

3



2022

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6620

Features:

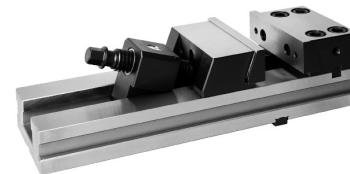
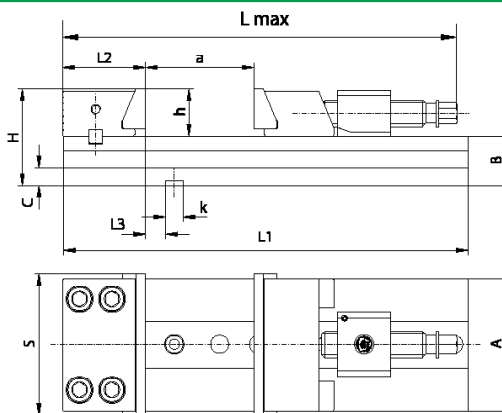
- Revised and upgraded successor model of Type 6577
- Reversible fixed jaw
- Quick re-adjustable, self-adjusting movable jaws
- Can be used with removable jaw inserts
- Made of high-grade alloy steel, stabilized and hardened

Application:

- Designed for precision grinding and milling

Standard accessories:

- Wrench
- Slot nuts with „k“ dimension
- Vise clamps
- Swinging lead plate



Accessories 19-31

Technical Data 32-33

Code No.	Type	S	A	B -0.02	C	H	L max.	L1	L2	L3	a	h	k	Torque on wrench	Max. clamping force	Weight
														[Nm]	[daN]	[lbs]
7-223-040	6620-100-320-165	100	85	35	13	65	389	320	61.80	12.00	165	30	12	40	2,000	21.6
7-223-050	6620-125-335-165	125	105	42	15	82	406	335	68.00	18.00	165	40	12	60	3,000	34.6
7-223-060	6620-150-425-210	150	140	52	18	102	515	425	87.29	21.20	210	50	18	120	4,100	70.3
7-223-062	6620-150-475-260	150	140	52	18	102	565	475	87.29	21.20	260	50	18	120	4,100	77.4
7-223-063	6620-150-520-305	150	140	52	18	102	610	520	87.29	21.20	305	50	18	120	4,100	81.3
7-223-080	6620-200-535-260	200	165	61	20	121	623	535	109.43	38.07	260	60	18	170	4,500	129.7
7-223-082	6620-200-585-310	200	165	61	20	121	673	585	109.43	38.07	310	60	18	170	4,500	135.7
7-223-085	6620-200-635-360	200	165	61	20	121	723	635	109.43	38.07	360	60	18	170	4,500	141.6

6621

Features:

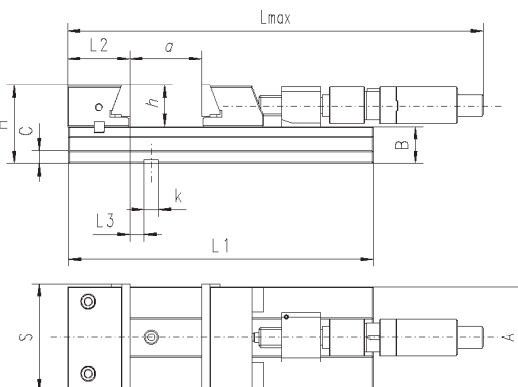
- Optimized and improved successor of the type 6578
- Vise equipped with hydraulic spindle enabling the application of high clamping force and safe clamping with little effort from the operator
- Reversible fixed jaw
- Quick re-adjustable, self-adjusting movable jaws
- Can be used with removable jaw inserts
- Made of high-grade alloy steel, stabilized and hardened

Application:

- Designed for precision grinding and milling

Standard accessories:

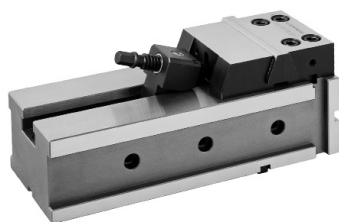
- Wrench
- Slot nuts with „k“ dimension
- Vise clamps
- Swinging lead plate



Accessories 19-31

Technical Data 32-33

Code No.	Type	S	A	B -0.02	C	H	L max.	L1	L2	L3	a	h	k	Max. clamping force	Weight
														[daN]	[lbs]
7-223-060P	6621-150-425-210	150	140	52	18	102	726	425	87.29	21.20	210	50	18	4,100	73.5
7-223-062P	6621-150-475-260	150	140	52	18	102	776	475	87.29	21.20	260	50	18	4,100	80.5
7-223-063P	6621-150-520-305	150	140	52	18	102	821	520	87.29	21.20	305	50	18	4,100	84.5
7-223-080P	6621-200-535-260	200	165	61	20	121	875	535	109.43	38.07	260	60	18	4,500	135.3
7-223-082P	6621-200-585-310	200	165	61	20	121	907	585	109.43	38.07	310	60	18	4,500	141.2
7-223-085P	6621-200-635-360	200	165	61	20	121	957	635	109.43	38.07	360	60	18	4,500	147.2



6820

Features:

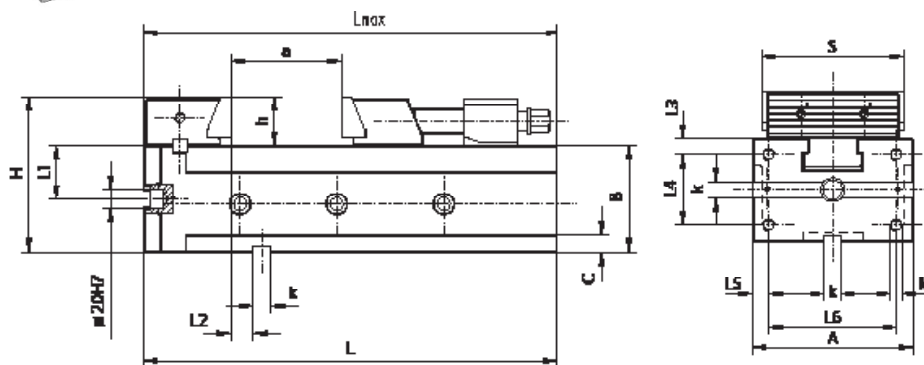
- Revised and upgraded successor model of Type 6800
- Horizontal, vertical or side mounting
- Set of 4 vises can be used vertically
- Reversible fixed jaw
- Quick re-adjustable, self-adjusting movable jaws
- Can be used with removable jaw inserts
- Made of high-grade alloy steel, stabilized and hardened

Application:

- Designed for precision grinding and milling

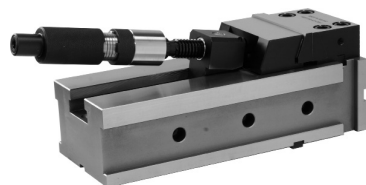
Standard accessories:

- Wrench
- Slot nuts with „k“ dimension
- Vise clamps
- Swinging lead plate



Accessories 19-31
Technical Data 32-33

Code No.	Type	S	A	a	B -0.02	C	H	h	K	L max.	L	L1 -0.02	L2 ±0.02	L3 ±0.1	L4 ±0.1	L5 ±0.1	L6 ±0.1	M	Torque on wrench	Max. clamping force	Weight
																			[Nm]	[daN]	[lbs]
7-223-204	6820-100-320-160	100	110	160	75	13	105	30	12	390	320	37.5	14	10	55	15	80	M10	40	2,000	42.2
7-223-206	6820-125-335-160	125	130	160	90	15	130	40	12	406	335	45	19	15	55	17	96	M12	60	3,000	68.6
7-223-208	6820-150-425-205	150	170	205	110	18	160	50	18	515	425	55	23	17.5	75	17.5	135	M12	120	4,100	139.5



6821

Features:

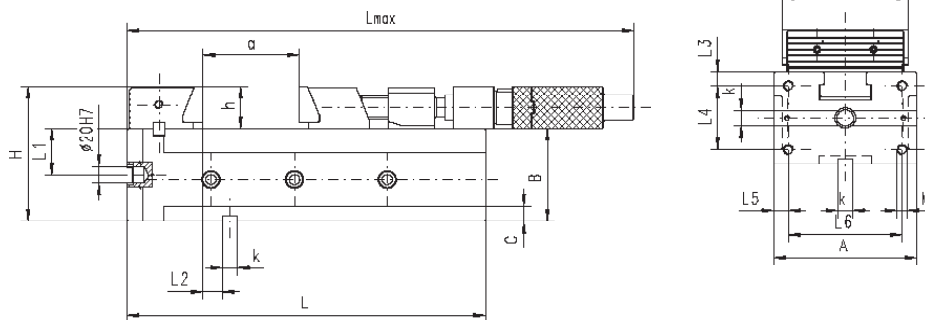
- Revised and upgraded successor model of Type 6801
- Vise equipped with hydraulic spindle enabling the application of high clamping force and safe clamping with little effort from the operator
- Horizontal, vertical or side mounting
- Set of 4 vises can be used vertically
- Reversible fixed jaw
- Quick re-adjustable, self-adjusting movable jaws
- Can be used with removable jaw inserts
- Made of high-grade alloy steel, stabilized and hardened

Application:

- Designed for precision grinding and milling

Standard accessories:

- Wrench
- Slot nuts with „k“ dimension
- Vise clamps
- Swinging lead plate

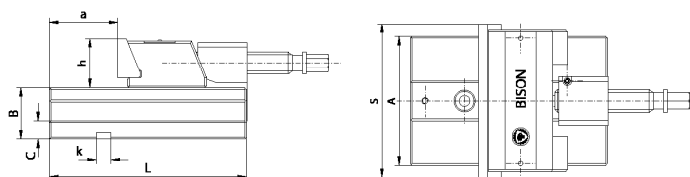


Accessories 19-31
Technical Data 32-33

Code No.	Type	S	A	a	B -0.02	C	H	h	K	L max.	L	L1 -0.02	L2 ±0.02	L3 ±0.1	L4 ±0.1	L5 ±0.1	L6 ±0.1	M	Max. clamping force	Weight
																			[daN]	[lbs]
7-223-209	6821-150-425-205	150	170	205	110	18	160	50	18	726	425	55	23	17.5	75	17.5	135	M12	4,100	142.6

6622

- Revised and upgraded successor model of Type 6568
- Movable element

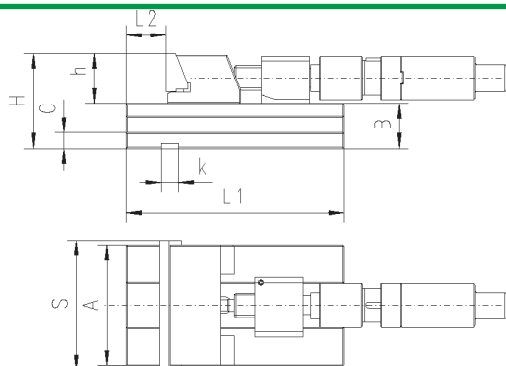


Accessories 19-31
Technical Data 32-33

Code No.	Type	S	A	B	C	L	a	h	k	Max. clamping force	Weight
		[mm]								[daN]	[lbs]
7-223-124	6622-100	100	85	35	13	140	48	30	12	2,000	11.7
7-223-125	6622-125	125	105	42	15	160	60	40	12	3,000	19.1
7-223-126	6622-150	150	140	52	18	210	86	50	18	4,100	45.3
7-223-128	6622-200	200	165	61	20	240	78	60	18	4,500	75.5

6623

- Revised and upgraded successor model of Type 6571
- Movable element with hydraulic spindle
- Similar to Type 6622

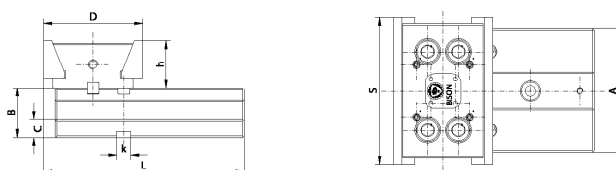


Accessories 19-31
Technical Data 32-33

Code No.	Type	S	A	B	C	H	L1	L2	h	k	Max. clamping force	Weight
		[mm]									[daN]	[lbs]
7-223-136	6623-150	150	140	52	18	102	210	86	50	18	4,100	45.3
7-223-138	6623-200	200	165	61	20	121	240	78	60	18	4,500	75.5

6624

- Revised and upgraded successor model of Type 6569-M
- Fixed element



Accessories 19-31
Technical Data 32-33

Code No.	Type	S	A	B	C	D	L	h	k	Max. clamping force	Weight
		[mm]								[daN]	[lbs]
7-223-144	6624-100	100	85	35	13	80	163,0	30	12	2,000	9.7
7-223-145	6624-125	125	105	42	15	84	170,0	40	12	3,000	14.7
7-223-146	6624-150	150	140	52	18	110	221,5	50	18	4,000	31.9
7-223-148	6624-200	200	165	61	20	127	253,5	60	18	4,500	58.3

DOUBLE CLAMPING

6632

Features:

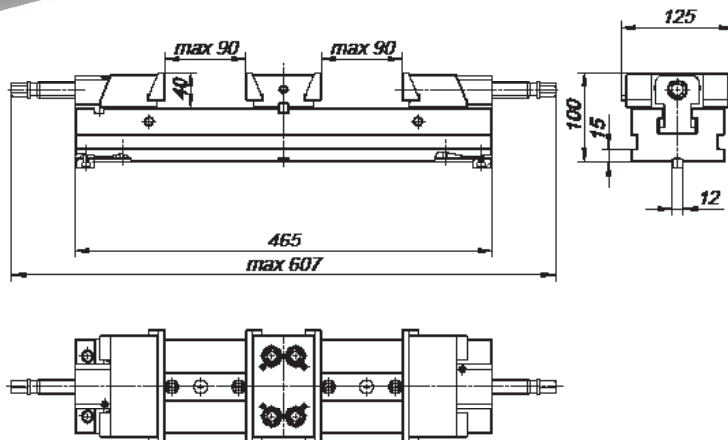
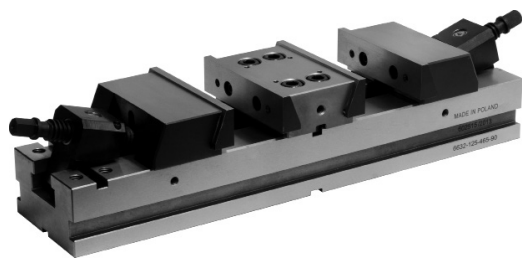
- Reversible fixed jaw
- Quick re-adjustable, self-adjusting movable jaws
- Can be used with removable jaw inserts
- Made of high-grade alloy steel, stabilized and hardened

Application:

- Designed for precision grinding and milling

Standard accessories:

- Wrench
- Slots nuts with "k" dimension
- Vise clamps
- Swinging lead plate



* - All dimensions on the drawing are in [mm]

Code No.	Type	Torque on wrench [Nm]	Max. clamping force [daN]	Weight [lbs]
7-223-305	6632-125-465-90	60	3,000	60.5

Accessories 19-31
Technical Data 32-33

SELF-CENTERING

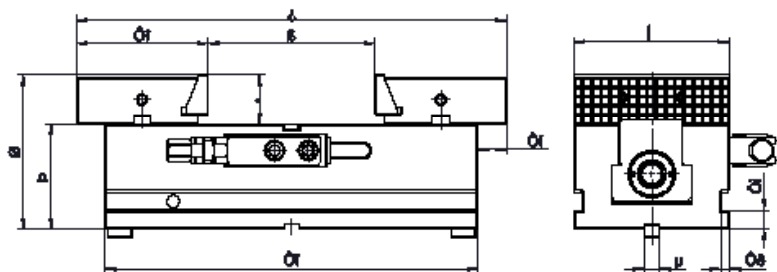
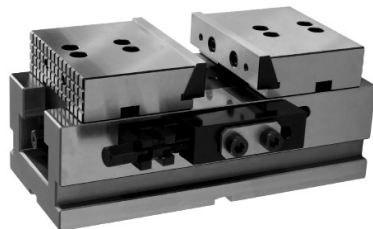
6651

Features:

- No workpiece distortion when using a combination of several vices
- Reduced workpiece set-up time
- Quick change jaws
- High precision of workpiece alignment
- Easy clamping of long workpieces
- Reduced cost of tooling
- Increased production flexibility

Standard accessories:

- Wrench
- Slot nuts with "k" dimension
- Vise clamps



Code No.	Type	S	B ±0.02	H	A Max	L1	L2	L3 Max	L4	L5	k	a	h	Max. clamping force	Weight
		[mm]										min-max		[daN]	[lbs]
7-224-004	6651-100-230	100	72	102	65	230	101	21	15	7	12	205-270	30	24	34.2
7-224-005	6651-125-300	125	85	125	130	300	106	23	15	7	12	215-345	40	29	61.7
7-224-006	6651-150-350	150	95	145	175	350	111.8	26	18	8	18	225-400	50	32.8	96.3
7-224-008	6651-200-400	200	105	165	190	400	135	30	20	8	18	270-460	60	36	174.2

6830

PRECISION COMPACT VISE

Features:

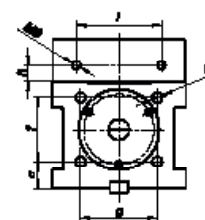
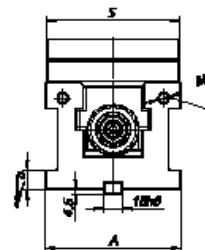
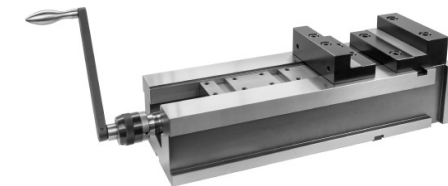
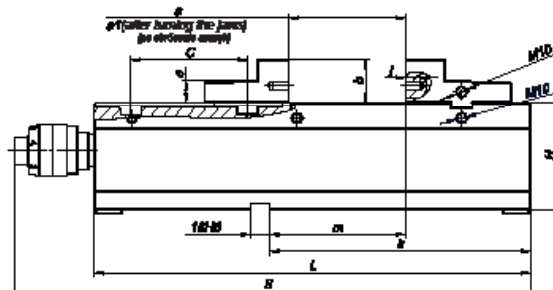
- High body rigidity
- High repeatability of workpiece positioning
- Reversible fixed and movable jaw
- Possibility of using replaceable clamping inserts
- Body and jaws are made of high-quality alloy steel hardened to 58 ÷ 62 HRC
- The ability to work in a vertical position without the need for a pallet
- Possibility of setting the vice on side surfaces of the body

Application:

- Designed for precise milling and grinding work

Standard accessories:

- Wrench
- Slot nuts
- Vise clamps



Code No.	Type	S	L	H -0.01	A	B	C	a	a1	b	c	M	e	f	g	h	i	j	k	m ±0.015	Clamping force [kN] ±15%				Weight [lbs]
		[mm]											[mm]								Position 1	Position 2	Position 3	Position 4	
7-223-406	6830-125-410-336	125	410	100	127	486	110	0÷220	116÷336	40	20	M10	25	60	72	15.6	80	14	245.5	127.5	10	20	30	40	86
7-223-408	6830-160-540-464	160	540	115	162	621	2x110	0÷333	131÷464	50	25	M12	25	75	110	19.6	100	16	197	70	20	40	60	-	167

6710

PNEUMATICALLY OPERATED

Features:

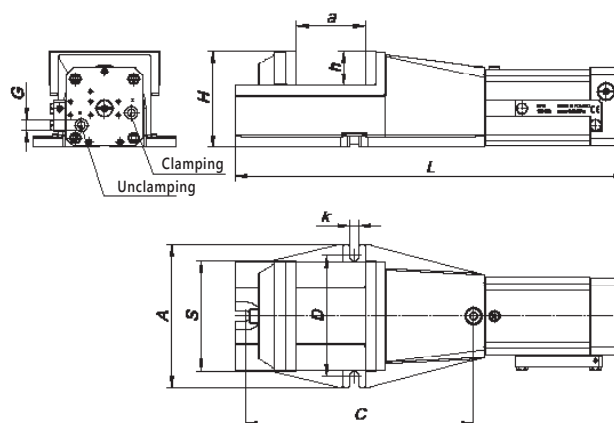
- Pneumatic system makes operation of the vice easy
- Removable grooved jaw inserts are hardened and ground
- Sturdy body
- Wide range of clamping
- Equipped with a safety valve

Application:

- These heavy duty machine vises are used in operations where a large clamping force is required

Standard accessories:

- Slot nuts



Accessories 19-31

Code No.	Type	A	H	L	a max	h	k	C	D	G	Jaw stroke	Air consumption	Clamping force for 0,63 MPa	Weight [lbs]
		[mm]						[in]		[mm]		[dm³]	[daN]	
7-265-005	6710-125	180	129	553	100	40	14	274	150	G3/8"	7	1.3	3,000	72.6
7-265-010	6710-160	225	150	621	125	50	18	337	185	G3/8"	8	1.6	3,700	110.4
7-265-015	6710-200	260	176	709	160	63	18	415	220	G3/8"	9	2.5	4,600	162.8



HOLD-TIGHT MACHINE VISE

6523

Features:

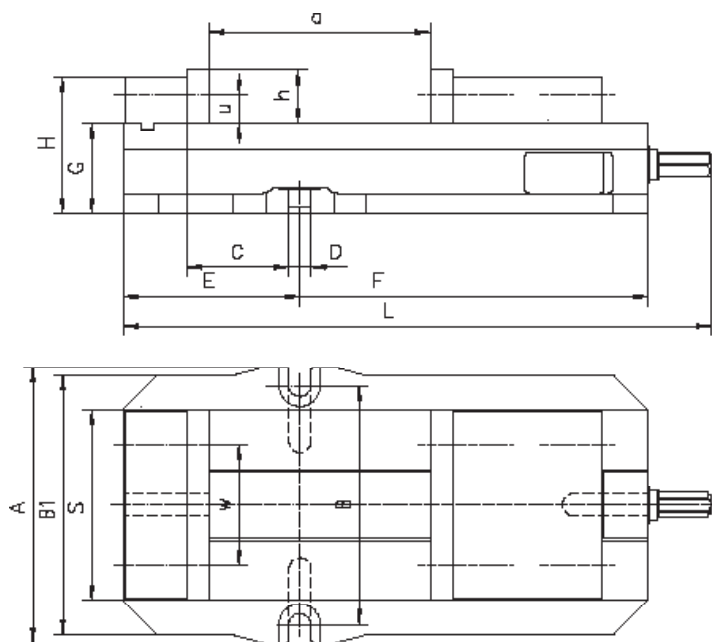
- Possible to secure the jaws in 4 different positions, increasing the clamping range of workpieces
- Steel jaw inserts, formed according to client's requirements, are hardened and ground, ensuring longer life with maintained accuracy and repeatability
- Body and movable jaw are made of high-quality cast iron

Application:

- Designed for use with milling machines, drill presses, grinders, etc. and other work that requires high accuracy and safe clamping

Standard accessories:

- Handcrank
- Slot nuts



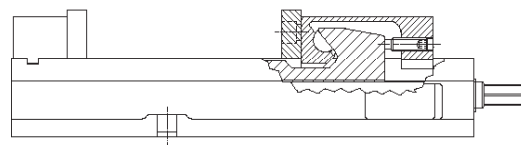
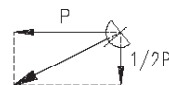
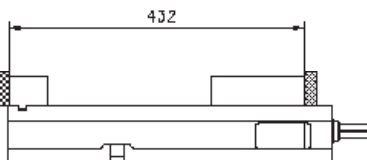
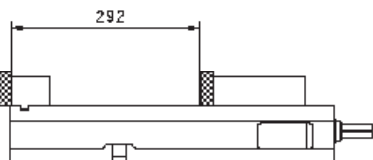
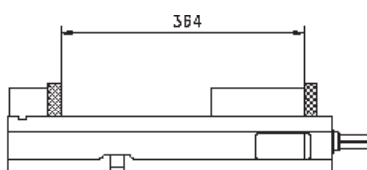
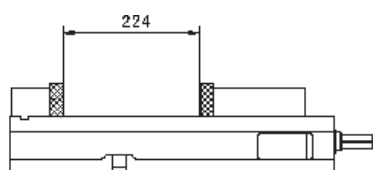
MAXIMUM LENGTH OF WORKPIECE (MM) DEPENDS ON HOW THE JAW INSERTS ARE SECURED

Matching swivel base



Type 6588 Page 21

Accessories 19-31



Code No.	Type	S	A	B	B1	C	D H7	E	F	G ±0.013	H -0.08	L	a	h	u	w	Max. clamping force	Weight
																	[daN]	[lbs]

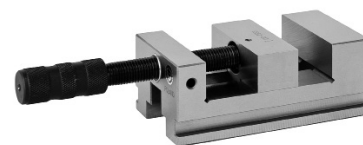
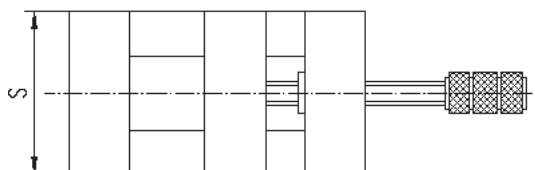
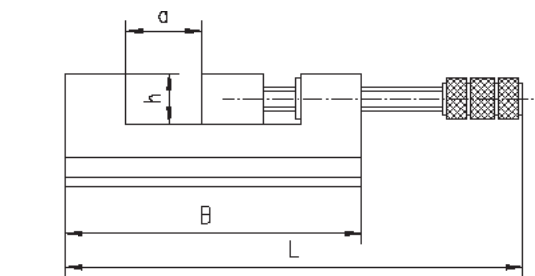
7-220-0068 6523-155L 155L 226 195 212 83 18 144 428 73.025 111 479 224 44 23.8 98.4 4,500 75.3

6552

PLAIN JAW

Features:

- Used for precision grinding, milling and measuring work
- Made of alloy tool steel, hardened and precision ground



Accessories 19-31

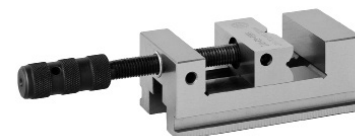
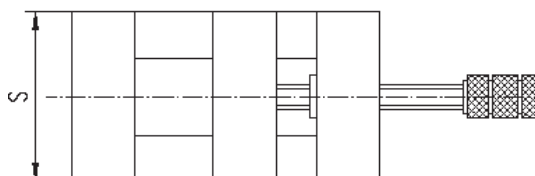
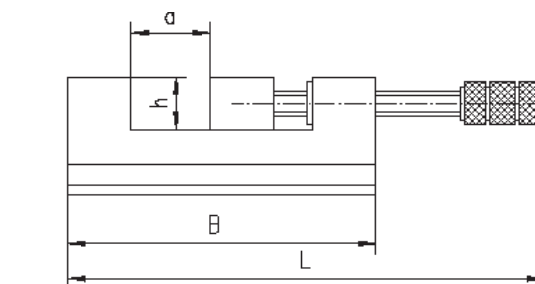
Code No.	Type	S	B	H	L	a max.	h	Weight
		[mm]						[lbs]
7-200-002	6552-63	63	120	47	182	50	20	4.0
7-200-003	6552-80	80	146	56	215	63	25	9.2
7-200-004	6552-100	100	174	71	243	80	32	18.7

6553

VERTICAL PRISM

Features:

- Constructed in the same manner as above, except in movable jaw a ground vertical prism is provided



Accessories 19-31

Code No.	Type	S	B	H	L	a max.	h	Weight
		[mm]						[lbs]
7-200-102	6553-63	63	120	47	182	50	20	4.0
7-200-103	6553-80	80	146	56	215	63	25	9.2
7-200-104	6553-100	100	174	71	243	80	32	18.7



Accessories 19-31

SINE VISE - FRONT SWIVELLING AXIS

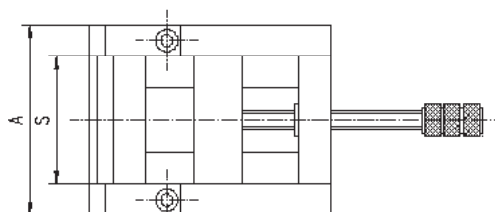
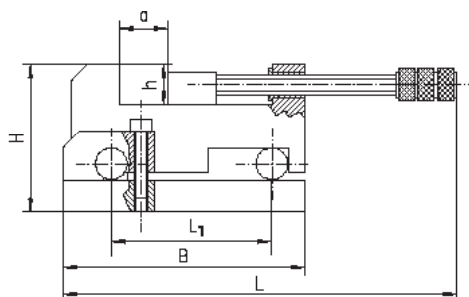
6554

Features:

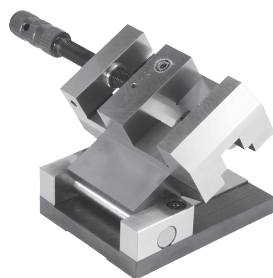
- Possibility to lock the vise at any angle
- Accurate angle setting by means of gauge blocks
- Pivots hardened and ground with an accuracy of 0,001 mm
- Made of alloy tool steel, hardened and precision ground

Application:

- Designed for precision grinding, milling and measuring work



Code No.	Type	S	A	B	H	L	L1	a max.	h	Weight
		[mm]								[lbs]
7-200-202	6554-63	63	103	140	83	215	100	50	20	5.5
7-200-203	6554-80	80	120	150	92	216	100	63	25	15.4
7-200-204	6554-100	100	144	164	108	243	100	80	32	22.4



Accessories 19-31

SINE VISE - LONGITUDAL SWIVELLING AXIS

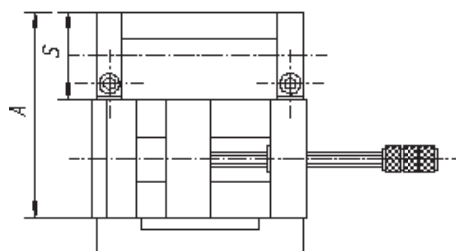
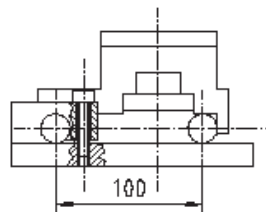
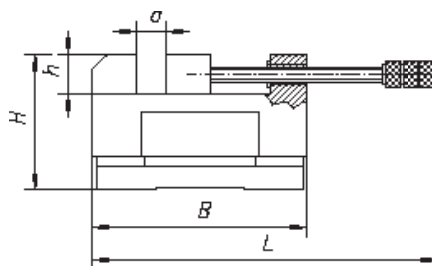
6555

Features:

- Possibility to lock the vise at any angle
- Accurate angle setting by means of gauge blocks
- Pivots hardened and ground with an accuracy of 0,001 mm
- Made of alloy tool steel, hardened and ground

Application:

- Designed for precision grinding, milling and measuring work



Code No.	Type	S	A	B	H	L	a max.	h	Weight
		[mm]							
7-200-303	6555-80	80	153	146	92	215	63	27	18.8

6522
TWO-PIECE MACHINE VISE
Features:

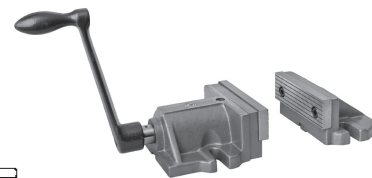
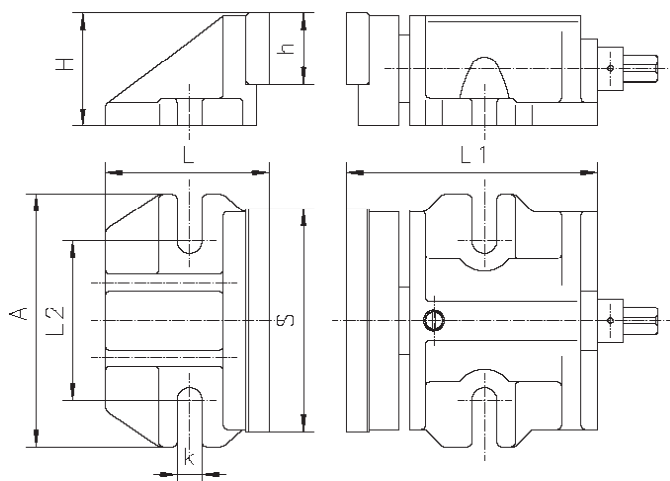
- Facilitates utilization of the full length of the machine bed
- Removable grooved jaw inserts are hardened and ground
- Clamp base body and rigid base are high-quality castings

Application:

- Designed for use where a large clamping force is required

Standard accessories:

- Handcrank
- Slot nuts



Accessories 19-31

Code No.	Type	S	A	H	L	L1	L2	h	k	Max. clamping force	Weight
		[mm]								[daN]	[lbs]
7-255-006	6522-160	160	180	80	160	194	114	50	17	4,000	31.9
7-255-008	6522-200	200	196	100	172	258	130	63	17	5,000	57.6

6512
WITH MOVABLE REAR JAW
Features:

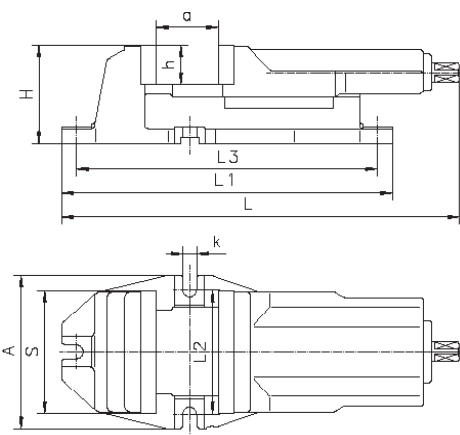
- Removable grooved jaw inserts are hardened and ground
- Lead screw protected against dirt and chips
- Body and movable jaw are high-quality castings

Application:

- Designed for use with milling machines, drill presses, etc.

Standard accessories:

- Handcrank
- Slot nuts



Matching swivel base



Type 6582 Page 19

Accessories 19-31

Code No.	Type	S	A	H	L	L1	L2	L3	a	h	k	Max. clamping force	Weight
		[mm]										[daN]	[lbs]
7-222-005	6512-100	100	156	84	294	290	126	260	80	32	14	2,500	21.8
7-222-010	6512-125	125	156	100	347	335	126	305	95	40	14	3,500	35.0
7-222-015	6512-160	160	193	121	423	405	150	365	125	50	18	4,000	63.8
7-222-020	6512-200	200	256	147	515	500	210	460	160	63	18	5,500	123.2
7-222-025	6512-250	250	316	174	615	610	268	566	200	80	22	6,200	156.2



Matching swivel base



Type 6585 Page 20

Accessories 19-31

WITH HYDRAULIC SPINDLE

6516

Features:

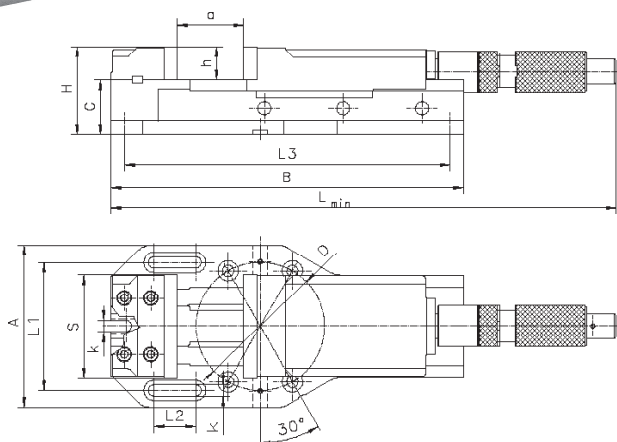
- A unique, built-in hydraulic spindle makes operation of the vise easy
- Removable grooved jaw inserts are hardened and ground
- Easy adjusting of clamping range by means of 2 pins
- Sturdy, maintenance-free spindle
- Body and movable jaw are high-quality castings

Application:

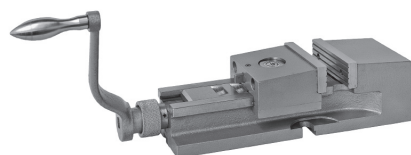
- These heavy duty machine vises are used in operations where a large clamping force is required

Standard accessories:

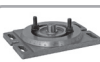
- Handcrank
- Slot nuts



Code No.	Type	S	A	B	C	H	L	L1	L2	L3	D	a	h	k	Max. clamping force	Weight
		[mm]													[daN]	[lbs]
7-251-005	6516-M125	125	196	425	67	109	530	155	50	389	155	205	42	14	3,500	43.8
7-251-006	6516-M160	160	246	565	80	130	615	200	65	525	200	280	50	18	5,500	115.3
7-251-008	6516-M200	200	304	675	99	162	795	250	90	635	250	375	63	18	7,500	204.6



Matching swivel base



Type 6587 Page 21

Accessories 19-31

CAMLOCK MACHINE VISE

6517

Features:

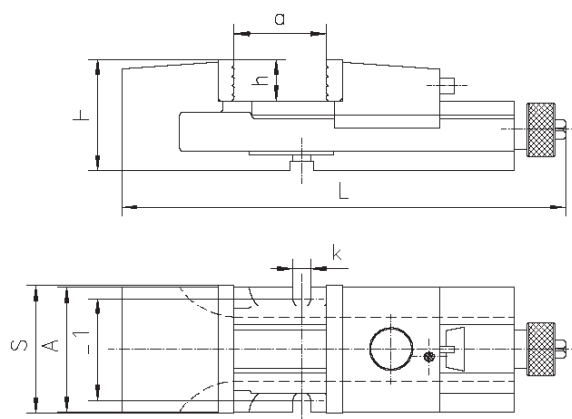
- The movable rear jaw can be placed in different positions through a unique cam locking system, making the rear jaw positioning fast and easy
- Removable grooved jaw inserts, one side smooth, the other side grooved, are hardened and ground
- Fully covered lead screw protected against dirt and chips
- Fully ground steel position beam
- Body and rear jaw are high-quality castings

Application:

- Designed for use with milling machines, drill presses, etc.

Standard accessories:

- Handcrank
- Slot nuts



Code No.	Type	S	A	H	L	L1	a	h	k	Max. clamping force	Weight
		[mm]								[daN]	[lbs]
7-250-004	6517-M100	100	98	85	346	80	125	32	14	1,800	23.3
7-250-005	6517-M125	125	122	105	418	101	160	40	14	2,500	44.9
7-250-006	6517-M160	160	156	125	524	126	180	50	18	4,200	83.6
7-250-008	6517-M200	200	194	150	695	160	280	63	18	6,200	171.6

6530
TWO ANGLE SWIVEL MACHINE VISE
Features:

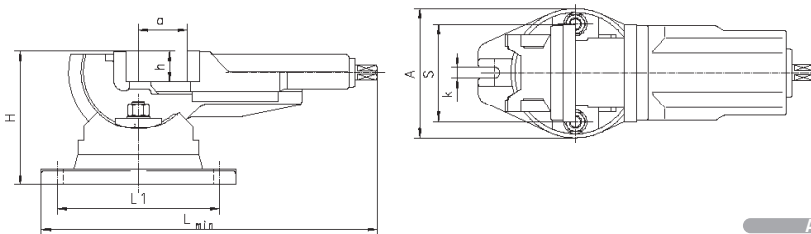
- Up to 90° angle of incline from the horizontal position
- 360° swivel base with ground contact edge and graduation
- Removable grooved jaw inserts are hardened and ground,
- Fully covered lead screw protected against dirt & chips

Application:

- Designed for milling, planing and drilling when two angle settings occur

Standard accessories:

- Handcrank
- Slot nuts


Accessories 19-31

Code No.	Type	S	A	H	L _{min}	L1	a	h	k	Max. clamping force	Weight
		[mm]								[daN]	[lbs]
7-249-005	6530-100	100	144	145	372	181	80	32	14	2,500	27.5
7-249-010	6530-125	125	168	169	437	208	100	40	14	3,500	44.0
7-249-015	6530-160	160	212	200	450	208	125	50	18	4,500	75.2

6531
SELF-CENTERING MACHINE VISE
Features:

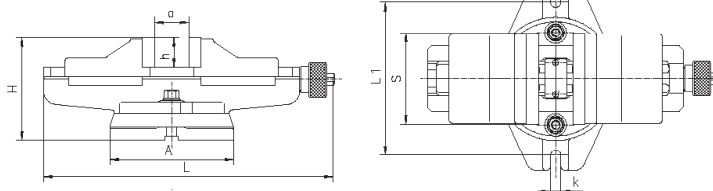
- 360° swivel base with ground contact edge and graduation
- Removable grooved jaw inserts are hardened and ground
- Sturdy design of cast iron

Application:

- Designed for various types of milling and planing of forms, slots and grooves

Standard accessories:

- Handcrank
- Slot nuts


Accessories 19-31

Code No.	Type	S	A	H	L	L1	a	h	k	Max. clamping force	Weight
		[mm]								[daN]	[lbs]
7-210-005	6531-125	125	168	136	458	208	100	40	14	2,500	42.3
7-210-006	6531-160	160	212	169	534	248	125	50	18	4,000	73.7
7-210-008	6531-200	200	286	185	591	333	160	63	18	5,500	59.0

6534
THREE ANGLE MULTI-PURPOSE MACHINE VISE
Features:

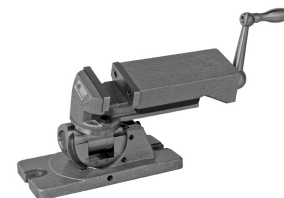
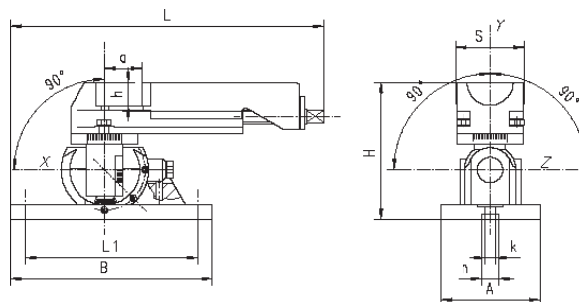
- Made of high-quality iron castings
- Rotation in „Y“ axis within 360°
- Can tilt in two directions within 90° around „X“ axis and tilt within 90° from vertical to horizontal position around „Z“ axis
- Accuracy in every angular position in 3 axes equal to 30'

Application:

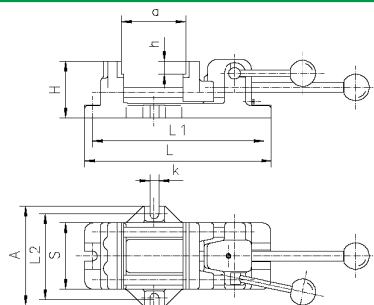
- For the grinding of surfaces rotated in one or several planes from the base, spotting and drilling holes in such surfaces and for precise milling at low cutting forces

Standard accessories:

- Handcrank
- Clamping bolts


Accessories 19-31

Code No.	Type	S	A	B	H	L	L1	a	h	k	n	Max. clamping force	Weight
		[mm]										[daN]	[lbs]
7-212-008	6534-80M	80	116	235	160	321.5	199	63	25	13	20	1,000	26.9



QUICK-ACTING MACHINE VISE

6540

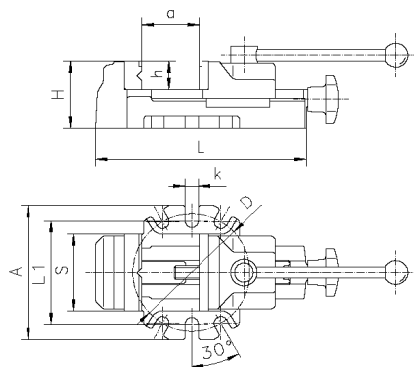
Features:

- The initial clamping is done by the movable jaw, placed closely to the workpiece
- Final clamping of the workpiece is performed by the lever movement of the quick-acting cam-mechanism, which minimizes the required setting time
- Recessed jaw inserts for convenient leveling of workpiece
- Guiding rods and cam mechanism are hardened and ground
- Removable jaw inserts are hardened and blackened
- Body and movable jaw are high-quality castings

Application:

- Designed for milling and drilling operations and instant setting of the workpiece

Code No.	Type	S	A	H	L	L1	L2	a	h	k	Max. clamping force	Weight
		[mm]									[daN]	[lbs]
7-260-003	6540-80	80	120	68	226	208	102	80	16.5	12	350	8.8
7-260-004	6540-100	100	160	85	293	257	124	125	16.5	14	400	15.4
7-260-005	6540-125	125	185	90	330	292	147	150	16.5	14	500	22.0
7-260-006	6540-160	160	224	95	380	340	184	160	16.5	18	600	34.1



QUICK-ACTING MACHINE VISE

6542

Features:

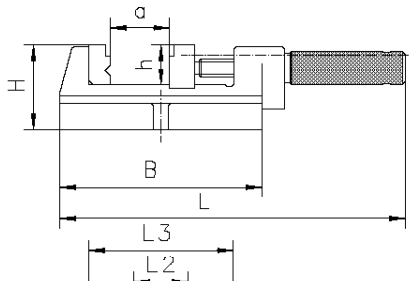
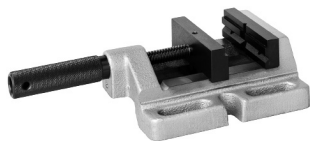
- The clamping of the workpiece is performed by a single rotary movement of the lever
- The V-block is fastened to the fixed jaw, which enables the clamping of bars
- V-block enables horizontal or vertical clamping of flat or round workpieces
- Cam mechanism is hardened and ground
- Removable jaw inserts are hardened and blackened
- Body and movable jaw are high-quality castings

Application:

- Designed for milling and drilling operations, especially for series machining and instant setting of the workpiece

Accessories 19-31

Code No.	Type	S	A	H	L	L1	D	a	h	k	Max. quick grip jaw stroke	Max. clamping force	Weight
		[mm]										[daN]	[lbs]
7-205-000	6542-80	80	140	70	220	108	122	80	30	14	4	800	11.4
7-205-005	6542-100	100	165	80	270	133	140	100	35	14	4	1,200	19.6



DRILLING MACHINE VISE

6543

Features:

- Vertical and horizontal V-grooves on the fixed jaw insert and recesses of both jaws enable a wide variety of workpieces to be clamped
- Body is made of high-quality castings

Application:

- Ideal for most drilling and light milling operations

Accessories 19-31

Code No.	Type	S	A	B	H	L	L1	L2	L3	a	h	k	Max. clamping force	Weight
		[mm]											[daN]	[lbs]
7-207-003	6543-85M	85	140	152	64	265	114	41	109	70	30	11	400	7.5
7-207-004	6543-100M	100	152	170	64	285	124	57	127	85	30	13	500	8.8
7-207-005	6543-120M	120	176	212	64	360	148	71	169	120	30	13	650	11.0
7-207-006	6543-150M	150	208	262	66	442	178	75	209	150	38	13	800	18.5

6546
SHAFT HOLDING MACHINE VISE
Features:

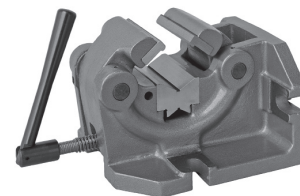
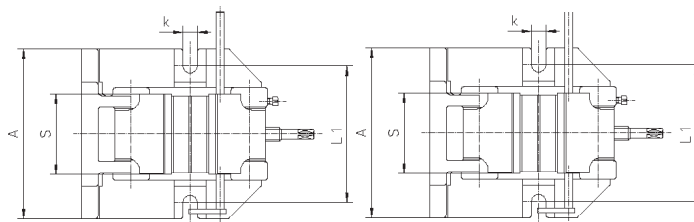
- Able to be set up in both horizontal and vertical positions
- Hardened and ground jaw inserts and V-block
- Sturdy, cast iron design

Application:

- Ideal for most drilling and light milling operations

Standard accessories:

- Handcrank
- Slot nuts



Accessories 19-31

Code No.	Type	S	A	H	L	L1	d	k	Max. clamping force	Weight
		[mm]							[daN]	[lbs]
7-225-004	6546-100	100	210	170	287	170	10-63	18	1,000	46.0
7-225-005	6546-125	125	200	235	389	160	15-100	18	1,500	83.2
7-225-006	6546-160	160	242	320	456	202	50-160	18	2,000	171.6

6910
MACHINE VISE WITH PRISMATIC GUIDANCE OF MOVABLE JAW
Features:

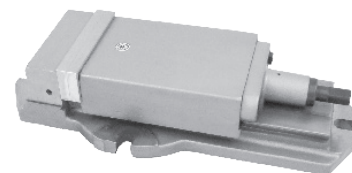
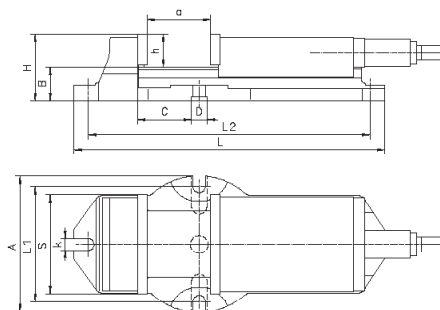
- Smooth jaw inserts are hardened and ground, ensuring longer life with maintained accuracy and repeatability
- Fully covered lead screw in a bronze nut protects against dirt and chips
- Body and movable jaw are high-quality castings

Application:

- Designed for use with milling machines, drill presses, etc

Standard accessories:

- Adjustable end-stop
- Handcrank
- Slot nuts



Matching swivel base



Type 6583 Page 19

Accessories 19-31

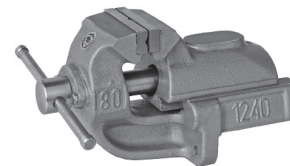
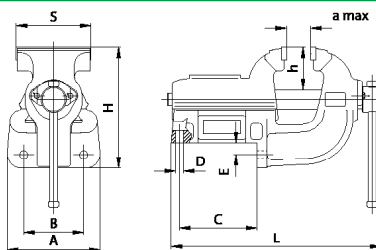
Code No.	Type	S	A	B	C	D	H	L	L1	L2	a	h	k	Max. clamping force	Weight
		[mm]												[daN]	[lbs]
7-203-004	6910-105	105	144	46	28.5	25	84	300	122	280	75	38	16	2,500	26.8
7-203-006	6910-155	155	215	52	85.5	25	105	495	183	449	165	53	20	3,800	80.1
7-203-008	6910-210	210	268	67	103.5	25	126	593	236	549	205	59	20	5,300	150.0

1240
HEAVY DUTY TABLE VISE
Features:

- Steel jaw inserts induction hardened and ground
- Jaw inserts with vertical and horizontal recesses for clamping round workpieces
- Lead-screw completely covered to keep dirt out
- Fixed base and movable back jaw

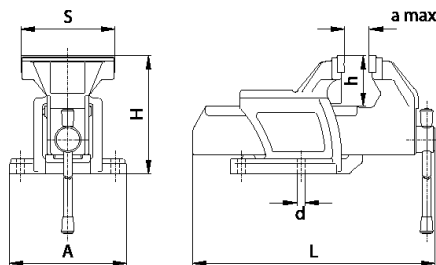
Application:

- This high-quality, rugged vise with dovetail guides is well-suited to extra heavy work



Accessories 19-31

Code No.	Type	S	A	B	C	D	E	H	L	a	h	Max. clamping force	Weight
		[mm]										[daN]	[lbs]
7-235-004	1240-80L	80	115	85	87	9	16	140	250	100	51	2,000	15.0
7-235-006	1240-100L	100	115	85	87	9	16	140	250	100	51	2,400	16.3
7-235-008	1240-125L	125	155	100	129	13	20	200	354	140	71	2,800	39.6
7-235-010	1240-150L	150	180	125	187	13	20	222	437	175	79	3,600	68.2
7-235-012	1240-175L	175	180	125	187	13	20	222	437	175	79	4,000	70.4
7-235-014	1240-200L	200	214	150	232	15	26	268	585	250	90	4,300	129.8
7-235-016	1240-250L	250	214	150	232	15	26	268	585	250	90	4,500	135.3



HEAVY DUTY BENCH VISE

1250

Features:

- Ruggedly constructed with body and jaws made of high-quality cast iron and other parts of alloy steel
- Steel jaw inserts induction hardened and ground, file cut for good grip
- Jaw inserts with vertical and horizontal recesses for clamping round workpieces
- Lead-screw completely covered to keep dirt out

Application:

- Designed for use with milling machines, drill presses, etc.

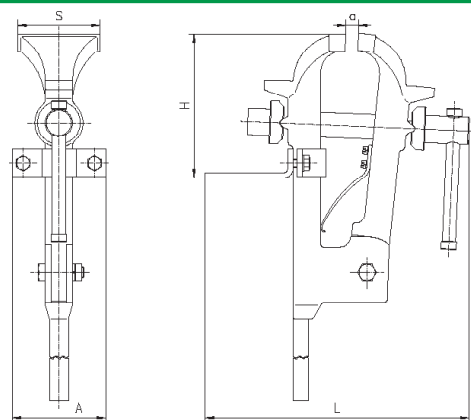
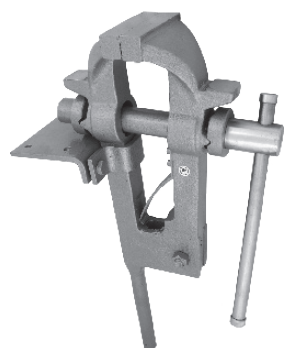
Matching swivel base



Type 1282 Page 22

Accessories 19-31

Code No.	Type	S	A	H	L	a	d	h	Max. clamping force	Weight
		[mm]							[daN]	[lbs]
7-231-005	1250-63L	63	120	112	229	63	9	45	1,200	8.8
7-231-010	1250-80L	80	137	137	280	80	11	58	1,800	14.5
7-231-015	1250-100L	100	137	137	282	80	11	58	2,200	16.5
7-231-020	1250-125L	125	156	156	323	100	11	65	2,600	23.1
7-231-025	1250-150L	150	170	182	380	125	13	75	3,400	35.6
7-231-030	1250-175L	175	190	202	434	150	13	90	3,800	50.6



BLACKSMITH'S VISE

1253

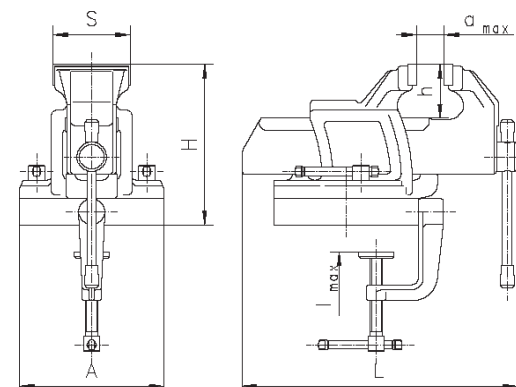
Features:

- Fixed and movable jaws are made of high-grade steel castings
- Knurl cut in jaw clamping surfaces ensures firm and safe clamping

Application:

- Designed to be used for extra heavy locksmith's and blacksmith's work

Code No.	Type	S	A	B	H	L	a max.	Max. clamping force	Weight
		[mm]						[daN]	[lbs]
7-234-006	1253-150M	150	170	820	255	465	135	3,700	80.5



PORTABLE VISE WITH SWIVEL BASE

1256

Features:

- Design is similar to Type 1255
- Swivel base enables the vise to be positioned at any angle
- Must not be fixed to a table thicker than 52mm

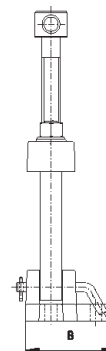
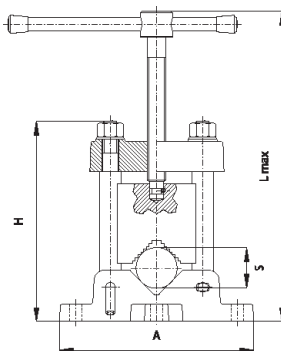
Code No.	Type	S	A	H	L	a max.	h	l	Max. clamping force	Weight
		[mm]							[daN]	[lbs]
7-235-002	1256-63	63	120	131	228	63	45	42	1,200	11

1710
BENCH VISE FOR PIPES
Features:

- Body is made of high-quality cast iron while other parts, including movable jaw are made of steel and hardened

Application:

- This vise is designed for the clamping and working of pipes and tubes of any length



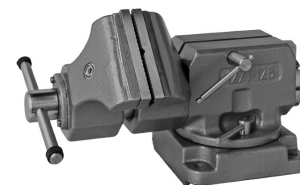
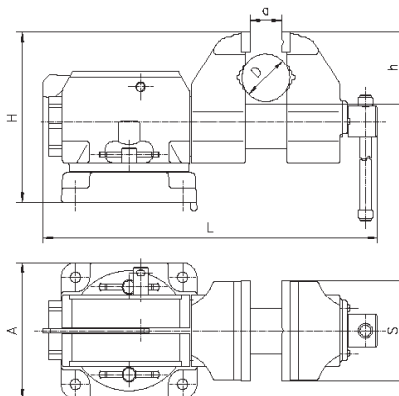
Code No.	Type	S	A	B	H	L max.	Max. clamping force	Weight
		[mm]					[daN]	[lbs]
7-324-102	1710-50	15-50	210	98	218	360	2,800	13.2
7-324-103	1710-80	22-80	270	108	250	400	2,800	19.8

1271
HEAVY DUTY AXIS VISE
Features:

- Able to rotate clamped workpiece to any angle in vertical axis and 45° pitch in horizontal axis
- Can clamp round workpieces in V-shaped jaws
- Swivel base which allow rotation through 360° with positive, firm locking in any position
- Steel jaw inserts induction hardened and ground
- Ruggedly constructed with high-quality cast iron body, jaws and base with other parts made of alloy steel
- Lead-screw completely covered to keep dirt out

Application:

- This high-quality, rugged vise with dovetail guides is well-suited to extra heavy work



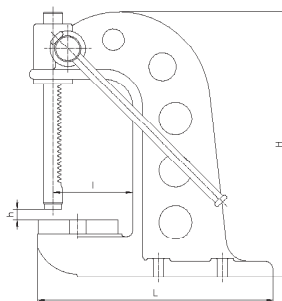
Code No.	Type	S	A	H	L	a max.	h	D	Max. clamping force	Weight
		[mm]								
7-245-005	1271-125	125	170	215	373	150	80	32-60	3,000	60.5

9210
MANUALLY OPERATED PRESS
Features:

- High operating precision
- High pressing force
- Simple operation

Application:

- Designed for use in any kind of pressing of various fitted elements



Code No.	Type	H	h max.	L	I	Max. clamping force	Weight
		[mm]				[daN]	[lbs]
7-234-302	9210-485	485	250	420	145	2,000	86.7

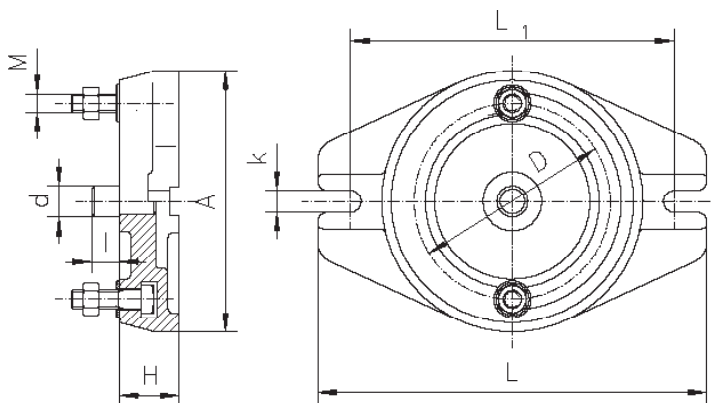


SWIVEL BASE FOR
MACHINE VISES

6582

Features:

- Sturdy, cast iron design
- Ground contact edge
- Graduation
- Locating pin of high-quality steel, hardened and ground
- Fixing screws



Code No.	Size	A	D	H	L	L1	M	d	I	k	Weight	For Type 6512
		[mm]									[lbs]	
7-216-010	2	168	126	45	250	208	M12	20	20	14	9.2	100, 125
7-216-015	3	212	150	50	290	248	M16	20	20	18	15.4	160
7-216-020	4	286	210	55	400	334	M16	25	25	18	31.9	200
7-222-925	5	360	260	55	460	416	M16	25	25	22	59.8	250

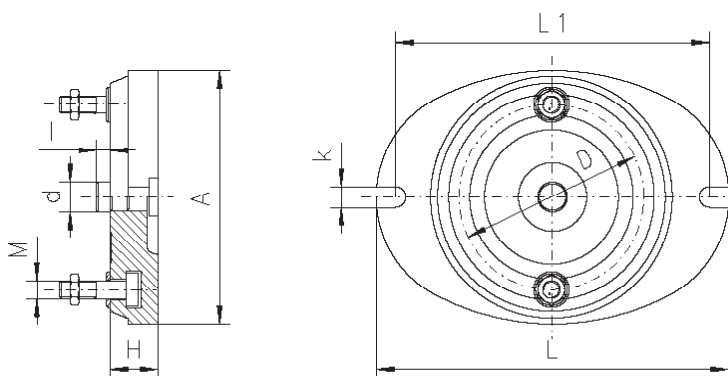


SWIVEL BASE FOR
MACHINE VISES

6583

Features:

- Sturdy, cast iron design
- Ground contact edge
- Graduation
- Locating pin of high-quality steel, hardened and ground
- Fixing screws



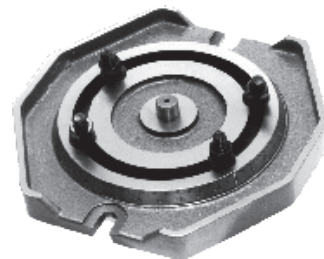
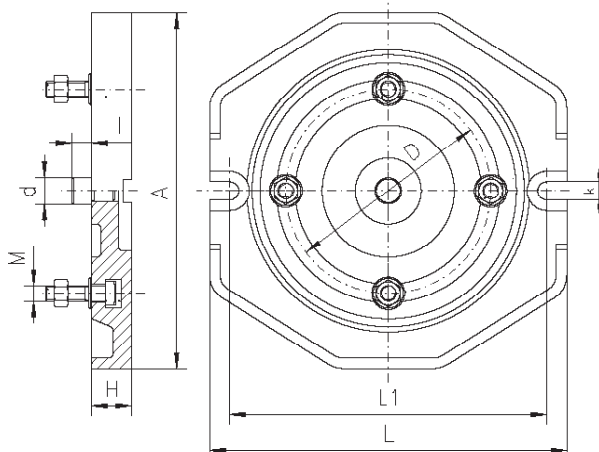
Code No.	Size	A	D	H	I	L	L1	M	d	k	Weight	For Type 6910
		[mm]									[lbs]	
7-203-904	1	170	124	32	9	237	211	M12	20	14	9.2	105
7-203-906	3	245	184	38	16	328	294	M16	28	20	15.4	155
7-203-908	4	300	265	47	35	405	357	M16	38	20	31.9	210

6585

SWIVEL BASE FOR MACHINE VISES

Features:

- Sturdy cast iron design
- Ground contact edge
- Locating pin of high-quality steel, hardened and ground
- Fixing screws



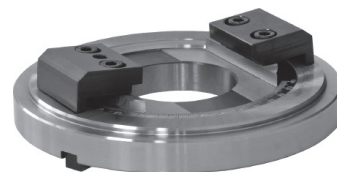
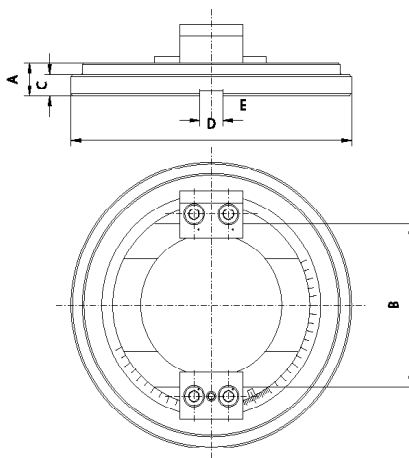
Code No.	Size	A	D	H	L	L1	M	d	l	k	Weight	For Type 6516
		[mm]									[lbs]	
7-251-905	2	270	155	30	270	240	M12	20	20	14	17.8	125
7-251-906	3	325	200	34	325	295	M12	30	20	18	35.2	160
7-251-908	4	380	250	45	380	346	M16	30	20	18	61.4	200

6586

SWIVEL BASE FOR PRECISION VISES

Features:

- Sturdy iron design
- Graduation



Code No.	Size	A	B	D	C	E	Weight	For Type 6577, 6578, 6620, 6621
		[mm]					[lbs]	
7-223-540	1	23	85	190	13	12	8.8	100/320
7-223-550	2	23	105	210	15	12	13.2	125/335
7-223-560	3	28	140	245	18	20	19.8	150/425 150/475 150/520
7-223-580	4	30	165	280	20	20	24.2	200/535 200/585 200/635

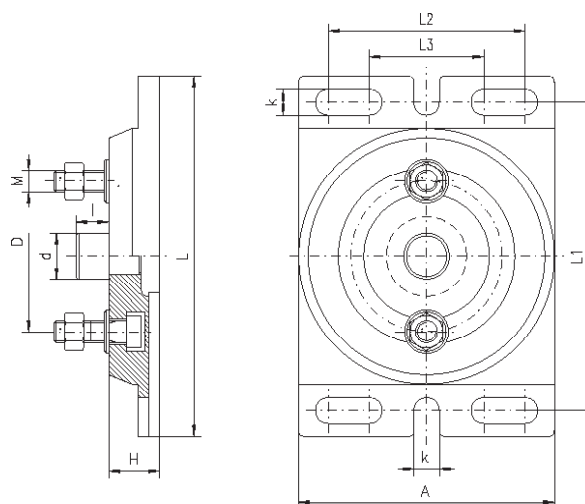


SWIVEL BASE FOR MACHINE
VISES

6587

Features:

- Sturdy, cast iron design
- Ground contact edge
- Graduation
- Locating pin of high-quality steel, hardened and ground
- Fixing screws



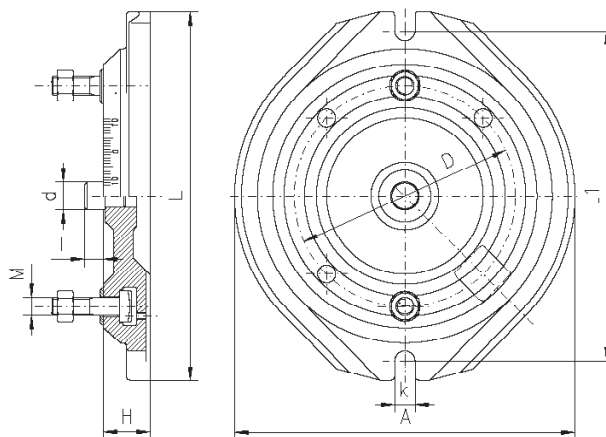
Code No.	Size	A	D	H	L	L1	L2	L3	M	d	l	k	Weight	For Type 6517
		[mm]											[lbs]	
7-250-904	1	140	83	28	198	170	108	63	M12	25	18	14	6.6	100
7-250-905	2	175	103	28	236	206	126	63	M12	25	18	14	10.1	125
7-250-906	3	224	130	34	294	256	184	80	M16	30	20	18	21.3	160
7-250-908	4	264	165	34	345	305	220	90	M16	30	20	18	30.4	200

SWIVEL BASE FOR MACHINE
VISES

6588

Features:

- Sturdy cast iron design
- Ground contact edge
- Locating pin of high-quality steel, hardened and ground
- Fixing screws



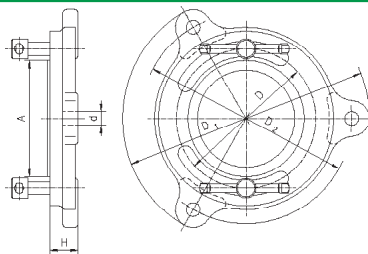
Code No.	Size	A	D	H	L	L1	M	d	k	Weight	For Type 6523
		[mm]								[lbs]	
7-220-960	3	300	195	41	326	292	M16	25	18	15.4	155

1282

SWIVEL BASE FOR HEAVY DUTY BENCH VISES

Features:

- Made of high-quality cast iron

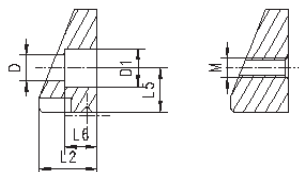
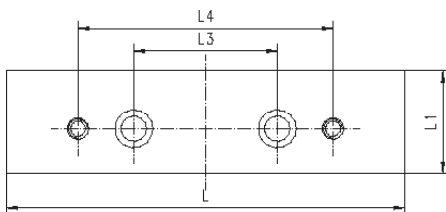


Code No.	Size	A	D	D1	D2	H	d	Weight	For Type 1250
		[mm]							
7-230-005	1	78	95	168	144	19	9	2.0	63
7-230-010	2	91	109	183	165	24	11	2.4	80, 100
7-230-020	3	105	126	212	184	21	11	3.1	125
7-230-025	4	110	134	230	200	26	13	4.0	150
7-230-030	5	125	150	250	220	26	13	4.8	175

PLAIN JAW INSERT

FOR TYPE
6620, 6622, 6623, 6624, 6820

- 2-pc/set

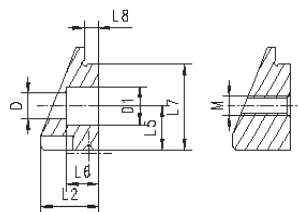
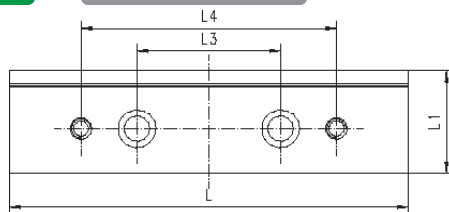


Code No.	L	L1	L2	L3	L4	L5	L6	L7	L8	D	D1	D2	M
	[mm]												
7-223-804J	100	23	15	32	66	9.5	7.0	-	-	6.5	10	-	M5
7-223-805J	125	32	18	45	80	14.0	8.5	-	-	8.0	12	-	M6
7-223-806J	150	42	24	67	110	18.0	11.5	-	-	10.0	15	-	M8
7-223-808J	200	50	30	74	140	22.0	11.5	-	-	10.0	15	-	M8

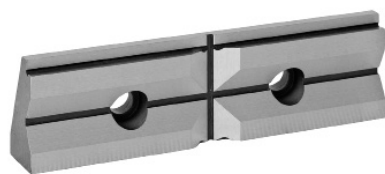
JAW INSERT WITH STEP

FOR TYPE
6620, 6622, 6623, 6624, 6820

- 2-pc/set



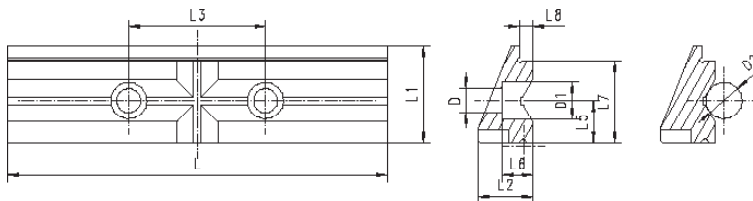
Code No.	L	L1	L2	L3	L4	L5	L6	L7	L8	D	D1	M
	[mm]											
7-223-804S	100	23	15	32	66	9.5	8.0	19	4.0	6.5	10	M5
7-223-805S	125	32	18	45	80	14.0	10.0	27	4.5	8.0	12	M6
7-223-806S	150	42	24	67	110	18.0	13.5	37	5.0	10.0	15	M8
7-223-808S	200	50	30	74	140	22.0	15.0	40	5.0	10.0	15	M8



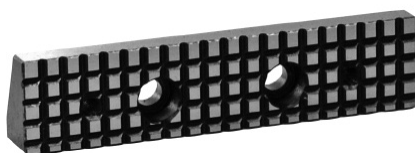
FOR TYPE
6620, 6622, 6623, 6624, 6820

PRISMATIC JAW INSERT

2-pc/set



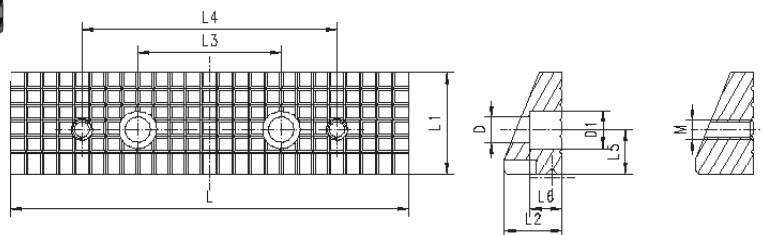
Code No.	L	L1	L2	L3	L4	L5	L6	L7	L8	D	D1	D2
[mm]												
7-223-804P	100	23	15	32	-	9.5	8.0	19	4.0	6.5	10	3÷20
7-223-805P	125	32	18	45	-	14.0	10.0	27	4.5	8.0	12	4÷27
7-223-806P	150	42	24	67	-	18.0	13.5	37	5.0	10.0	15	6÷41
7-223-808P	200	50	30	74	-	22.0	15.0	40	5.0	10.0	15	7÷48



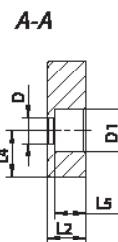
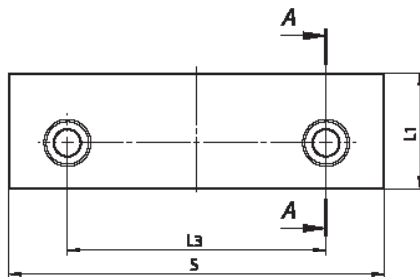
FOR TYPE
6620, 6622, 6623, 6624, 6820

GROOVED JAW INSERT

2-pc/set



Code No.	L	L1	L2	L3	L4	L5	L6	D	D1	M
[mm]										
7-223-804G	100	23	15	32	66	9.5	8.0	6.5	10	M5
7-223-805G	125	32	18	45	80	14.0	10.0	8.0	12	M6
7-223-806G	150	42	24	67	110	18.0	13.5	10.0	15	M8
7-223-808G	200	50	30	74	140	22.0	15.0	10.0	15	M8



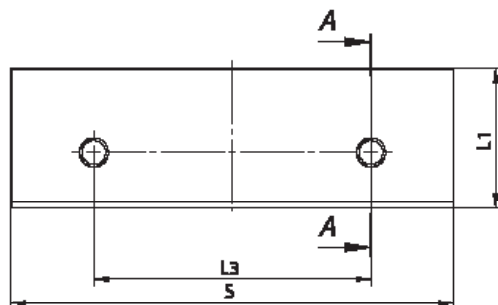
CLAMPING INSERTS FOR MACHINE VISES

- One sided, smooth, hardened and ground
- 2-pc/set

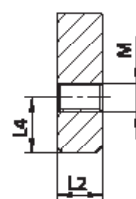
Code No.	S	L1	L2	L3	L4	L5	D	D1	For Type
[mm]									
7-290-024	100	32	13.5	70	14	10.3	9	15	6512, 6530, 6537
7-290-025	125	40	16.6	85	17	13.2	11	18	6512, 6530, 6531, 6537
7-290-026	160	50	16.6	110	20	13.2	11	18	6512, 6515, 6516, 6522, 6530, 6531, 6537
7-290-028	200	63	21.0	140	28	16.0	14	20	6512, 6515, 6516, 6522, 6531, 6537
7-290-0240	125	42	16.6	89	18	13.2	11	18	6515, 6516

CLAMPING INSERTS FOR MACHINE VISES

- Two sided, smooth, hardened and ground
- 2-pc/set



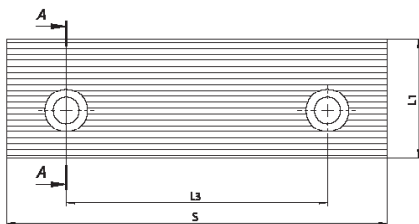
A-A



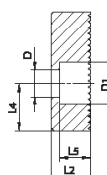
Code No.	S	L1	L2	L3	L4	M	For Type
	[mm]						
7-292-024	100	32.4	12.5	63	14	M8	6517. 6518
7-292-025	125	40.4	12.5	80	16	M10	6517. 6518
7-292-026	160	50.4	16.0	100	20	M10	6517. 6518
7-292-028	200	63.0	20.0	125	25	M12	6517. 6518

CLAMPING INSERTS FOR MACHINE VISES

- One sided, one side grooved, one side smooth, hardened and ground
- 2-pc/set



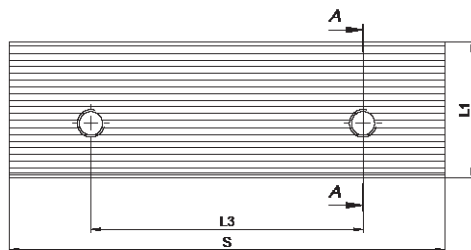
A-A



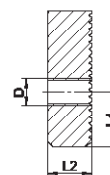
Code No.	S	L1	L2	L3	L4	L5	D	D1	For Type
	[mm]								
7-290-074	100	32	13.5	70	14	10.3	9	15	6512. 6530. 6537
7-290-075	125	40	16.6	85	17	13.2	11	18	6512. 6530. 6531. 6537
7-290-076	160	50	16.6	110	20	13.2	11	18	6512. 6515. 6516. 6522. 6530. 6531. 6537
7-290-078	200	63	21.0	140	28	16.0	14	20	6512. 6515. 6516. 6522. 6531. 6537
7-290-0750	125	42	16.6	89	18	13.2	11	18	6515. 6516

CLAMPING INSERTS FOR MACHINE VISES

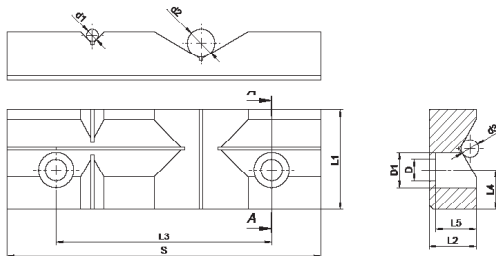
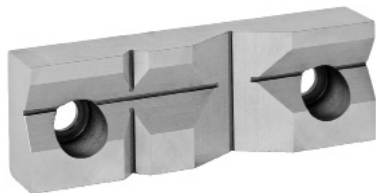
- Two sided, one side grooved, one side smooth, hardened and ground
- 2-pc/set



A-A



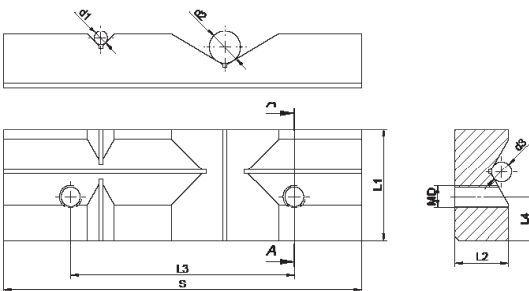
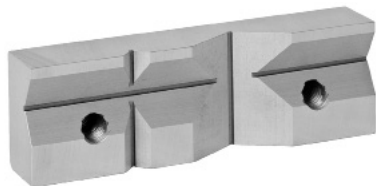
Code No.	S	L1	L2	L3	L4	D	For Type
	[mm]						
7-292-074	100	32	12.5	63	14	M8	6517, 6518
7-292-075	125	40	12.5	80	16	M10	6517, 6518
7-292-076	160	50	16.0	100	20	M10	6517, 6518
7-292-078	200	63	20.0	125	25	M12	6517, 6518



CLAMPING INSERTS FOR MACHINE VISES

- Prism inserts for horizontal and vertical clamping of round workpieces, hardened and ground
- 1-pc/set

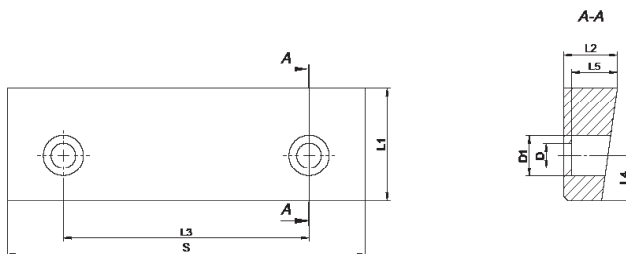
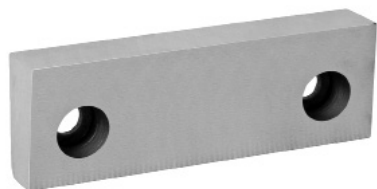
Code No.	S	L1	L2	L3	L4	L5	D	D1	Clamping range Ø vertical		Clamping range Ø horizontal	For Type
									d1	d2	d3	
	[mm]											
7-290-204	100	32.4	18	70	20	14.8	9	15.0	4-9	8-51	6-35	6512, 6530, 6537
7-290-205	125	40.0	22	85	25	18.6	11	18.0	5-12	11-71	4-45	6512, 6530, 6537
7-290-206	160	50.4	24	110	31	20.6	11	18.0	6-16	14-95	9-57	6512, 6515, 6516, 6522, 6530, 6537
7-290-208	200	63.0	30	140	40	25.0	14	20.0	7-20	18-123	12-75	6512, 6515, 6516, 6522, 6537
7-290-210	250	80.0	35	160	32	29.0	17	26.5	10-27	20-138	15-98	6512, 6537
7-290-2050	125	42.0	22	89	25	18.6	11	18.0	5-12	11-71	4-45	6515, 6516



CLAMPING INSERTS FOR MACHINE VISES

- Prism inserts for horizontal and vertical clamping of round workpieces, hardened and ground
- 1-pc/set

Code No.	S	L1	L2	L3	L4	D	Clamping range Ø vertical		Clamping range Ø horizontal	For Type
							d1	d2	d3	
	[mm]									
7-292-204	100	32.4	18	63	14.0	M8	4-9	8 -51	6-35	6517. 6518
7-292-205	125	40.0	22	80	15.8	M10	5-12	11 -71	7-45	6517. 6518
7-292-206	160	50.4	24	100	20.0	M10	6 -16	14-95	9-57	6517. 6518
7-292-208	200	63.0	30	125	25.0	M12	7-20	18-123	12-77	6517. 6518



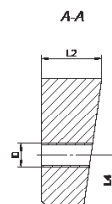
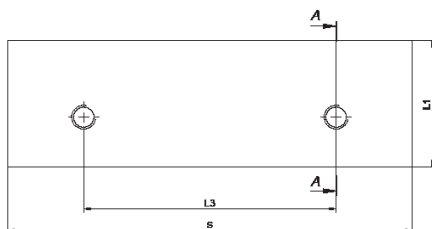
CLAMPING INSERTS FOR MACHINE VISES

- Inclined inserts for horizontal clamping of round workpieces, hardened and ground
- 1-pc/set

Code No.	S	L1	L2	L3	L4	L5	D	D1	Clamping range Ø horizontal	For Type
	[mm]									
7-290-044	100	32.4	18	70	14	14.8	9	15	8-30	6512, 6530, 6537
7-290-045	125	40.0	22	85	17	18.6	11	18	12-38	6512, 6537, 6530
7-290-046	160	50.4	24	110	20	20.6	11	18	14-48	6512, 6515, 6516, 6522, 6530, 6537
7-290-048	200	63.0	30	140	28	25.0	14	20	18-61	6512, 6515, 6516, 6522, 6537
7-290-0450	125	42.0	22	89	18	18.6	11	18	12-38	6515, 6516

CLAMPING INSERTS FOR MACHINE VISES

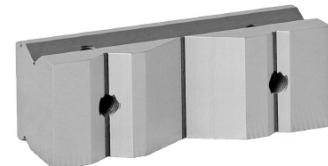
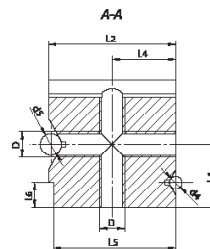
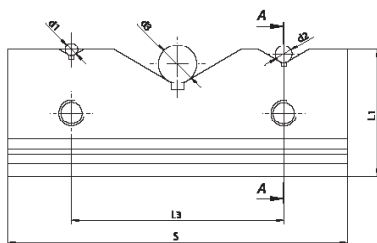
- Inclined inserts, for horizontal clamping of round workpieces, hardened and ground
- 1-pc/set



Code No.	S	L1	L2	L3	L4	D	Clamping range Ø horizontal	For Type
	[mm]							
7-292-044	100	32.4	18	63	14.0	M8	8-30	6517, 6518
7-292-045	125	40.0	22	80	15.8	M10	12-38	6517, 6518
7-292-046	160	50.4	24	100	20.0	M10	14-48	6517, 6518
7-292-048	200	63.0	30	125	25.0	M12	18-61	6517, 6518

CLAMPING INSERTS FOR MACHINE VISES

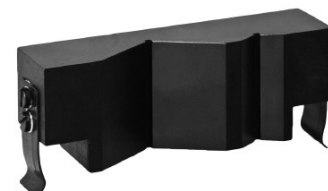
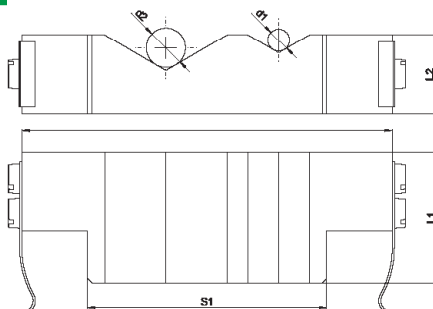
- Four sided, prism inserts, vertical and horizontal prism, horizontal recess, hardened and ground
- 1-pc/set



Code No.	S	L1	L2	L3	L4	L5	L6	D	Clamping range Ø vertical			Clamping range Ø horizontal		For Type
	[mm]								d1	d2	d3	d4	d5	
7-205-903	80	30	30	50	15	28.8	6	M6	3-11	4-23	9-59	3-11	4-23	6542
7-205-904	100	35	35	60	17.5	33.0	6	M8	3-15	5-27	11-69	3-15	5-27	6542

CLAMPING INSERTS FOR MACHINE VISES

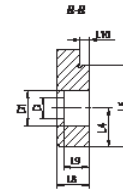
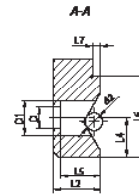
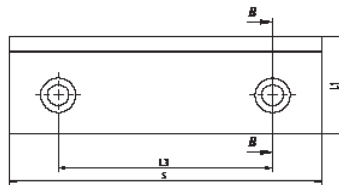
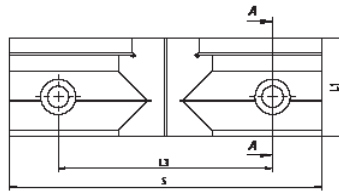
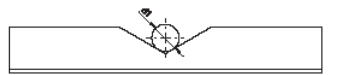
- Prism inserts. Two vertical prism for clamping of round workpieces
- 1-pc/set



Code No.	Size	S	S1	L1	L2	Clamping range Ø vertical		For Type
	[mm]					d1	d2	
7-260-903	80	70	45.9	26	16	4-18	8-45	6540
7-260-904	100	85	54.9	30	18	5-25	9-55	6540
7-260-905	125	105	74.9	38	25	6-28	14-90	6540
7-260-906	160	138	101.9	44	33	7-38	20-135	6540

CLAMPING INSERTS FOR MACHINE VISES

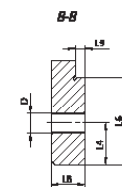
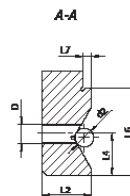
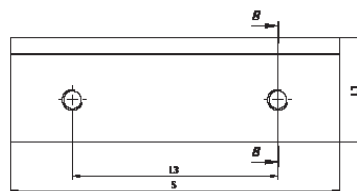
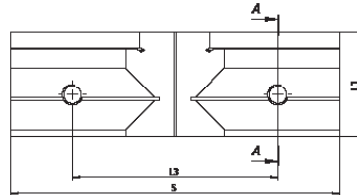
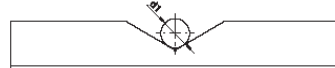
- Prism inserts, vertical and horizontal prism, longitudinal recess, hardened and ground
- 2-pc/set



Code No.	S	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D	D1	Clamping range Ø vertical	Clamping range Ø horizontal	For Type
														d1	d2	
	[mm]															
7-290-104	100	32.4	18	70	14	14.8	26	4	13.5	10.3	4.0	9	15	8-50	6-24	6512. 6537. 6530
7-290-105	125	40.0	22	85	17	18.6	32	4	16.0	12.6	4.0	11	18	11-70	8-30	6512. 6537. 6530
7-290-106	160	50.4	24	110	20	20.6	42	4	16.6	13.0	4.6	11	18	14-95	9-35	6512.6537 6515.6516 6530
7-290-108	200	63.0	30	140	28	25.0	55	4	21.0	16.0	4.0	14	20	18-123	12-44	6512.6537 6515.6516 6522
7-290-1050	125	42.0	22	89	18	18.6	34	4	16.0	12.6	4.0	11	18	11-70	8-30	6515.6516

CLAMPING INSERTS FOR MACHINE VISES

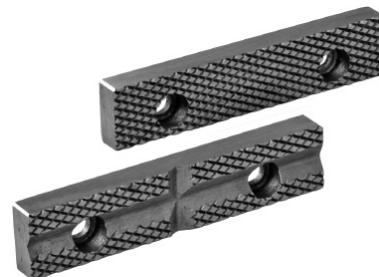
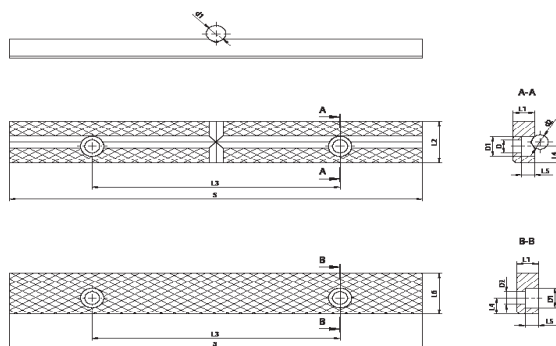
- Prism inserts, vertical and horizontal prism, longitudinal recess, hardened and ground
- 2-pc/set



Code No.	S	L1	L2	L3	L4	L6	L7	L8	L9	D	Clamping range Ø vertical	Clamping range Ø horizontal	For Type
	[mm]												
	d1										d2		
7-292-104	100	32.4	18	63	14.0	26	4	13.5	4.0	M8	8-50	6-24	6517. 6518
7-292-105	125	40.0	22	80	15.8	32	4	16.0	4.0	M10	11-70	8-30	6517. 6518
7-292-106	160	50.4	24	100	20.0	42	4	16.6	4.6	M12	14-95	9-35	6517. 6518
7-292-108	200	63.0	30	125	25.0	55	4	21.0	4.0	M12	18-123	12-44	6517. 6518

CLAMPING INSERTS FOR BENCH VISES

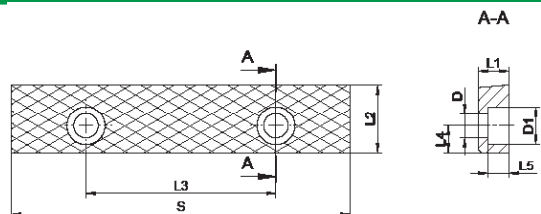
■ 2-pc/set



Code No.	S	L1	L2	L3	L4	L5	L6	D	D1	D2	Clamping range Ø vertical	Clamping range Ø horizontal	For Type
											d1	d2	
	[mm]												
7-231-910	80	9	20.7	50	8	6.0	20.4	7	11	6.6	3-13	3-13	1240. 1250
7-231-915	100	9	20.7	60	8	6.0	20.4	7	11	6.6	3-13	3-13	1240. 1250
7-231-920	125	9	21.5	60	8	6.5	21.5	7	11	7.0	4-16	3-13	1240. 1250
7-231-925	150	11	25.2	100	10	8.0	25.2	9	14	9.0	4-16	4-16	1240. 1250
7-231-930	175	13	30.3	100	12	8.0	30.3	9	14	9.0	4-16	4-16	1250
7-235-912	175	11	25.2	100	10	8.0	25.2	9	14	9.0	4-16	4-16	1240
7-235-914	200	13	30.3	150	12	8.0	30.3	9	14	9.0	4-16	4-16	1240
7-235-916	250	13	30.3	150	12	8.0	30.3	9	14	9.0	4-16	4-16	1240

CLAMPING INSERTS FOR BENCH VISES

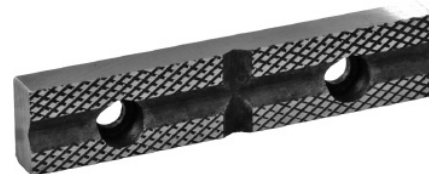
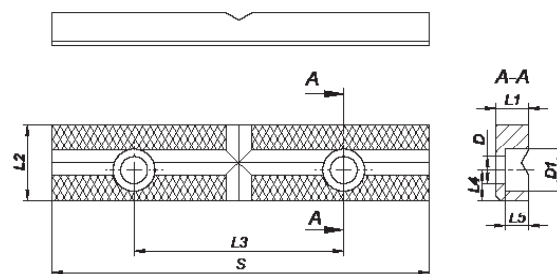
■ 1-pc/set



Code No.	S	L1	L2	L3	L4	L5	D	D1	For Type
	[mm]								
7-231-905	63	7	17.4	40	7.5	5.6	6	9.5	1250, 1256
7-235-908	125	11	25.0	70	10.0	7.5	9	14.0	1271

CLAMPING INSERTS FOR BENCH VISES

■ 1-pc/set



Code No.	S	L1	L2	L3	L4	L5	D	D1	For Type
	[mm]								
	7-245-905	126	11	25.2	70	10	8	9	



HANDCRANK FOR MACHINE VISES

Code No.	Square x Length [mm]	For Type
7-233-042	12 x 160	6517,18-100
7-233-061	14 x 160	6517,18-125, 6531-125, 6546-125, 6531-160, 6524-125
7-233-038	17 x 160	6910,11-105, 6910,11-155, 6910,11-155S, 6910,11-210



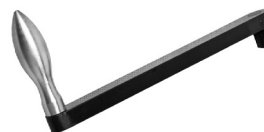
HANDCRANK FOR MACHINE VISES

Code No.	Square x Length [mm]	For Type
7-233-040	17 x 200	6512,37-100,125,160,200, 6530-100,125,160, 6522-160,200, 6517,18-160,200, 6546-160, 6531-200
7-210-200H	19 x 200	6512,37-250



HANDCRANK FOR MACHINE VISES

Code No.	Square x Length [mm]	For Type
7-233-030	11 x 180	6546-100



HANDCRANK FOR MACHINE VISES

Code No.	Hex x Length [mm]	For Type
7-233-050	12 x 200	6515,16-125, 6515,16-160, 6515,16-200



HANDCRANK FOR MACHINE VISES

Code No.	Hex x Length [mm]	For Type
7-233-060	19x228	6523-155



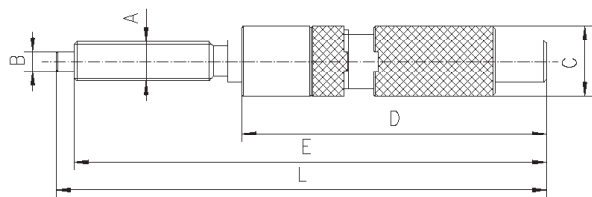
ANGLE SOCKET WRENCH

Code No.	Size [mm]	For (150, 200)
7-223-905	100, 125	6568, 6620, 6622, 6820
7-223-908	150, 200	



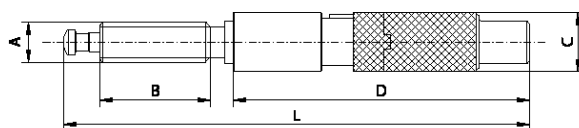
- The hydraulic spindle is equipped with a mechanical clutch which makes it possible to choose the type of operation - mechanical only or using the hydraulic system
- Mechanical clamping is especially required when the clamped object is made of deformable materials which could be damaged when clamped with the hydraulic system
- Sturdy design

HYDRAULIC SPINDLE



3690-M

Code No.	Size	For 6515, 6516	A	B	C	D	E	L	Max. clamping force [daN]	Weight [lbs]
7-296-102	2	125	Tr 28 x 5	14	50	215	392	408	3,500-4,000	6.6
7-296-103	3	160	Tr 32 x 6	16	58	230	465	485	5,500-6,000	9.9
7-296-104	4	200	Tr 36 x 6	18	64	273	608	619	7,500-8,000	15.0

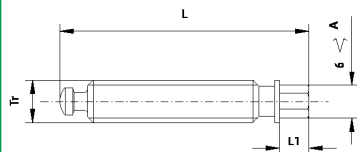


3690-MN

Code No.	Size	For 6621, 6821	A	B	C	D	L	Max. clamping force [daN]	Weight [lbs]
7-296-002	2	150	Tr28 x 5	110	50	215	370	3,500-4,000	5.3
7-296-003	3	200	Tr32 x 6	117	58	230	403	5,500-6,000	8.4

LEAD SCREW

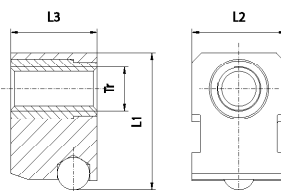
Optional accessories used with vises 6620-6624, 6820 and 6821



Code No.	Size	L	L1	A	Tr
[mm]					
7-223-604	100	120	18	13	Tr18x4
7-223-605	125	125	18	13	Tr18x4
7-223-606	150	160	19	19	Tr28x5
7-223-608	200	170	19	19	Tr32x6

BLOCK

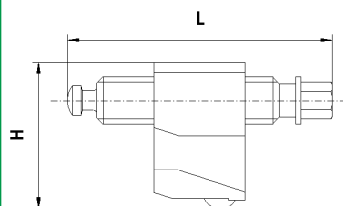
Optional accessories used with vises 6620-6624, 6820 and 6821



Code No.	Size	L1	L2	L3	Tr
[mm]					
7-223-704	100	55.5	35.0	36	Tr18x4
7-223-705	125	68.5	40.5	40	Tr18x4
7-223-706	150	87.5	60.0	55	Tr28x5
7-223-708	200	104.5	70.0	65	Tr32x6

LEAD SCREW WITH BLOCK

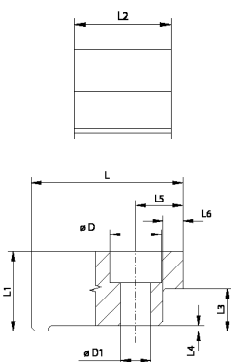
Optional accessories used with vises 6620-6624, 6820 and 6821



Code No.	Size	L	H
[mm]			
7-223-804	100	120	55.5
7-223-805	125	125	68.5
7-223-806	150	160	87.5
7-223-808	200	170	104.5

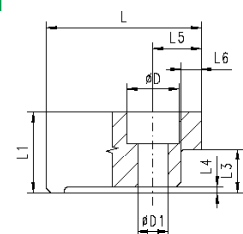
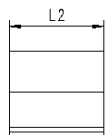
CLAMP

Optional accessories used with vises 6620-6624, 6820 and 6821



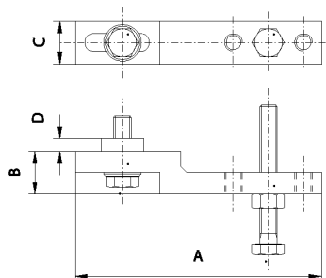
Code No.	Size	L	L1	L2	L3	L4	L5	L6	D	D1
[mm]										
7-223-940	100	50	24	30	13	2	13.5	6.5	18	10.5
7-223-950	125	53	28	30	15	2	16.6	7.0	18	10.5
7-223-960	150	75	35	42	18	2	37.0	8.0	26	17.0
7-223-980	200	91	39	42	20	2	24.5	8.0	26	17.0

CLAMP FOR 6586

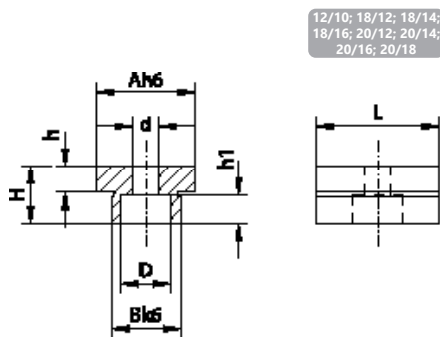


Code No.	Size	L	L1	L2	L3	L4	L5	L6	D	D1
[mm]										
7-223-9400	1	58	22.5	28	13	2	20	8	20	13
7-223-9500	2	62	22.5	28	15	2	20	8	20	13
7-223-9600	3	70	27.5	32	18	2	23	8	22	15
7-223-9800	4	80	29.5	35	20	2	23	8	22	15

SIDE STOP



Code No.	Size	A	B	C	D	For Type
[mm]						
7-223-994	100, 125	120	20	20	5	6577, 6578, 6569-M, 6620, 6621, 6624, 6820, 6821
7-223-996	150, 200	140	25	25	7	

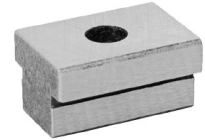


12/10; 18/12; 18/14;
18/16; 20/12; 20/14;
20/16; 20/18

12/14; 12/16; 12/18;
18/20; 18/22

12/12; 18/18; 20/20

SLOT NUTS (B)



Code No.	Size	A	B	L	H	h	h1	D	d
	[mm]								
7-297-1210	12/10	12	10	20	12	3.5	5.7	8.9	5.5
7-297-1212	12/12	12	12	20	12	3.5	5.7	8.9	5.5
7-297-1214	12/14	12	14	20	12	3.5	5.7	8.9	5.5
7-297-1216	12/16	12	16	20	12	3.5	5.7	8.9	5.5
7-297-1218	12/18	12	18	20	12	3.5	5.7	8.9	5.5
7-297-1220	12/20	12	20	20	12	3.5	5.7	8.9	5.5
7-297-1812	18/12	18	12	25	12	4.5	6.8	10.4	6.6
7-297-1814	18/14	18	14	25	12	4.5	6.8	10.4	6.6
7-297-1816	18/16	18	16	25	12	4.5	6.8	10.4	6.6
7-297-1818	18/18	18	18	25	12	4.5	6.8	10.4	6.6
7-297-1820	18/20	18	20	25	12	4.5	6.8	10.4	6.6
7-297-1822	18/22	18	22	25	12	4.5	6.8	10.4	6.6
7-297-2012	20/12	20	12	25	12	4.5	6.8	10.4	6.6
7-297-2014	20/14	20	14	25	12	4.5	6.8	10.4	6.6
7-297-2016	20/16	20	16	25	12	4.5	6.8	10.4	6.6
7-297-2018	20/18	20	18	25	12	4.5	6.8	10.4	6.6
7-297-2020	20/20	20	20	25	12	4.5	6.8	10.4	6.6

COUPLERS

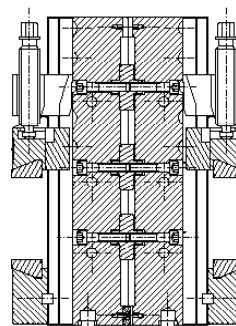
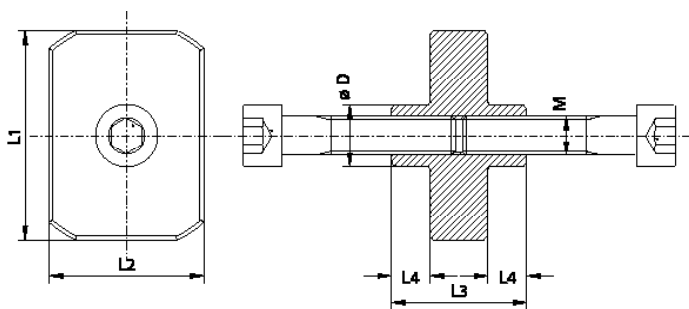


Fig. 1

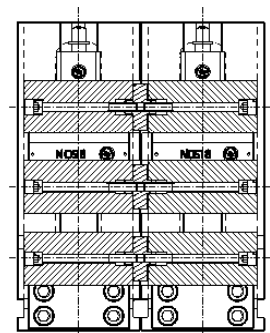


Fig. 2

Coupler	L1	L2	L3	L4	D	M
	[mm]					
M10x35	46	35	35	10	16	M10x35-10.9
M10x85	46	35	35	10	16	M10x85-10.9
M10x45	54	40	35	10	16	M10x45-10.9
M10x105	54	40	35	10	16	M10x105-10.9
M12x55	62	40	43	12	18	M12x55-10.9
M12x130	62	40	43	12	18	M12x130-10.9

For Type	Fig. 1		Fig. 2	
	Coupler	Code No.	Coupler	Code No.
6820-100-320/160	M10x35	7-298-104	M10x85	7-298-204
6820-125-335/160	M10x45	7-298-105	M10x105	7-298-205
6820-150-425/205	M12x55	7-298-106	M12x130	7-298-206

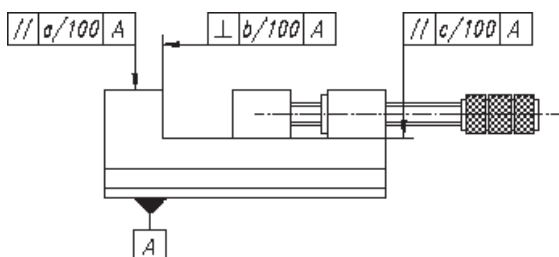
1

2

3

4

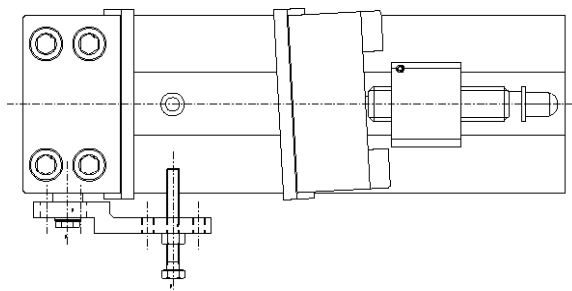
5

TOOLMAKER'S AND INSPECTION VISES


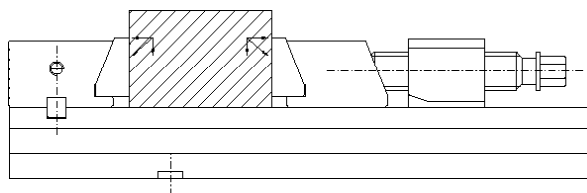
Type	a	b	c
	[mm]		
6552-63	0.005	0.003	0.005
6552-80	0.005	0.003	0.005
6552-100	0.007	0.005	0.005
6553-63	0.005	0.003	0.005
6553-80	0.005	0.003	0.005
6553-100	0.007	0.005	0.005
6554-63	0.005	0.003	0.005
6554-80	0.005	0.003	0.005
6554-100	0.007	0.005	0.005
6555-80	0.005	0.003	0.005

USAGE OF SIDE STOP

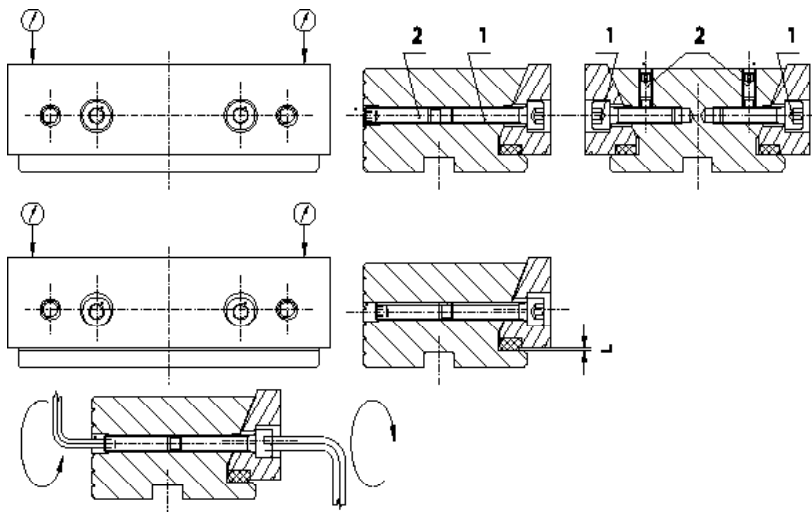
- For clamping the workpieces of irregular shape a swinging leading plate can be used which allows for swiveling of movable jaw by about $\pm 3^\circ$ angle.
- Side stop screwed to fixed jaw side enables positioning the workpieces parallel to jaw inserts surface


ADJUSTING THE POSITION OF JAW INSERTS

- Proper clamping of the workpiece will be obtained when jaw inserts are seated on the jaw guides. Only then the proper accuracy of the workpiece fixing will be ensured.



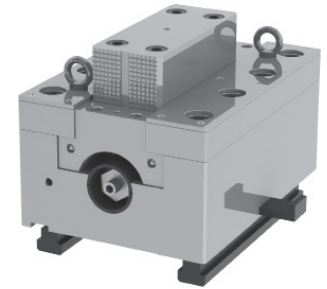
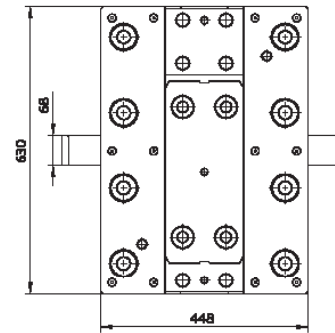
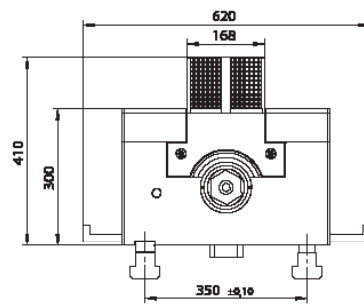
- Clamping inserts in the vise jaws have preset play, ensuring that workpieces are correctly clamped
- The amount of this play should be $L = 0.2 \text{ mm}$ with positioning accuracy of $\pm 0.01 \text{ mm}$
- The difference between "L" dimensions in movable and fixed jaws should not exceed 0.01 mm
- To obtain the required positioning of the clamping insert proceed as follows:
 - 1 - loosen set screws (2)
 - 2 - tighten the bolts (1) to make the clamping insert sit in the jaw guide
 - 3 - use the dial gauge to check the parallelism of the clamping insert to the vise base
 - 4 - set the required value of $L = 0.2 (\pm 0.01 \text{ mm})$ by loosening the bolts (1)
 - 5 - use the dial gauge to check the parallelism of the clamping insert to the vise base, the parallelism of the clamping insert to the vise base should be the same as measured in point 3
 - 6 - secure bolts (1) by tightening set screws (2)
- Perform above steps for setting clamping inserts both in fixed and movable jaws



9171 MSPD

BOX JAWS WITH JAKOB® POWER-CLAMPING MSPD SCREWS

- Increased Clamping force up to 400kN
- Steel body, hardened and ground guideways
- Hardened clamping jaws HRC 57÷60
- High clamping force obtained with operator minimum effort
- Used in turning, drilling, reaming and milling of irregular shaped workpieces
- Primarily suited for integration with face plates



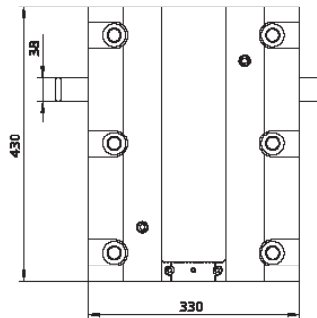
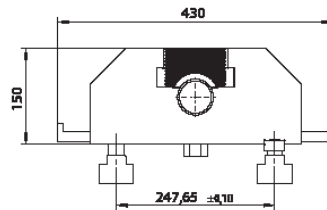
* Width x height x length

Code No.	Type	Clamping force [kN]	Weight of 1 box jaw [lbs]	Slot nut dimensions* [mm]
7-643-2500	9171-630-40T MSPD	400	1,554.26	42 x 24 x 110

9171 MSP

BOX JAWS WITH JAKOB® POWER-CLAMPING MSP SCREWS

- Increased clamping force up to 200kN
- Steel body, hardened and ground guideways
- Hardened clamping jaws HRC 57÷60
- High clamping force obtained with operator minimum effort
- Used in turning, drilling, reaming and milling of irregular shaped workpieces
- Primarily suited for integration with face plates



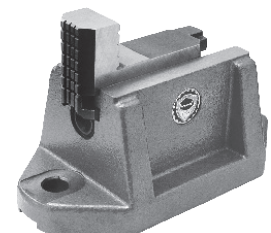
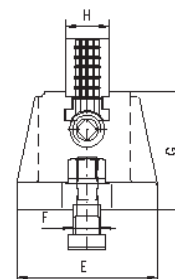
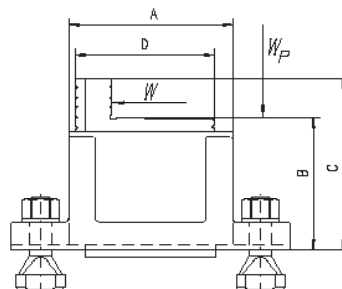
* Width x height x length

Code No.	Type	Clamping force [kN]	Weight of 1 box jaw [lbs]	Slot nut dimensions* [mm]
7-643-1700	9171-430-20T MSP	200	361.56	31.75 x 16 x 88

9170

SET OF 4 BOX JAWS

- Cast iron body, hardened and ground guideways
- Hardened reversible clamping jaws HRC 57÷60
- Used in turning, drilling, reaming and milling of irregular shaped workpieces
- Primarily suited for integration with face plates



Code No.	Type	A	B	C	D	E	F	G	H	Clamping force	Max load		Weight of 1 box jaw
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		W	W _p	
7-645-006	9170-150	152	122.8	159.8	127	130	25.4	110	40	28	6,985	13,970	27.56
7-645-008	9170-200	200	132	169.8	150	140	25.4	110	52	35	8,976	17,952	34.83

INQUIRY FORM

- Increased clamping force up to 400kN
- Steel body
- Used in turning, drilling, reaming and milling of irregular shaped workpieces
- Primarily suited for integration with face plates

1 DIMENSIONS ACCORDING TO THE DRAWINGS IN MM

A	B	C
D	E	F
G	H	

2 CLAMPING FORCE

PLEASE SPECIFY DESIRED CLAMPING FORCE [kN]:

.....

3 SPINDLE VERSION

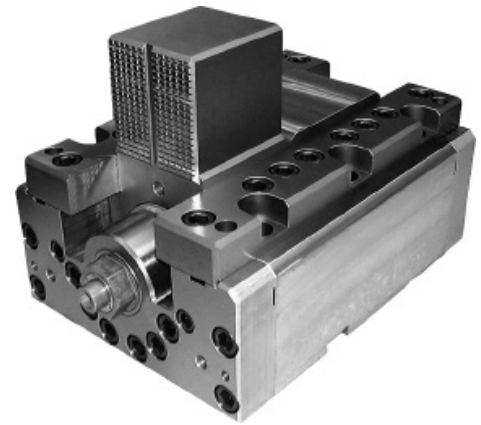
- ☐ STANDARD SPINDLE
- ☐ POWER SPINDLE
- ☐ STANDARD SPINDLE + TORQUE AMPLIFIER

4 VERSION OF THE BODY

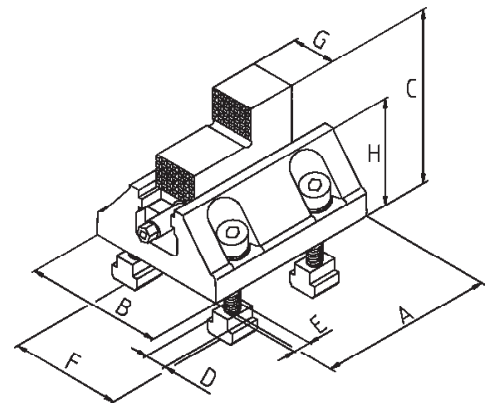
- ☐ OPEN VERSION
- ☐ CLOSED VERSION
- ☐ CLOSED VERSION WITH LUBRICATION FOR GUIDEWAYS AND DRIVE ELEMENTS

5 CLAMPING DIRECTION

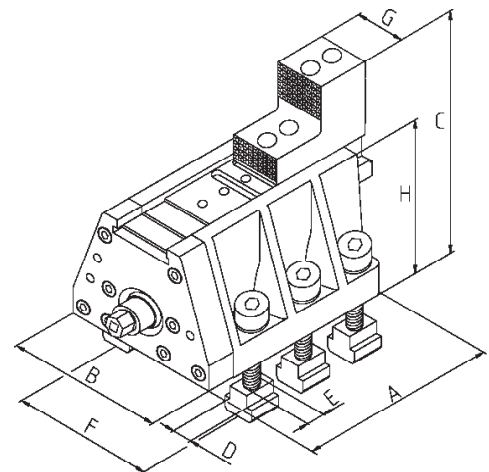
- ☐ FROM THE INSIDE
- ☐ FROM THE OUTSIDE
- ☐ FROM THE INSIDE AND FROM THE OUTSIDE



OPEN VERSION



CLOSED VERSION



CONTACT DETAILS

COMPANY NAME:

CONTACT PERSON:

ADDRESS:

E-MAIL:

PHONE NUMBER:

For printable version of the inquiry form and more information please visit www.bison-america.com



SIMPLY EMAIL TO:
INFO@BISON-AMERICA.COM

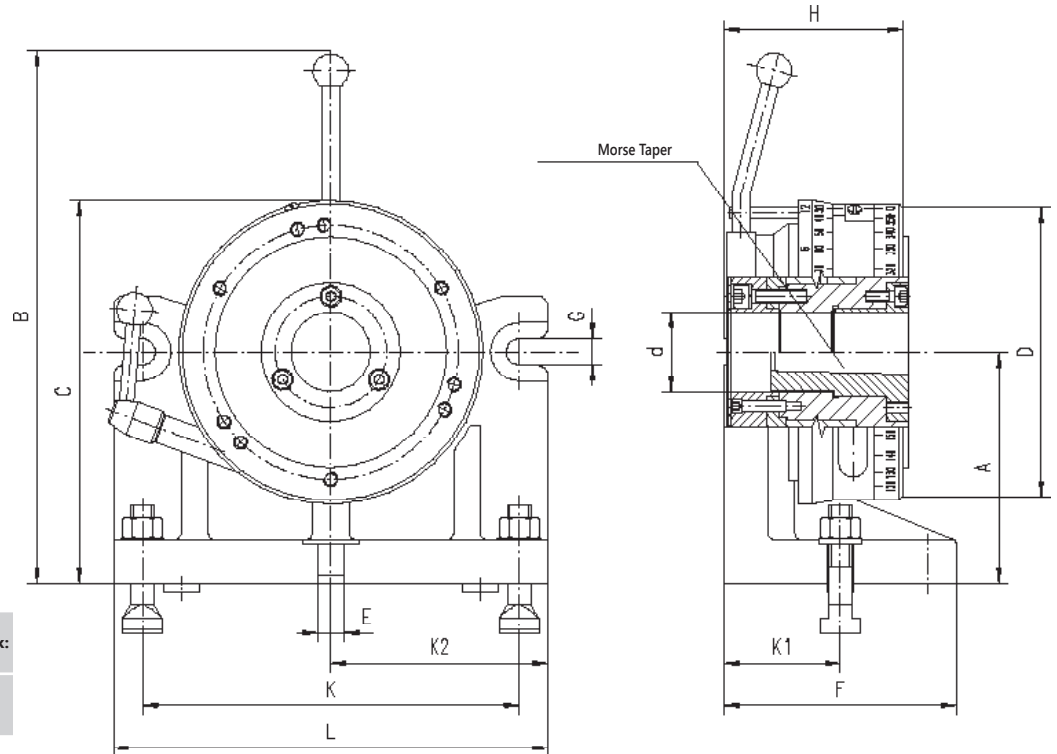
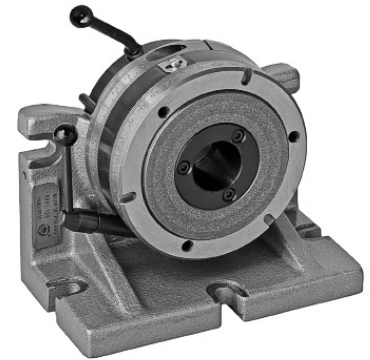
5901

Simple and compact design provides for three types of indexing:

- 1) basic indexing - which is done by means of catch device in 2, 3, 4, 6, 8, 12 and 24 divisions
- 2) angular indexing - which can be performed through sleeve with scale graduated in 360° in 1° increment
- 3) alternative indexing - which can be performed by means of catch device and specified changeable dividing plate (with Z=13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 or 24 units number of divisions). To obtain required number of divisions replace Z=24 plate with one of the above specified plates.

Indexing accuracy 2'

- True run-out of tapered centre bore 0.02mm
- Squareness (base to chuck) 0.02mm
- Parallelism over face 0.02mm
- Concentricity of mounting flange with precision or standard chuck 0.03±0.06mm
- Dividing plate made of high-quality alloy steel, hardened and ground
- Body made of cast iron
- Designed for equal or unequal precision indexing in milling, drilling and related machining operations
- Chuck not included



Please select an appropriate chuck:

Solid jaws	2-piece jaws
------------	--------------

3274 (7-811-...) 3275 (7-812-...) 3-jaw, cast iron body

3574 (7-817-...) 3575 (7-813-...) 3-jaw, steel body

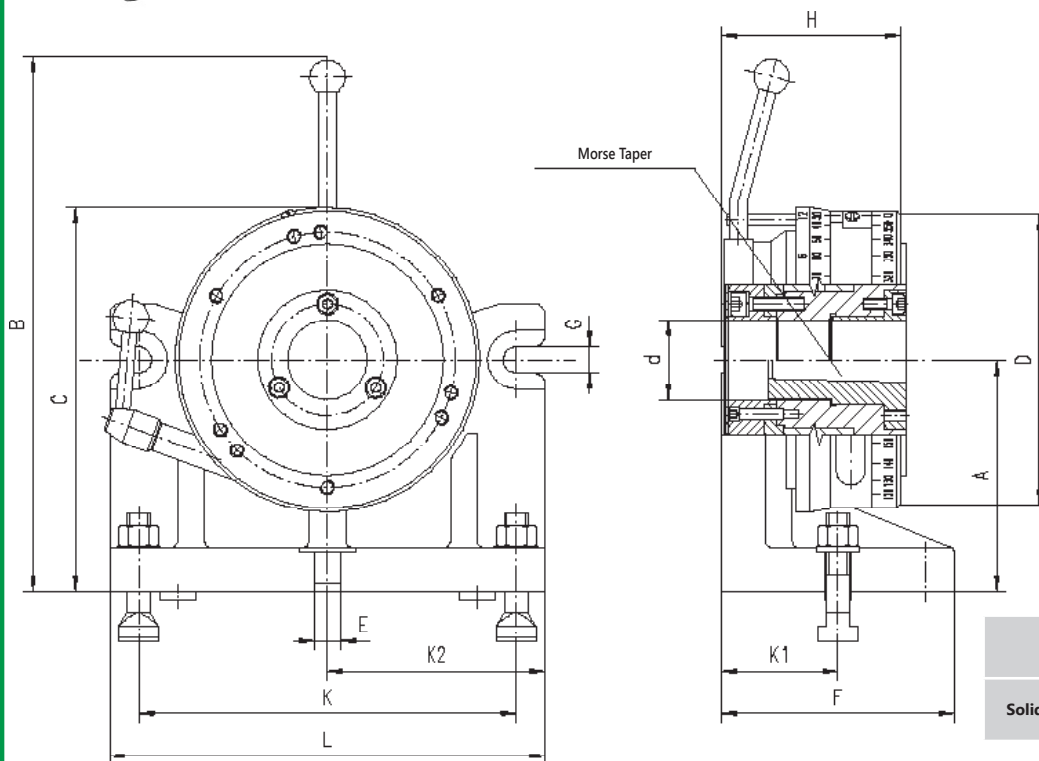
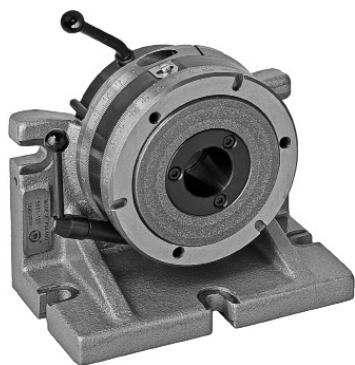
3674 (7-815-...) 3675 (7-814-...) 4-jaw, cast iron body

3774 (7-844-...) 3775 (7-814-...) 4-jaw, steel body

A - For tailstock D - For chuck * - 7-812-... chuck included

Code No. (no chuck)	Code No. (with chuck)*	Type	A	B	C	D	d	Morse Taper	E	F	G	H	K	K1	K2	L	Permissible weight of workpieces				Weight
																	with chuck		without chuck		
			without support	with support	without support	with support															
			[mm]																[daN]		
7-609-015	-	5901-100	100	256	167.5	125	38.5	3	18	130	14	109.5	185	65	107.5	215	20	40	30	60	30.9
7-609-016	7-609-006	5901-125	125	301	210.0	160	42	3	18	140	14	108.5	215	70	122.5	245	30	60	40	70	50.7
7-609-018	7-609-008	5901-160	160	382	265.0	200	55	4	18	160	18	123.5	260	80	150.0	300	35	70	51	86	90.4

5911



- Simple and compact design provides for three types of indexing:
 - 1) basic indexing - which is done by means of catch device in 2, 3, 4, 6, 8, 12 and 24 divisions
 - 2) angular indexing - which can be performed through sleeve with scale graduated in 360° in 1° increment
 - 3) alternative indexing - which can be performed by means of catch device and specified changeable dividing plate (with Z=13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 or 24 units number of divisions). To obtain required number of divisions replace Z=24 plate with one of the above specified plates.
- Indexing accuracy 2'
- True run-out of tapered centre bore 0.02mm
- Squareness (base to chuck) 0.02mm
- Parallelism over face 0.02mm
- Concentricity of mounting flange with precision or standard chuck 0.03÷0.06mm
- Dividing plate made of high-quality alloy steel, hardened and ground
- Body made of cast iron
- Chuck not included

Please select an appropriate chuck:

Solid jaws	2-piece jaws	
3274 (7-811-...)	3275 (7-812-...)	3-jaw, cast iron body
3574 (7-817-...)	3575 (7-813-...)	3-jaw, steel body
3674 (7-815-...)	3675 (7-814-...)	4-jaw, cast iron body
3774 (7-844-...)	3775 (7-814-...)	4-jaw, steel body

A - For tailstock D - For chuck * - 7-812-... chuck included

Code No. (no chuck)	Code No. (with chuck)*	Type	A	B	C	D	d	Morse Taper	E	F	G	H	K	K1	K2	L	Permissible weight of workpieces				Weight
																	with chuck		without chuck		
			without support	with support	without support	with support															
			[mm]						[mm]						[daN]				[lbs]		
7-609-020	7-609-010	5911-200	200	469	330	250	76	4	18	180	18	139.5	300	90	170	340	40	80	70	110	134.5
7-609-022	7-609-012	5911-250	250	555	411	315	103	5	18	200	18	157.5	360	100	200	400	50	90	95	135	235.9

5859

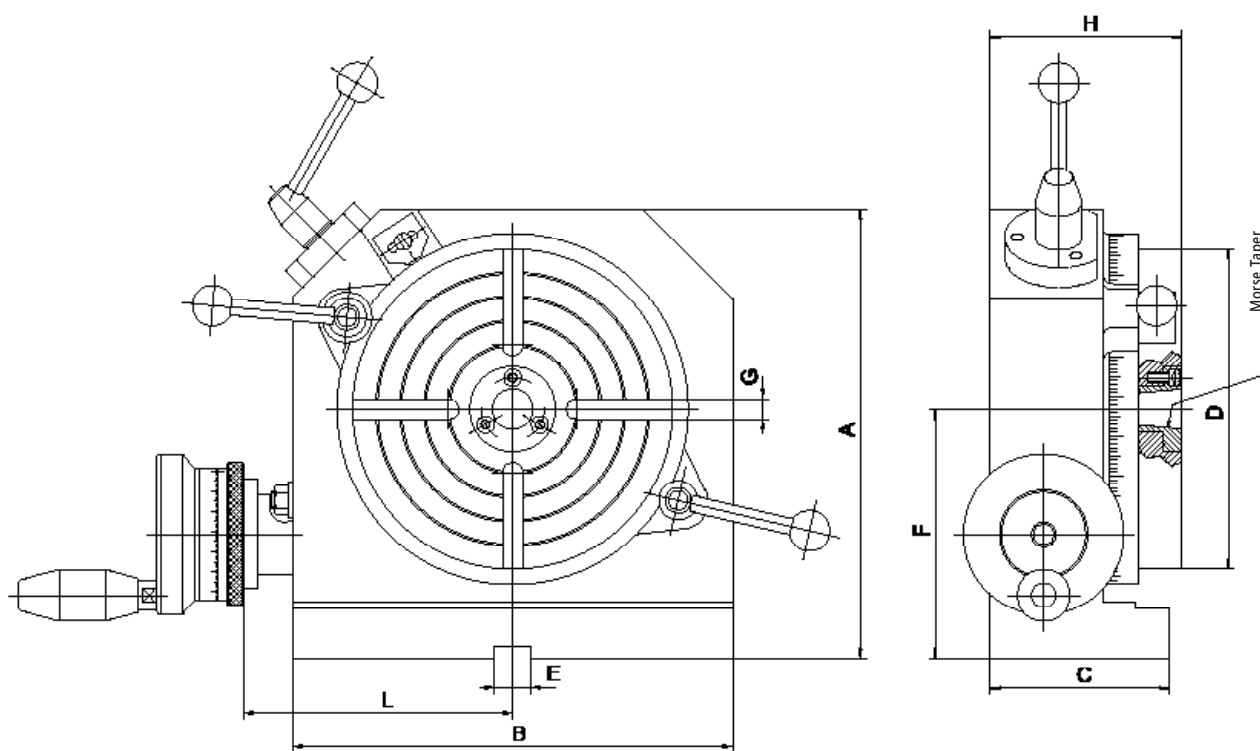
- Due to the three dividing plates, division into the required number of sections is obtained with an accuracy of 1'
- Dividing means of graduated drum with 1'30"
- Centering Morse taper sleeves are hardened and ground, extending machine life
- Depending on the size gear ratio is 1:60, 1:90, 1:120

Standard accessories

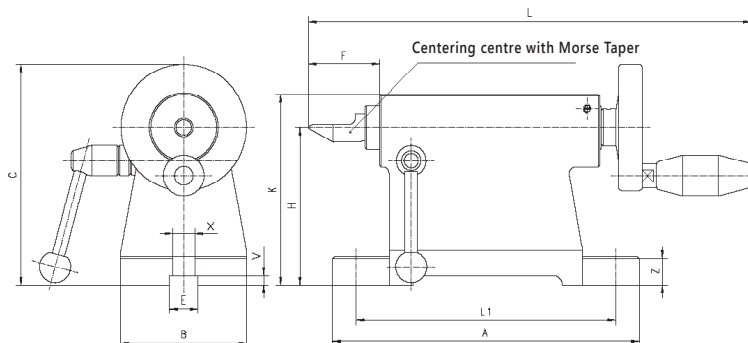
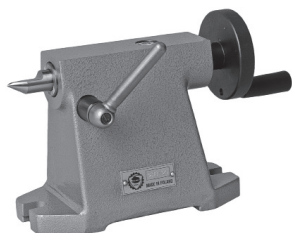
Three dividing plates with clamping bolts

Slot nuts

Table lever



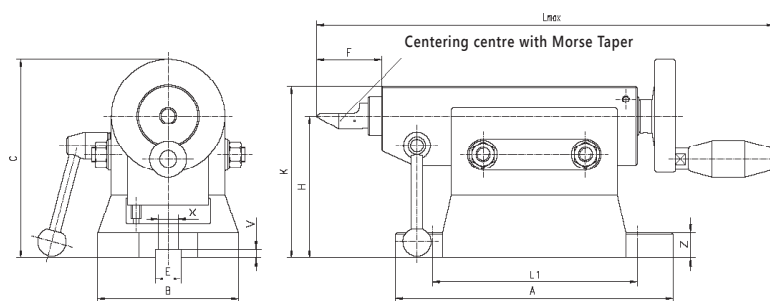
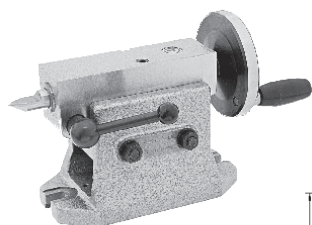
Code No.	Type	Worm ratio	A	B	C	D	E	F	G	H	L	Morse Taper	Adapters Ø	Chucks Ø	Tailstocks		Permissible weight of workpieces		Weight
			[mm]										5818	5819	Horizontal	Vertical			
			[mm]												[daN]		[lbs]		
7-621-006	5859-160	1:60	225	200	90	160	14	125	4x10	96	127	3	160	160	125	95÷130	85	40	44.1
7-621-008	5859-200	1:60	270	240	95	200	14	150	4x10	98	147	3	160, 200	160, 200	-	130÷170	120	45	55.1
7-621-010	5859-250	1:90	318	285	115	250	18	175	4x12	115	175	3	250	250	-	170÷200	160	80	121.3
7-621-012	5859-320	1:90	374	348	115	320	18	200	4x12	120	207	3	315, 250	315, 250	200	170÷200	210	110	176.4
7-621-016	5859-400	1:90	465	430	125	400	18	250	6x14	135	248	4	400	400	250	220÷250	350	125	269.0
7-621-020	5859-500	1:120	582	535	170	500	18	315	8x16	175	310	5	-	-	-	-	420	200	573.2



5818

- This tailstock is designed for use with indexing fixtures, rotary tables and dividing heads

Code No.	Type	A	B	C	E	F		H	K	L	L max.	V	X	Z	Morse Taper	Weight
						min.	max.									[lbs]
						[mm]										
7-610-103	5818-80	164	68	120	18	26.0	44.0	80	95	244	134	6	14	14.5	1	5.5
7-610-104	5818-100	195	80	140	18	33.0	63.0	100	121	299	165	6	14	18.0	2	13.5
7-610-106	5818-125	195	90	178	18	39.0	69.0	125	146	315	165	6	14	18.0	2	16.3
7-610-108	5818-160	250	115	213	18	48.0	85.0	160	187	366	210	6	18	18.0	3	28.0
7-610-110	5818-200	275	130	253	18	59.5	99.5	200	233	420	235	6	18	20.0	4	39.5
7-610-112	5818-250	280	150	303	18	59.5	99.5	250	283	420	240	6	18	23.0	4	50.9



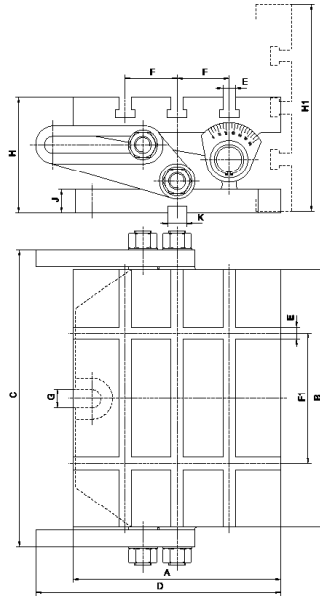
5819

- Height (H) is precisely adjusted by means of a screw and, after the adjustment, the spindle is locked in a vertical position
- These tailstocks are designed for use with indexing fixtures, rotary tables and dividing heads

Code No.	Type	A	B	C max.	E H7	F		H		K	L max.	L1	V	X	Z	Morse Taper	Weight
						min.	max.	min.	max.								[lbs]
		[mm]															
7-610-806	5819-95-130	195	100	183	18	40	70	95	130	155	335	165	6	14	16/18	2	26.5
7-610-808	5819-130-170	250	120	223	18	50	90	130	170	200	409	210	6	18.5	20/22	3	41.5
7-610-810	5819-170-200	280	142	253	18	50	90	170	200	230	433	240	6	18.5	23/25	3	56.2
7-610-812	5819-200-220	280	142	270	18	50	90	200	220	250	433	240	6	18.5	23/25	3	63.3
7-610-816	5819-220-250	300	164	303	18	60	100	220	250	285	465	260	6	18.5	23/25	4	94.8

5150

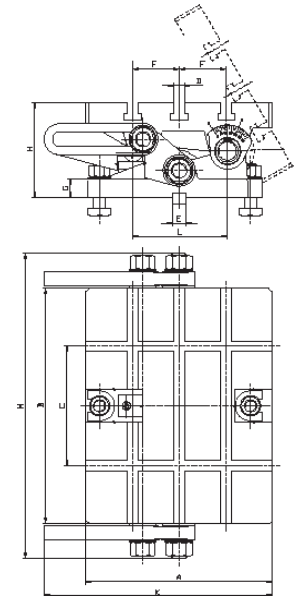
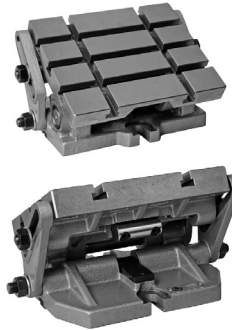
- Easily set at any angle between horizontal and vertical plates
- The plate will accept accessories and workpieces larger than the table top



Code No.	Type	A	B	C	D	E	F	F1	G	H	H1	J	K	Max. working weight	Weight
		[mm]												[lbs]	[lbs]
7-615-008	5150-200x250	200	250	324	236	12	50	126	18	111	201	22	18	132	46.3
7-615-010	5150-250x315	250	315	405	306	14	63	160	18	127	252	25	18	220	81.6

5155

- Easily set at any angle between horizontal and vertical plates
- Swivel plates type 5155 (sine) permit accurate angle setting in 0÷60° range by means of gauge blocks



Code No.	Type	A	B	C	D	E	F	G	H	K	L	M	Max. working weight	Weight
		[mm]											[lbs]	[lbs]
7-615-208	5155-200x250	200	250	126	12	18	50	22	111	236	100	324	132	46.3
7-615-210	5155-250x315	250	315	160	14	18	63	25	127	306	127	405	100	81.6

9450

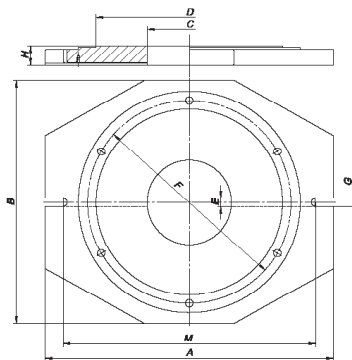
BASES

FOR PLAIN BACK CHUCKS



Standard accessories

- Slot nuts
- Clamping bolts



Code No.	Type	Chuck Size	A	B	C	D	d	E	F	G	H	M	Weight
			[mm]										[lbs]
7-630-006	9450-160	160	250	190	90	125	11	18	140	14	28	224	10.6
7-630-008	9450-200	200	300	234	130	160	11	18	176	18	32	264	16.5
7-630-010	9450-250	250	354	292	147	200	14	18	224	18	32	322	25.5
7-630-012	9450-315	315	426	362	170	260	17	18	286	18	40	394	35.3
7-630-016	9450-400	400	520	450	170	330	17	18	362	18	48	488	50.7
7-630-020	9450-500	500	640	560	240	420	17	18	458	17	48	608	126.8

9452

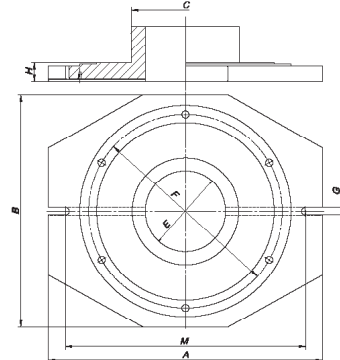
BASES

FOR SET-TRU MOUNTING



Standard accessories

- Slot nuts
- Clamping bolts

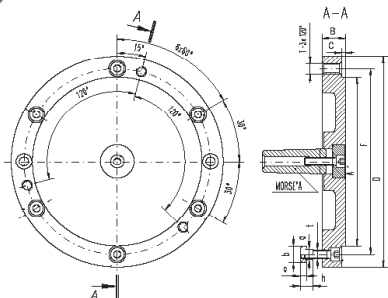


Code No.	Type	Chuck Size	A	B	C	E	F	H	M	Weight
			[mm]							[lbs]
7-630-606	9452-160	160	250	190	86.0	60	140.0	28	224	10.3
7-630-608	9452-200	200	300	234	110.0	70	176.0	28	268	16.2
7-630-610	9452-250	250	354	292	145.0	100	224.0	32	322	25.0
7-630-612	9452-315	315	426	362	180.0	120	286.0	40	394	35.5
7-630-616	9452-400	400	520	450	298.5	120	171.5	48	488	51.2



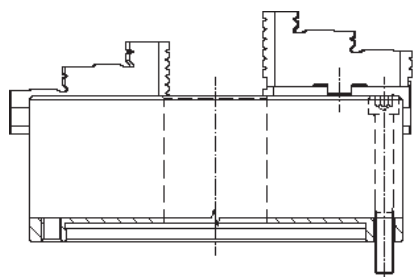
8293

■ Designed for use with rotary tables with 4 and 6 T-slots

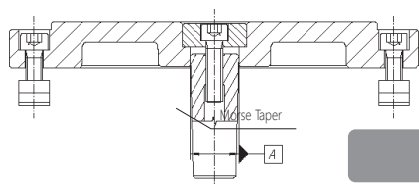


Code No.	F	A	B	C	MT	T	a	b	c	h	t	For rotary table	Chuck Size (D)	
													3274, 3574, 3275, 3575	
	[mm]												[mm]	
7-872-306	140	125	20	3.5	3	M10	10	15	6	12	4xM8	5859-160	160	
7-872-308	176	160	22	3.5	3	M10	10	15	6	12	4xM8	5859-200	200	
7-872-310	224	200	25	4.5	3	M12	12	18	7	14	4xM10	5859-250	250	
7-872-312	286	260	30	4.5	3	M16	12	18	7	14	4xM10	5859-320	315	
7-872-316	362	330	32	4.5	4	M16	14	22	8	16	6xM12	5859-400	400	
7-872-320	458	420	35	4.5	5	M16	18	28	10	20	6xM16	5859-500	500	

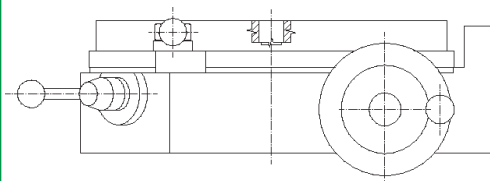
USE OF ADAPTER TYPE 8293



Self-centering lathe chucks
3274, 3275, 3574, 3575



Adapter 8293

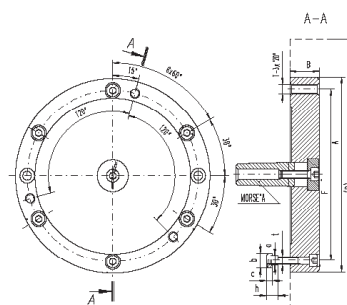


Rotary table 5859



8298

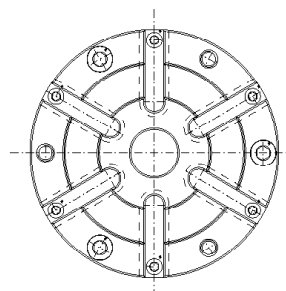
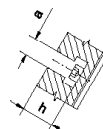
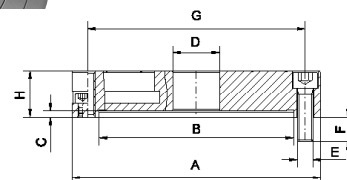
■ Designed for use with rotary tables with 4 and 6 T-slots



Code No.	F	A	B	B ₁	MT	T	a	b	c	h	t	For rotary table	Chuck Size (D)	
													3564, 3864, 3565, 3865	
	[mm]												[mm]	
7-872-606	140.0	86.00	33.5	16	3	M10	10	15	6	12	M8	5859-160	160	
7-872-608	176.0	110.00	36.5	17	3	M10	10	15	6	12	M8	5859-200	200	
7-872-610	224.0	145.00	39.5	19	3	M12	12	18	7	14	M10	5859-250	250	
7-872-612	286.0	180.00	44.5	19	3	M16	12	18	7	14	M10	5859-320	315	
7-872-616	171.4	298.45	30.0	-	4	M16	14	22	8	16	M12	5859-400	400	
7-872-620	235.0	407.00	35.0	-	5	M20	18	28	10	20	M16	5859-500	500	

9440

■ Made of high-quality cast iron
■ Face plates 9440 can be used with indexing fixtures 5901, 5902, 5911, 5912



Code No.	A	B	C	D	E	F	G	H	a	h	For indexing fixtures	Weight
	[mm]											
7-610-506	160	125	4	30	M10x35	16.0	140	30	12	21	125	7.5
7-610-508	200	160	5	40	M10x40	16.0	176	35	14	24	160	11.9
7-610-510	250	200	5	50	M12x60	23.0	224	50	18	31	200	27.4
7-610-512	315	260	5	50	M16x60	27.5	286	50	18	31	250	38.8

1

2

3

4

5

INTERCHANGEABLE DIVIDING PLATE

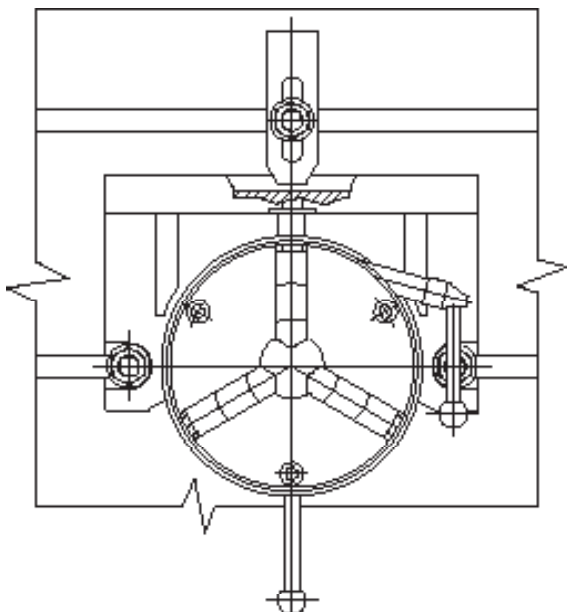
- Dividing plates with other number of divisions upon request



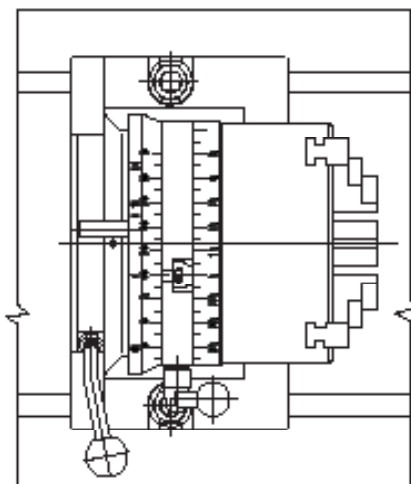
Part name	Number of divisions	Code No.			
		5901-125	5901-160	5911-200	5911-250
Z=24	2; 3; 4; 6; 8; 12; 24	7-609-0701	7-609-0735	7-609-0759	7-609-0765

EXAMPLE OF POSITIONING ON THE MACHINE TABLE

■ Vertical position



■ Horizontal position





Please contact us for catalogs on BISON's other product categories

1

MANUAL CHUCKS

- Self Centering Scroll Chucks
- Collet Chucks
- Combination Chucks
- Oil-Country Chucks with Large Thru-Hole
- Independent Chucks
- Body with Morse Taper
- Lathe Chucks for Sharpening Drills
- Self Centering Wedge Bar Chucks

2

POWER & PNEUMATIC CHUCKS

- Hydraulic Power Chucks
- Pneumatic Chucks
- Hydraulic Collet Chucks
- Hydraulic Cylinders
- Pneumatic Cylinders

3

STATIONARY WORKHOLDING

- Precision Vises
- Machine Vises
- Bench Vises
- Toolmaker & Inspection Vises
- Rotary Tables & Indexing Fixtures
- Tailstocks
- Box Jaws
- Bases for Self-Centering Fixtures

4

LIVE & DEAD CENTERS

- Precision Live Centers
- High Speed Live Centers
- Hollow Tipped Live Centers
- Heavy Duty Live Centers
- Bull Nose Live Centers
- Live Center Sets With Tips
- Carbide Tipped Dead Centers
- Half-Point Dead Centers

5

TOOLHOLDERS

- CAT, HSK, BT, NMTB Holders
- Capto Holders
- Arbors
- ER, 5C, R8, 173E Collets
- Reduction Sleeves
- Keyless Drill Chucks
- Quick Change Toolposts
- Square Toolholders
- Cylindrical or Morse Taper Shank



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