

QUALITY HAND TOOLS

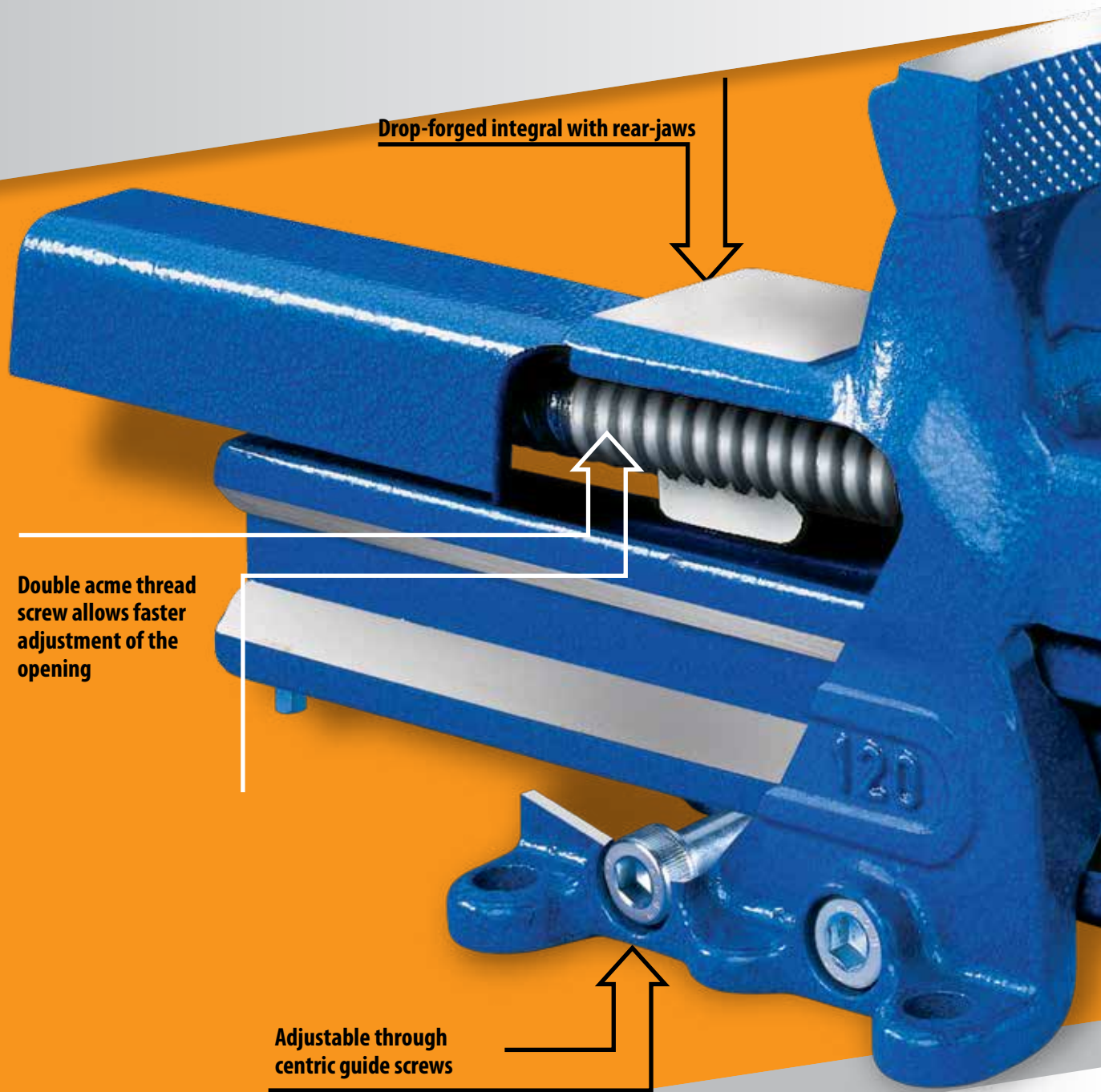


KANCA
DESIGN • FORGE • SAFETY

www.kancaforging.com



ALL DROP-FORGED FROM STEEL



ISO 14001



ISO TS 16949



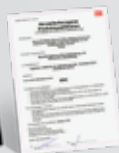
ISO 9001



TUV



Q1



HPQ RAILWAY



MARINE CERTIFICATES



Surface hardened jaws
(52-58 HRC) along with
forged fixed pipe jaws

Spindle lever with
plastic ring,
exchangeable

Strong clamping power
and safety bearing for an
increased precision guide



A black and white photograph of two blacksmiths in a traditional forge. On the left, a blacksmith wearing a cap and apron uses tongs to handle a glowing piece of metal in a furnace. On the right, another blacksmith, also in a cap and apron, holds a large hammer, ready to strike. The forge is a large, dark structure with a bright fire inside. The background shows a window with vertical bars, suggesting an industrial or workshop setting.



HISTORY

KANCA began its production of hand tools in the early 1960s as a family owned company with a workforce of 20. A short time later, as the quality of the products was well accepted by the market, the range expanded to cover a very extensive spectrum of hand tools.

A new plant of 15.000 m² was constructed and began operation in 1974 where the expanded and modernized forging line made it also possible to supply high quality forged parts to the industry.

Since the beginning of the 1980s the demand from the automotive industry has lead the way to further increase the capacity in the forged parts production and supply higher quality parts to local OEMs as Fiat, Mercedes, Iveco, Ford and Renault.

During the 1990s, KANCA has become a reliable partner and indispensable source of supply to dozens of customers in the passenger, commercial and agricultural vehicles, defense, and construction industries. Nowadays, even customers like VW and the ZF group have come to rely upon the renowned quality of KANCA.

Having all the necessary facilities such as part and tool design, production, forging, heat treatment and machining under the same roof has proven KANCA to be a single point of supply.

On top of a capacity of 40.000 tons/year or 15.000.000 parts/year drop forging and machining. For both automotive and hand tools parts, we can now offer an even wider range of products.

KANCA began its production of hand tools in the In 2004, finishing the construction of a brand new 55,000 m² forging plant of that 25.000 m² closed, Kanca moved to a new location, where it is now ready to supply additional capacity including presses and further possibilities.

Being the only forging company that has succeeded such a big investment in the region in the past years, Kanca shows its intention of long term reliability to its customers demanding forgings.

Through modern Q-A techniques and the certifications according to

DIN EN ISO 9001:2015, ISO 14001:2015 and ISO 16949:IATF Kanca ensures improved service and increased attention to the customers exact requirements. Over 50% of the forging parts are now exported, predominantly to EU countries.



OUR BRANDS; KANCA, PRIMO, K2, KADETT, KANEX, ANVILLO, DRILLO

PRIMO

6-7

Vise
Swivel Base



FORTISSIMO 8-9

Vise
Swivel Base



K2

10

Vise
Swivel Base



kadett

11

Vise
Swivel Base



Universal Elevator

15



LIFT-MOBIL

16

Lifting and Fold-Away Device



Clamping Screw

16



DRILLO

17

Swivel Drill Vises



Drop-Forged Anvils

20



Fold-Out Pipe Vise

21

Portable Workstand



Concrete Iron Bar
Benders

22



Bar Bender

22



Bar Bender With Handle



Angle, Iron and
Metal Shear

25



Iron and Metal Shear

25



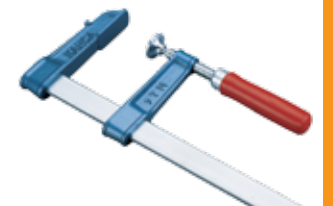
Concrete Iron Shear

25



Carpenter's Silding
Clamp

26



Bench Clamp

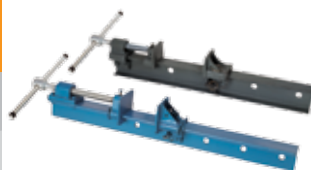
28



T-Clamp

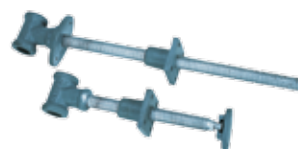
29

Steel Bar Sash Clamp



Carpender's Bench
Schrews

29



Professional Adze

30



CONTENTS

kanex

Vise
Swivel Base

12



CASTILLO

Casting Vise

13



anvillo

Anvil & Vise

14



VARIANT
Elevator

15



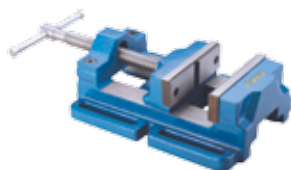
Drill Press Vises

18



Quick Drill Vises

18



Finemechanic's Vises

19



Shank Vises

20



Bolt Cutter

23



Metal Shears

24



Long Blade Shears

24



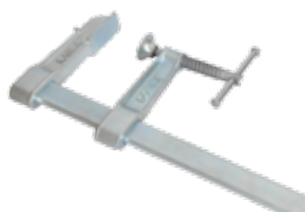
Iron and Metal Shear

24



Drop Forged Clamp

26



Light Clamp

27



Heavy Duty Clamp

Quick Clamp

27



Forged C-Clamp

28

C-Clamp (Cast)



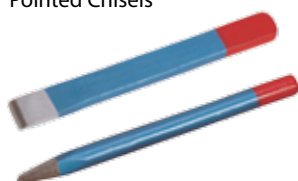
Adze

30



Cold Chisels

30



Pointed Chisels

Machinist Hammers

31



Shelf

32

- with large anvil
- with smooth jaw width
- with increased clamping volume



Parallel

Parallel-Vise

All-steel, drop forged (CF45 Steel). With extra large anvil and higher jaws for an increased clamping volume.

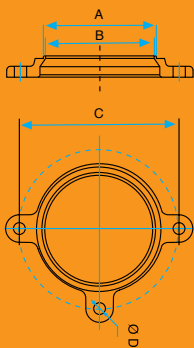
Jaws and anvil induction hardened (HRC 52-58). Adjustable jaw alignment system guarantees precision clamping. All Vises are equipped with fixtures for removable snap-on pipe jaws for various applications.



Removable snap-on pipe:

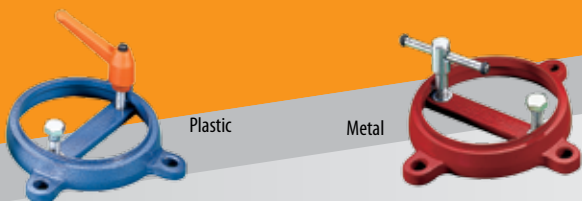
Drop forged and hardened (HRC 48-50), 3 point clamping over the full jaw width.

Swivel Base



Swivel Base:

Drop forged, infinitely variable rotation between 0° and 360°. Position lockable by special bolt- screw arm. Suitable also for other brands.



Plastic Part #	Size (inch)	A	B	C	D Ø	lbs.	Metal Part #
PRMSP-100	4"	4"	4"	6"	.45"	1.7	PRMSR-100
PRMSP-120	4.5"	5"	5"	7"	.5"	2.8	PRMSR-120
PRMSP-140	5.5"	6.5"	6"	8.5"	.5"	4	PRMSR-140
PRMSP-160	6"	6.5"	6"	8.5"	.5"	4	PRMSR-160
PRMSP-180	7"	6.5"	6"	8.5"	.5"	4	PRMSR-180

Part #	Size (inch)	
PRMJ-100	4"	1
PRMJ-120	4.5"	1
PRMJ-140	5.5"	1
PRMJ-160	6"	1
PRMJ-180	7"	1



Plastic Jaw Cap:

For protective clamping delicate workpieces. 2 pieces are necessary.

Part #	Size (inch)	
PRMJP-120	4.5"	1
PRMJP-140	5.5"	1
PRMJP-160	6"	1
PRMJP-180	7"	1



Installation

Plumber's Vise

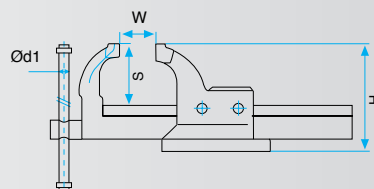
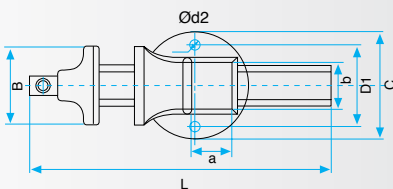
Parallel Vise with 2 welded jaws for clamping pipes guarantees precision parallel clamping. Available with jaw widths from 100 mm to 180 mm. (Other technical details like Parallel-Vise).



Primo Vise	Part #	PRM-100	PRM-120	PRM-140	PRM-160	PRM-180
Size		4"	4.5"	5.5"	6"	7"
Jaw Width	B	4"	4.5"	5.5"	6"	7"
Jaw Opening	W	4.5"	6"	7.5"	8.5"	8.5"
Length	L	13"	15"	18"	22"	22"
Anvil Size	axb	2.5 x 2"	2.8 x 2.7"	3.5 x 3"	4.5 x 4"	4.5 x 4"
Base Diameter	C	4.5"	6"	7"	7"	7"
Hole Distance	D1	3.5"	4"	5.5"	5.5"	5.5"
Hole Diameter	d2	.45"	.5"	.6"	.6"	.6"
Screwhandle	d1	.5"	.5"	.6"	.7"	.7"
Jaw Depth	S	2.5"	3"	3.5"	4.5"	4.5"
Vise Height	H	4.5"	6"	7"	8"	8"
Weight	lbs.	12	21	37	55	55
1 / Clamps pipes from/to *1	inch		1/4 -4"	1/4 -5"	1/4 -6"	1/4 -6"

FIX Vise	Part #	PRMPL-100	PRMPL-120	PRMPL-140	PRMPL-160	PRMPL-180
Clamps from *2	inch	3/8"	3/8"	3/8"	3/8"	3/8"
Clamps to *2	inch	1 1/4"	1 1/2"	2 1/2"	3"	3"

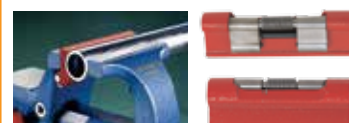
*1) If pipe jaws required *2) Fixed jaws



Parallel

Parallel-Vise

All-steel, drop forged (CF45 Steel). Jaws and anvil induction hardened (HRC 52-58). Adjustable jaw alignment system guarantees precision clamping. Sliding guides are protected against contamination. All Vises are equipped with fixtures for removable snap-on pipe jaws for various applications.



Removable snap-on pipe:

Drop forged and hardened (HRC 48-50), 3 point clamping over the full jaw width.

Part #	Size (inch)	
FRTJ-115	4.5"	1
FRTJ-125	5"	1
FRTJ-135	5.5"	1
FRTJ-150	6"	1
FRTJ-175	7"	1



Plastic Jaw Cap:

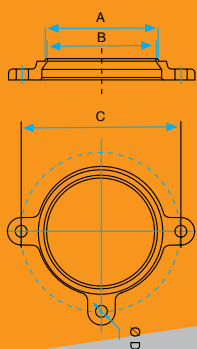
For protective clamping delicate workpieces. 2 pieces are necessary.

Part #	Size (inch)	
FRTJP-115	4.5"	1
FRTJP-125	5"	1
FRTJP-135	5.5"	1
FRTJP-150	6"	1
FRTJP-175	7"	1

Swivel Base

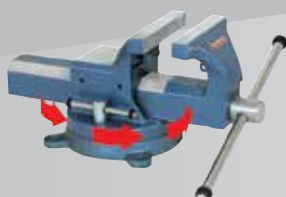
Swivel Base:

Drop forged, infinitely variable rotation between 0° and 360°. Position lockable by special bolt- screw arm. Suitable also for other brands.



Plastic

Metal



Plastic Part #	Size (inch)	A	B	C	D Ø	lbs.	Metal Part #
FRTSP-100	4"	4"	4"	6"	.45"	1.7	FRTS-100
FRTSP-115	4.5"	4.5"	4.5"	6"	.5"	2.2	FRTS-115
FRTSP-125	5"	5"	5"	7"	.5"	2.8	FRTS-125
FRTSP-135	5.5"	5.5"	5.5"	7.5"	.6"	3	FRTS-135
FRTSP-150	6"	6"	6"	8.5"	.6"	4.4	FRTS-150
FRTSP-175	7"	7"	7"	9.5"	.65"	5.7	FRTS-175
FRTSP-200	8"	7"	7"	9.5"	.65"	5.7	FRTS-200



Installation

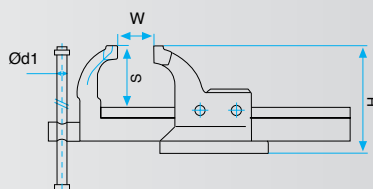
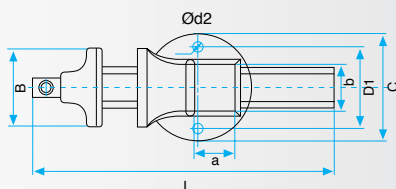
Plumber's Vise

Parallel Vise with 2 welded jaws for clamping pipes.
Guarantees precision parallel clamping.
Available with jaw widths from 4" to 8".
(Other technical details like Parallel-Vise).

Vise			FRT-100	FRT-115	FRT-125	FRT-135	FRT-150	FRT-175	FRT-200
Size			4"	4.5"	5"	5.5"	6"	7"	8"
Jaw Width	B	(inch)	4"	4.5"	5"	5.5"	6"	7"	8"
Jaw Opening (max.)	W	(inch)	5"	5.5"	6"	6.5"	7"	8"	8"
Total Length	L	(inch)	12"	14"	15"	16.5"	18.5"	20"	20"
Anvil Size	axb	(inch)	1 x 2"	1.5 x 2"	1.5 x 2.5"	2 x 2.5"	2.5 x 3"	2.5 x 3.5"	2.5 x 3.5"
Base Diameter	C	(inch)	4.5"	5"	6"	6"	7"	8"	8"
Hole Distance	D1	(inch)	3.5"	4"	4"	4.5"	5"	6.5"	6.5"
Hole Diameter	d2	(inch)	.45"	.5"	.5"	.6"	.64"	.65"	.65"
Screwhandle	d1	(inch)	.5"	.5"	.5"	.5"	.5"	.65"	.65"
Jaw Depth	S	(inch)	2"	2.5"	2.5"	3"	3.5"	4"	4"
Vise height	H	(inch)	4.5"	5.5"	5"	6.5"	7"	7.5"	7.5"
Weight	lbs.		11.4	17	20.5	30.8	40.7	55	57
Clamps pipes from/to *1	Zoll	(inch)	-	1/4 - 3"	1/4 - 3"	1/4 - 4"	1/4 - 5"	1/4 - 6"	1/4 - 6"
FIX Vise			FRTPL-100	FRTPL-115	FRTPL-125	FRTPL-135	FRTPL-150	FRTPL-175	FRTPL-200
Clamps from *2	Zoll	(inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Clamps to *2	Zoll	(inch)	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2 1/2"	3"	3"

*1) If pipe jaws required (surcharge)

*2) Fixed jaws



High quality Vise made from drop forged steel and surface-hardened for **long life**. The **double acme thread screw** allows faster adjustment of the jaw opening and is enclosed to keep dirt and debris out of the mechanism. K2 Vises are available with jaw widths from 4" to 7".

Solid Body: Drop-forged from high quality steel. Drop forged. Induction hardened. Solid with the body. Ideal for straightening or similar jobs requiring strong and flat surface. **Unbreakable.**



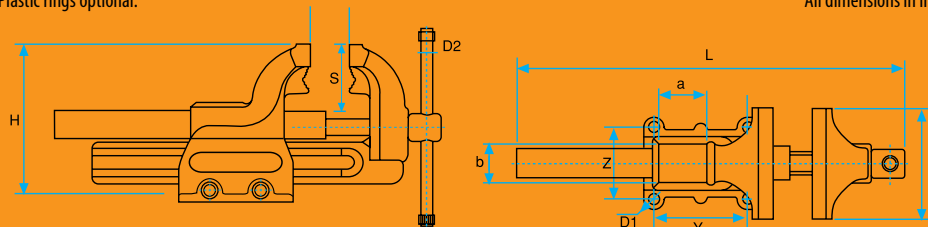
Designed with acme thread screw



K2 Vise			K2-100	K2-120	K2-140	K2-160	K2-180
Size			4"	4.5"	5.5"	6"	7"
Jaw Width	B	(inch)	4"	4.5"	5.5"	6"	7"
Jaw Opening	W	(inch)	4.5"	4.5"	7.5"	8.5"	8.5"
Jaw Depth	S	(inch)	2"	2.5"	3"	4"	4"
Vise height	H	(inch)	5"	6.5"	7.5"	9"	9"
Anvil Size	axb	(inch)	1 x 1.5"	1.88 x 1.65"	2.2 x 2.1"	2.7 x 2.2"	2.7 x 2.2"
Screw handle	D2	(inch)	.5"	.5"	.6"	.7"	.7"
Hole Diameter	D1	(inch)	.35"	.5"	.5"	.55"	.55"
Total Length	L	(inch)	16.5"	20.5"	26"	30"	30"
Weight	lbs.		11	20	35.2	57.3	57.3
Hole Distance	YxZ	(inch)	2.5 x 2"	3.5 x 3"	4.5 x 3.5"	5 x 4.5"	5 x 4.5"
Clamps pipes from / to		(inch)	ø16-ø40	ø16-ø58	ø18-ø80	ø18-ø98	ø18-ø98

Plastic rings optional.

All dimensions in inch



Jaws:

Solid with drop forged body. Ground and CNC- machined for perfect grip. Induction hardened for endurance and added strength. Pipe jaws forged integral with the body, standard in all sizes. Ideal for plumbers and other professions where pipe and tube work is also part of the day.

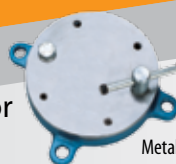
Swivel Base

Swivel Base:

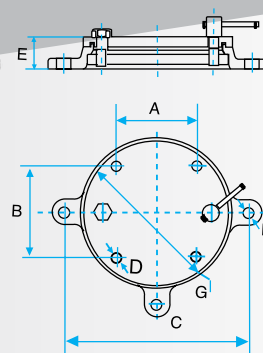
Drop forged, infinitely variable rotation between 0° and 360°. Position lockable by special bolt- screw arm. Suitable also for other brands.



Plastic



Metal



Plastic Part #	Size (inch)	A	B	C	D	E	F	G	lbs	Metal Part #
K2SP-100	4"	2"	2.5"	6"	M8	1"	4"	.45"	3.7	K2S-100
K2SP-120	4.5"	2.5"	3.5"	7"	M10	1.2"	6"	.53"	5.9	K2S-120
K2SP-140	5.5"	3.5"	4.5"	8.5"	M10	1.1"	7"	.5"	7.3	K2S-140
K2SP-160	6"	4.5"	5"	9.5"	M12	1.5"	8"	.6"	13	K2S-160
K2SP-180	7"	4.5"	5"	9.5"	M12	1.5"	8"	.6"	13	K2S-180



Parallel-Vise

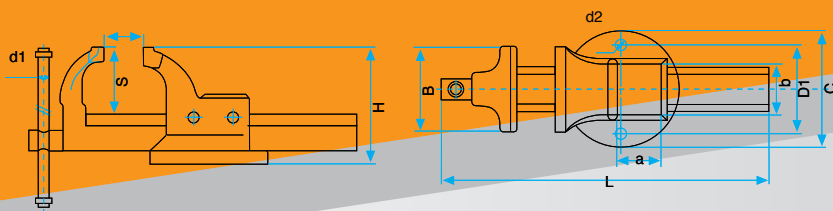
All-steel, drop forged (CF45 Steel). Jaws and anvil induction hardened (HRC 52-58). Adjustable jaw alignment system guarantees precision clamping.



Installation

Plumber's Vise: Two welded jaws for pipe-clamping are available in all dimensions.

Vise				KAD-115	KAD-125	KAD-135	KAD-150	KAD-175	KAD-200
Size			4"	4.5"	5"	5.5"	6"	7"	8"
Jaw Width	B	(inch)	4"	4.5"	5"	5.5"	6"	7"	8"
Jaw Opening (max.)	W	(inch)	4.5"	5.5"	6"	6.5"	7"	8"	8"
Total Length	L	(inch)	12"	14"	15"	16.5"	18.5"	20"	20"
Anvil Size	axb	(inch)	1 x 2"	1.5 x 2"	1.5 x 2.5"	2 x 2.5"	2.5 x 3"	2.5 x 3.5"	2.5 x 3.5"
Base Diameter	C	(inch)	4.5"	5"	5.5"	6"	7"	8"	8"
Hole Distance	D1	(inch)	3.5"	4"	4"	4.5"	5"	6.5"	6.5"
Hole Diameter	d2	(inch)	.45"	.5"	.5"	.6"	.64"	.68"	.68"
Screwhandle	d1	(inch)	.5"	.5"	.5"	.5"	.5"	.7"	.7"
Jaw Depth	S	(inch)	2.5"	2.5"	2.5"	3"	3.5"	4"	4"
Vise height	H	(inch)	4.5"	5"	5.5"	6.5"	7"	7.5"	7.5"
Weight	lbs.		11	17	20.5	30.8	40.8	55	57
Clamps pipes from/to *1	Zoll	(inch)	-	1/4 -3"	1/4 -3"	1/4 -4"	1/4 -5"	1/4 -6"	1/4 -6"
FIX Vise			KADPL-105	KADPL-115	KADPL-125	KADPL-135	KADPL-150	KADPL-175	KADPL-200
Clamps from *2	Zoll	(inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Clamps to *2	Zoll	(inch)	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2 1/2"	3"	3"

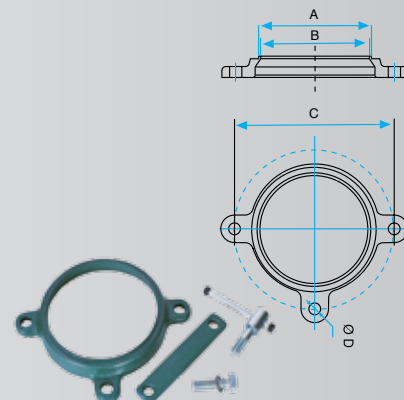


Swivel Base

Swivel Base: Drop forged, infinitely variable rotation between 0° and 360°. Position lockable by special bolt- screw arm. Suitable also for other brands.



Part #	Size (inch)	A	B	C	Ø	lbs.
KADS-100	4"	4"	4"	6"	.45"	1.7
KADS-115	4.5"	4.5"	4.5"	6"	.5"	2.2
KADS-125	5"	5"	5"	7"	.5"	2.8
KADS-135	5.5"	5.5"	5"	7.5"	.6"	3
KADS-150	6"	6"	6"	8.5"	.6"	4.4
KADS-175	7"	7"	7"	9.5"	.65"	5.7



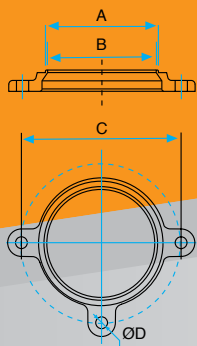
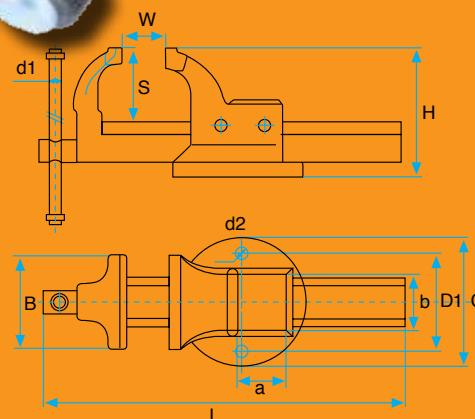
Economical Version

Parallel-Vise

All-steel, drop forged (CF45 Steel).
Jaws induction hardened (HRC 52-58).



	Part #		KAN-125	KAN-150
Size			5"	6"
Jaw Width	B	inch	5"	6"
Jaw Opening	W	inch	6"	7"
Length	L	inch	13"	16.5"
Anvil Size	axb	inch	1.5 x 2.5"	2 x 2.95"
Base Diameter	C	inch	5.5"	6.5"
Hole Diameter	D1	inch	4"	5"
Hole Distance	d2	inch	.5"	.6"
Screwhandle	d1	inch	.5"	.5"
Jaw Depth	S	inch	2.7"	3.6"
Vise Height	H	inch	5"	6.5"
Weight	lbs		19	37



Swivel Base

Swivel Base:

Drop forged, infinitely variable rotation between 0° and 360°. Position lockable by special bolt-screw arm. Suitable also for other brands.

Part #	Size (inch)	A	B	C	Ø	lbs.
KANS-125	5"	4"	4"	6"	.45"	1.7
KANS-150	6"	5"	5"	7"	.5"	2.8

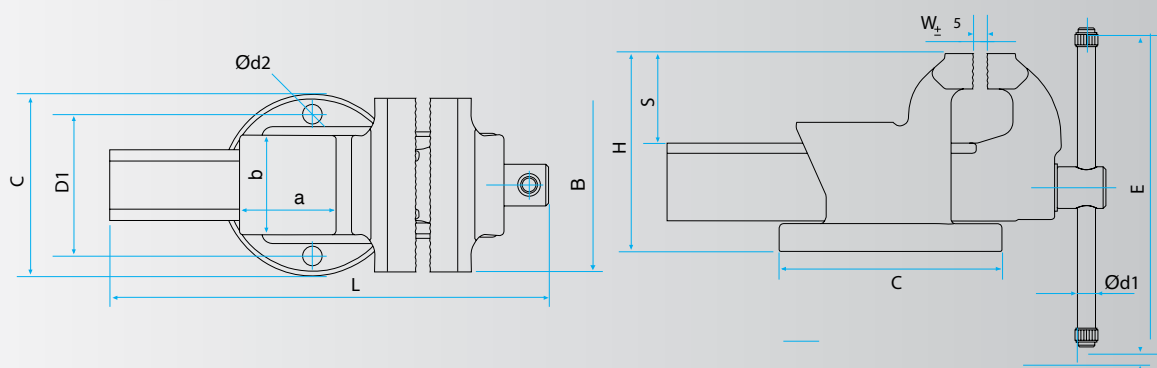


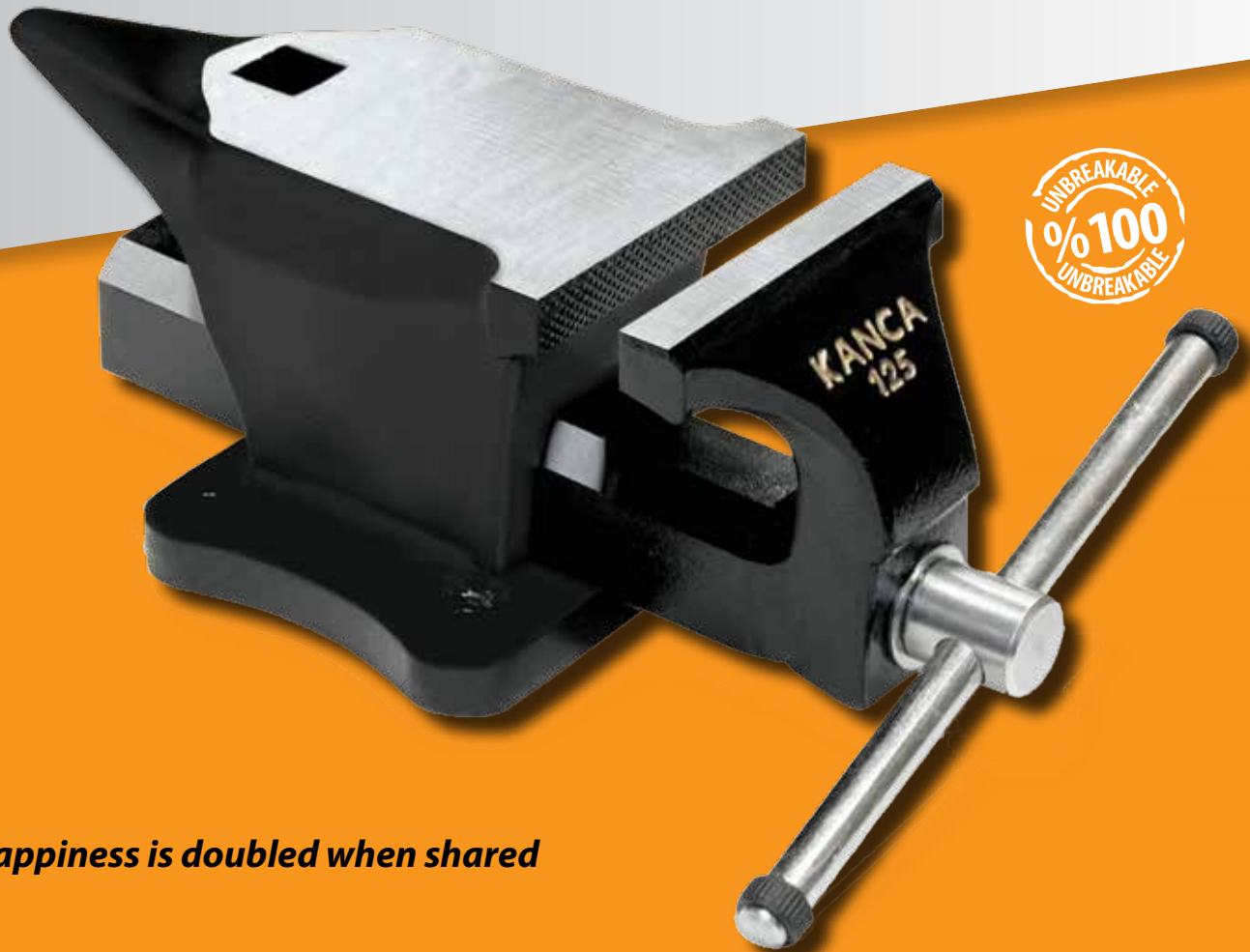
- 1 Material made of impact resistant Ductile iron (high tensile strength)
- 2 Jaws and Anvil induction hardened
- 3 More Anvil area
- 4 Replaceable Nut made of forged steel
- 5 Extra large span

NEW

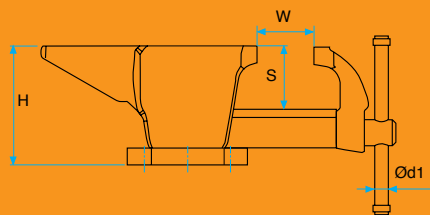
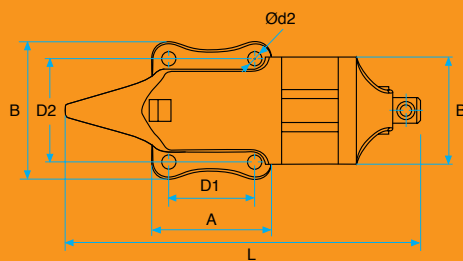


Size		CAS-100	CAS-125	CAS-150	CAS-200
Jaw With	B (inch)	4"	5"	6"	7"
Jaw Opening	W (inch)	5"	6"	6.5"	8"
Total Length	L (inch)	12"	13"	15"	16"
Anvil Size	axb (inch)	2 x 2.5"	2 x 2.5"	3.7 x 3.5"	3.7 x 3.5"
Base Diameter	C (inch)	3.5"	4"	5"	5.5"
Distance	D1 (inch)	.5"	.5"	.6"	.6"
Hole Diameter	Ød2 (inch)	.5"	.5"	.6"	.6"
Screwhandle	Ød1 (inch)	7"	9"	10.6"	9"
Jaw Depth	S (inch)	2"	2"	2.5"	2.5"
Vise Height	H (inch)	5"	5.5"	6.5"	7"
Weight	lbs.	15	20	35	48





Happiness is doubled when shared



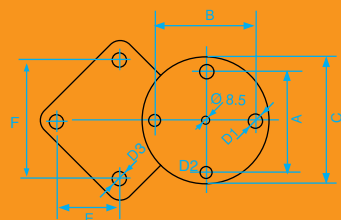
Part #		ANV-125	
Jaw Width	B	inch	5"
Jaw Opening	W	inch	3.5"
Jaw Depth	S	inch	2.5"
Height	H	inch	5"
Length	L	inch	17.5"
Hole Distance	D1* D2	inch	3.9*4.3"
Screwhandle	d1	inch	.5"
Hole Diameter	d2	inch	.5"
Table size	A* B	inch	5.5*6"
Weight		lbs.	37



VARIANT Elevator

Fits FORTISSIMO, PRIMO, K2, KADETT Vises.

Automatic lifting deVise serves to set the Vise to the correct working height.



KANCA	KADETT	Size (inch)	PRIMO	K2		A	Ø D2	B	Ø D1	E	F	Ø D3	C	lbs.
FAL - 100	KAL - 100	3.5-4.5"	PAL-100	K2AL - 100	4"	3.5"	.4"	4"	.5"	2.5"	5"	.45"	5"	19
FAL - 115	KAL -115													
FAL - 125	KAL -125	4.5-5"	PAL-120	K2AL - 120	4.5"	4"	.5"	4.5"	.55"	2.5"	5"	.45"	6"	20
FAL - 135	KAL -135													
FAL - 150	KAL -150	6"	PAL-140*	K2AL - 140*	5.5"	5"	.5"	5.5"	.55"	2.5"	5"	.45"	7"	20.7
			PAL-160*	K2AL - 160*	6"									
			PAL-180		7"									

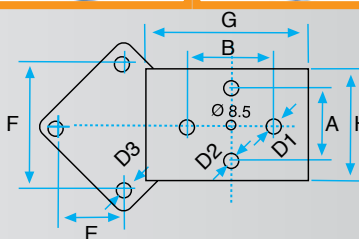
*B, D1 Masse/Dimensions B, D1

VARIANT Universal-Elevator

Work can be a pleasure!

- Solid steel construction, easy and secure to handle.
- Quick and easy mount to workbench.
- Easily adjustable with the help of gas pressure spring.
- Swivelling 360° and fastening to any position.
- Set height from 0-240 mm.
- Fits with all Vise makes and Vise sizes.
- Ergonomical features.

Use: for the centimeter-exact adaptation of the Vise to the ideal working height (particularly important in schools and workshops for apprentices).



KANCA	Size (inch)	A	Ø D2	B	Ø D1	E	F	Ø D3	G	H	lbs.	lbs.
VE - 100	3.5-4.5"	3.5"	.4"	4"	.5"						24	39
VE - 115*												
VE - 125	4.5-5"	4"	.5"	4.5"	.55"	2"	5"	.45"	11"	8"	26	48
VE - 135*												
VE - 150	5.5"	5"	.5"	5.5"	.55"						27	55

* B, D1 Masse/Dimensions

LIFT-MOBIL

Indispensable for any workbench

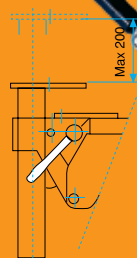
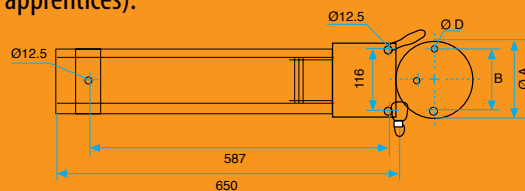
Perfect quality for workshops and plants.

With LIFT-MOBIL the Vise can be easily set to the most comfortable working height and folded away under workbench to leave the bench top free for other work.



Lifting and fold-away device

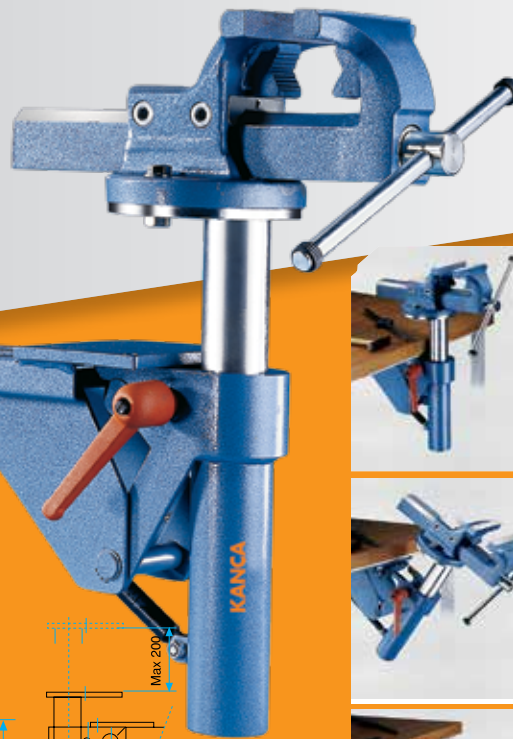
Use: for the centimeter-exact adaptation of the Vise to the ideal working height (particularly important in schools and workshops for apprentices).



KANCA	PRIMO	K2	Size (inch)	A	B	Ø D	lbs.
FRTLm-100	PRMLM-100	K2LM-100	4"	4"	3.5"	M 10	30
FRTLm-115			4.5"	5"	4"	M 12	30.8
	PRMLM-120	K2LM-120	4.5"	5.5"	4.4"	M 12	31
FRTLm-125			5"	5.5"	4.4"	M 12	31

*B, D1

Fits K2, PRIMO, FORTISSIMO, KADETT Vises.



After loosening the left safety clamping lever the Vise can be easily adjusted into the desired working position.



At non usage the Vise can be lowered by the right safety clamping lever under the workbench.



Effortlessly the Vise is then shifted under the workbench.



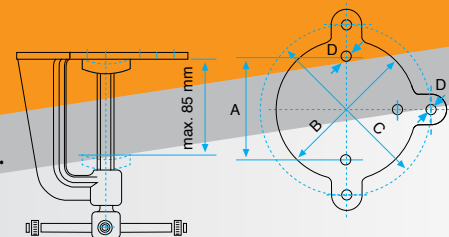
In a few seconds the bench top gets free in full size for other works.

Clamping Screw

Fits PRIMO, FORTISSIMO, KADETT Vises.



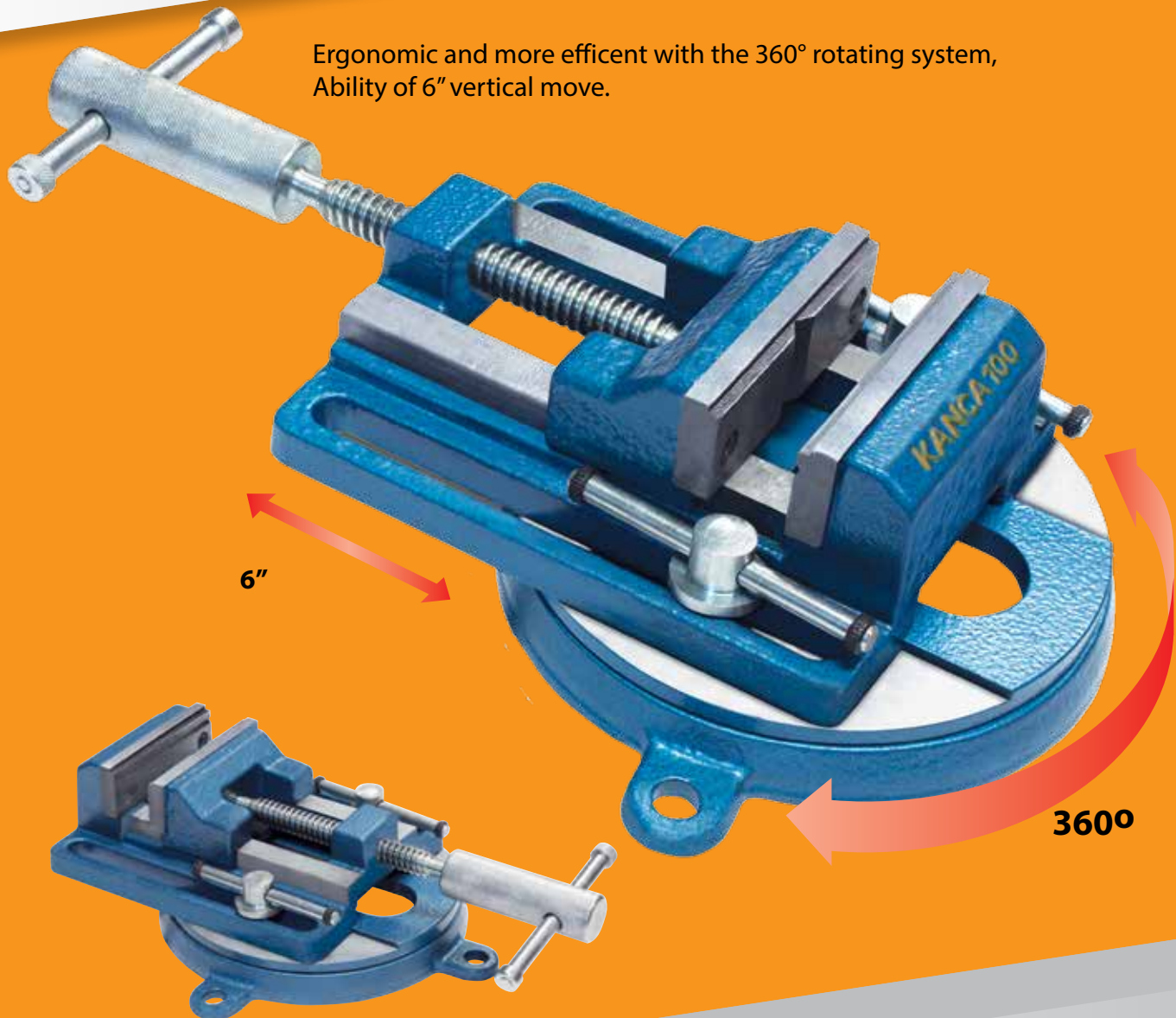
Clamping screw for attaching Vises to the bench without drilling work. For installation Vises available also in red.



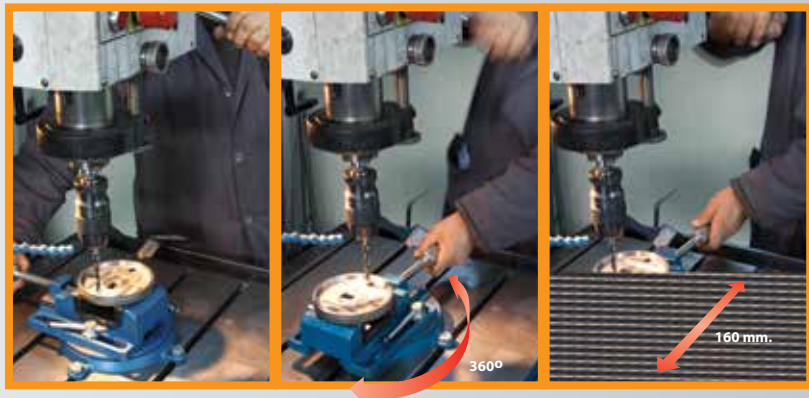
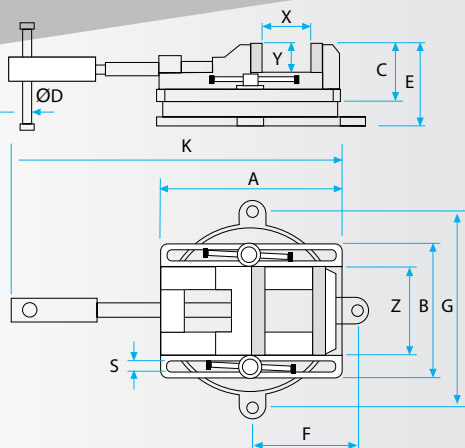
KANCA	Size (inch)	PRIMO	Size (inch)	A	B	C	Ø D	lbs.
FRTPCS-100	4"	PRMPCS-100	4"	3.5"	4.5"	5.5"	M 10	3
FRTPCS-115	4.5"			4"	5.5"	6"	M 12	3.3
FRTPCS-125	5"	PRMPCS-120	4.5"	4.4"	6"	7"	M 12	3.7
FRTPCS-135	5.5"			4.5"	6.5"	7.5"	M 14	3.9
		PRMPCS-140	5.5"	5.5"	7"	8.5"	M 12	4.6

Swivel Drill Vises

Ergonomic and more efficient with the 360° rotating system,
Ability of 6" vertical move.



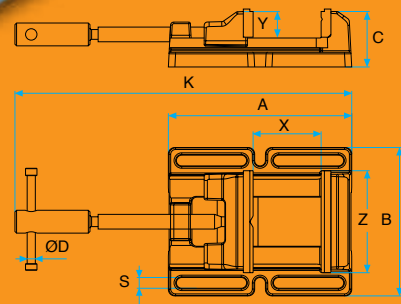
Part #	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	F (inch)	G (inch)	K (Min. inch)	S (inch)	X (Min. inch)	Y (inch)	Z (inch)	lbs.
SDRL-100	7.5"	6"	2.5"	.3"	3.5"	4"	8.5"	11.5"	.5"	4"	1"	4"	17



Drill Press Vises

Rugged design and large workload capacity make the drill press Vise perfect for the most difficult drilling, tapping or reaming operations.

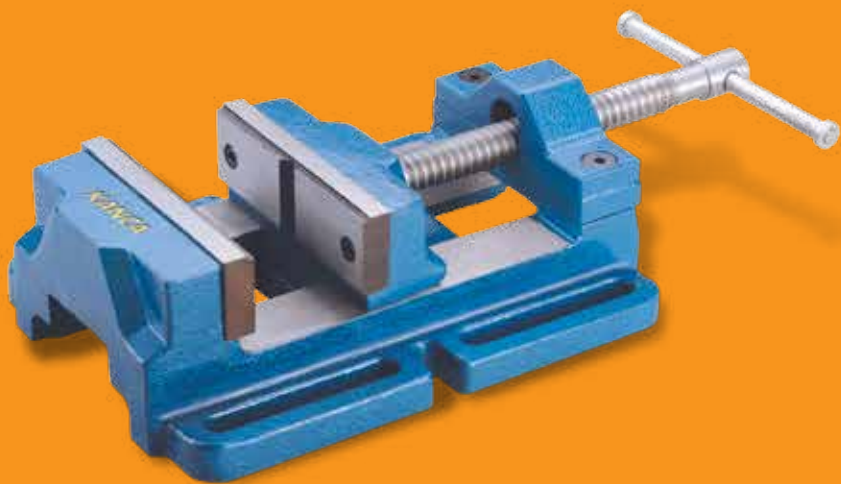
- Frame and movable parts made of special cast iron, jaws of hardened alloy steel.
- Jaws hardened and ground.
- A hardened prism jaw for clamping round bar horizontally and vertically.
- Base designed with 6 screw holes.



Part #	Size (inch)	AxBxC (inch)	ZxYxX (inch)	K (max.) (inch)	S (inch)	ØD (inch)	lbs.
DRL-80	3"	6.5 x 5 x 2.5"	3 x 1 x 3"	14"	.5"	.35"	9.9
DRL-100	4"	7.5 x 6 x 2.5"	3.5 x 1 x 3.5"	15.5"	.5"	.35"	11.79
DRL-125	5"	8.5 x 7 x 2.6"	4.5 x 1 x 4.5"	17.5"	.5"	.35"	17.5
DRL-150	6"	11.5 x 8 x 3"	6 x 1.5 x 7.5"	23.5"	.5"	.35"	25

Quick Drill Vises

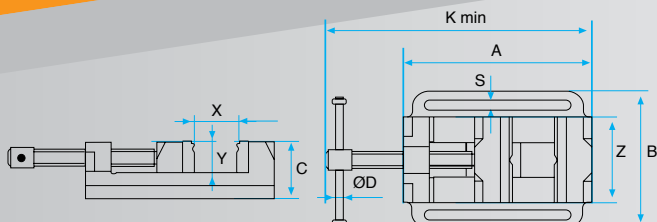
Saving time by easily and quickly changing different worktools.



How to use Quick Drill Vises?

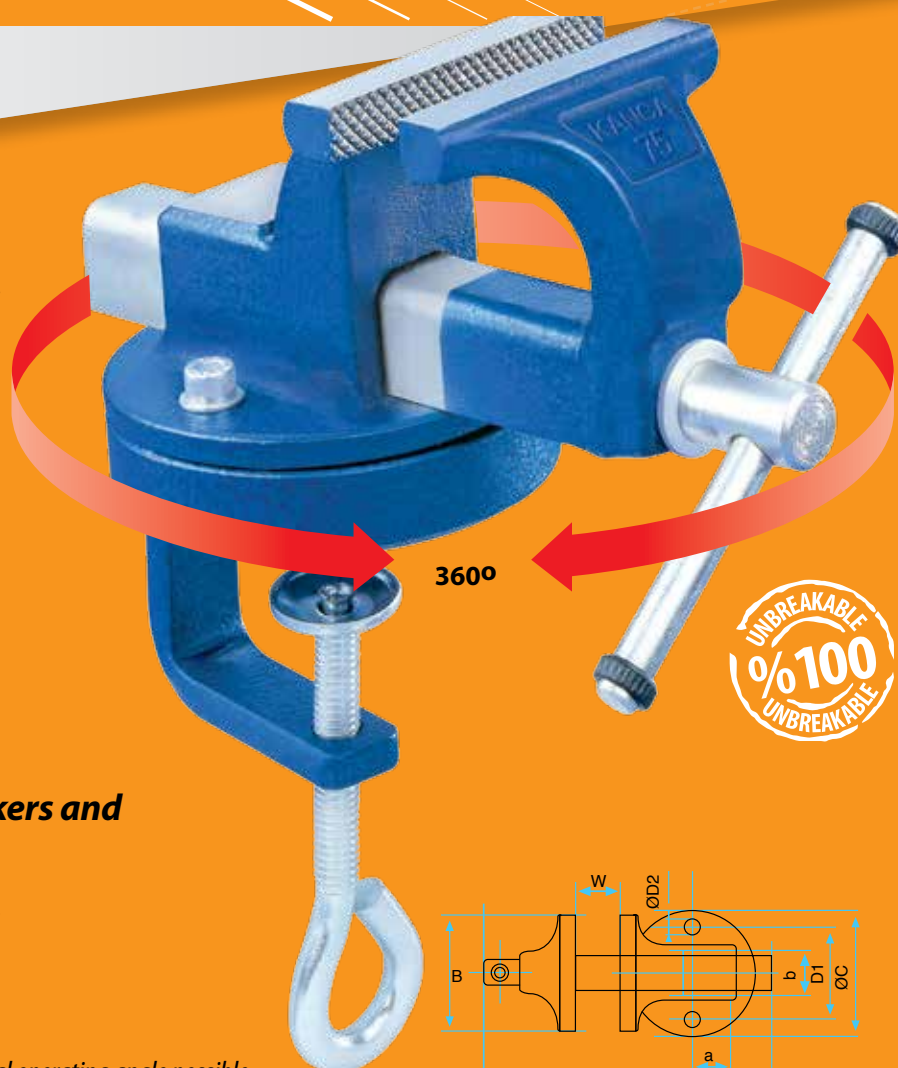
1. Slightly lift the screw off the nut
2. Pull and open the jaw as required
3. Locate the workpiece between the jaws
4. Put and engage the screw on to the nut and clamp the Vise

Part #	Size (inch)	AxBxC (inch)	X (Max. inch)xYxZ	K (Min. inch)	S (inch)	ØD (inch)	lbs.
QDRL-125	5"	10 x 7 x 3"	4.5 x 1.5 x 4.5"	12"	.5"	.35"	25.35



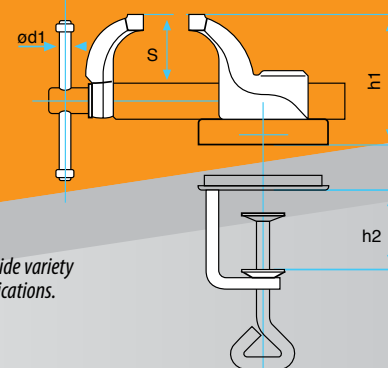
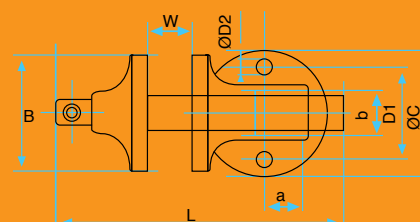
Finemechanic's Vise

All-steel, drop forged construction for precision parallel clamping. For the professional and the quality-conscious hobbyist. Facilitates many work in all mechanical and electronic workshops.



Ideal for use by model makers and DIY enthusiasts

- High-grade hardened and tempered jaws
- Die-forged rearjaws with small anvil
- Maximum durability even for increased power work
- Can be swivelled for 360°, thereby optimal operating angle possible



For a wide variety of applications.

Part #			FM-50	FM-75
Size			2"	3"
Jaw Width	B	inch	2"	3"
Jaw Opening	W(max)	inch	1"	1.5"
Length	L	inch	5.5"	6.5"
Anvil Size	axb	inch	.78 x .94"	.98 x 1.1"
Base Diameter	C	inch	2.5"	3.5"
Hole Distance	D1	inch	1.5"	2"
Hole Diameter	D2	inch	.19"	.27"
Spindlescrew	d1(min)	inch	.23"	.31"
Depth	S(min)	inch	1.3"	1.6"
Vise Height	h1	inch	2"	2.5"
Clamping Bench	h2	inch	1.5"	1.5"
Weight		lbs.	2.2	3.9



Screwable on bench top.



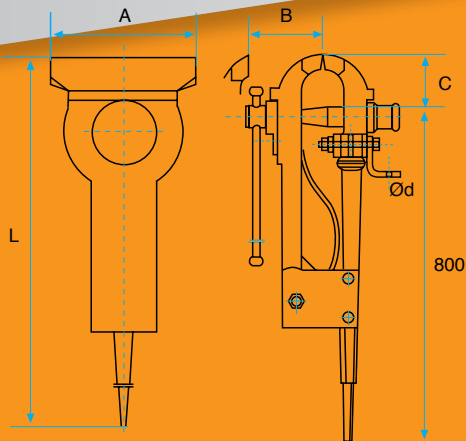
Swivel base with clamping screw.

Shank Vise

Shank Vise for Smith:

Steel cast (SAE 1323) induction hardened jaws

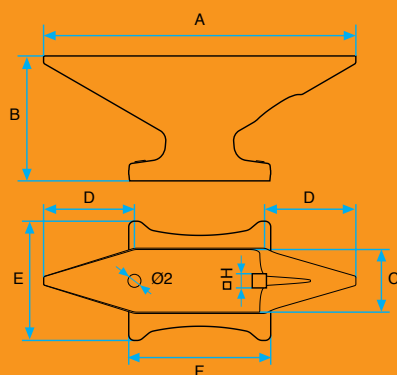
Part #	A	B	C	L	Ø dx3	lbs.	
Size (inch)	(inch)	(inch)	(inch)	(inch)	(inch)		
LV-125	5"	5.5"	3"	41.5"	.5"	52.9	1
LV-150	6"	6"	3"	41.5"	.5"	55	1



Swivelling 180°

Drop-Forged Anvils

All steel drop-forged anvils with surface-hardened face.

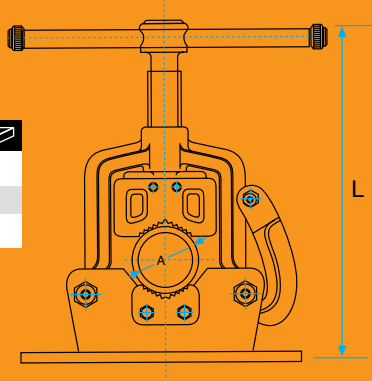



Part #	lbs.	A	B	C	D	ExF	ØG	□H
DFA-20	44	15"	6"	3"	4"	5.5 x 6"	.78"	.8"
DFA-35	77	18.5"	7.5"	3.5"	5"	6.5 x 7.5"	.78"	.8"
DFA-50	110	21.5"	8.5"	4"	6"	8 x 9.5"	.9"	.98"
DFA-75	165	24.5"	10"	4.5"	7"	9 x 10.5"	.9"	.98"

Material: High quality forged steel **Surface hardened:** 54-62 HRC



Fold-Out Pipe Vise

Made from high quality and drop-forged steel. Hardened frame and jaws. Adjustable through self-locking screws. 

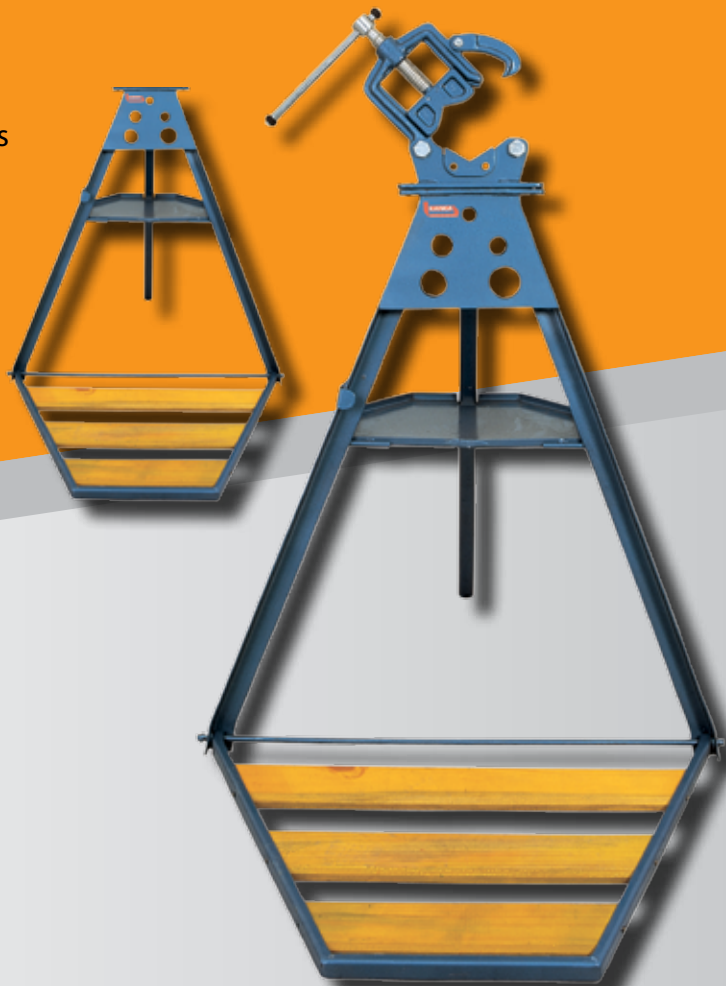
Part #	A inch	L (inch)	lbs.	
PV-2	2"	11"	11	1
PV-3	3"	13"	14	1
PV-4	4"	18"	35	1




Portable Workstand

Portable Workstand


Working support for pipe Vises. Suitable for 2" and 3" fold-out pipe Vises. An indispensable tool for works on building sites. Equipped with storage shelf for tools and hinged floor board for stability.



Portable Workstand

Part #	A inch	L (inch)	lbs.	
PVS-2	2"	37"	37	1
PVS-3	3"			

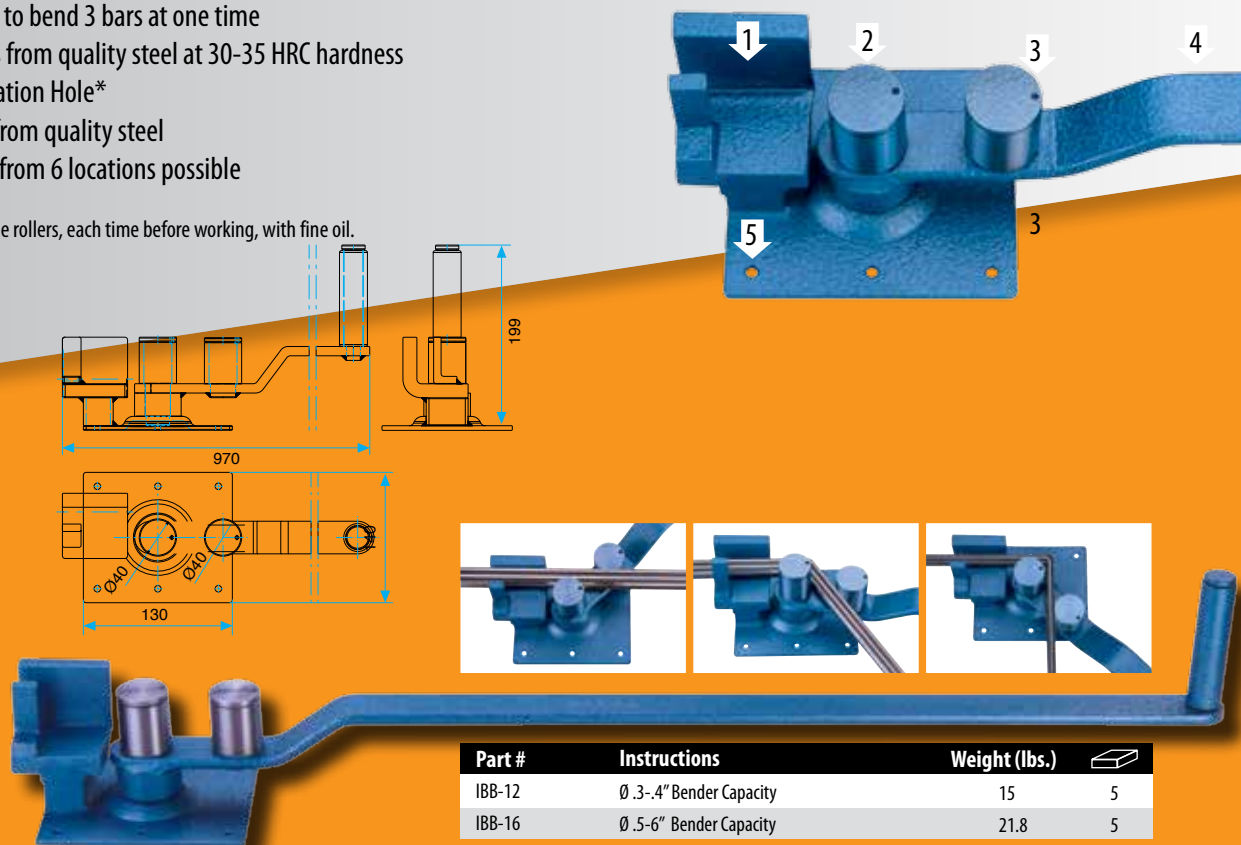
Pipe Vise and Portable Workstand

Part #	A inch	L (inch)	lbs.	
PVW-2	2"	48"	48.5	1
PVW-3	3"	50.5"	51.5	1

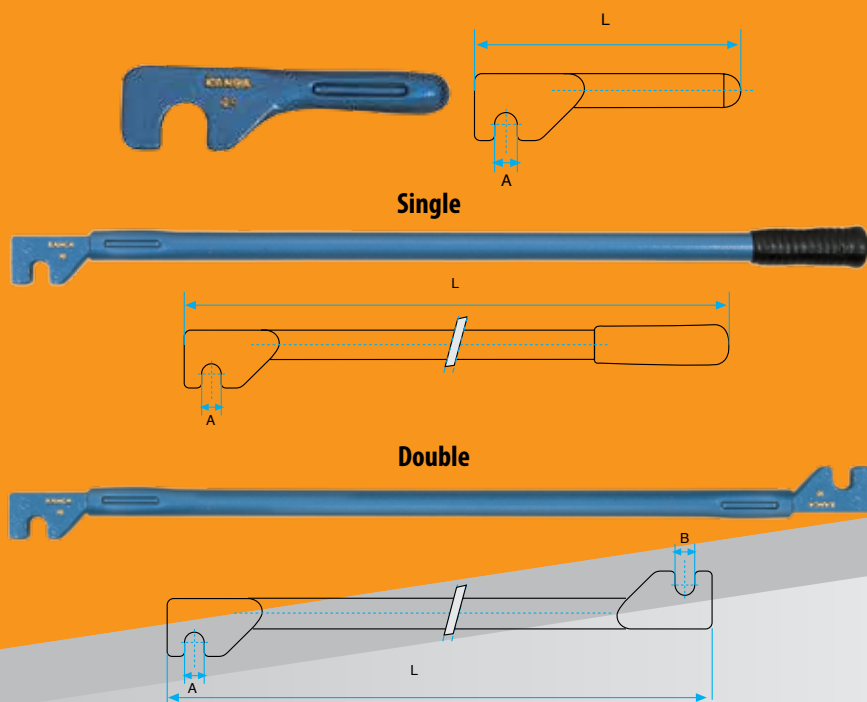
Concrete Iron Bar Benders

1. Ability to bend 3 bars at one time
2. Rollers from quality steel at 30-35 HRC hardness
3. Lubrication Hole*
4. Lever from quality steel
5. Fixing from 6 locations possible

Lubricate the rollers, each time before working, with fine oil.



Bar Bender



Manual Concrete Bar Benders: Complete **forged** and hardened

Concrete Bar Benders with hand lever: Pipes are strengthened additionally by cold drawing.

	A	L		
Code	(inch)	(inch)	lbs.	
BB-10	.40	4.5	.55	12
BB-12	.47	5.1	.88	12
BB-14	.55	5.7	1.06	12
BB-16	.62	6.1	1.21	12
BB-18	.70	6.5	1.32	6
BB-20	.79	6.7	1.54	6
BB-22	.87	6.9	1.65	6
BB-24	.95	7.5	2.43	6

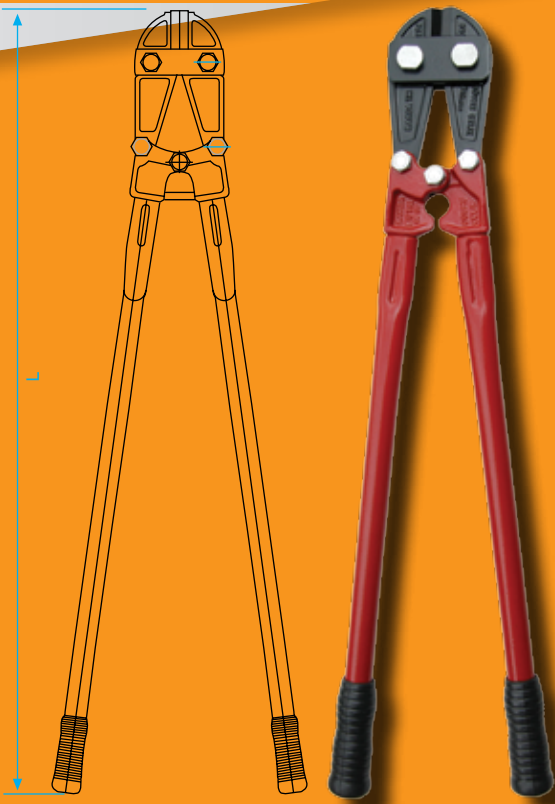
Single				
Part #	A	L		
	(inch)	(inch)	lbs.	
BBH-10	3.24"	27"	2	6
BBH-12	3.71"	41"	2.5	6
BBH-14	4.22"	41.5"	5.6	6
BBH-16	4.71"	42"	5.8	6
BBH-18	5.15"	42"	5.95	6
BBH-20	5.86"	42.3"	6.17	6
BBH-22	6.6"	42.3"	6.28	6
BBH-24	7.28"	50.5"	10.25	6

Double				
Part #	A - B	L		
	(inch)	(inch)	lbs.	
BBD-14	.47" - .55"	43.5"	6.56	6
BBD-16	.55" - .62"	44"	6.9	6
BBD-18	.62" - .70"	44.5"	7.15	6

Bolt Cutter


Bolt Cutters are designed for cutting rod, wire mesh, concrete form ties, cable and bolts with quick and easy handle. Drop forged, heat-treated jaws (HRC 54-58) made of hardened alloy steel guarantee long durability. Lever handles additional strengthened by cold drawing.

... we are specialized in steel cutting



N/mm ²	N/mm ²
750	1260
19 HRC	40 HRC
Soft	Medium

Blade Drop-Forged
HRC 54-58 Hardened

Part #	inch	Max. Cutting Capacity Ø mm		lbs.	
		N/mm ²	N/mm ²		
BC-7	18"	Ø 7,0	Ø 6,0	3.5	5
BC-10	26"	Ø 10,0	Ø 8,0	5	5
BC-12	32"	Ø 12,0	Ø 10,0	11	5
BC-14	42"	Ø 14,0	Ø 10,0	13	5
BC-16	48"	Ø 16,0	Ø 10,0	25	5

Steel Bolt HRC 40-44 Hardened



Forged Steel Joint
HRC 33-38 Hardened


Cold-Drawn Steel
Tubular Handle

Ergonomic Plastic Handle Sleeves




- Robust, stable body from high quality steel.
- Swinging and play-free slide guidance (low friction).
- Sharpened blades from high-grade hardened and tempered steel.
- Hand lever with weight balance spring for safety and easy cutting, all turning bolts adjustable, all shear types with an infinitely variable hold down bar.
- Can cut plate, sheet metal, square, round and L and T profiles depending on the model.

Metal Shears

		Plate	Sheet Metal	Round	Blade Length		
Part #	Model	(inch)	(inch)	(inch)	(inch)	lbs.	
MS - 2BR4	2BR4	.15"	1.5 x .15"	.4"	4.5"	17	1
MS - 2BR5	2BR5	.19"	1.5 x .19"	.4"	5.5"	22	1
MS - 2BR6	2BR6	.23"	2.5 x .23"	.5"	7"	39	1
MS - 3BR4-300	3BR/4-300	.19"	2.5 x .15"	.5"	11.5"	55	1




Long Blade Shears

		Plate	Sheet Metal	Round	Blade Length		
Part #	Model	(inch)	(inch)	(inch)	(inch)	lbs.	
MS - 3BR4-400	3BR/5-400	.19"	3 x .15"	.5"	15.5"	275	1
MS - 3BR4-500	3BR/5-500	.19"	3 x .15"	.5"	19.5"	330	1



Iron and Metal Shear


		Plate	Sheet Metal	Square	Round	Angle Iron		
Part #	Model	(inch)	(inch)	(inch)	(inch)	(inch)	lbs.	
MS - 4BR8	4 BR8	.3"	3 x .35"	.7"	.78"	-	103	1



Shear


- *Warning: Shearing dimensions mentioned in table only apply to steel St 50 max. 150 HB hardened.*

Angle, Iron and Metal Shear

		Plate	Sheet Metal	Square	Round	Angle Iron		
Part #	Model	(inch)	(inch)	(inch)	(inch)	(inch)	lbs.	
MS - 4RP8	4 RP8	.3"	3.5 x .35"	-	.6"	1.5 x .23"	103	1




Iron and Metal Shear

		Plate	Sheet Metal	Square	Round	Angle Iron		
Part #	Model	(inch)	(inch)	(inch)	(inch)	(inch)	lbs.	
MS - 5RP10	5 RP10	.35"	3 x .31"	.78"	.8"	2 x .27"	231	1



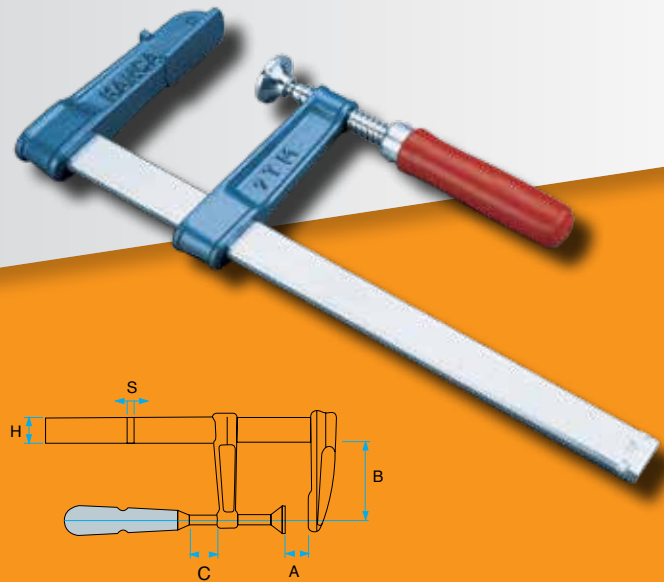
Concrete Iron Shear

		Sheet Metal	Round	Square	Blade Length		
Part #	Model	(inch)	(inch)	(inch)	(inch)	lbs.	
MS - 50/22	50/22	.9 x .3"	0-.8"	0-.74"	1"	57	1
MS - 50/26	50/26	1.5 x .39"	0-1"	0-.9"	1.5"	72	1
MS - 50/28	50/28	1.5 x .47"	0-1.1"	0-.98"	1.5"	105	1
MS - 50/32	50/32	1.5 x .55"	0-1.2"	0-1.1"	1.5"	137	1



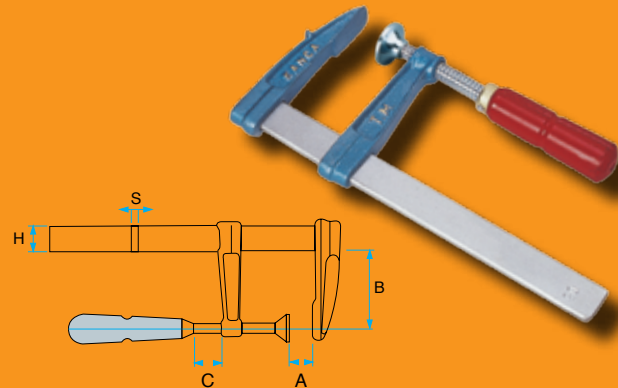
Carpenter's Sliding Clamp

Part #	A (inch)	B (inch)	HxS (inch)	C (inch)	lbs.	
CSC - 200	8"	4.5"	1 x .43	2"	5.62	6
CSC - 250	10"	4.5"	1 x .43	2"	5.84	6
CSC - 300	12"	4.5"	1 x .43	2"	6.17	6
CSC - 400	16"	4.5"	1 x .43	2"	6.83	6
CSC - 500	20"	4.5"	1 x .43	2"	7.27	6
CSC - 600	24"	4.5"	1 x .43	2"	7.93	6
CSC - 700	28"	4.5"	1 x .43	2"	8.6	6
CSC - 800	32"	4.5"	1 x .43	2"	9.25	6
CSC - 900	36"	4.5"	1 x .43	2"	9.81	6
CSC - 1000	40"	4.5"	1 x .43	2"	10.58	6
CSC - 1100	44"	4.5"	1 x .43	2"	11.02	6
CSC - 1200	48"	4.5"	1 x .43	2"	11.68	6
CSC - 1300	52"	4.5"	1 x .43	2"	12.34	6
CSC - 1400	56"	4.5"	1 x .43	2"	13.12	6
CSC - 1500	60"	4.5"	1 x .43	2"	13.67	6
CSC - 2000	80"	4.5"	1 x .43	2"	16.75	6



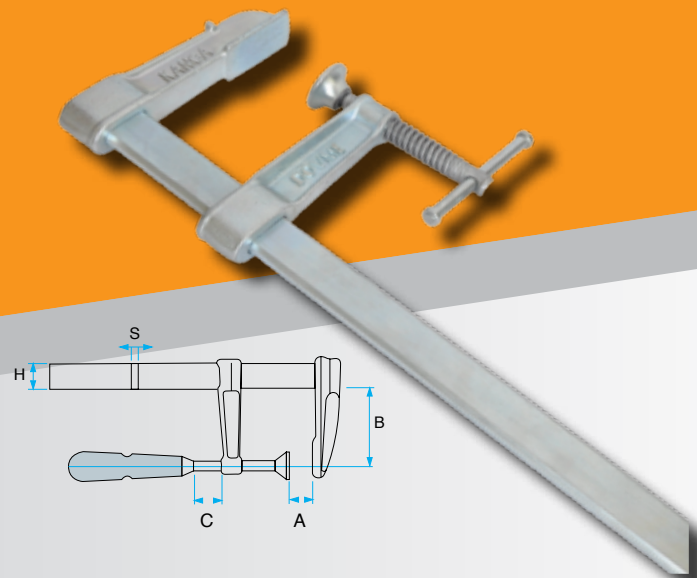
Carpenter's Sliding Clamp Light

Part #	A (inch)	B (inch)	HxS (inch)	C (inch)	lbs.	
LSC - 100	4"	3"	.5 x .23"	1"	1.4	12
LSC - 150	6"	3"	.5 x .23"	1"	1.5	12
LSC - 200	8"	3"	.5 x .23"	1"	1.63	12
LSC - 250	10"	3"	.5 x .23"	1"	1.78	12
LSC - 300	12"	3"	.5 x .23"	1"	1.90	12
LSC - 350	14"	3"	.5 x .23"	1"	1.98	12
LSC - 400	16"	3"	.5 x .23"	1"	2.12	12




Drop Forged Clamps

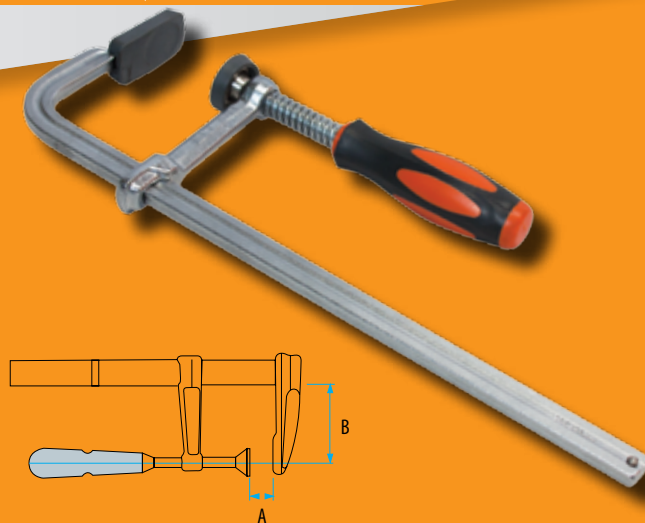
Part #	A (inch)	B (inch)	HxS (inch)	C (inch)	lbs.	
DFC - 200	8"	4.5"	1 x .4"	2"	5.62	6
DFC - 250	10"	4.5"	1 x .4"	2"	5.84	6
DFC - 300	12"	4.5"	1 x .4"	2"	6.17	6
DFC - 400	16"	4.5"	1 x .4"	2"	6.83	6
DFC - 500	20"	4.5"	1 x .4"	2"	7.27	6
DFC - 600	24"	4.5"	1 x .4"	2"	7.93	6
DFC - 700	28"	4.5"	1 x .4"	2"	8.6	6
DFC - 800	32"	4.5"	1 x .4"	2"	9.25	6
DFC - 900	36"	4.5"	1 x .4"	2"	9.81	6
DFC - 1000	40"	4.5"	1 x .4"	2"	10.58	6
DFC - 1100	44"	4.5"	1 x .4"	2"	11.02	6
DFC - 1200	48"	4.5"	1 x .4"	2"	11.68	6
DFC - 1300	52"	4.5"	1 x .4"	2"	12.34	6
DFC - 1400	56"	4.5"	1 x .4"	2"	13.12	6
DFC - 1500	60"	4.5"	1 x .4"	2"	13.67	6
DFC - 2000	80"	4.5"	1 x .4"	2"	16.75	6




Drop forged

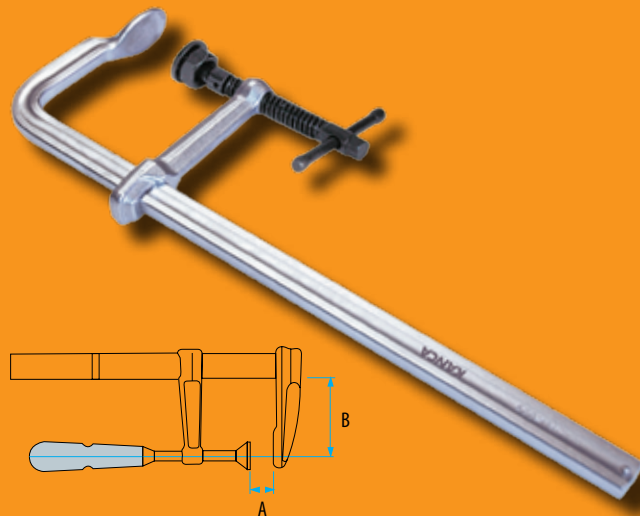
Light Clamp

	A	B		
Part #	(inch)	(inch)	lbs.	
LDC-160	6"	3"	1.3	12
LDC-200	8"	3"	1.4	12
LDC-250	10"	3"	1.5	12
LDC-300	12"	3"	1.65	12




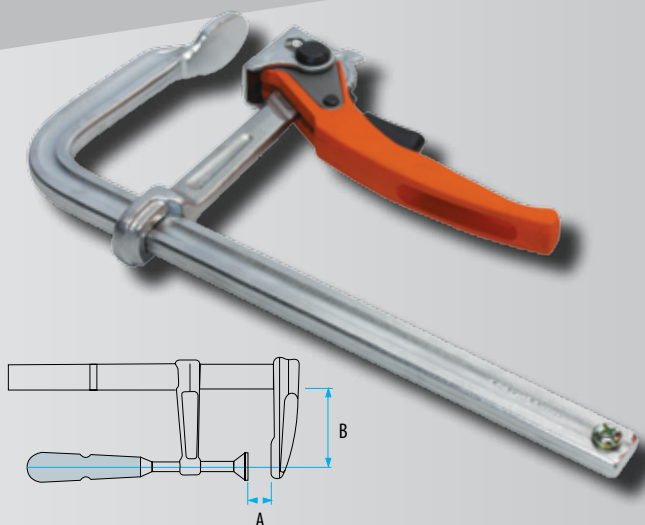
Heavy Duty Clamp

	A	B		
Part #	(inch)	(inch)	lbs.	
HDC-200	8"	5"	5.5	6
HDC-250	10"	5"	6.17	6
HDC-300	12"	5"	6.6	6
HDC-400	16"	5"	7.5	6
HDC-500	20"	5"	8.15	6
HDC-600	24"	5"	9.04	6
HDC-800	32"	5"	10.36	6
HDC-1000	40"	5"	11.46	6
HDC-1200	48"	5"	12.57	6




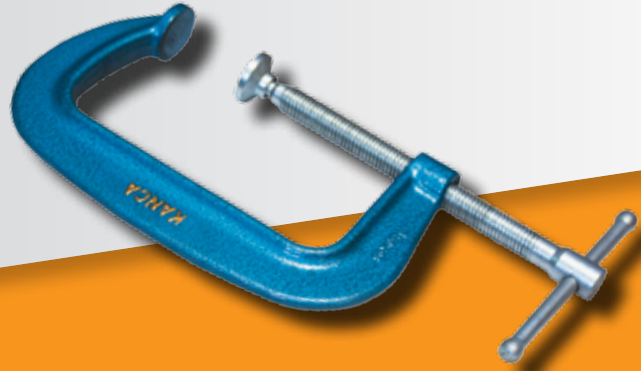
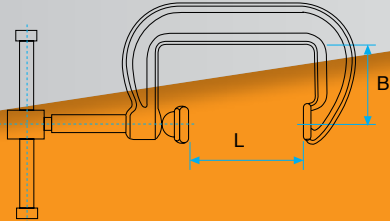
Quick Clamp

	A	B		
Part #	(inch)	(inch)	lbs.	
QDC-160	6.4"	3.5"	4.85	6
QDC-200	8"	3.5"	5.5	6
QDC-250	10"	4.5"	6.17	6
QDC-300	12"	5"	6.6	6
QDC-400	16"	4.5"	7.49	6
QDC-500	20"	4.5"	8.15	6
QDC-600	24"	4.5"	9.04	6
QDC-800	32"	4.5"	10.36	6
QDC-1000	40"	4.5"	11.46	6




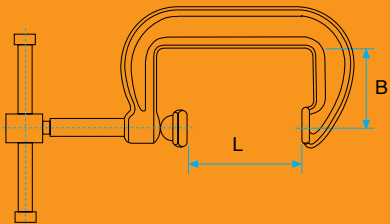
Forged C-Clamp

	L	B		
Part #	(inch)	(inch)	lbs.	
FC-50	2"	1.5"	2.65	1
FC-100	4"	2"	3.3	1
FC-150	6"	2.5"	4	1
FC-200	8"	3"	4.6	1
FC-250	10"	3.5"	7	1




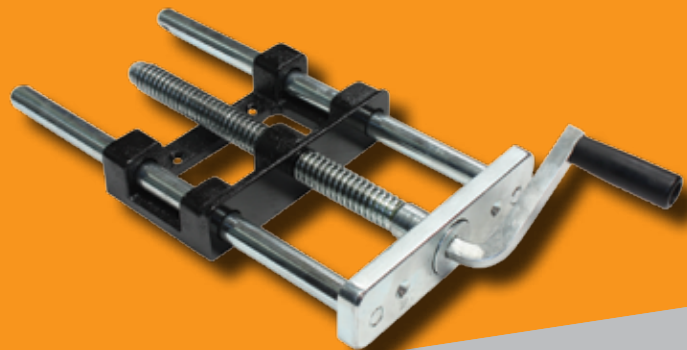
C-Clamp (Cast)

	L	B		
Part #	(inch)	(inch)	lbs.	
CC-50	2"	1.5"	2.65	1
CC-100	4"	2"	3.3	1
CC-150	6"	2.5"	4	1
CC-200	8"	3"	4.6	1
CC-250	10"	3.5"	7	1
CC-300	12"	3.7"	8	1



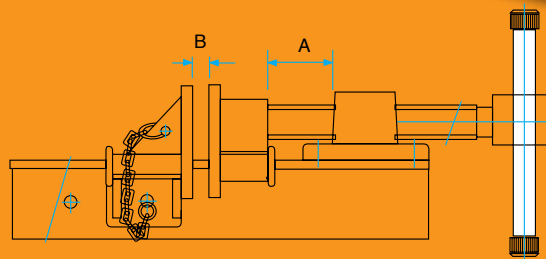
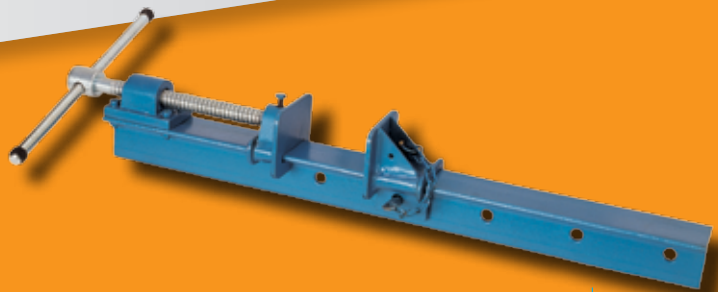
Bench Clamp

Part #	lbs.	
BC-100	11.57	1



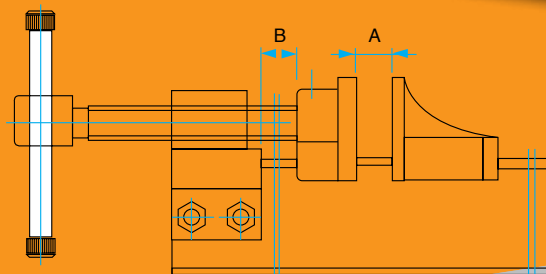
T-Clamp

Part #	A (inch)	B (inch)	lbs.	
TC - 1000	40"	4.5"	14	1
TC - 1200	48"	4.5"	16	1
TC - 1400	56"	4.5"	18	1
TC - 1500	60"	4.5"	18	1
TC - 1600	64"	4.5"	19	1
TC - 1800	72"	4.5"	20	1
TC - 2000	80"	4.5"	23	1
TC - 2200	88"	4.5"	24	1
TC - 2500	100"	4.5"	25	1

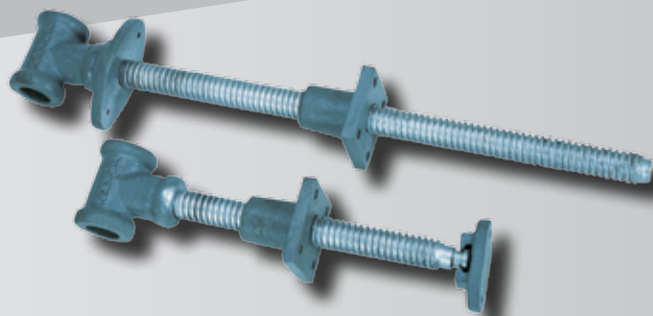
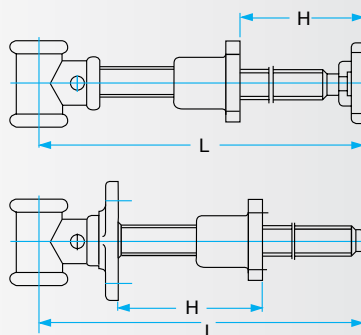


Steel Bar Sash Clamp

Part #	A (inch)	B (inch)	lbs.	
SC - 1000	40"	4.5"	29	1
SC - 1200	48"	4.5"	31	1
SC - 1400	56"	4.5"	34	1
SC - 1500	60"	4.5"	36	1
SC - 1600	64"	4.5"	37	1
SC - 1800	72"	4.5"	40	1
SC - 2000	80"	4.5"	42	1
SC - 2200	88"	4.5"	44	1
SC - 2500	100"	4.5"	45	1



Carpenter's Bench Screws



Part #	Size	L (inch)	H (inch)	lbs.	
CBS - 280	280	16.5"	13"	4.6	1
CBS - 380	380	17.5"	16.5"	6	1
CBS - 480	480	19.5"	18.5"	6.43	1

Adze & Hammer

Professional Adze

With Handle

Part #	(inch)	(inch)	lbs.	
AD-4	6.86"	5"	1.2	10

Without Handle

Part #	(inch)	(inch)	lbs.	
AD-3	5.65"	5"	1.1	12

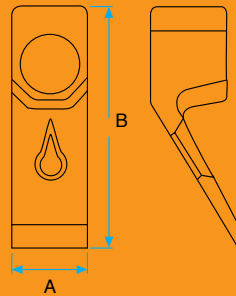


Adze

With Handle

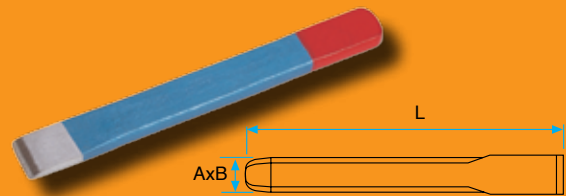
Part #	(inch)	(inch)	lbs.	
AD-2	4.44"	4.5"	1.1	10

Part #	(inch)	(inch)	lbs.	
AD-1	3.17"	4.5"	1	12



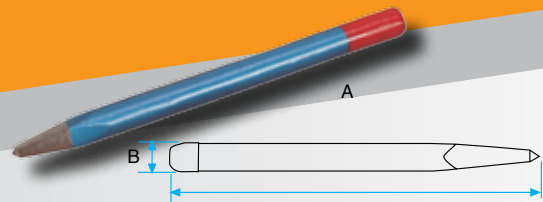
Cold Chisels

Part #	(inch)	(inch)	lbs.	
CCH - 250	10"	1 X .5"	1.2	12
CCH - 300	12"	1 X .5"	1.6	12
CCH - 350	14"	1 X .5"	1.7	12



Pointed Chisels

Part #	(inch)	(inch)	lbs.	
PCH - 250	10"	.7"	1	12
PCH - 300	12"	.7"	1.3	12
PCH - 350	14"	.75"	1.8	12



Machinist Hammers

Precise 45° edge at hammer face and peen prevents dangerous splintering.



Hammer face and peen hardness is between 50 to 58 HRC.



Permanent marking (DIN 1041) The weight and the manufacturers logo

The ring wedge and the safety plate are ensuring permanent and safe point.

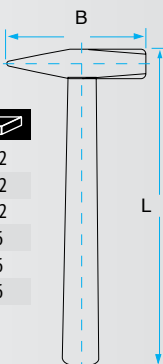
After the forging process, hammer head will be properly and correctly hardened and afterwards annealed. By this way, extra long life of the hammer is secured.

Hammer handle is made of ash wood. Suitable for ergonomic and comfortable work.



Code	L (mm)	B (mm)	lbs.	lbs.	
HAM - 200	15"	3.7"	.44	.53	12
HAM - 300	12"	4.1"	.66	.82	12
HAM - 500	12.6"	7.4"	1.1	1.45	12
HAM - 1000	14"	5.3"	2.2	2.5	6
HAM - 1500	14.8"	5.7"	3.3	3.5	6
HAM - 2000	15.5"	6.1"	4.4	4.7	6

DIN 1041, Working surface 52-58 HRC



Shelf



Accessories & Spare Parts

A full range of accessories and spare parts is available.



The continuous process of improving our products, meeting the needs of our customers and the best technical innovations mean that the products included in this catalogue (appearance, technical characteristics, weights and dimensions) may be altered without prior notice.

EXHIBIT 1

MANUFACTURER'S LIMITED WARRANTY

KANCA EL ALETLERİ DÖVME ÇELİK VE MAKİNA SAN. A.Ş. ("Kanca" or "Manufacturer") warrants that the purchased Kanca product (the "Product") sold to the first end user ("BUYER") will be free of manufacturing defects in workmanship and materials under normal use subject to limitations described below and will be fitted and maintained strictly in accordance with the manufacturer's instructions for a period as provided in Section IV of this Limited Warranty.

Manufacturer's obligations under this Limited Warranty apply only to the first end user of the Product and Manufacturer's obligations become void on the transfer or sale of the Product or the use of the Product by any party other than BUYER.

I. MAINTENANCE REQUIREMENTS

(A) BUYER'S waivers, obligations and representations, including, but not limited to, those contained in paragraph V, paragraph VI, paragraph VII, and paragraph VIII of this Limited Warranty apply regardless of any condition, but that the express limited warranties contained in the preamble, paragraph II and paragraph III of this Limited Warranty apply only if:

(1) The Product is not misused or abused, and there is no evidence of mishandling, neglect, modification or repair without the approval of Manufacturer, or damage done to the product by anyone other than Manufacturer.

II. METHOD FOR OBTAINING WARRANTY SERVICE

(A) To obtain warranty service under this Limited Warranty, BUYER must provide Kanca Forging USA, Inc. with a written notice of any alleged defect with the serial and model number of the alleged defective Product, within the warranty period stated in Section IV and within ten (10) days of its discovery. If such serial and model number is not provided by BUYER, the request will be treated as improper service request and no service will be rendered by Manufacturer. Upon receiving the written notice, Kanca Forging USA, Inc. shall immediately contact Manufacturer regarding the alleged defect.

(B) Within a reasonable period of time upon learning the alleged defect, at Manufacturer's option, Manufacturer may contact BUYER via phone or email and arrange for the alleged defective product to be sent to Kanca Forging USA, Inc. for examination.

III. WARRANTY SERVICES PROVIDED

(A) If the Product shall be proved in Manufacturer's sole discretion to be defective, within the applicable warranty period described below, Manufacturer's obligations under this Limited Warranty shall be limited to either repairing or replacing the Product, at Manufacturer's sole discretion, if such defect was caused solely by defective workmanship and materials. In the event Manufacturer chooses to replace the Product, BUYER shall be responsible for all costs associated with transporting the Product to the business location of Kanca Forging USA, Inc. Such repair or replacement shall be Manufacturer's sole obligation and BUYER's exclusive remedy hereunder and shall be conditioned upon BUYER's fulfilling its obligations under Manufacturer's Warranty Claim Procedures.

(B) Pursuant to Subsection (A), Manufacturer's warranty services will specifically include providing BUYER with alternative parts of comparable quality to cover the remainder of the warranty period and/or carry out necessary repairs of the Product. BUYER shall be responsible for round-trip freight, insurance and any other shipping charges related to Manufacturer's obligations under this warranty.

IV. WARRANTY PERIOD

(A) This Limited Warranty of the Product, and any implied warranties provided to BUYER by state law not otherwise excluded or disclaimed in this Limited Warranty, shall apply for

(1) In the case of Kanca branded (i) bench vices (excluding Castillo vices), (ii) drill vices, (iii) pipe vices, (iv) anvils, (v) clamps (excluding C-clamps), and (vi) hammers, a lifetime guarantee.

(2) For all other products, for period of one (1) year from the date the BUYER accepts the shipment and receives the product.

V. EXCLUSIONS FROM WARRANTY

(A) The following is not included under this Limited Warranty:

(1) Use by personnel without proper knowledge of how to operate the Product

(2) Unauthorized disassembly or repair

(3) Damage due to improper handling;

(4) Normal wear and tear;

(5) Damage as a result of repair or part replacement not authorized by Manufacturer;

(6) Misuse or abuse by the end-user;

(7) Physical damage to the Product as a result of unreasonable use and/or negligence and;

(8) Operation or maintenance which is not in accordance with Manufacturer's written recommendations and restrictions as contained in Manufacturer's user manuals or any signage on the Product itself.

VI. LIMITATIONS ON WARRANTY

(A) This Limited Warranty is provided by Manufacturer, and it contains the only express warranty provided to BUYER by Manufacturer. Manufacturer does not authorize any other person, including sales representatives, to give any other warranties on Manufacturer's behalf.

MANUFACTURER DISCLAIMS ANY EXPRESS WARRANTY NOT PROVIDED HEREIN AND ANY IMPLIED WARRANTY, GUARANTY OR REPRESENTATION AS TO PERFORMANCE, QUALITY AND ABSENCE OF HIDDEN DEFECTS, AND ANY REMEDY FOR BREACH OF CONTRACT, WHICH BUT FOR THIS PROVISION, MIGHT ARISE BY IMPLICATION, OPERATION OF LAW, CUSTOM OF TRADE OR COURSE OF DEALING, INCLUDING IMPLIED WARRANTIES OF WORKMANLIKE QUALITY, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER FURTHER DISCLAIMS, ANY RESPONSIBILITY FOR LOSSES, EXPENSES, INCONVENIENCES, SPECIAL, INDIRECT, SECONDARY OR CONSEQUENTIAL, INCIDENTAL, AND CONTINGENT DAMAGES WHATSOEVER, INCLUDING DAMAGES ARISING FROM OWNERSHIP OR USE OF PRODUCT.

IMPLIED WARRANTIES IN JURISDICTIONS WHERE THEY MAY NOT BE DISCLAIMED SHALL BE IN EFFECT ONLY FOR THE DURATION OF THE EXPRESS WARRANTY SET FORTH HEREIN.

IF BUYER HAS A CLAIM UNDER THIS LIMITED WARRANTY OR UNDER ANY IMPLIED WARRANTIES PROVIDED TO BUYER BY STATE LAW, BUYER MAY NOT FILE A COURT ACTION BASED ON THAT CLAIM ANY LATER THAN ONE (1) YEAR AFTER BUYER'S RIGHT TO FILE A COURT ACTION ACCRUES. IN THOSE STATES WHICH DO NOT ALLOW THIS LIMITATION ON THE TIME PERIOD FOR FILING A COURT ACTION, THIS PROVISION IS INAPPLICABLE.

VII. LIABILITY AND REMEDIES

MANUFACTURER'S LIABILITY WITH RESPECT TO THE PRODUCT SOLD TO BUYER AND ANY SERVICES PROVIDED BY MANUFACTURER SHALL BE LIMITED TO THE WARRANTY PROVIDED HEREIN. MANUFACTURER SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW, WITH RESPECT TO PRODUCTS SOLD OR SERVICES RENDERED BY MANUFACTURER, OR ANY UNDERTAKING, ACTS OR OMISSIONS RELATING THERETO.

WITHOUT LIMITING THE FOREGOING, MANUFACTURER SPECIFICALLY DISCLAIMS ANY LIABILITY FOR PROPERTY OR PERSONAL INJURY DAMAGES, PENALTIES, SPECIAL OR PUNITIVE DAMAGES, DAMAGES FOR LOST PROFITS OR REVENUES, SERVICES, DOWN TIME, SHUT DOWN OR SLOW DOWN COSTS, OR FOR ANY OTHER TYPES OF ECONOMIC LOSS, AND FOR CLAIMS OF BUYER'S CUSTOMERS OR ANY THIRD PARTY FOR ANY SUCH DAMAGES. MANUFACTURER SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES WHATSOEVER.

BUYER AGREES THAT WITH REGARD TO ANY POTENTIAL CLAIM RELATING TO THE PRODUCT, IT SHALL WAIVE AND NOT SEEK ANY REMEDY OTHER THAN A CLAIM FOR BREACH OF MANUFACTURER'S LIMITED WARRANTY TO BE SOUGHT SOLELY AND EXCLUSIVELY FROM KANCA FORGING USA, INC. IN PARTICULAR, BUYER AGREES THAT IT SHALL NOT SEEK ANY REMEDY FROM KANCA EL ALETLERİ DÖVME ÇELİK VE MAKİNA SAN. A.Ş., OR ANY OWNERS, SHAREHOLDERS, DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, ASSOCIATES, SUBSIDIARIES, OR AFFILIATES, AND BUYER HEREBY WAIVES ANY AND ALL OTHER POTENTIAL CLAIMS AGAINST SAID PARTIES.

PRIOR TO FILING ITS CLAIM FOR BREACH OF MANUFACTURER'S LIMITED WARRANTY, BUYER MUST FIRST AFFORD MANUFACTURER A REASONABLE OPPORTUNITY TO CURE THE BREACH THROUGH THE FOLLOWING PROCEDURES: IF BUYER REASONABLY BELIEVES THAT MANUFACTURER HAS COMMITTED A BREACH, BUYER MUST PROVIDE A SIGNED, WRITTEN NOTICE VIA U.S. CERTIFIED MAIL TO KANCA C/O ATOM LAW GROUP, LLC, 770 N. LASALLE ST., SUITE 700, CHICAGO, ILLINOIS 60654. MANUFACTURER SHALL THEN HAVE SIXTY (60) DAYS FROM THE DATE OF RECEIPT OF SUCH NOTICE OF BREACH TO CURE THE BREACH BY PROVIDING BUYER'S REQUESTED REPAIR AND/OR REPLACEMENT. IN THE EVENT THAT BUYER FAILS TO PROVIDE SUCH NOTICE, ITS CLAIM SHALL BE DISMISSED FOR FAILURE TO STATE A CLAIM.

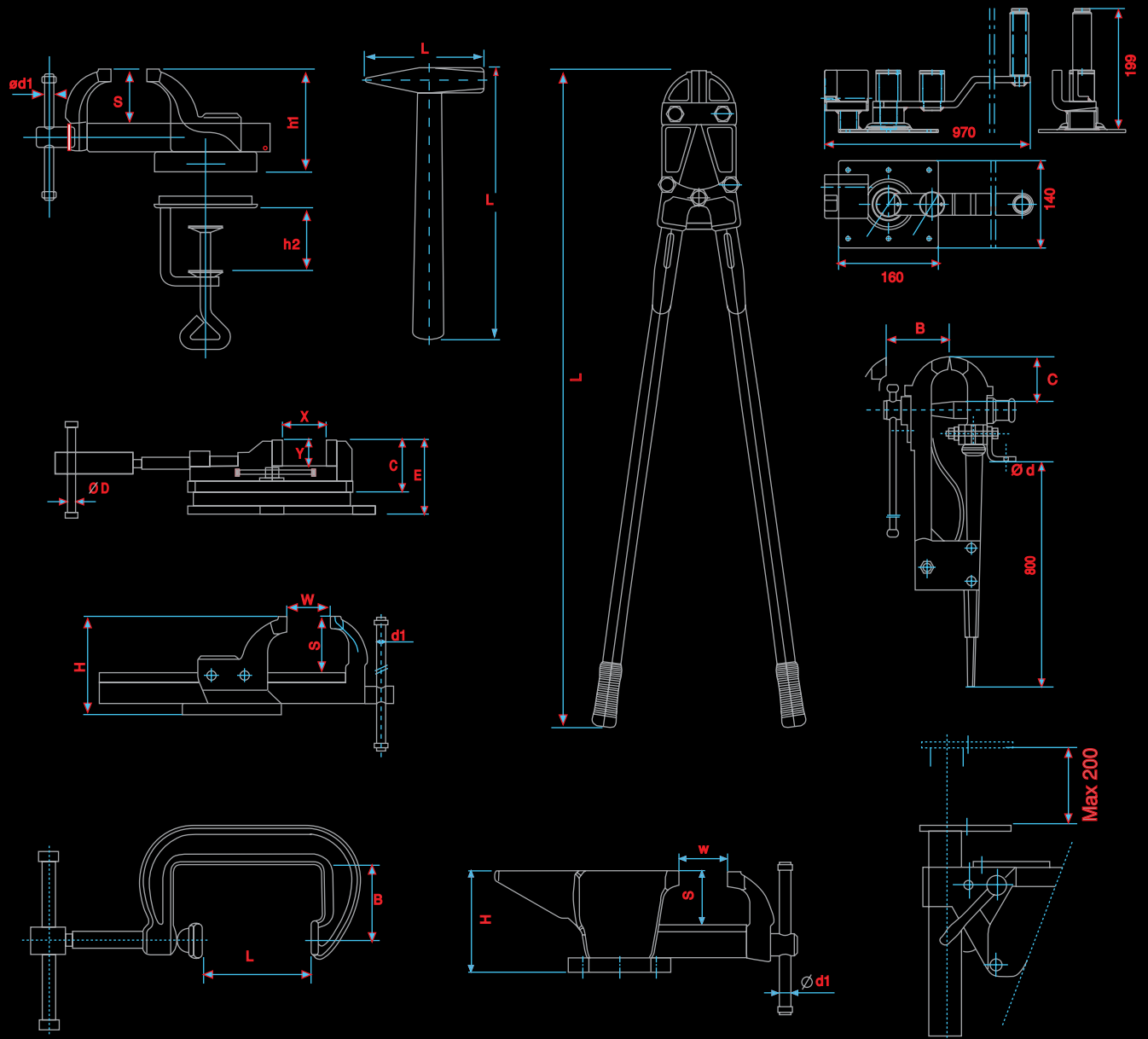
VIII. MISCELLANEOUS

(A) Any description of the Product, whether in writing or made orally by Manufacturer or Manufacturer's agents, sales representatives, specifications, samples, models, bulletins, drawings, diagrams or similar materials used in connection with BUYER's order, are for the sole purpose of identifying the Product and shall not be construed as an express warranty. Any suggestions by Manufacturer or Manufacturer's agents regarding use, application, or suitability of the Product shall not be construed as an express warranty unless confirmed in writing by Manufacturer to be such.

(B) All correspondence directed to Manufacturer shall be sent via U.S. Certified Mail to:

Kanca Forging USA, Inc.
2800 Lively Blvd., Elk Grove Village IL 60007
Tel: + 1 847 737-4176 • Fax: +1 847 430-4803 • Email: info@kancaforging.com

All products exhibited in KANCA catalog are subject to the Warranty Conditions given as Exhibit 1 and Kanca Forging USA Inc, Sales Terms and Conditions.



KANCA
DESIGN • FORGE • SAFETY

KANCA FORGING USA INC.

2800 Lively BLVD.

Elk Grove Village, IL 60007

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