

# Connectors Catalog

## KD-LF13 Handle Support Series



KD-LF13001



KD-LF13002

Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)						
No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF13001	Ø13 handle support	12.7	18	30	5	Plastic
KD-LF13002	Ø13 handle support	12.7	18	30	5	Plastic

## KD-LF13 Handle Support Series



KD-LF19001



KD-LF19002

Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)						
No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF19001	Ø19 handle support	19.05	26	33	6	Aluminum
KD-LF19002	Ø19 handle support	19.05	26	33	6	Aluminum

## KD-LF22 Handle Support Series



KD-LF22001



KD-LF22002



KD-LF22003

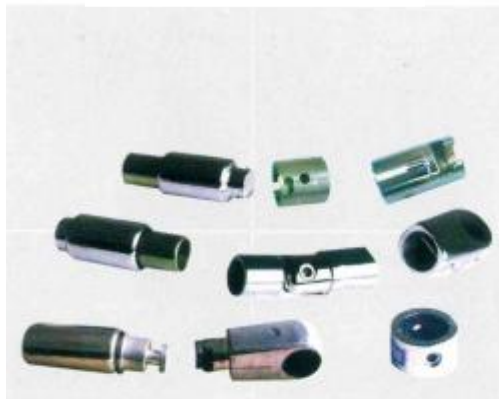


KD-LF22004

Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)

No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF22001	Ø22 handle support	22.2	30	37	6.5	Aluminum
KD-LF22002	Ø22 handle support	22.2	30	37	6.5	Aluminum
KD-LF22003	Ø19 handle	22.2	30	37	6.5	Aluminum
KD-LF22004	Ø19 handle	22.2	30	37	6.5	Aluminum

Accessories



**KD-LF43 Handle Support Series**

**Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)**

No.	Name	Tube Diameter	Center height (H ±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
0405-1-C	Ø43 side support	42.3	39	98X62	10.5	Aluminum
0405-1-S-D	Ø43two hole Tr-S	42.3	31	76	10.5	Aluminum
0405-1-S	Ø43three hole Tr-S	42.3	31	69X76	10.5	Aluminum
0405-2-T	Ø43 T-junction	42.3				Aluminum
0405-2-4-+	Ø43 + junction	42.3				Aluminum
0405-2-3-J	Ø43 there way	42.3				Aluminum
0405-2-4-J	Ø43 four way	42.3				Aluminum
0405-2-L	Ø43 L bend	42.3				Aluminum
0405-2-3-X	Ø43 Diagonal three way	42.3				Aluminum
0405-2-4-X	Ø43 diagonal four way	42.3				Aluminum
0405-S-K-A	Ø43 adjustable three way	42.3				Aluminum
0405-S-K-A	Ø43 adjustable four way	42.3				Aluminum

**KD-LF25 Handle Support Series**


Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)						
No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF25001	Ø25 three way	25.4			6.5	Aluminum
KD-LF25002	Ø25 vertical support	25.4		60	6.5	Aluminum
KD-LF25003	Ø25 short handle	25.4	60	50	6.5	Aluminum
KD-LF25004	Ø25 short handle	25.4	60	50	6.5	Aluminum
KD-LF25005	Ø25 left door support	25.4	40	55	6.5	Aluminum
KD-LF25006	Ø25 right door support	25.4	40	55	6.5	Aluminum
KD-LF25007	Ø25 support	25.4	40	48	6.5	Aluminum
KD-LF25008	Ø25 support	25.4	40	48	6.5	Aluminum
KD-LF25009	Ø25 handle	25.4	20	50	6.5	Aluminum
KD-LF25010	Ø25 handle	25.4	20	50	6.5	Aluminum
KD-LF25011	Ø25 door handle support	25.4	45	50	6.5	Aluminum
KD-LF25012	Ø25 door handle support	25.4	45	50	6.5	
KD-LF25013	Ø25 door handle support	25.4	45	50	6.5	Aluminum

**KD-LF30 Handle Support Series**



KD-LF30001



KD-LF30002



KD-LF30003



KD-LF30004



KD-LF30005



KD-LF30006



KD-LF30007

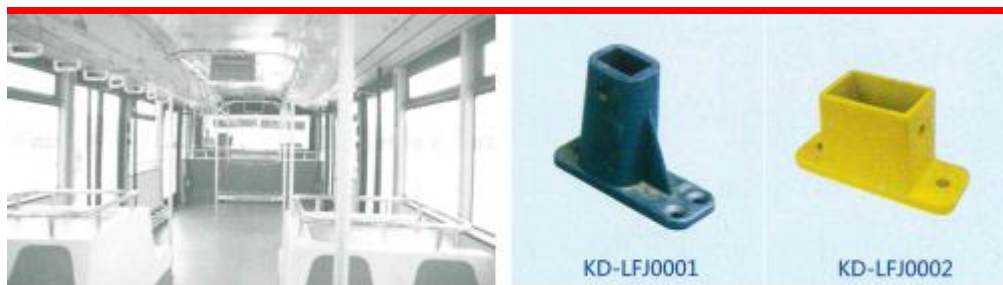
Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)

No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF30001	Ø30 three way	30		Fixed by hex socket screw		Aluminum
KD-LF30002	Ø30 three hole Tr-S	30	25	72X53	6.5	Aluminum
KD-LF30003	Ø30 three hole Tr-S	30	25	72X53	6.5	Aluminum
KD-LF30004	Ø30 two hole Tr-S	30	25	72	6.5	Aluminum
KD-LF30005	Ø30 two hole Tr-S	30	25	72	6.5	Aluminum
KD-LF30006	Ø30vertical support	30		66	6.5	Aluminum
KD-LF30007	Ø30 upper support	30		74	6.5	Aluminum

**KD-LF38 Handle Support Series**


Technical parameters (Note: hole diameter tolerance 0.3-0.45 more than tube diameter)

No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF38001	Ø38 reducing three way (38)	38.1			6.5	Aluminum
KD-LF38002	Ø38 reducing three way (32)	38.1			6.5	Aluminum
KD-LF38003	Ø38 lower support	38.1		Ø68	6.5	Aluminum
KD-LF38004	Ø38 vertical support	38.1		76	6.5	Aluminum
KD-LF38005	Ø38 diagonal support 12°	38.1	60	66	6.5	Aluminum
KD-LF38006	Ø38 three way	38.1			6.5	Aluminum

**KD-LFJ Rectangle hole Support Series**


Technical parameters

No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LFJ001	Guardrail support	22X32	102	25X105	8.5	Aluminum
KD-LFJ002	Shaft support	30X50	60	88	8.5	Cast Steel

**KD-LF 35 Handle Support Series**





KD-LF35013



KD-LF35014



KD-LF35015



KD-LF35016



KD-LF35017



KD-LF35018



KD-LF35019



KD-LF35020



KD-LF35021



KD-LF35022



KD-LF35023



KD-LF35024



KD-LF35025



KD-LF35026



KD-LF35027



KD-LF35028



KD-LF35029



KD-LF35030



KD-LF35031



KD-LF35032



KD-LF35033



KD-LF35034



KD-LF35035





No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF35001	Ø35 three way	35			6.5	Aluminum
KD-LF35002	Ø35 long lower support lining	35		78	8.5	Aluminum
KD-LF35003	Ø35 low support lining	35		76	8.5	Aluminum
KD-LF35004	Ø35 support with lining	35	60	68	8.5	Aluminum
KD-LF35005	Ø35 support with lining	35	60	68	8.5	Aluminum
KD-LF35006	Ø35 middle handle with lining	35	120	68	8.5	Aluminum
KD-LF35007	Ø35 over length handle lining	35	260	78	8.5	Aluminum
KD-LF35008	Ø35 DC lining	35				PC Plastic
KD-LF35009	Ø35 four way	35			6.5	Aluminum
KD-LF35010	Ø35 reducing three way (38)	35			6.5	Aluminum
KD-LF35011	Ø35 reducing three way (35)	35			6.5	Aluminum
KD-LF35012	Ø35 reducing four way	35			6.5	Aluminum
KD-LF35013	Ø35 single hole board clip	35	Clamp 5,8mm board, board to tube 24			Aluminum
KD-LF35014	Ø35 double hole board clip	35	Clamp 5,8mm board, board to tube 24			Aluminum
KD-LF35015	Ø35 top hole board clip	35	Clamp 5,8mm board, board to tube 40			Aluminum
KD-LF35016	Ø35 up handle fix support	35			10	Cast Steel
KD-LF35017	Ø35 adjustable up support	35		38	8.5	Cast Steel
KD-LF35018	Ø35 adjustable up support	35		40	8.5	Cast Steel

KD-LF35019	Ø35 adjustable up support	35		62	8.5	Cast Steel
KD-LF35020	Ø35 adjustable up support	35		62	8.5	Cast Steel
KD-LF35021	Ø35 reducing three way (32)	35			8.5	Cast Steel
KD-LF35022	Ø35 handle with DC lining	35	27.5	76	8.5	Aluminum
KD-LF35023	Ø35 handle with DC lining	35	27.5	76	8.5	Aluminum
KD-LF35024	Ø35 ultra-short handle	35	40	76	8.5	Aluminum
KD-LF35025	Ø35 ultra-short handle	35	40	76	8.5	Aluminum
KD-LF35026	Ø35 short handle with lining	35	80	78	8.5	Aluminum
KD-LF35027	Ø35 handle up support holeØ10	35		32	8.5	Cast Steel
KD-LF35028	Ø35 handle up support holeØ45	35		32	8.5	Cast Steel
KD-LF35029	Ø35 vertical handle up support	35		32	8.5	Cast Steel
KD-LF35030	Ø35 upper support	35		80	8.5	Cast Steel
KD-LF35031	Ø35 up support left 75°	35		80	8.5	Cast Steel
KD-LF35032	Ø35 up support right 75°	35		80	8.5	Cast Steel
KD-LF35033	Ø35 up support right 45°	35		80	8.5	Cast Steel
KD-LF35034	Ø35 low support	35			8.5	Cast Steel
KD-LF35035	Ø35 low support 4.5°	35			8.5	Cast Steel
KD-LF35036	Ø35 Left up support 60°	35		100	8.5	Cast Steel
KD-LF35037	Ø35 right up support 60°	35		100	8.5	Cast Steel
KD-LF35038	Ø35 Left up support 45°	35		100	8.5	Cast Steel
KD-LF35039	Ø35 right up support 45°	35		100	8.5	Cast Steel
KD-LF35040	Ø35 long handle	35	180	72	8.5	Aluminum
KD-LF35041	Ø35 up fix panel 0°	35		38	9	Cast Steel
KD-LF35042	Ø35 up fix panel 140°	35		38	9	Cast Steel
KD-LF35043	Ø35 up fix panel 168°	35		38	9	Cast Steel
KD-LF35044	Ø35 handle up support	35			13	Cast Steel
KD-LF35045	Ø35 enhanced three way	35		Fixed with three screw		Aluminum
KD-LF35046	Ø35 up support with cushion	35		40	9	Cast Steel
KD-LF35047	Ø35 spring vertical support	35		76	9	Aluminum

**KD-LF 32 Handle Support Series**





KD-LF32029



KD-LF32030



KD-LF32031



KD-LF32032



KD-LF32033



KD-LF32034



KD-LF32035



KD-LF32036



KD-LF32037



KD-LF32038



KD-LF32039



KD-LF32040



KD-LF32041



KD-LF32042



KD-LF32043



KD-LF32044



KD-LF32045



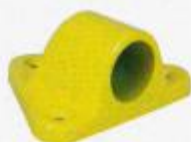
KD-LF32046



KD-LF32047



KD-LF32048



KD-LF32049



KD-LF32050



KD-LF32051



KD-LF32052



KD-LF32053



KD-LF32054



KD-LF32055



KD-LF32056



KD-LF32057

No.	Name	Tube Diameter	Center height (H±2)	Installation pitch-row(L±0.2)	Installation pitch-row(ø±2)	Note
KD-LF32001	Ø32 three way	31.75			6.5	Aluminum
KD-LF32002	Ø32 low support	31.75		Ø62	6.5	Aluminum
KD-LF32003	Ø32 vertical support	31.75		66	6.5	Aluminum
KD-LF32004	Ø32 Diagonal support 5°	31.75		66	6.5	Aluminum
KD-LF32005	Ø32 short handle	31.75	80	68	8.5	Aluminum
KD-LF32006	Ø32 middle handle	31.75	120	68	8.5	Aluminum
KD-LF32007	Ø32 long handle	31.75	165	68	8.5	Aluminum
KD-LF32008	Ø32 over-length handle	31.75	260	77	8.5	Aluminum
KD-LF32009	Ø32 ultra-short handle	31.75	40	74	8.5	Aluminum
KD-LF32010	Ø32 ultra-short handle	31.75	40	74	8.5	Aluminum
KD-LF32011	Ø32 handle	31.75	20	70	8.5	Aluminum
KD-LF32012	Ø32 four way	31.75			6.5	Aluminum
KD-LF32013	Ø32 left door support	31.75	40	74	8.5	Aluminum
KD-LF32014	Ø32 right door support	31.75	40	74	8.5	Aluminum
KD-LF32015	Ø32 support	31.75	60	68	8.5	Aluminum
KD-LF32016	Ø32 support	31.75	60	68	8.5	Aluminum
KD-LF32017	Ø32 long low support	31.75		70	8.5	Aluminum
KD-LF32018	Ø32 reducing three way (20)	31.75			6.5	Aluminum
KD-LF32019	Ø32 side diagonal support 15°	31.75		66	6.5	Aluminum
KD-LF32020	Ø32 side diagonal support 34°	31.75		66	8.5	Aluminum
KD-LF32021	Ø32 low support with cover	31.75		58	6.5	Aluminum
KD-LF32022	Ø32wide window support (head38)	31.75			6.5	Aluminum
KD-LF32023	Ø32 board support (single hole)	31.75	Clamp 2,5mm board,board to tube 21mm			Aluminum
KD-LF32024	Ø32double hole board support	31.75	Clamp 2,5,8 mm board,board to tube 24mm			Aluminum
KD-LF32025	Ø32 enhanced three way	31.75	Fixed with three screws			Aluminum
KD-LF32026	Ø32 improved three way	31.75	Fixed with two hex socket screwws			Aluminum
KD-LF32027	Ø32 up handle fix support	31.75			10	Aluminum
KD-LF32028	Ø32 stream line window support	31.75	60	50	6.5	Aluminum
KD-LF32029	Ø32 handle	31.75	20	70	8.5	Aluminum
KD-LF32030	Ø32 board support single hole	31.75	Clamp 2,5mm board,board to tube 27mm			Aluminum
KD-LF32031	Ø32 board support single hole	31.75	Clamp 2,,8 board,board to tube 24mm			Aluminum
KD-LF32032	Ø32 three way	31.75			6.5	Cast steel
KD-LF32033	Ø32 four way	31.75			6.5	Cast steel
KD-LF32034	Ø32 vertical support	31.75		67	8.5	Cast steel
KD-LF32035	Ø32 support with lining	31.75		72	8.5	Aluminum
KD-LF32036	Ø32 DC lining	31.75				PC Plastic
KD-LF32037	Ø32 adjustable up support	31.75		38	8.5	Cast steel
KD-LF32038	Ø32 adjustable up support	31.75		62	8.5	Cast steel
KD-LF32039	Ø32 adjustable up support	31.75		62	8.5	Cast steel
KD-LF32040	Ø32 up fix support 135°	31.75		50X30	8.5	Cast steel

KD-LF32041	Ø32 handle up fix support	31.75			13	Cast steel
KD-LF32042	Ø32 handle up support 145°	31.75		32	8.5	Cast steel
KD-LF32043	Ø32 vertical handle up support	31.75		32	8.5	Cast steel
KD-LF32044	Ø32 low support with cover	31.75		58	8.5	Cast steel
KD-LF32045	Ø32 glass clip(8mm) 32*36 tube				4.5	Cast steel
KD-LF32046	Ø32 cast steel three way	31.75	Fixed with two screws			Cast steel
KD-LF32047	Ø32 cast steel long handle	31.75	220	72	8.5	Cast steel
KD-LF32048	Ø32 over length handle	31.75	220	72	8.5	Aluminum
KD-LF32049	Ø32 cast steel Tr-S	31.75	25	72X53	6.5	Cast steel
KD-LF32050	Ø32 cast steel enhance Tr-S	31.75	Fixed with three screws			Cast steel
KD-LF32051	Ø32 top hole board clip	31.75	Clamp 2,5,8 board, board to tube side 24mm			Aluminum
KD-LF32052	Ø32 spring vertical support	31.75		72	9	Aluminum
KD-LF32053	Ø32 flat vertical support	31.75		72	9	Aluminum
KD-LF32054	Ø32 steel luggage rack support	31.75		20	6.5	Cast steel
KD-LF32055	Ø32 steel luggage rack support	31.75		25	6.5	Cast steel
KD-LF32056	Ø32 expansion rod spacing ring	31.75			6.5	Aluminum
KD-LF32057	Ø32 cast steel up support 161°	31.75		40	8.5	Cast steel