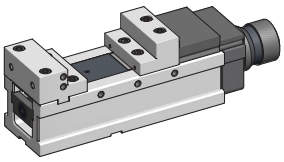
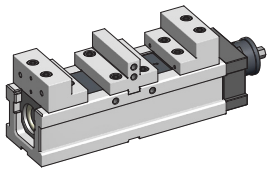


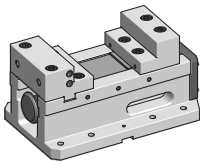
MORSE IN GHISA
CAST IRON VISES

PAG. 395



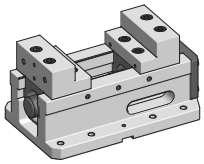
MORSE IN GHISA A DOPPIO SERRAGGIO
CAST IRON DOUBLE SEATS VISES

PAG. 396



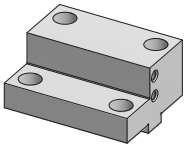
MORSE IN GHISA PER CENTRI DI LAVORO A 5 ASSI
CAST IRON VISES FOR 5 AXES CENTER

PAG. 397



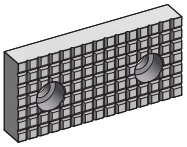
MORSE IN GHISA PER CENTRI DI LAVORO A 5 ASSI - AUTOCENTRANTI
CAST IRON VISES FOR 5 AXES CENTER - SELF CENTERING

PAG. 398



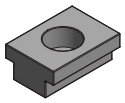
GANASCE PER MORSE IN GHISA
JAWS FOR FOR CAST IRON VISES

PAG. 399



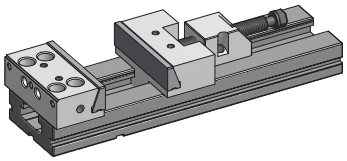
PIASTRE PER GANASCE
PLATES FOR JAWS

PAG. 401



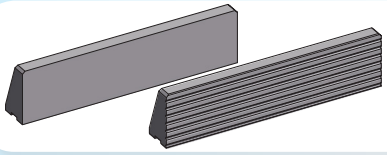
CHIAVETTE DI POSIZIONAMENTO
POSITIONING KEYS

PAG. 403



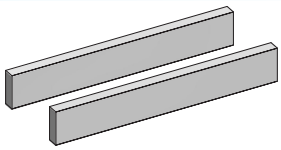
MORSE IN ACCIAIO
STEEL VISES

PAG. 404



PIASTRE PER GANASCE
PLATES FOR JAWS

PAG. 405

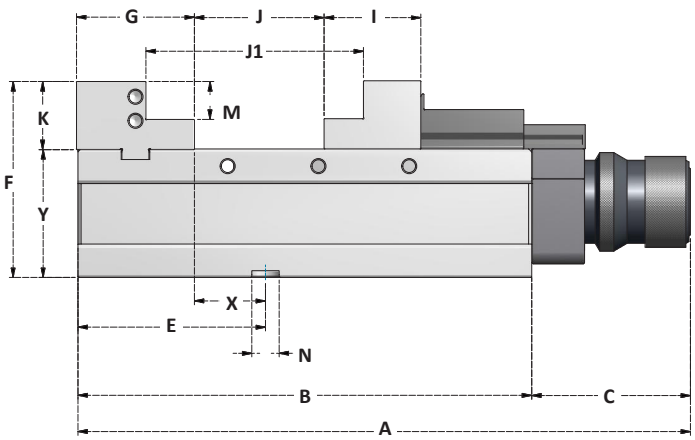


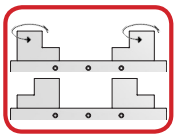
SERIE DI PARALLELE
SETS OF PARALLELS

PAG. 406

MORSE IN GHISA

CAST IRON VISES





Le ganasce possono essere girate.

Jaws can be turned.

SERRAGGIO MEDIANTE VITE A CHIOCCIOLA

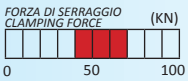
LEAD SCREW CLAMPING SYSTEM

Articolo	A	B	C	D	E	F	G	I	J	J1	K	M	N	X	Y
VCV-100V-SJ	398	300	98	101	124	130	78	64	155	213	45	25	18	45	85
VCV-130V-SJ	508	410	98	131	149	147	83	74	230	315	52	30	18	65	95
VCV-160V-SJ	573	475	98	161	152	160	86	86	300	370	55	30	18	65	105
VCV-200V-SJ	653	555	98	201	194	170	100	97	350	426	60	30	18	92	110

SERRAGGIO MEDIANTE MOLTIPLICATORE DI FORZA

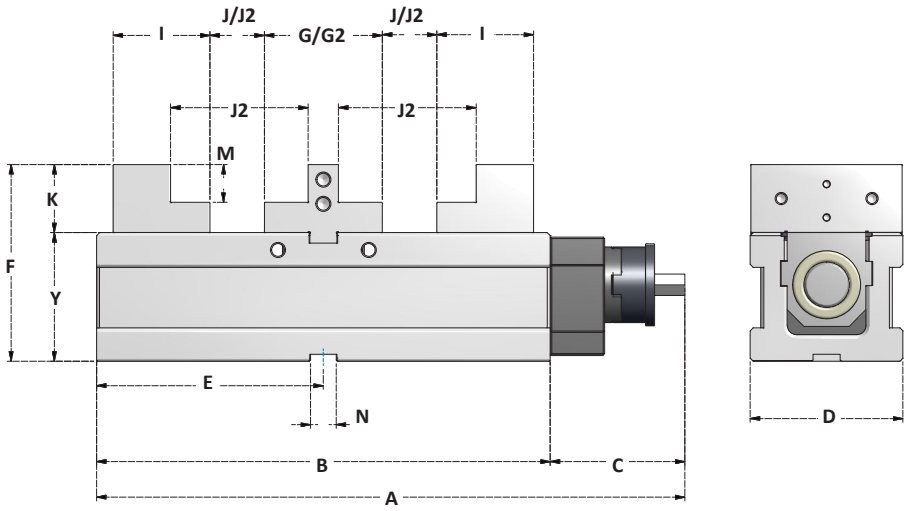
MECHANICAL POWER CLAMPING SYSTEM

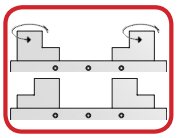
Articolo	A	B	C	D	E	F	G	I	J	J1	K	M	N	X	Y	Limit Pressure
VQV-100V-SJ	406	300	106	101	124	130	78	64	155	213	45	25	18	45	85	41KN / 4018kgf
VQV-130V-SJ	516	410	106	131	149	147	83	74	250	315	52	30	18	65	95	45KN / 4410kgf
VQV-160V-SJ	581	475	106	161	152	160	86	86	300	370	55	30	18	65	105	54KN / 5292kgf
VQV-200V-SJ	661	555	106	201	194	170	100	97	350	426	60	30	18	92	110	66KN / 6468kgf



MORSE IN GHISA A DOPPIA SEDE

CAST IRON DOUBLE SEATS VISES





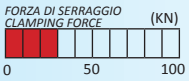
Le ganasce possono essere girate.

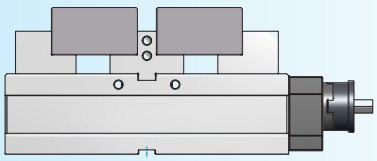
Jaws can be turned.

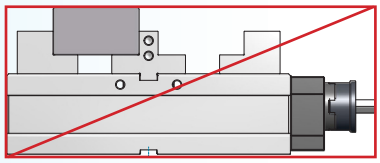
SERRAGGIO MEDIANTE VITE A CHIOCCIOLA

LEAD SCREW CLAMPING SYSTEM

Articolo	A	B	C	D	E	F	G	G2	I	J	J1	J2	K	M	N	X	Y
VDAV-100V-SJ	396	300	96	101	150	130	83	34	64	40	95	64	45	25	18	31,5	85
VDAV-130V-SJ	506	410	96	131	205	147	88	40	74	85	145	109	52	30	18	41,5	95
VDAV-160V-SJ	571	475	96	161	237,5	160	86	42	86	100	170	122	55	30	18	43	105
VDAV-200V-SJ	651	555	96	201	275,5	170	100	46	97	125	195	152	60	30	18	50	110

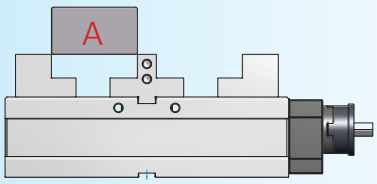






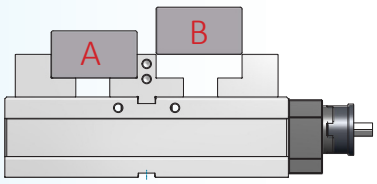
I 2 pezzi devono essere bloccati simultaneamente. Non bloccare un solo pezzo.

2 workpieces must be clamped simultaneously. Don't clamp only one workpiece.



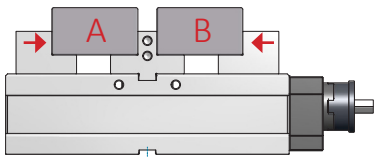
Prima installare il pezzo A

First, install A workpiece



Poi installare il pezzo B

Second, install B workpiece

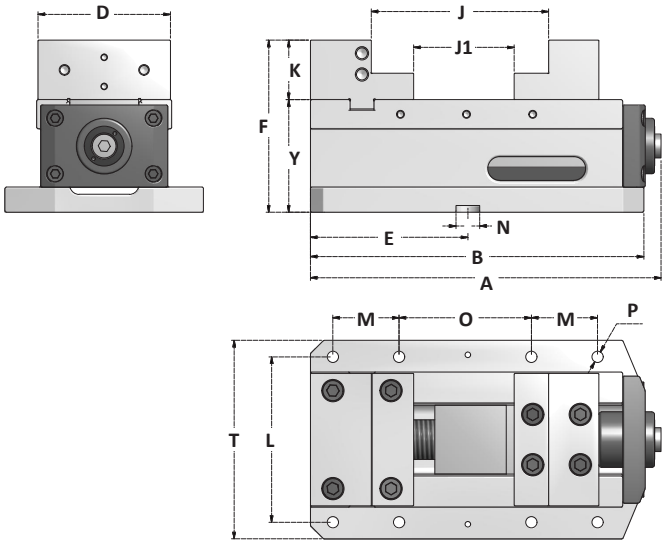


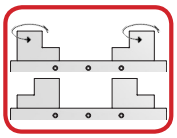
Infine serrare insieme i pezzi A e B usando la moanovella

Finally, clamping A&B workpiece toghether by handle

MORSE IN GHISA PER CENTRI DI LAVORO A 5 ASSI

CAST IRON VISES FOR 5 AXES MACHINE CENTER





Le ganasce possono essere girate.

Jaws can be turned.

SERRAGGIO MEDIANTE VITE A CHIOCCIOLA

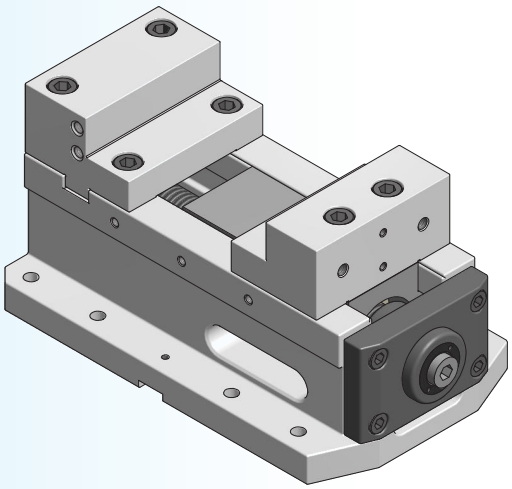
LEAD SCREW CLAMPING SYSTEM

Articolo	A	B	D	E	F	J	J1	K	L	M	N	O	P	T	Y
FAS-100C-SJ	262	252	100	117,5	130	0-145	0-90	45	125	50	18	100	M8	150	85

SERRAGGIO MEDIANTE MOLTIPLICATORE DI FORZA

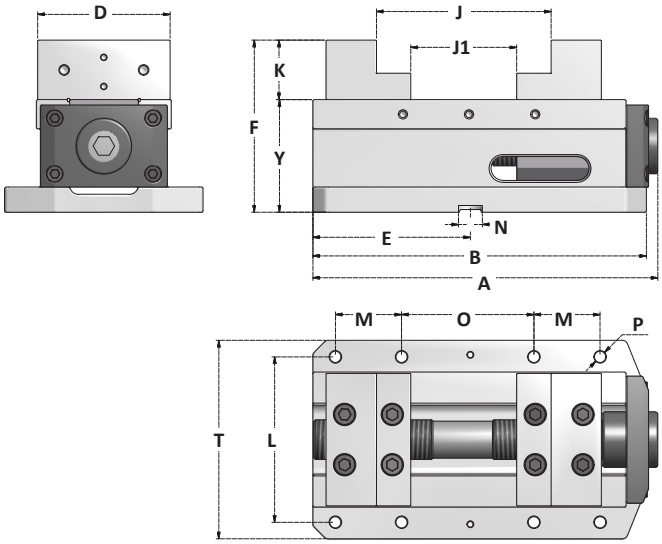
MECHANICAL POWER CLAMPING SYSTEM

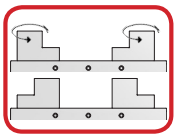
Articolo	A	B	D	E	F	J	J1	K	L	M	N	O	P	T	Y	Limit Pressure
FAS-100Q-SJ	257	252	100	117,5	130	0-145	0-90	45	125	50	18	100	M8	150	85	40KN / 3920kgf



MORSE IN GHISA PER CENTRI DI LAVORO A 5 ASSI - AUTOCENTRANTI

CAST IRON VISES FOR 5 AXES MACHINE CENTER - SELF CENTERING





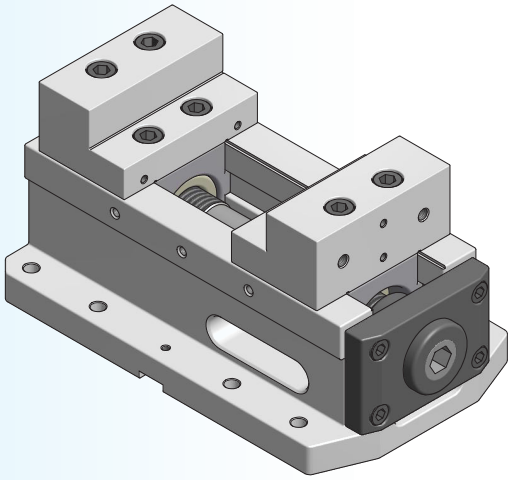
Le ganasce possono essere girate.

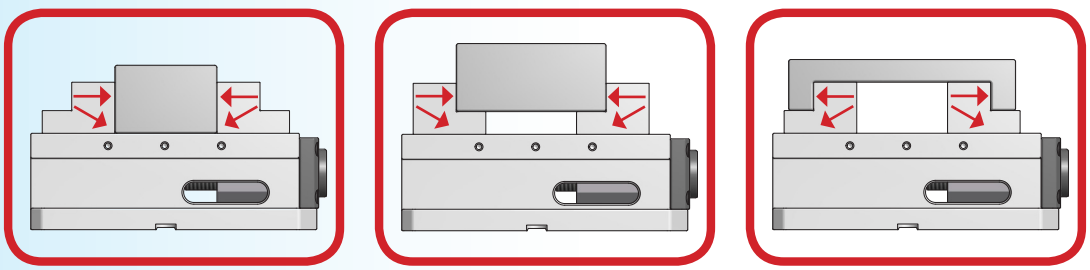
Jaws can be turned.

SERRAGGIO MEDIANTE VITE A CHIOCCIOLA

LEAD SCREW CLAMPING SYSTEM

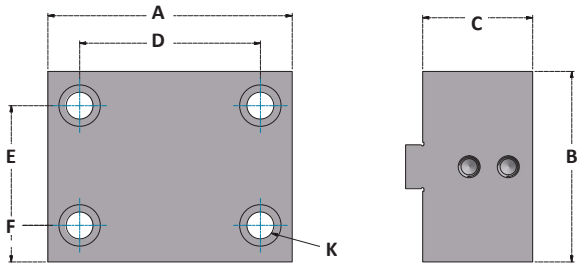
Articolo	A	B	D	E	F	J	J1	K	L	M	N	O	P	T	Y
FAS-100B-SJ	262	252	100	117,5	130	0-145	0-90	45	125	50	18	100	M8	150	85





GANASCE PER MORSE IN GHISA

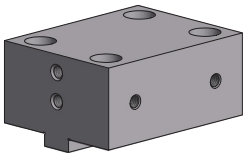
JAWS FOR CAST IRON VISES



GANASCE FISSE

STATIONARY JAWS

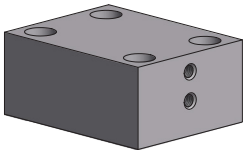
Articolo	A	B	C	D	E	F	K
MA-100A	100	78	45	74	44	19,5	M10x50L
MA-130A	130	83	52	95	45	21,5	M12x55L
MA-160A	160	86	55	124	50	18	M14x60L
MA-200A	200	100	60	150	62	19	M16x65L

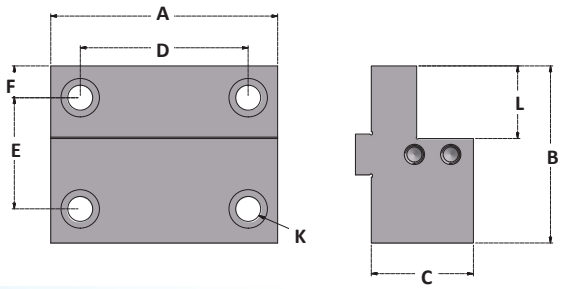


GANASCE MOBILI

MOVABLE JAWS

Articolo	A	B	C	D	E	F	K
MB-100A	100	64	45	37	35	14,5	M10x50L
MB-130A	130	74	52	45	42	16	M12x55L
MB-160A	160	86	55	60	50	18	M14x60L
MB-200A	200	97	60	74	59	19	M16x70L

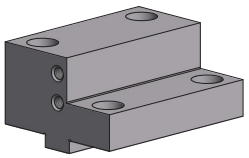




GANASCE FISSE CON SCALINO

STATIONARY STEP JAWS

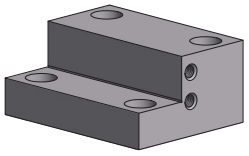
Articolo	A	B	C	D	E	F	L	K
MC-100A	100	78	45	74	44	19,5	26	M10x50L/25L
MC-130A	130	83	52	95	45	21,5	30	M12x55/L25L
MC-160A	160	86	55	124	50	18	35	M14x60L/30L
MC-200A	200	100	60	150	62	19	38	M16x65L/35L



GANASCE MOBILI CON SCALINO

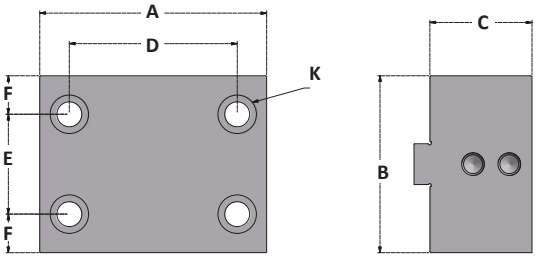
MOVABLE STEP JAWS

Articolo	A	B	C	D	E	F	L	K
MD-100A	100	64	45	37	35	14,5	26	M10x50L/25L
MD-130A	130	74	52	45	42	16	30	M12x55/L25L
MD-160A	160	86	55	60	50	18	35	M14x60L/30L
MD-200A	200	97	60	74	59	19	38	M16x70L/35L



GANASCE - PER MORSE VDAV

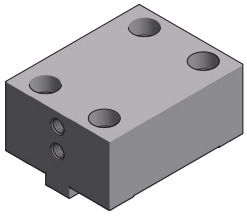
JAWS - FOR VDAV VISES

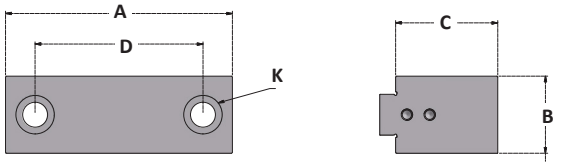


GANASCE FISSE CENTRALI

STATIONARY CENTER JAWS

Articolo	A	B	C	D	E	F	K
ME-100A	100	124	45	74	44	19,5	M10x50L
ME-130A	130	100	52	95	45	21,5	M12x55L
ME-160A	160	86	55	124	50	18	M14x60L
ME-200A	200	83	60	150	62	19	M16x65L

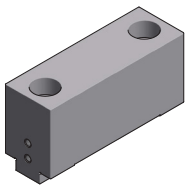


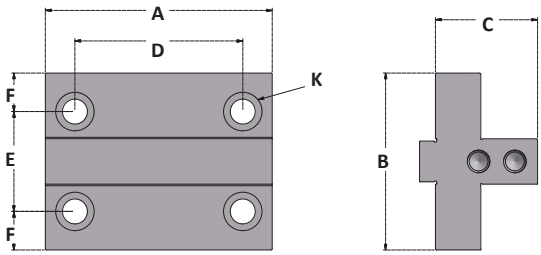


GANASCE FISSE CENTRALI

STATIONARY CENTER JAWS

Articolo	A	B	C	D	K
MF-100A	100	34	45	74	M10x50L
MF-130A	130	40	52	95	M12x55L
MF-160A	160	42	55	124	M14x60L
MF-200A	200	46	60	150	M16x65L

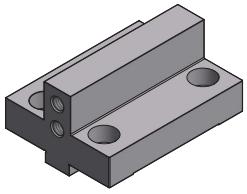




GANASCE FISSE CENTRALI CON SCALINI

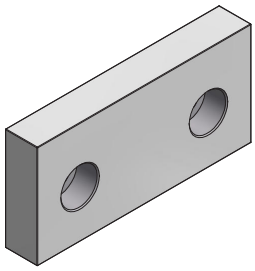
STATIONARY CENTER STEP JAWS

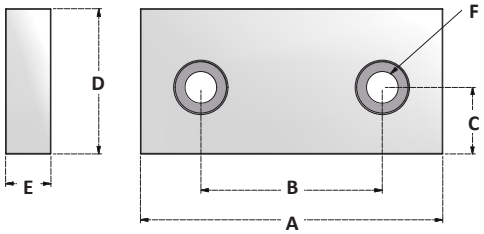
Articolo	A	B	C	D	E	F	K
MG-100A	100	70	45	74	44	13	M10x50L
MG-130A	130	83	52	95	45	21,5	M12x55L
MG-160A	160	86	55	124	50	18	M14x60L
MG-200A	200	100	60	150	62	19	M16x65L



PIASTRE PER MORSE IN GHISA

JAW PLATES FOR CAST IRON VISES

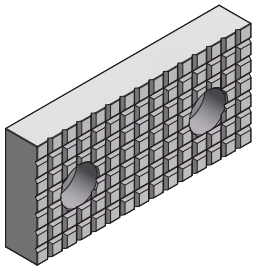


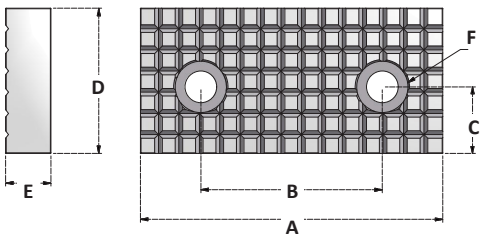


COPPIE DI PIASTRE LISCE

PAIR OF SMOOTH JAW PLATES

Articolo	A	B	C	D	E	F
PJ-100V	100	60	22	48	15	M10x20L
PJ-130V	130	90	25	55	15	M10x20L
PJ-160V	160	90	25	58	15	M10x20L
PJ-200V	200	120	28	63	18	M12x25L

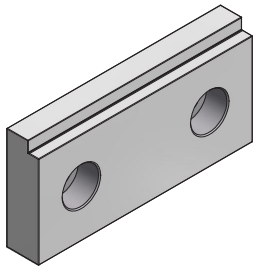


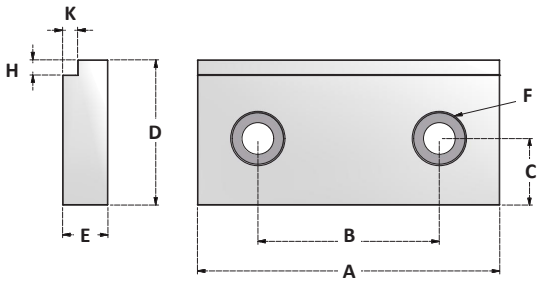


COPPIE DI PIASTRE ZIGRINATE

PAIR OF SERRATED JAW PLATES

Articolo	A	B	C	D	E	F
RJ-100V	100	60	22	48	15	M10x20L
RJ-130V	130	90	25	55	15	M10x20L
RJ-160V	160	90	25	58	15	M10x20L
RJ-200V	200	120	28	63	18	M12x25L





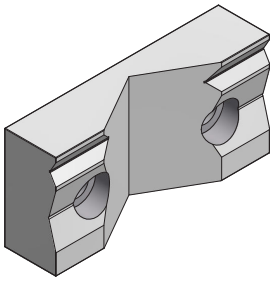
COPPIE DI PIASTRE CON SCALINO

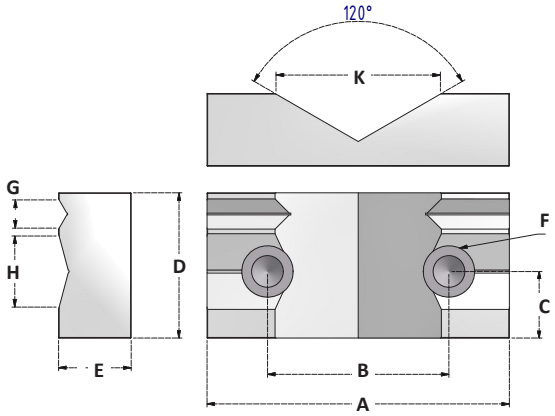
PAIR OF JAW PLATES WITH STEP

Articolo	A	B	C	D	E	F	H	K
SJ-100V	100	60	22	48	15	M10x20L	5	5
SJ-130V	130	90	25	55	15	M10x20L	5	5
SJ-160V	160	90	25	58	15	M10x20L	5	5
SJ-200V	200	120	28	63	18	M12x25L	5	5

PIASTRE PER MORSE IN GHISA

JAW PLATES FOR CAST IRON VISES

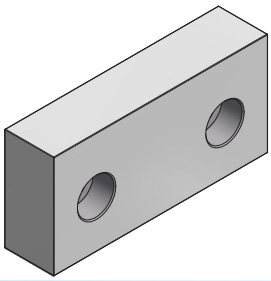


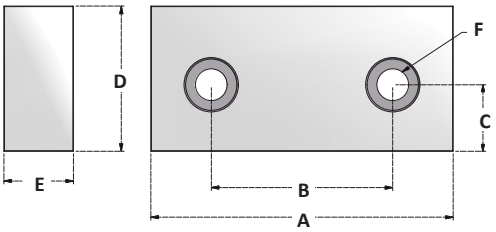


PIASTRA PER APPLICAZIONI SPECIALI

SPECIAL APPLICATION PLATE

Articolo	A	B	C	D	E	F	G	H	L	K
CJ-100V	100	60	22	48	24	M10x16L	/	25	55	94
CJ-130V	130	90	25	55	24	M10x16L	12	25	55	120
CJ-160V	160	90	25	58	30	M10x16L	12	25	55	120
CJ-200V	200	120	28	63	36	M12x16L	12	30	70	120





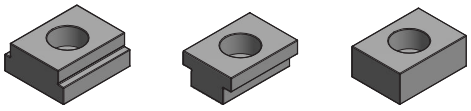
COPPIE DI PIASTRE LAVORABILI

PAIR OF BLANK JAW PLATES

Articolo	A	B	C	D	E	F
FJ-1001	100	60	22	48	15	M10x20L
FJ-1002	100	60	22	63	21	M10x25L
FJ-1003	100	60	22	73	23	M10x30L
FJ-1301	130	90	25	55	15	M10x20L
FJ-1302	130	90	25	73	23	M10x25L
FJ-1303	130	90	25	103	30	M10x35L
FJ-1601	160	90	25	58	15	M10x20L
FJ-1602	160	90	25	73	23	M10x25L
FJ-1603	160	90	25	103	30	M10x35L
FJ-2001	200	120	28	63	18	M12x25L
FJ-2002	200	120	28	103	30	M12x35L
FJ-2003	200	120	28	123	36	M12x45L

CHIAVETTE DI POSIZIONAMENTO

STEP GUIDE KEY



Articolo	A	B	H	L	Fig
KA16x12	16	12	10	5,5	1
KA16x14	16	14	10	5,5	1
KA16x18	16	18	10	5,5	2
KA16x18.B	16	18	10	6,2	2
KA16x20	16	20	10	5,5	2
KA16x22	16	22	10	5,5	2

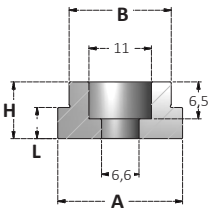


Fig.1

Articolo	A	B	H	L	Fig
KA18x12	18	12	10	5,5	1
KA18x14	18	14	10	5,5	1
KA18x16	18	16	10	5,5	1
KA18x20	18	20	10	5,5	2
KA18x22	18	22	10	5,5	2

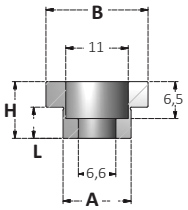


Fig.2

Articolo	A	B	H	L	Fig
KA12x12	12	12	8	/	3
KA14x14	14	14	10	/	3
KA16x16	16	16	10	/	3
KA18x18	18	18	10	/	3
KA20x20	20	20	10	/	3
KA22x22	22	22	12	/	3

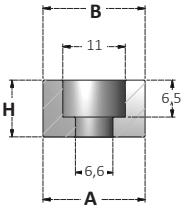
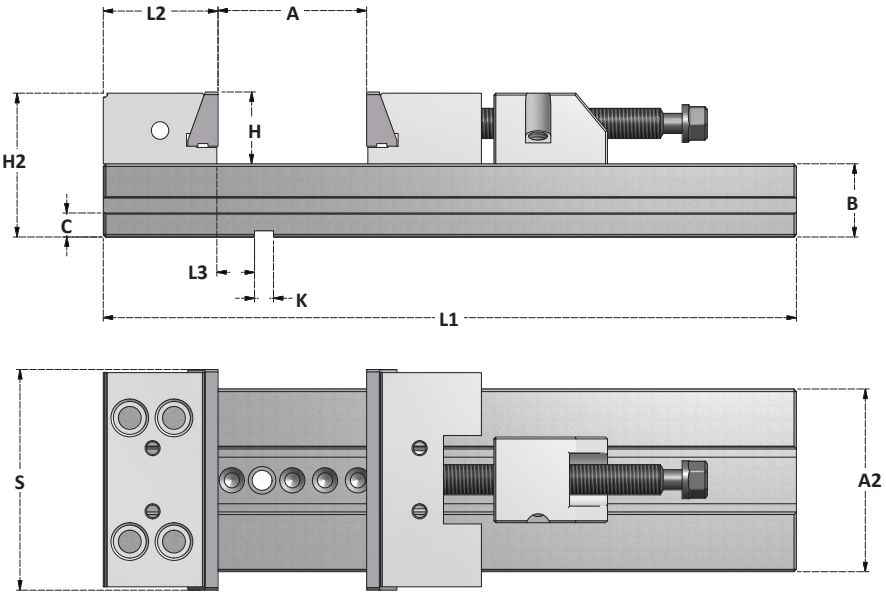


Fig.3

MORSE IN ACCIAIO

STEEL VISES



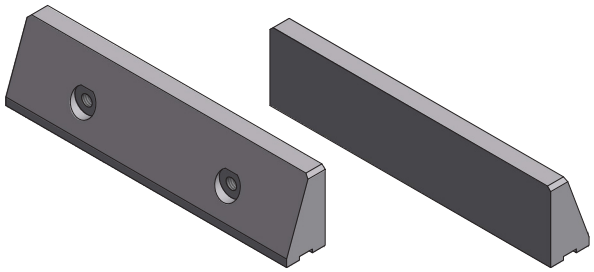
Articolo	S	A	A2	H	L1	L2	L3	H2	C	B	K
VS100-100	100	100	75	30	270	78	25,61	63	15	35	16
VS125-150	125	150	95	40	345	78	25,61	78	15	40	16
VS150-200	150	200	125	50	420	89.5	25,61	98	20	50	16
VS150-300	150	300	125	50	520	89.5	25,61	98	20	50	16
VS150-400	150	400	125	50	620	89.5	25,61	98	20	50	16
VS175-200	175	200	145	60	455	97	25,61	116	20	58	16
VS175-300	175	300	145	60	555	97	25,61	116	20	58	16
VS175-400	175	400	145	60	655	97	25,61	116	20	58	16
VS200-200	200	200	170	65	495	113.5	25,61	133	26	70	16
VS200-300	200	300	170	65	595	113.5	25,61	133	26	70	16
VS200-400	200	400	170	65	695	113.5	25,61	133	26	70	16
VS200-500	200	500	170	65	795	113.5	25,61	133	26	70	16
VS200-600	200	600	170	65	895	113.5	25,61	133	26	70	16

CARATTERISTICHE:
- La ganascia fissa è reversibile ed è dotata di un gradino da 5mm x 5mm
- L'inclinazione delle piastre delle ganascie tende a spingere il pezzo in lavorazione contro la base della morsa.
- La morsa è costruita in acciaio 20MnCr5, cementata (RC58 min) e completamente rettificata.

FEATURES:
- Fixed jaw is reversible and has a grinded flat width 5mm - depth 5mm.
- Tapered jaw-plates keeps down workpiece against vise base.
- Vise is manufactured with high grade alloy steel, case hardened (min RC58) and grinded.

PIASTRE PER MORSE IN ACCIAIO

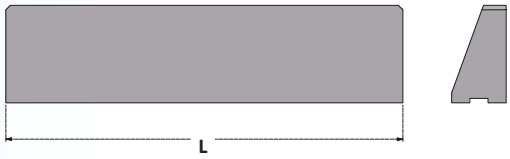
JAW PLATES FOR STEEL VISES



COPPIE DI PIASTRE LISCE PER GANASCE - TEMPRATE E RETTIFICATE

PAIR OF SMOOTH PLATES FOR JAWS - HARDENED AND GROUND

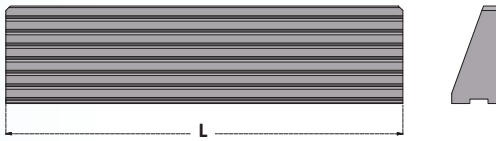
Articolo	L
GNL.VS100	100
GNL.VS125	125
GNL.VS150	150
GNL.VS175	175
GNL.VS200	200



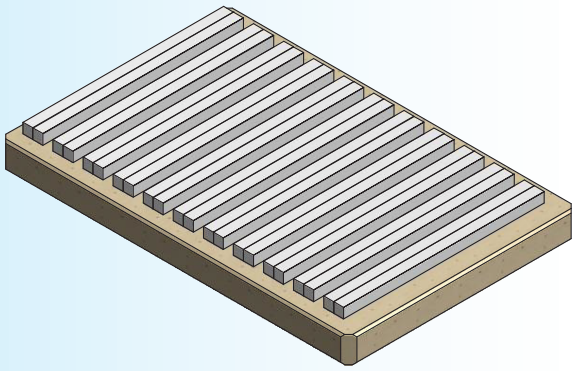
COPPIE DI PIASTRE RIGATE PER GANASCE - TEMPRATE E RETTIFICATE

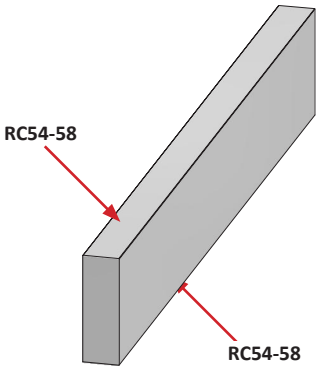
PAIR OF GROOVED PLATES FOR JAWS - HARDENED AND GRINDED

Articolo	L
GNR.VS100	100
GNR.VS125	125
GNR.VS150	150
GNR.VS175	175
GNR.VS200	200



SERIE DI PARALLELE TEMPRATE E RETTIFICATE
SETS OF HARDENED AND GRINDED PARALLELS





Articolo	NR COPPIE MATCHED PAIRS	A	L	B
PRL150-8/28	14	8	150	14- 16- 18- 20- 22- 24- 26- 28- 30- 32- 35- 40- 45- 50
PRL150-10/28	14	10	150	14- 16- 18- 20- 22- 24- 26- 28- 30- 32- 35- 40- 45- 50
PRL160-8/16	8	8	160	12- 17- 22- 25- 28- 32- 36- 38
PRL200-8/16	8	8	200	12- 17- 22- 25- 28- 32- 36- 38
PRL200-10/28	14	10	200	14- 16- 18- 20- 22- 24- 26- 28- 30- 32- 35- 40- 45- 50

CARATTERISTICHE:
- Costruite in acciaio legato
- Durezza sui piani AxL: RC54÷58
- Rettificate in coppia con tolleranza di parallelismo di 0,005mm
- Fornite in cassette di alluminio

FEATURES:
- Manufactured with alloyed steel
- Hardness on AxL flats: RC54÷58
- Precision grinded by pair with tollerance 0,005mm
- Supplied in alluminium cases