

1

NIKKO-Racks with “One-Touch” adjustment

Adjustment in less than 20 seconds

NIKKO-Racks for handling PCBs



NIKAJ-0525N2



Release lock lever (4 sec.)



NKAJ0525R-20



Set the width (12 sec.)



Lock the level (4 sec.)



NKAJ-0546R



NKAJ-0239R



NKAJ-0525N

Main feature of the NIKKO-RACKS™ with “One-Touch” parallel adjustment is the patented “pinion assembly” which ensures quick and smooth adjustment of its width. The racks versatility have gained great acceptance for use in loading and unloading PCBs in automatic test, placement, inspection and solder lines. NIKKO-RACKS™ PCB Magazines can be width adjusted in less than 20seconds and increases efficiency of set up procedure. Fixed and movable side walls are automatically kept always 100 % parallel. Many sizes are available to suit your needs.

Model No.	Max. temperature for slot cards	Max. temp. other plastic parts	Outer dimensions in mm			Adjustable width J	Base	Reference position		Pitch P	PCB slots	Weight	Size
			L	B	H			C	D				
NKAJ 0211N	60℃	60℃	160	160	395	20 ~ 110	Metal	22,5	34	8	40	2,3	S
NKAJ 0211R-AL	135℃	60℃	260	165	270	20 ~ 110	Metal	20	34	4	50	1,9	
NKAJ 0210-R	135℃	60℃	210	230	315	20 ~ 180	Metal	22	34	5	50	2,0	
NKAJ 0525N	60℃	60℃	355	320	563	35 ~ 255	Metal	34	34	10	50	5,1	M
NKAJ 0525N2	60℃	60℃	355	320	563	35 ~ 255	Plastic	34	34	10	50	3,7	
NKAJ 0525R	135℃	60℃	355	320	563	35 ~ 255	Metal	34	34	10	50	5,2	
NKAJ 0525R2	135℃	60℃	355	320	563	35 ~ 255	Plastic	34	34	10	50	3,8	
NKAJ 0525SR2	165℃	60℃	355	320	563	35 ~ 255	Plastic	34	34	10	50	3,8	
NKAJ 0525R-G400	135℃	60℃	400	320	563	35 ~ 255	Metal	34	34	10	50	6,9	L
NKAJ 0525SR-G400	165℃	60℃	400	320	563	35 ~ 255	Metal	34	34	10	50	6,9	
NKAJ 0531R	135℃	60℃	535	380	570	50 ~ 310	Metal	34	41	10	50	10,2	
NKAJ 0531SR	165℃	60℃	535	380	570	50 ~ 310	Metal	34	41	10	50	10,2	
NKAJ 0531RE	120℃	60℃	535	380	570	50 ~ 310	Metal	34	41	12,5	40	12,0	
NKAJ 0531R-400G	135℃	60℃	400	380	563	50 ~ 310	Metal	34	34	10	50	9,0	LL
NKAJ 0733R	135℃	60℃	460	400	565	70 ~ 330	Metal	35	35	10	50	9,1	
NKAJ 0733SR	165℃	60℃	460	400	565	70 ~ 330	Metal	35	35	10	50	9,1	
NKAJ 0733R-400G	135℃	60℃	400	400	563	70 ~ 330	Metal	34	34	10	50	8,8	
NKAJ 0539R	135℃	60℃	535	460	570	50 ~ 390	Metal	34	41	10	50	11,1	
NKAJ 0539SR	165℃	60℃	535	460	570	50 ~ 390	Metal	34	41	10	50	11,1	LL
NKAJ 0546R	135℃	60℃	535	530	563	50 ~ 460	Metal	34	34	10	50	12,4	
NKAJ 0546SR	165℃	60℃	535	530	563	50 ~ 460	Metal	34	34	10	50	12,4	

Important: The magazines are not designed for usage in ovens. For such applications we recommend Nikko aluminium racks or our special SR-T oven racks.

Please note: “S” and “M” size magazines standard with two guide channels as corner posts, optional with four guide channels. The listed weights correspond to “S” and “M” size magazines with two guide channels. Stopper bars and card guide labels available optionally.

2

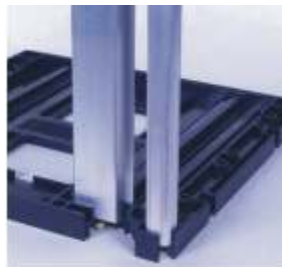
The economical alternative for standard widths

Low-Cost magazines



Tighten screws to fix adjustable guide rail unit

Strengthened Design



Supports fit securely into plastic base

Extremely lightweight: ~ 3.5



Ideal for transportation

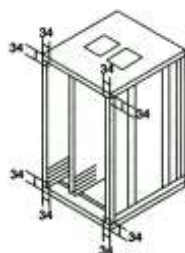
Model No.	Max. temperature for slot cards	Max. temp. for other plastic parts	Outer dimensions in mm			Adjustable width J	Base	Reference position		Pitch P	PCB slots	Weight	Size
			L	B	H			C	D				
NKLH-0525N3	60°C	60°C	355	320	563	50 ~ 250	Plastic	34	34	10	50	3.7	M
NKLH-0525R3	135°C	60°C	355	320	563	50 ~ 250	Plastic	34	34	10	50	3.8	
NKLH-0525SR3	165°C	60°C	355	320	563	50 ~ 250	Plastic	34	34	10	50	3.8	

Important: The magazines are not designed for usage in ovens. For such applications we recommend Nikko aluminium racks or our special SR-T oven racks. Please note: "S" and "M" size magazines standard with two guide channels as corner posts, optional with four guide channels. The listed weights correspond to "S" and "M" size magazines with two guide channels. Stopper bars and card guide labels available optionally.

3

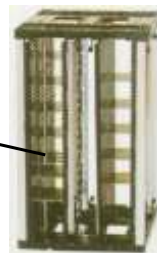
Double-adjustment type - High capacity magazine for small PCBs

Holds twice the number of small and medium size boards

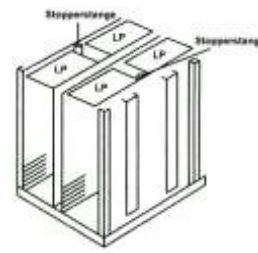


Same Reference position for all outside corners

Center stopper for insertion of PCBs from both sides



Removable stopper bar



Divided into four sections, the maximum capacity is 200 boards

Model No.	Max. temperature for slot cards	Max. temp. other plastic parts	Outer dimensions in mm			Adjustable width J	Base	Reference position		Pitch P	PCB slots	Weight	Size
			L	B	H			C	D				
NKLH-0309N-WG	60°C	60°C	355	320	563	30 ~ 98	Plastic	34	34	10	100	6.4	M
NKLH-0310R-WG	135°C	60°C	355	320	563	30 ~ 98	Plastic	34	34	10	100	6.6	

Important: The magazines are not designed for usage in ovens. For such applications we recommend Nikko aluminium racks or our special SR-T oven racks. Please note: Optional Stopper bars and card guide labels available.

4

Heat-resistant NIKKO-Racks for oven applications

Full metal magazine for oven temperatures up to 200°C



M size magazine with aluminium card guides and increased air flow

- High-temperature resistant
- Suitable for cold chamber
- Different versions for your process optimization

Model No.	Max. temperature for magazine	Outer dimensions in mm			Adjustable width J	Base	Reference position		Pitch P	PCB slots	Weight	Size
		L	B	H			C	D				
NKLH-0525AL 25 Slots, 20 mm Pitch	200°C	355	320	552	35 ~ 255	Metal	34	34	20	25	8.0	M
NKLH-0525AL 20 Slots, 10 mm Pitch	200°C	355	320	262	35 ~ 255	Metal	34	34	10	20	6.8	
NKLH-0525AL 50 Slots, 10 mm Pitch	200°C	355	320	562	35 ~ 255	Metal	34	34	10	20	8.5	

Please note: Optional stopper bar available.