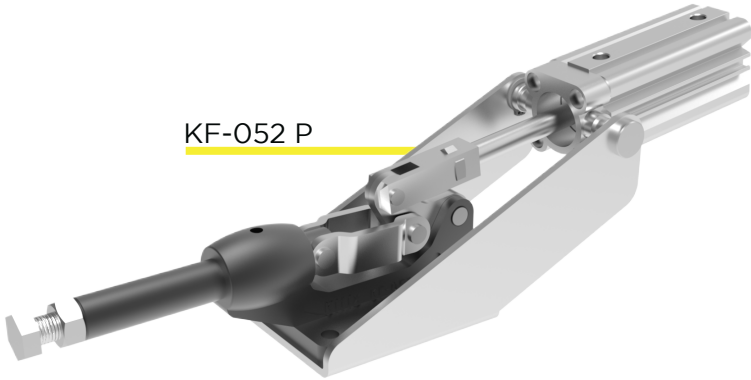
- BASES**
D - Flanged Base

HASTES
B - U - Bar
S - Solid Bar
L - Long U-Bar
- BASES**
D - Base à plat

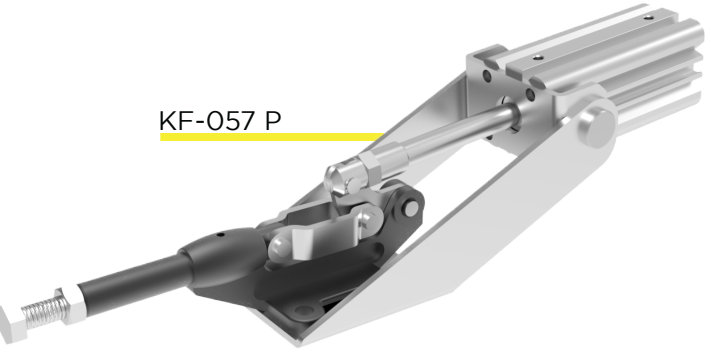
BRAS
B - En U
S - Barre pleine
L - Long

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)									Filet 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)	1/8 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)

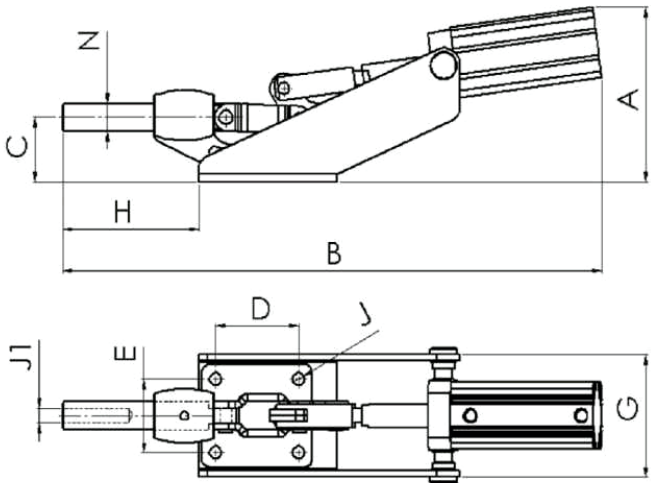
PNEUMATIC CLAMP SAUTERELLES PNEUMATIQUES



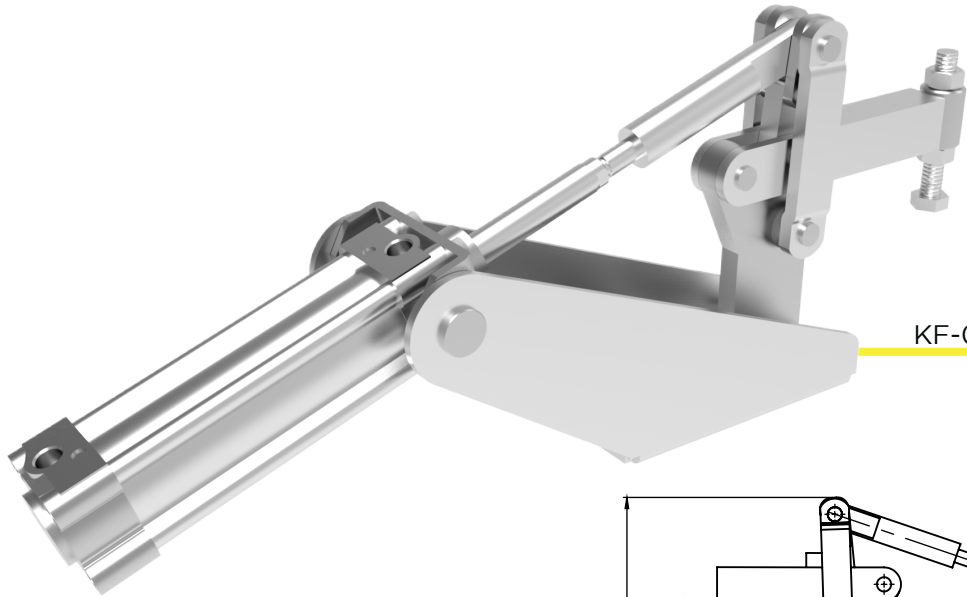
KF-052 P



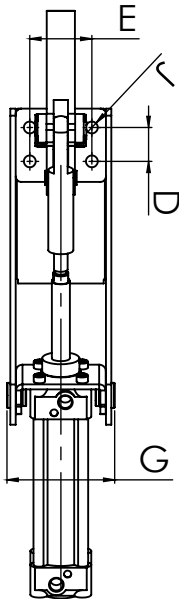
KF-057 P



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)											Filet 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)



KF-066 TS P



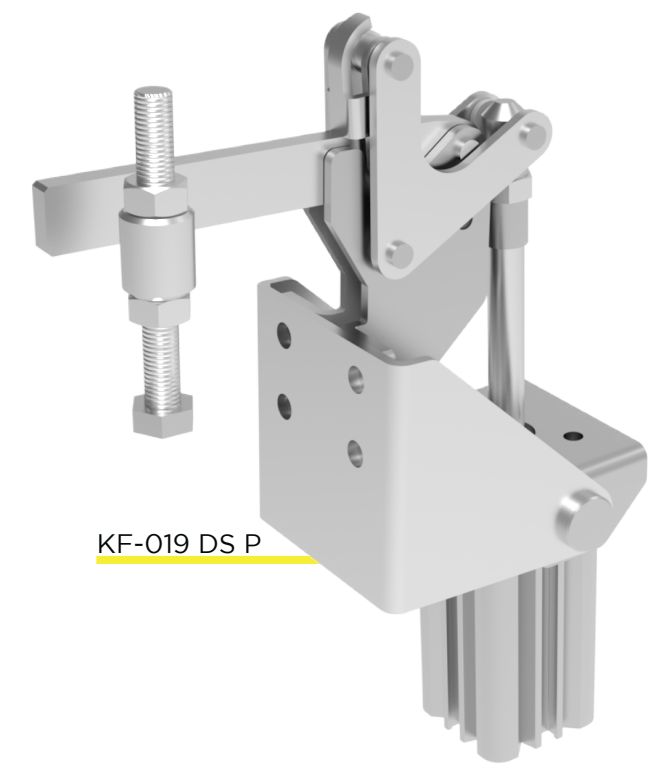
BASES
T - Base T
S - Solid Bar

BRAS
S - Barre pleine en T

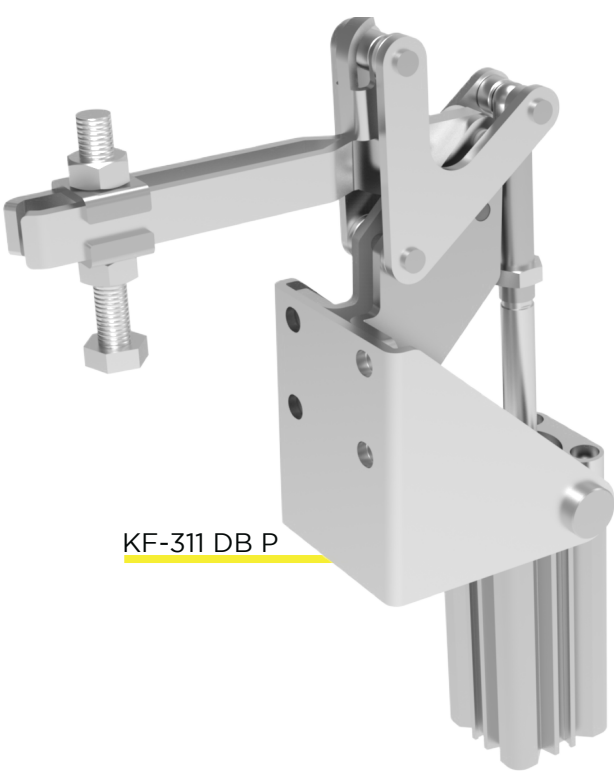
REFERENCE	RETENTION FORCE KGf (LBF)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	G (IN)	H (IN)	J (IN)	ROSCA CIL	OPENING ANGLE	SPINDLE	WEIGHT KG (LB)
Référence	Force de rétention Kgf (lbf)									Filet cyl	Angle d'ouverture	Broche	Poids
KF-066 TS P	1400 (3080)	200 (7,87)	521 (20,51)	108 (4,25)	30 (1,18)	55 (2,17)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

PNEUMATIC CLAMP

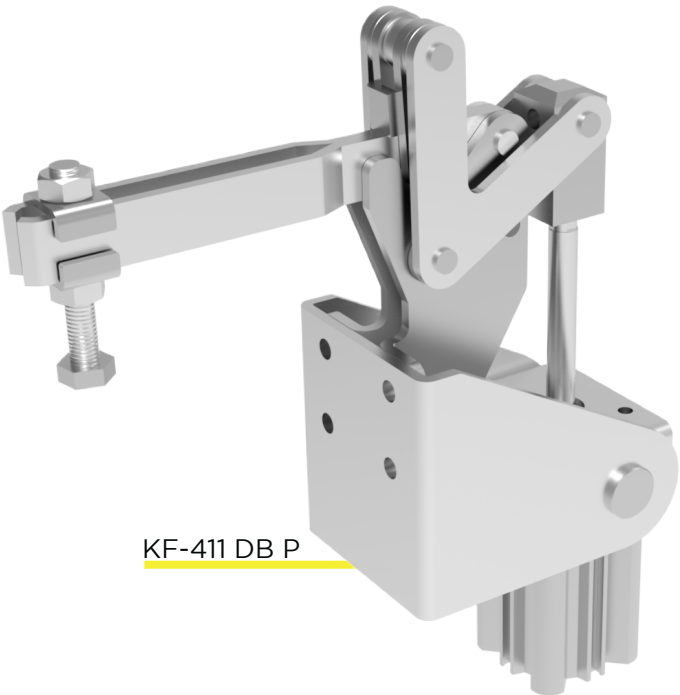
SAUTERELLES PNEUMATIQUES



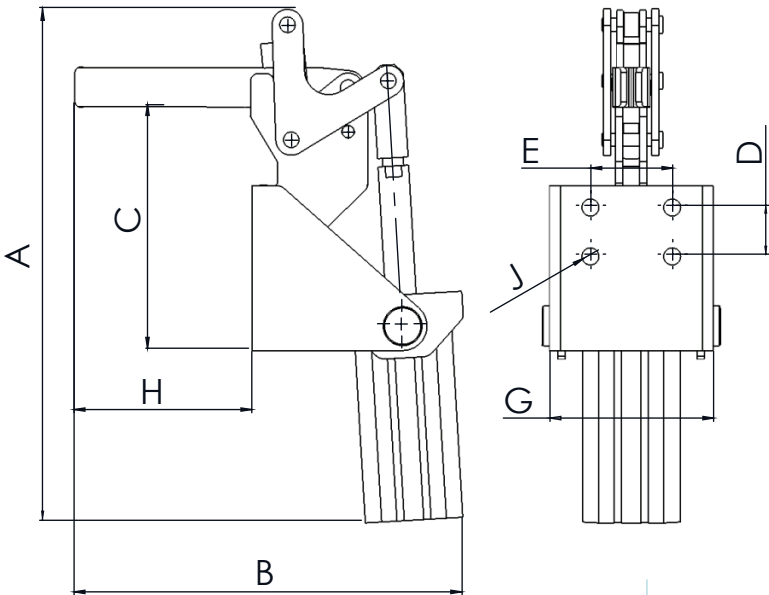
KF-019 DS P



KF-311 DB P



KF-411 DB P



- BASES

D - langed
Base
- BAR

B - Bifurcada
S - Solid bar
- BASES

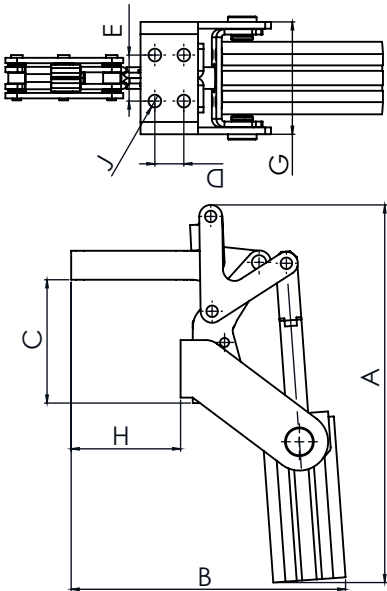
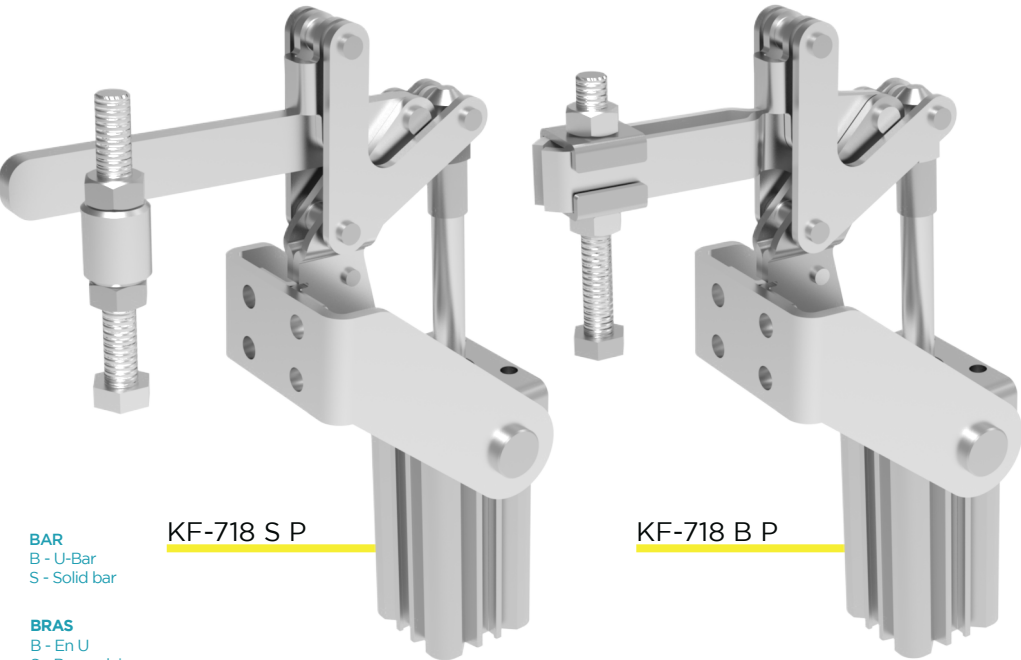
D - Base à
plat
- BRAS

B - Bifurquée
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)									Filet cyl	Angle d'ouverture	Broche	Poids
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



BAR
B - U-Bar
S - Solid bar

BRAS
B - En U
S - Barre pleine

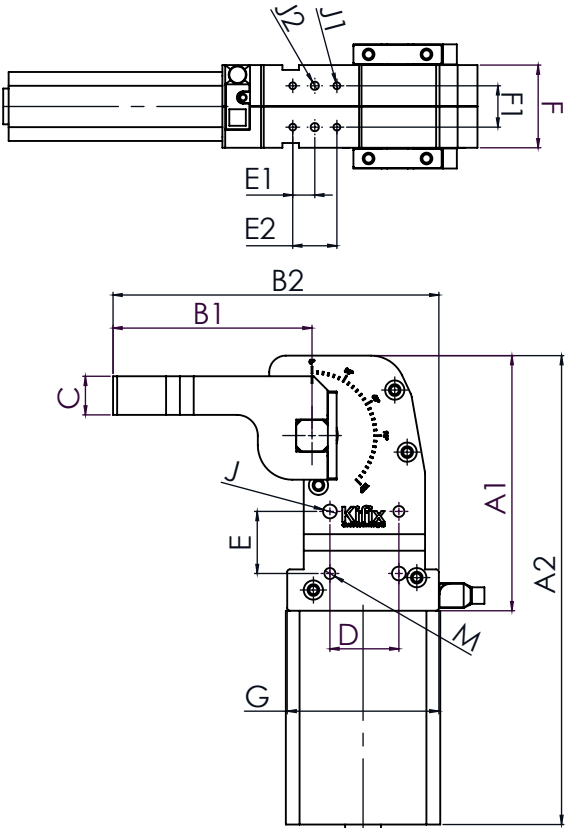
KF-718 S P

KF-718 B P

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)									Filet 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)	M5	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)	M5	M8	1,500 (3,300)

POWER CLAMP

SAUTERELLE PNEUMATIQUE SÉRIE LOURDE



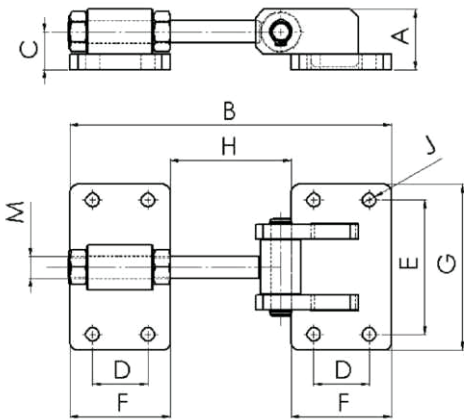
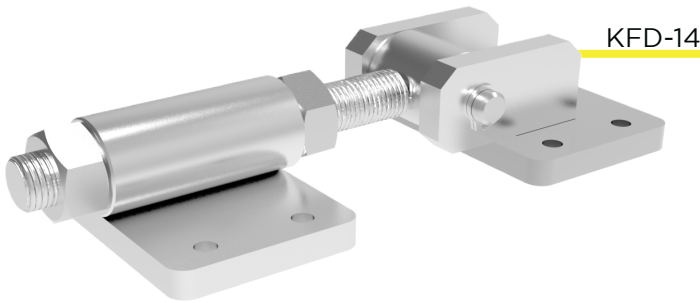
KFP-L63

KFP-L40

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

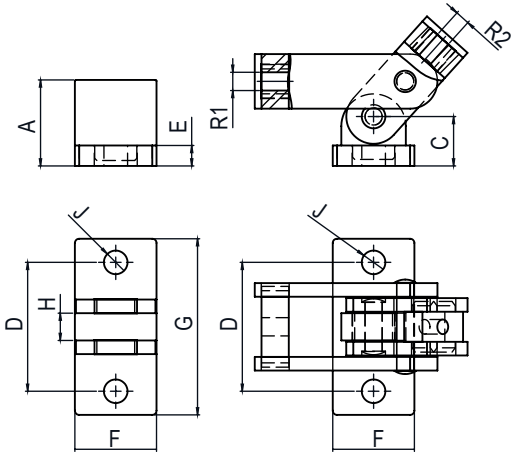
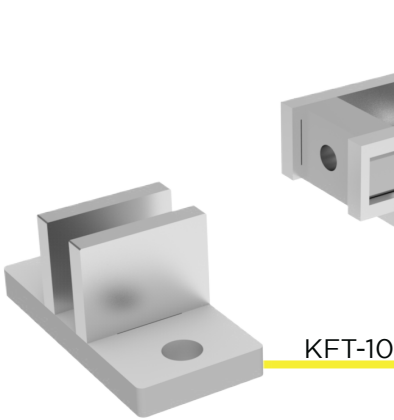
CHARNIÈRES



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

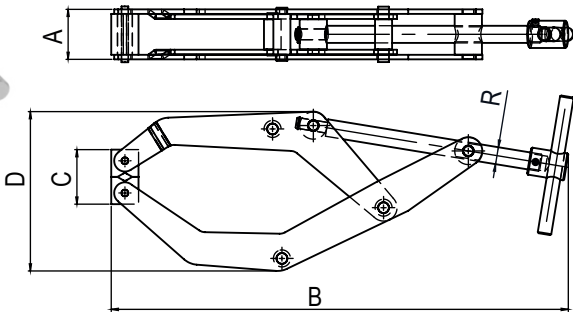
LOQUETS



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

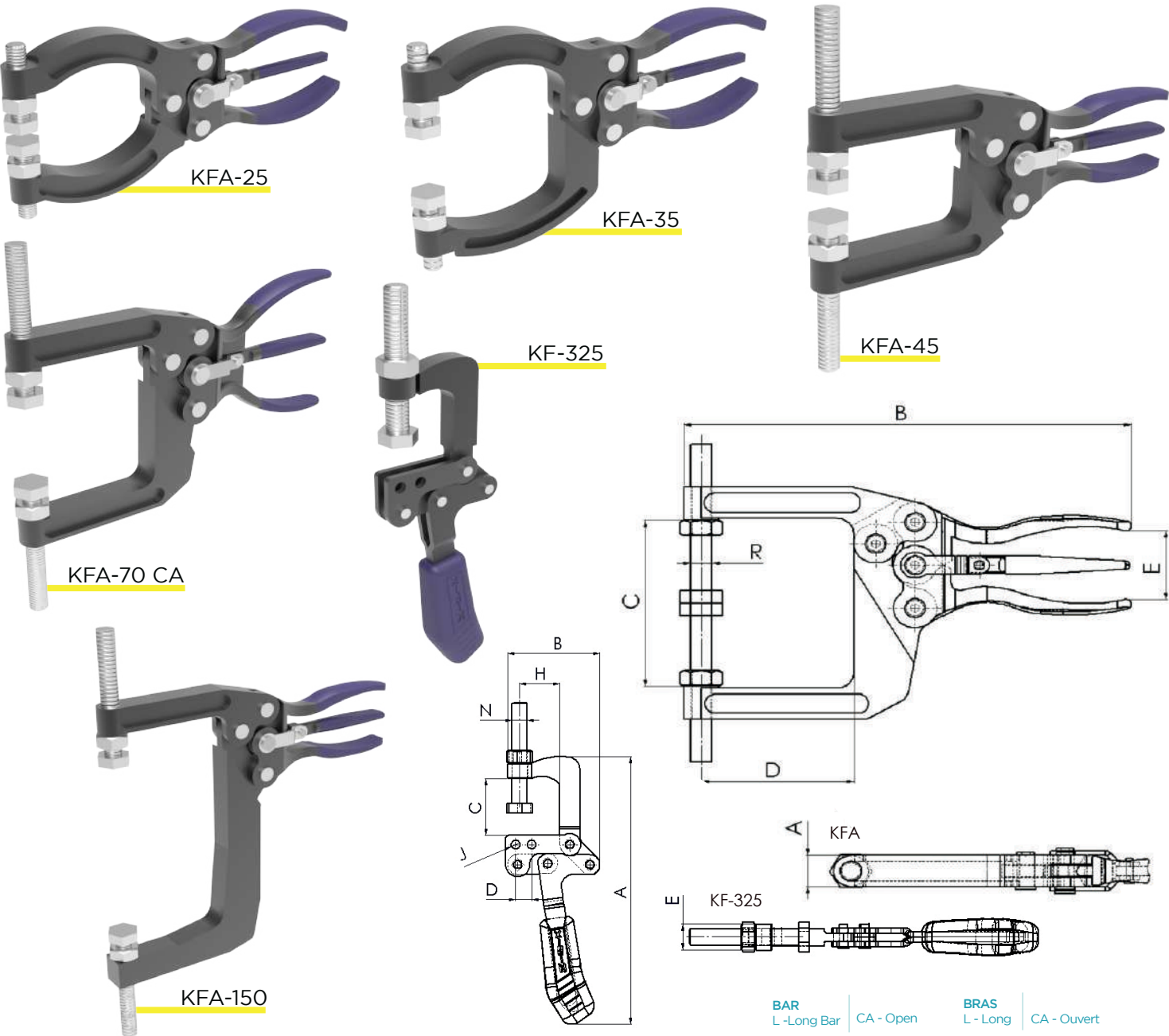
PINCES ÉTAU



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)

HANDLEPOIGNÉES

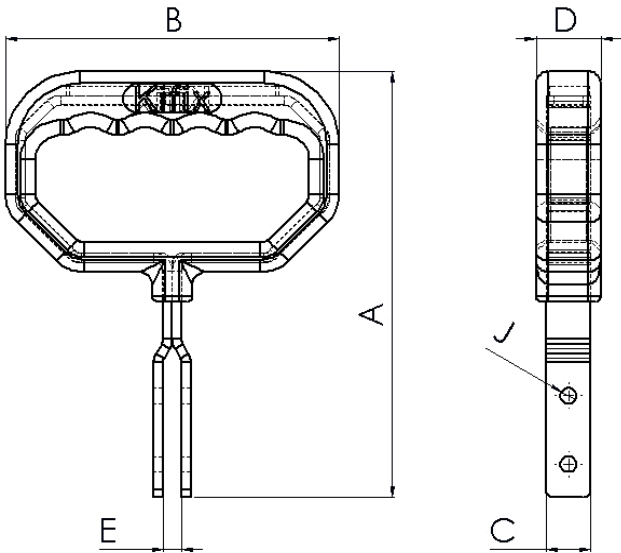


KF-AL

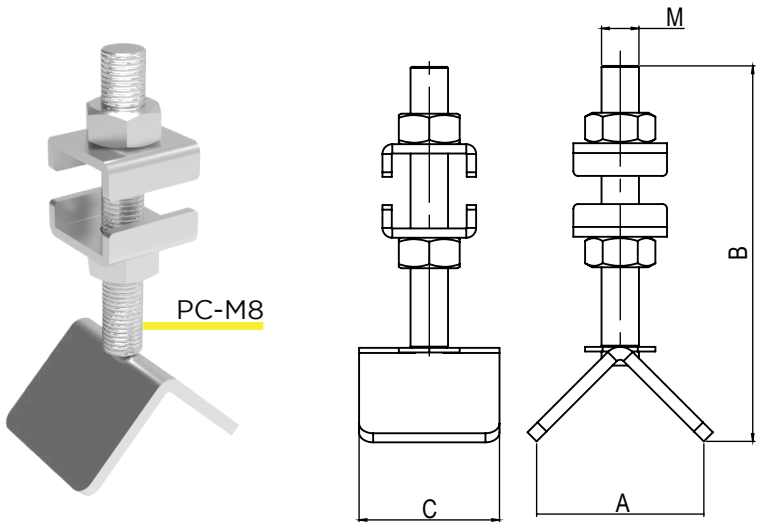
WE PRODUCE CLAMPS WITH HANDLE
ACCORDING TO CUSTOMER NEEDS

NOUS PRODUISONS DES SAUTERELLES AVEC POIGNÉE
SELON LES BESOINS DU CLIENT

REFERENCE	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	J (IN)	WEIGHT KG (LB)
Référence							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)

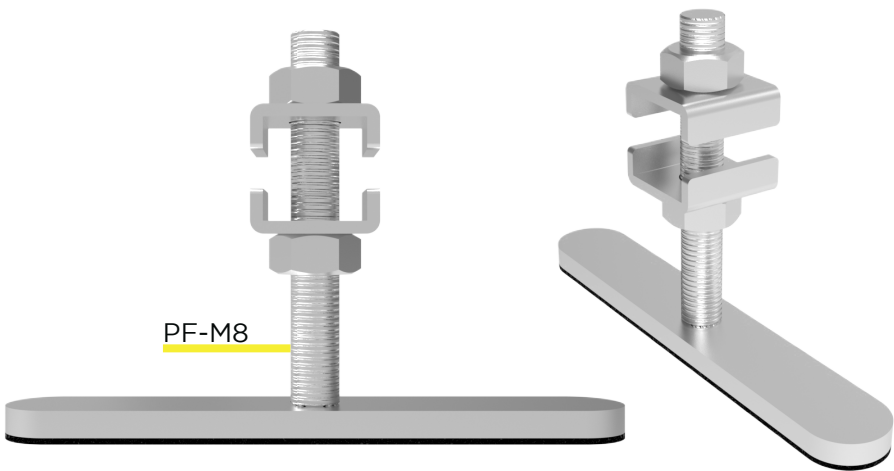


SPINDLEBROCHES

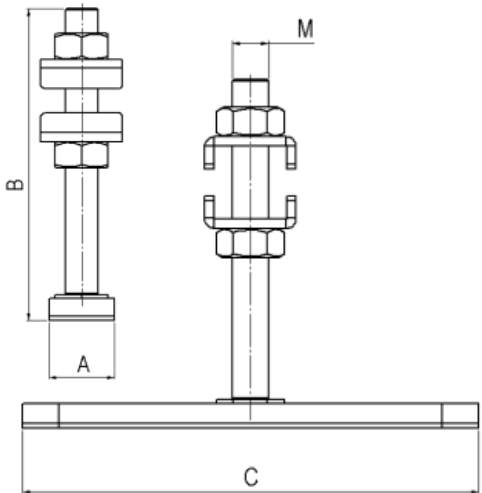


PC-M8

REFERENCE	A (IN)	B (IN)	C (IN)	M (IN)
Référence				
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

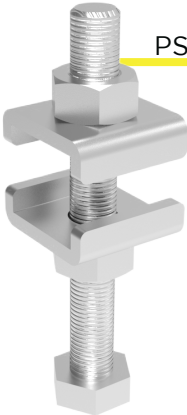


PF-M8





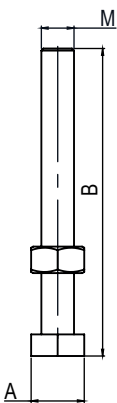
PSB-M8



PS-M8



PP-M8



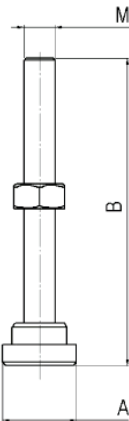
ARB-M8



ARP-M8



PA-M8



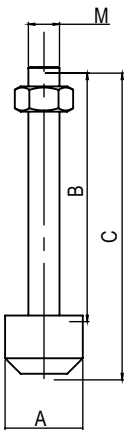
PB-M8



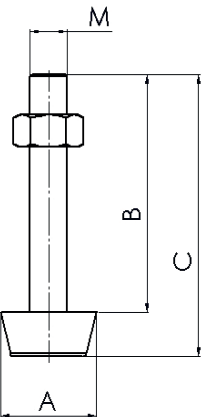
BRP-M8



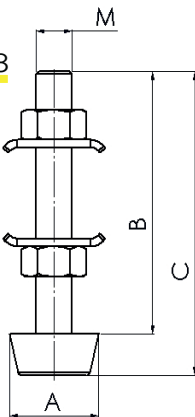
BRB-M8



BRP-M8



BRPC-M8



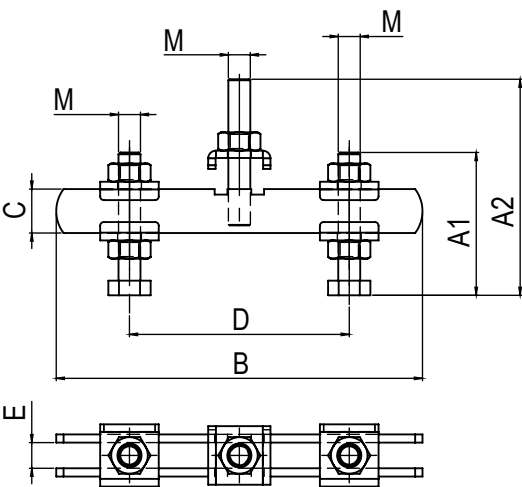
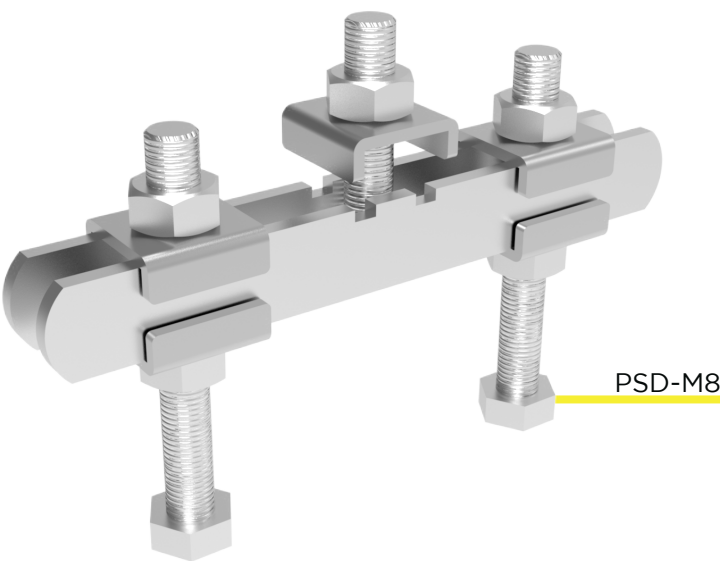
REFERENCE Référence	A (IN)	B (IN)	M (IN)
PP-M6	10 (0,39)	49 (1,93)	M6
PP-M8	13 (0,51)	45 (1,77)	M8
PP-M10	17 (0,67)	51 (2,01)	M10
PP-M12	19 (0,75)	47 (1,85)	M12
PP-M16	24 (0,94)	79 (3,11)	M16
PS-M6	10 (0,39)	64 (2,52)	M6
PS-M8	13 (0,51)	75 (2,95)	M8
PS-M10	17 (0,67)	77 (3,03)	M10
PSB-M6	10 (0,39)	64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

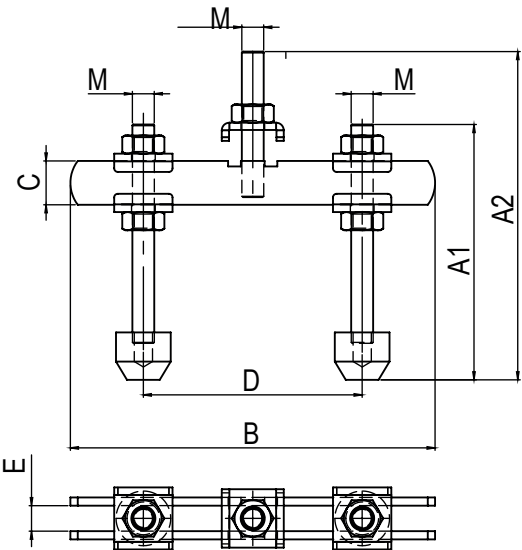
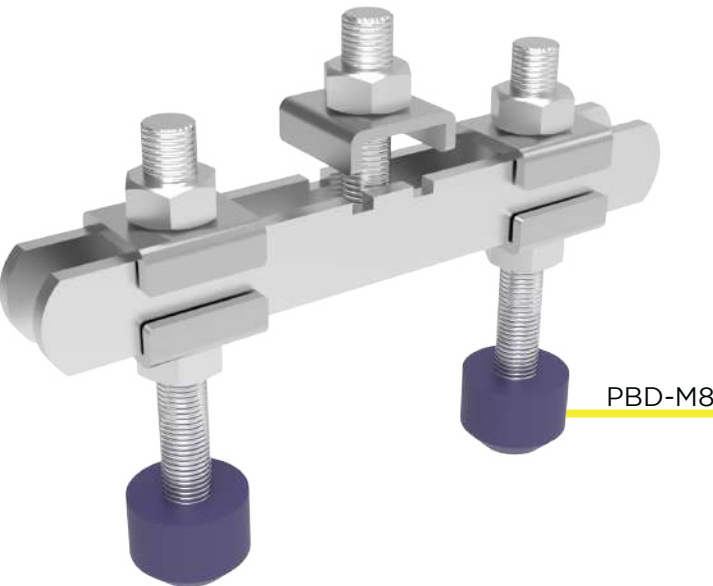
REFERENCE Référence	A (IN)	B (IN)	C (IN)	M (IN)
PB-M6	15 (0,59)	57 (2,24)	69 (2,72)	M6
PB-M8	18,5 (0,73)	63 (2,48)	78 (3,07)	M8
PB-M10	23 (0,91)	63 (2,48)	82 (3,23)	M10
BRP-M6	15 (0,59)	57 (2,24)	69 (2,72)	M6
BRP-M8	18,5 (0,73)	63 (2,48)	78 (3,07)	M8
BRP-M10	23 (0,91)	63 (2,48)	82 (3,23)	M10
BRB-M6	15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



REFERENCE	A1 (IN)	A2 (IN)	B (IN)	C (IN)	D MÍN (IN)	D MÁX (IN)	E (IN)	M (IN)
Référence								
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	A1 (IN)	A2 (IN)	B (IN)	C (IN)	D MÍN (IN)	D MÁX (IN)	E (IN)	M (IN)
Référence								
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

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

SUBTITLE

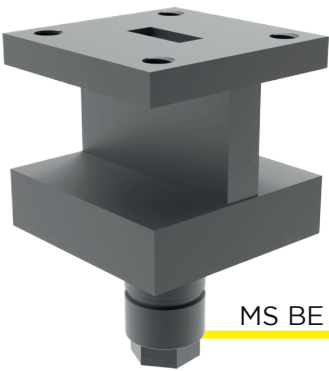
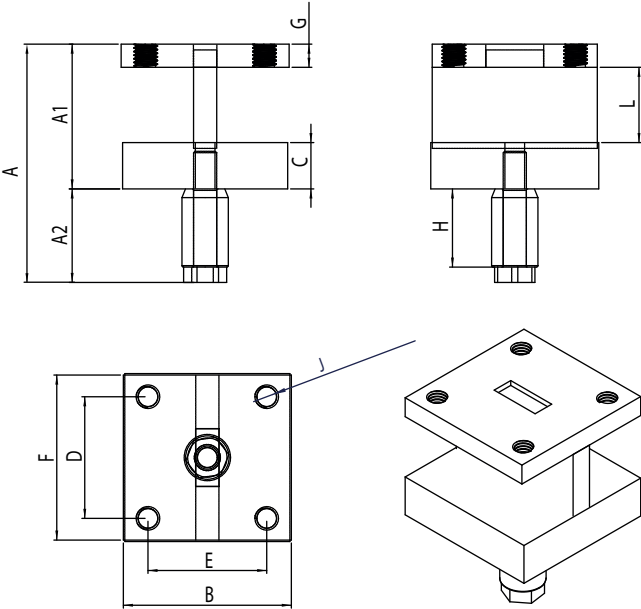
Hex Head Fully - Threaded
Hex Head - Flanged Washers
Hex Head Bolt Retainer
Flap - Tip Bonded Neoprene Cap
Flap - Tip Bonded Neoprene Cap - Flanged Washers
Flap - Tip Bonded Neoprene Cap - Bolt Retainer
Rubber cone spindle with nut
Rubber cone spindle with washer
Flat - Tip Bonded Neoprene Cap - Ring
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

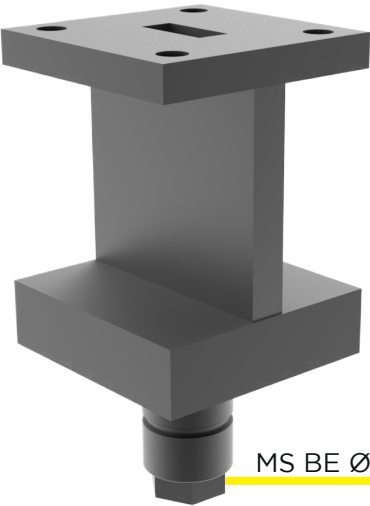
Vis hexagonale avec écrou
Vis hexagonale avec plaques de fixation
Vis hexagonale avec douille
Vis avec pièce en néoprène et écrou
Vis avec partie en néoprène et plaques de fixation
Vis avec douille en néoprène
Vis avec pièce en néoprène et écrou, conique
Vis avec pièce en néoprène et plaques de serrage, 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

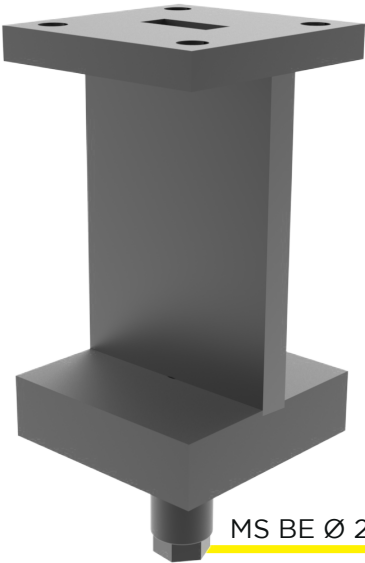
BASES ÉLEVÉES



MS BE Ø 22 H50 - KF-532/528



MS BE Ø 22 H75 - KF-532/528



MS BE Ø 22 H100 - KF-532/528

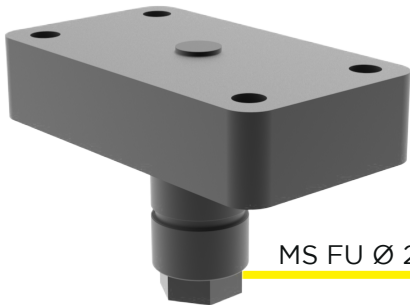
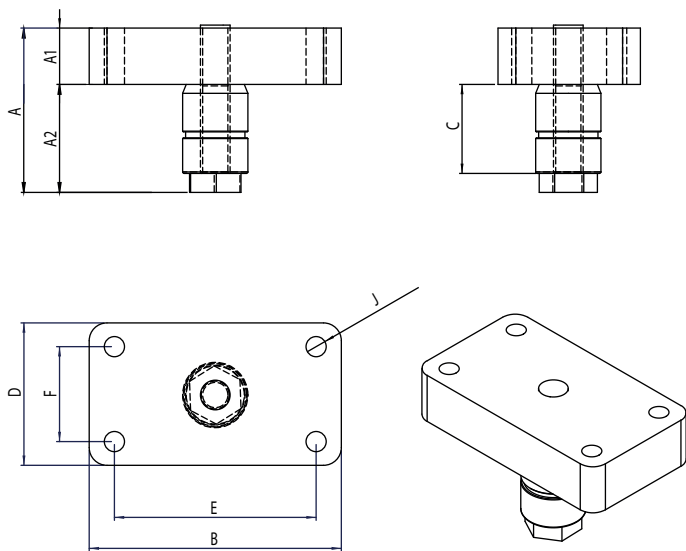
MS - Welding table
BE - Elevated base
H - Height

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

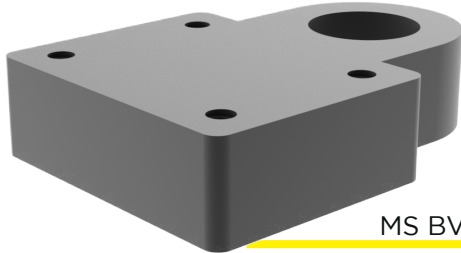
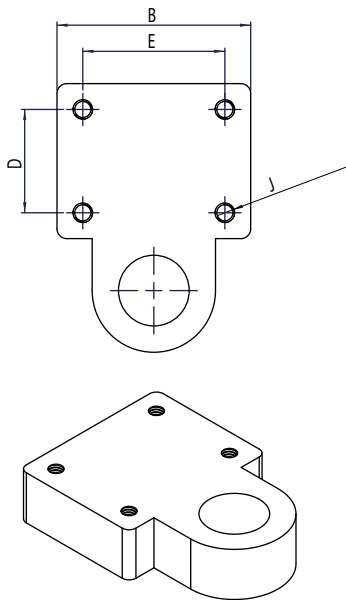
MS - Welding table
FU - Variable Stroke

MS - Table de soudage
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 VERTICAL



MS BV Ø 22 - KF-011

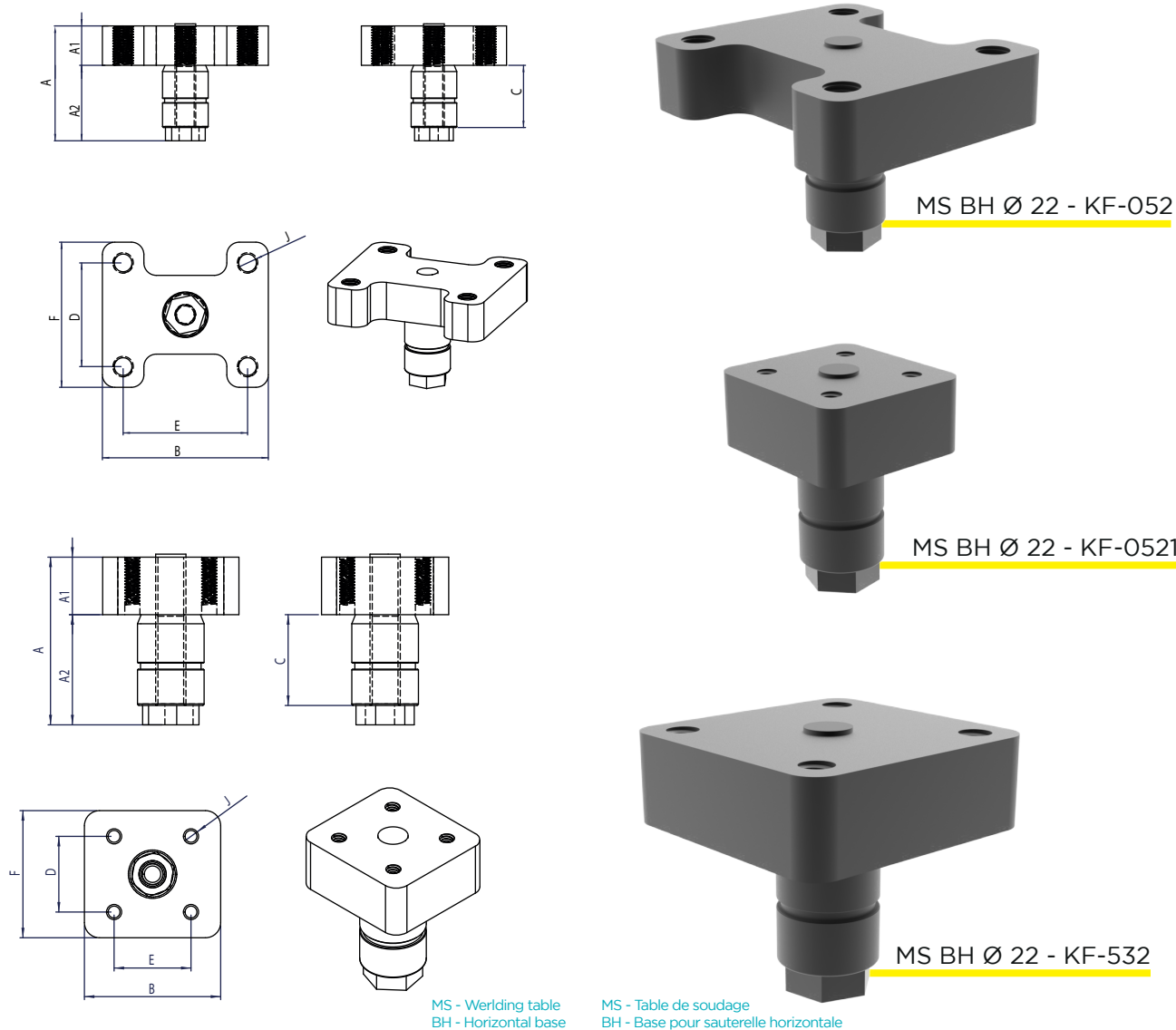
MS - Welding table
BV - Vertical base

MS - Table de soudage
BV - Base pour sauterelle verticale

REFERENCE	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	J (IN)	WEIGHT KG (LB)
Référence							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

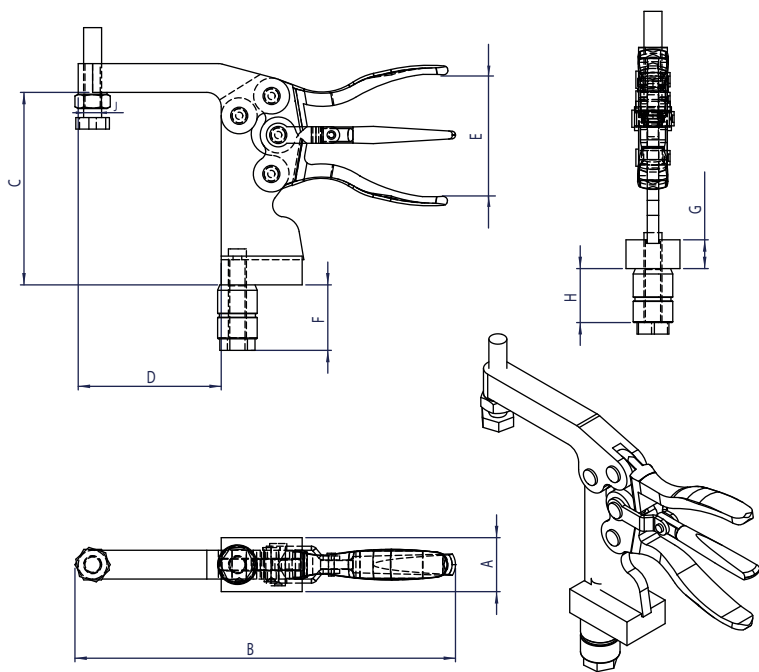
BASES HORIZONTALE



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 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



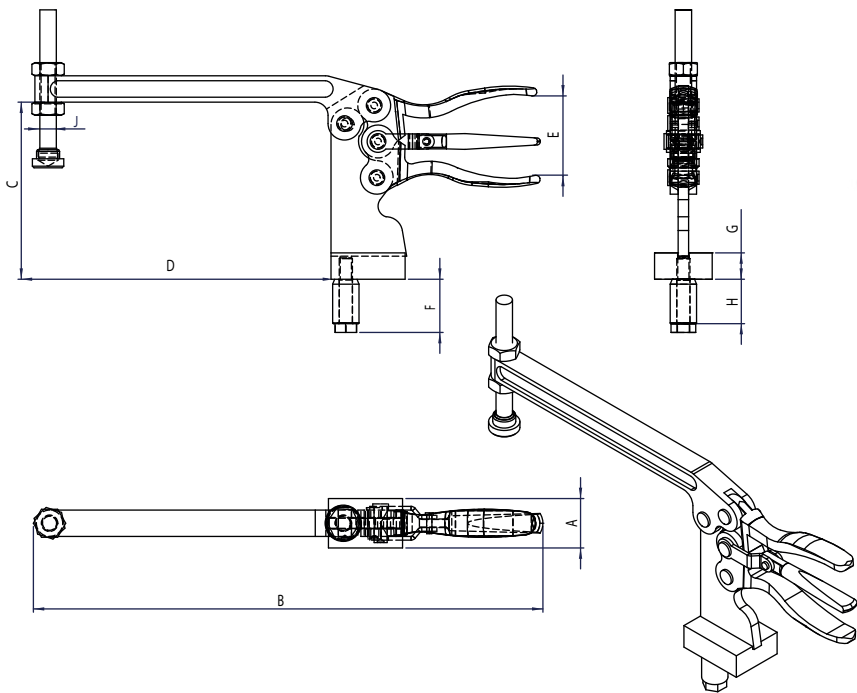
KFA-200 MS Ø 22



MS - Welding table

MS - Table de soudage

REFERENCE Référence	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (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)



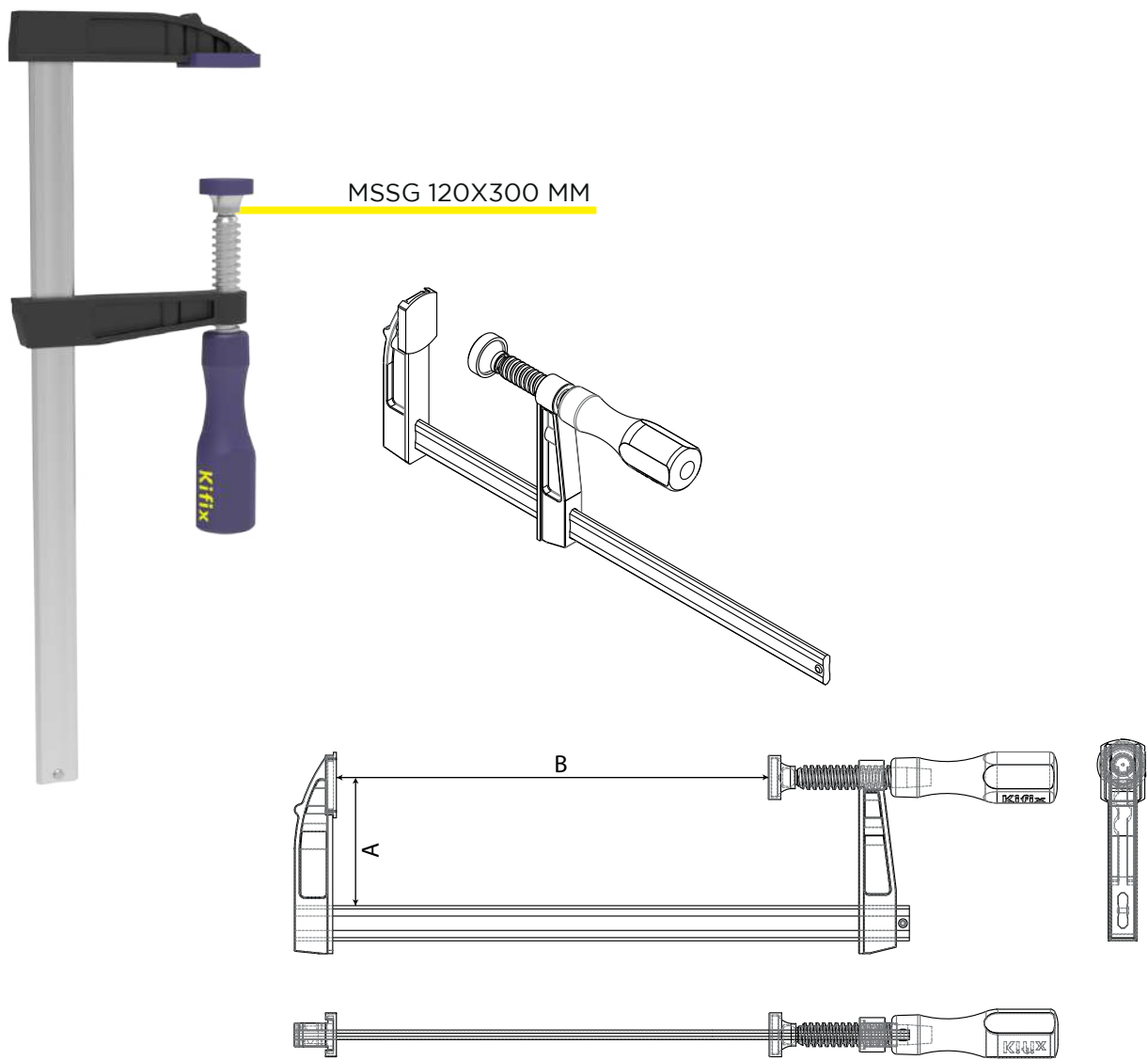
KFA-200 L MS Ø 22



MS - Welding table
L- Long U-Bar

MS - Table de soudage
L- Barre en U longue

REFERENCE Référence	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	G (IN)	H (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)



MSSG 120X300 MM

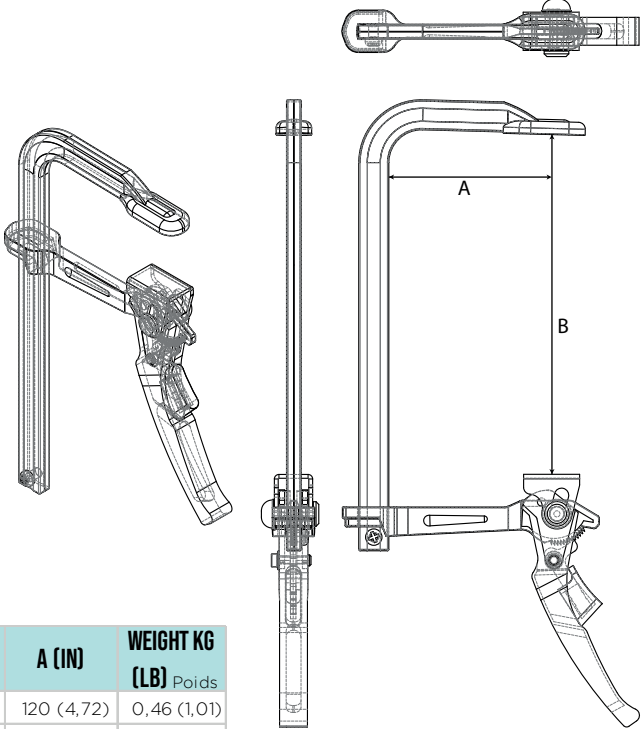
MS - Welding table
SG - Carver Clamp

MS - Table de soudage
SG - Serre joint carver

REFERENCE	RETENTION FORCE KGF (LBF)	A (IN)	B (IN)	WEIGHT KG
Référence	Force de rétention Kgf (lbf)			(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

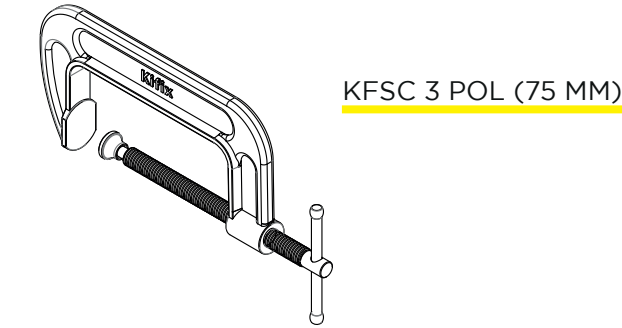


SR - Carver fast
SR - Pince carver rapide

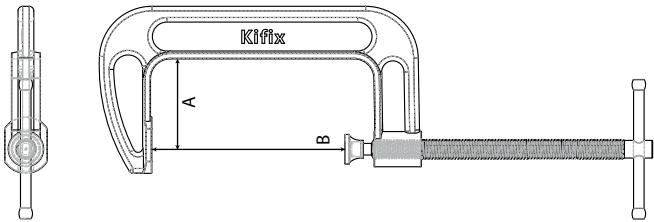
REFERENCE Référence	RETENTION FORCE KGf (LBF) Force de rétention Kgf (lbf)	B (IN)	A (IN)	WEIGHT KG (LB) Poids
KFSR 60X120 MM	1600	60 (2,36)	120 (4,72)	0,46 (1,01)
KFSR 80X160 MM	1600	80 (3,14)	160 (6,29)	0,57 (1,25)
KFSR 100X200 MM	2100	100 (3,93)	200 (7,87)	1,18 (2,60)
KFSR 100X250 MM	2100	100 (3,93)	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)	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)

More than 15 years of experience in the market Plus de 15 ans d'expérience sur le marché

• RAW MATERIAL MATIÈRE PREMIÈRE

We make cuts in carbon up to 25.4mm and stainless steel up to 12mm. Special materials are cut upon request. We also have a diversified stock of raw materials, speeding delivery according to customer needs.

Nous réalisons des coupes dans le carbone jusqu'à 25,4 mm et dans l'acier inoxydable jusqu'à 12 mm. Les matériaux spéciaux sont découpés sur demande. Nous disposons également d'un stock diversifié de matières premières, ce qui permet d'accélérer la livraison en fonction des besoins du client.

SERVICE COMPLET FULL SERVICE •

In addition to cutting, we offer bending and painting, we deliver the complete set to you!

En plus de la découpe, nous proposons le pliage et la peinture, et nous vous livrons l'ensemble complet !

• CUTTING-EDGE MACHINES MACHINES DE POINTE

We have two high-performance Trumpf 1030 machines, one of the best on the market. Benefit from our service, contact us to cut your pieces.

Nous disposons de deux machines Trumpf 1030 performantes, parmi les meilleures du marché. Profitez de notre service, contactez-nous pour découper vos pièces.





WE ALSO HAVE
stainless
steel clamps &
toggle-lock clamps

Nous fabriquons aussi
des sauterelles en acier
inoxidable



Kifix
CLAMPING SOLUTIONS
PRENSAS RAPIDAS



CLAMPS APPLICATIONS UTILISATION DES SAUTERELLES

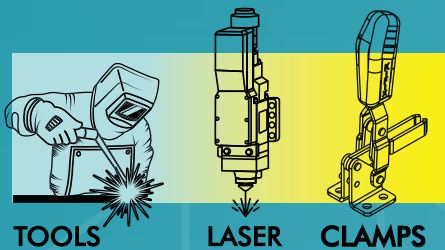
TOGGLE CLAMP
CLAMPING FAST
ROBUSTNESS
AGILITY

SAUTERELLES

SERRAGE RAPIDE

ROBUSTESSE

AGILITÉ



Kifix[®]
G R O U P
G R O U P E



ACCESS / ACCÈS :



STENGER PRO

Phone / Téléphone: +33 3 29 29 14 24

Mail: contact@stengerpro.com

285 Rue des Anciens d'Afn, 88220 Uriménil