Model E

Ultra-lightweight, easy-to-use with a latch type safety lock

** Recommended product developed in collaboration with Shipbuilders' Association of Japan



※A version with knurled teeth that leave imperceptible bite marks is also available.

Clamps for steel Vertical lifting clamps

Model EK

Best suited for light and thick loads with its wide jaws

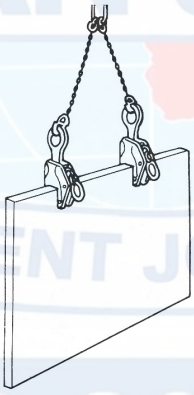
Clamps for steel Vertical lifting clamps

■Application

Vertical lifting, transporting, turning, welding, assembling, erecting, loading, pressing and bending

■Materials that can be handled

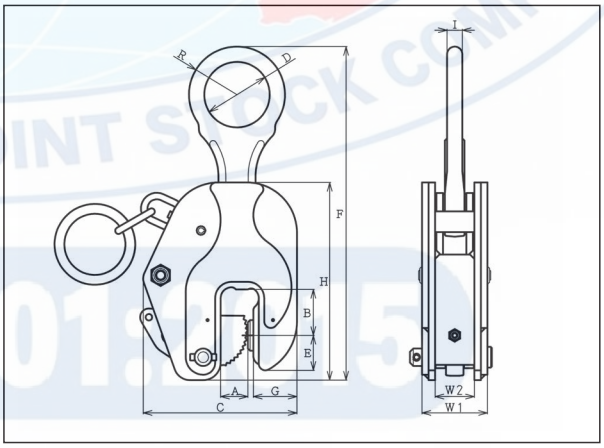
Steel plates, shaped-steel, flat steel, steel joists, steel sheet pilings, steel structures, steel frames, forged products, cast products, crane girders, crane beams, pipes, etc.



■Features

- Reliable latch type locking device (spring type clamping mechanism)
- Powerful automatic clamping mechanism that uses the weight of the load to hold it securely
  Clamping force is more than twice the weight of the load / The grip is proportional to the weight of the load
- Induction-hardened, special steel alloy cam
- Main body is made of high-tensile steel with a welded construction method that is resistant to cracks
- Round swivel jaw to grip the load firmly
- Easy-to-handle large lifting shackle
- Baked epoxy paint finish

Specifications



■Table of Dimensions (Model : E)

★Model E-100 : Knurled version

Code No.	Model	W.L.L. Min~Max (kg)	Effective thickness (mm)	Dimensions (mm)												Product weight (kg)
				A	B	C	D	E	F	G	H	I	R	W1	W2	
★01E00101	E-100(1-10)	20~100	1~10	12	30.5	86	30	17	155~187	22	113	8	23	28	19	1.0
01E00151	E-350(2-16)	70~350	2~16	18	27	100	36	18.5	165~200	25	120	10	28	31	22	1.4
01E00200	E-500(3-20)	100~500	3~20	23	30	114	45	26	230~262	27	148	10	35.5	49	28	2.7
01E10200	E-1 (3-20)	200~1000	3~20	23	36	126	50	24	242~270	33	155	12	38	51	30	3.6
01E10300	E-1 (3-30)	200~1000	3~30	33.5	45	143.5	50	25	253~294	36	180	12	38	51	30	4.3
01E10320	E-1 (6-32)	200~1000	6~32	35.5	44.5	148.5	50	25	253~288	37	182	12	38.5	51	30	5.2
01E10400	E-1 (5-40)	200~1000	5~40	43	50	175	50	25	307~357	40	198	12	38	51	30	6.0
01E20300	E-2 (3-30)	400~2000	3~30	35	45	153	60	30	277~322	45	194	14	44	60	36	5.7
01E20500	E-2 (25-50)	400~2000	25~50	55	60	193	60	30	310~358	46	225	14	44	60	36	7.5
01E30350	E-3 (3-36)	600~3000	3~36	40	50	175	60	35	331~390	45	240	18	50	68	40	9.0
01E30700	E-3 (40-70)	600~3000	40~70	75	70	236	60	35	378~435	56	280	19	50	68	40	12.5
01E50450	E-5 (5-45)	1000~5000	5~45	50	55	224	65	45	383~435	63	269	22	55	76	44	16.7

■Table of Dimensions (Model : EK) Knurled version

Code No.	Model	W.L.L. Min~Max (kg)	Effective thickness (mm)	Dimensions (mm)												Product weight (kg)
				A	B	C	D	E	F	G	H	I	R	W1	W2	
※51E0R251	EK-350 (9-25)	70~350	9~25	27	27	109	36	18.5	171~207	25	123	10	28	31	22	1.5
※51E0R400	EK-500(20-40)	100~500	20~40	43	50.5	147	45	19.5	257~310	30	190	13	35.5	49	28	4.1
※51E0R600	EK-500(40-60)	100~500	40~60	63	50.5	167	45	19.5	257~310	30	190	13	35.5	49	28	4.3

※Made-to-order product
○The specifications, dimensions and paint colors are subject to change without prior notice.