

Subject to technical changes
Dimensions and position of base jaws
are depending on top jaw type

Type KNCS-NB	210-52			260-72				315-91				400-128				500-155			630-165			800-165				
Mounting	Size	Z170	A6	A8	Z170	Z220	A6	A8	Z220	Z300	A8	A11	Z300	Z380	A11	A15	Z380	A11	A15	Z380	A11*	A15	Z520	A15*	A20	
	A	215			260				315				400				500			630			800			
	B	105	122	124	120	120	137	139	130	130	149	151	140	140	161	163	174	195	197	174	214	197	174	214	199	
	H6	D	170	106.39	139.73	170	220	106.39	139.73	220	300	139.73	196.88	300	380	196.88	285.77	380	196.88	285.77	380	196.88	285.77	520	285.77	412.8
	E	168			210				268				330				420			420/585			420/585/750			
	F	85			107				134				180				207			217			217			
Threaded ring/depth	G1	M60 x 1.5/16			M80 x 2/20				M100 x 2/22				M138 x 2/22				M165 x 2/25			M175 x 2/25			M175 x 2/25			
Piston thread/depth	G2	M75 x 2/19			M95 x 2/23				M120 x 2/25				M160 x 2/25				M185 x 2/28			M195 x 2/28			M195/2/28			
Piston stroke	K	22			25				25				32				42			42			42			
	max.	L	25	42	44	28	28	45	47	28	28	47	49	32	32	53	55	42	63	65	42	82	65	42	82	67
	M	52			72				91				128				155			165			165			
Fixing bolt circle	N	133.4	133.4	171.4	133.4	171.4	133.4	171.4	171.4	235	171.4	235	235	330.2	235	330.2	330.2	235	330.2	330.2	235*	330.2	463.6	330.2*	463.6	
Fixing bolt	O	M12	M12	M16	M12	M16	M12	M16	M16	M20	M16	M20	M20	M24	M20	M24	M24	M20	M24	M24	M20*	M24	M24	M20*	M24	
	P	72			95				115				152				180			195			195			
	Q	261			318				365				455				554			650			817			
Thread/thread depth	R1	M10/12			M10/12				M10/12				M12/18				M16/25			M16/25			M16/25			
Thread/thread depth	R2	M6/10			M8/16				M10/12				M12/18				M12/18			M12/18			M12/18			
	S	6			6				6				8				8			8			8			
	a	28			35				50				50				62			75			75			
Base jaw tooth pitch	-	4.7			5.5				5.5				5.5				7			7			7			
Base jaw offset	r	28.3			33				49.5				60.5				77			91			91			
Base jaw offset	teeth	6			6				9				11				11			13			13			
	α°	60			60				60				60				60			20/12 x 40			20/12 x 40			
	β°	60			60				60				60				60			60			60			
Stroke per jaw at piston stroke K max.	mm	6.0			7.0				7.0				8.0				10.0			10.0			10.0			
max. actuating force 3-jaw chuck	KN	53			70				95				115				120			120			120			
max. total gripping force 3-jaw chuck	KN	100			135				180				240				250			250			250			
max. speed 3-jaw chuck	rpm	5000			4000				3300				2750				1800			1500			1200			
Weight without jaws	kg	24	26	26	40	40	43	43	63	63	66	66	111	111	116	116	225	231	231	390	411	398	620	660	635	
Moment of inertia	kg/m²	0.11			0.38				0.85				2.5				6.5			18			27			
rec. closed center cylinder	Type	SIN-S 125/150			SIN-S 150/175				SIN-S 150/175/200				SIN-S 175/200				SIN-S 175/200			SIN-S 175/200			SIN-S 175/200			
rec. open center cylinder	Type	VNK 130-52			VNK 170-77				VNK 225-95				VNK 320-127				VSG 450-165			VSG 450-165			VSG 450-165			

* Indirect mounting by reducing flange



For further jaws and accessories please ask for our 150 pages special catalogue!



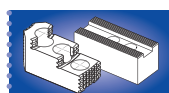
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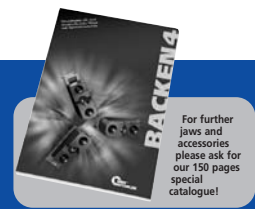
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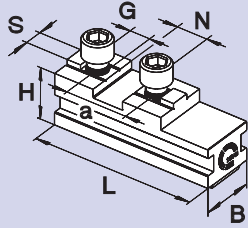


Size Spindle mounting	KNCS-NB	KNCS-NB	KNCS-NB	KNCS-NB	KNCS-NB	KNCS-NB	KNCS-NB
	210-52	260-72	315-91	400-128	500-155	630-165	800-165
Centering rim small		Z170	Z220	Z300	Z300		
Centering rim large	Z170 064334	Z220 064331	Z300 063852	Z380 063950	Z380 064307	Z380 064548	Z520 064579
A 05							
A 06	064610	064612					
A 08	064611	064333	064614				
A 11			064302	064304	064308	064577	
A 15				064305	064309	064549	064615
A 20							064616

Supply range:

Chuck + disengaging key + mounting bolts + mounting key + set of coverplates without base jaws, without top jaws

Base jaw type

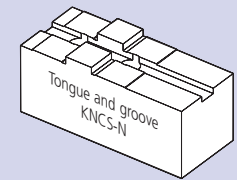


GBK-B

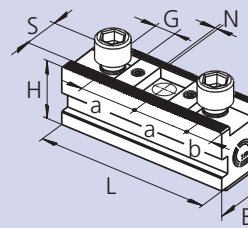
KNCS-N standard tongue & groove

KNCS-NB	210-52	260-72	315-91	400-128	500-155	630-165	800-165
Id. No.	138494	039624*	039626*	039629*	035565	035902	064604
B	28	35	50	50	62	75	75
H	32	40	45.8	45.8	57	57	57
L	85	104	115	125	160	200	287
N	20	20	20	26	30	30	30
S	10	12	12	12	18	18	18
G (metric)	M8	M12	M12	M12	M16	M16	M16
a	40	40	40	54	60	60	60

Existing top jaw



Base jaw type

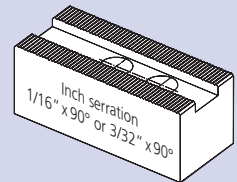


GBK-BD

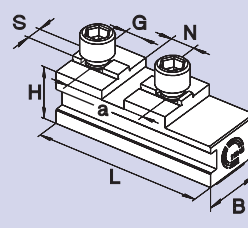
Inch serration (for SMW-AUTOBLOK standard jaws)

KNCS-NB	210-52	260-72	315-91	400-128	500-155	630-165	800-165
Id. No.	036292	035704	036167	036293	036294	036295	036296
B	28	35	50	50	62	75	75
H	32	40	45.8	45.8	61	61	61
L	85	104	115	125	160	200	287
N	1/16" x 90°	1/16" x 90°	1/16" x 90°	3/32" x 90°	3/32" x 90°	3/32" x 90°	3/32" x 90°
S (ridge)	17	21	21	25.5	25.5	25.5	25.5
G	M12	M16	M16	M20	M20	M20	M20
a	2 x 23	2 x 30	2 x 30	2 x 38	3 x 38	4 x 38	6 x 38
b	11	14	14	17	17	17	17

Existing top jaw



Base jaw type

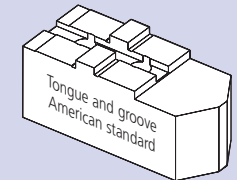


GBK-BA

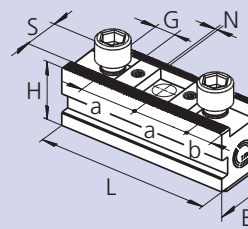
American standard tongue & groove

KNCS-NB	210-52	260-72	315-91	400-128	500-155	630-165	800-165
Id. No.	-	-	039628*	039631*	060561	060562	064590
B	-	-	50	50	62	75	75
H	-	-	45.8	45.8	57	57	57
L	-	-	120	146	168	203	287
N	-	-	19.02	19.02	19.02	19.02	19.02
S	-	-	12.7	12.7	12.7	12.7	12.7
G (inch)	-	-	5/8-11	3/4-10	3/4-10	3/4-10	3/4-10
a	-	-	63.5	76.2	76.2	76.2	76.2

Existing top jaw



Base jaw type

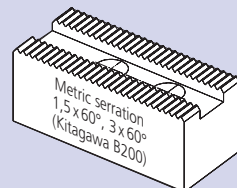


GBK-BM

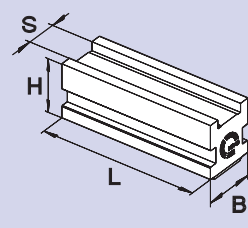
Metric serration

KNCS-NB	210-52	260-72	315-91	400-128	500-155	630-165	800-165
Id. No.	035566	035567	035568	035569	035570	035917	036708
B	28	35	50	50	62	75	75
H	32	40	45.8	45.8	61	61	61
L	85	104	115	125	160	200	287
N	1.5 x 60°	1.5 x 60°	1.5 x 60°	1.5 x 60°	3 x 60°	3 x 60°	3 x 60°
S	14	16	21	22	25	25	25
G (metric)	M12	M12	M16	M20	M20	M20	M20
a	2 x 25	2 x 30	2 x 30	2 x 43	1x50/1x60	2 x 60	4 x 60
b	11	11	14	17	17	17	17

Existing top jaw



Base jaw type



GBK-BR

Blank base jaw without serration/without hole pattern

KNCS-NB	210-52	260-72	315-91	400-128	500-155	630-165	800-165
Id. No.	035711	035703	035708	035709	035710	035901	-
B	28	35	50	50	62	75	-
H	32	40	45.8	45.8	61	61	-
L	85	104	115	125	160	200	-
S	17	21	21	25.5	25.5	30	-

Existing top jaw

