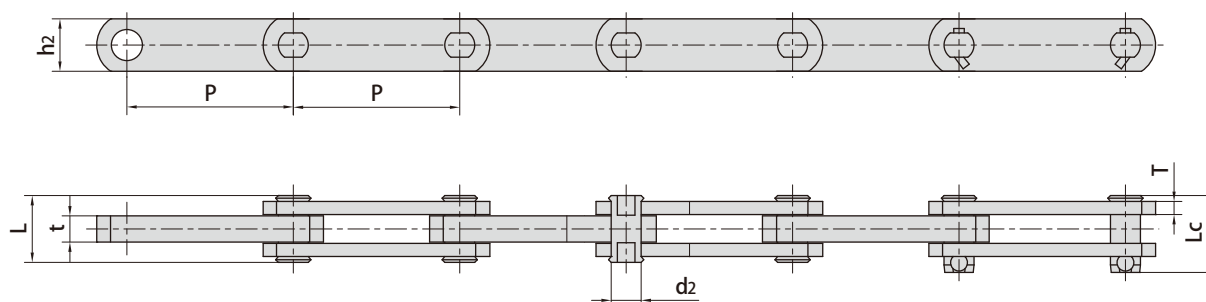


When a certain tensile strength is required for a chain with a standard inner link, a block chain execution is an excellent choice to increase this tensile strength. A block chain is simple and highly rigid since it does not have bushings or rollers. Although the frictional force is large when the chain runs on the flow, the chain has an extended service life because rotating parts. Thus, large loads can be accommodated. Block chains are

## (a) Block chain

GEHA Block chain consists of alternate pin-linkplates and blocks connected by pins. This chain is a unique construction and is extremely high in both rigidity and mechanical strength. Also excellent in wear resistance and heat resistance, is suited for dragging as well as for high speed conveyance of materials possibly high in temperature. Usually it is combined with various dogs according to the kind of materials to be conveyed, while it is also possible to load materials directly on the chain or fit the chain with other types of attachments.

suitable for a conveyor accommodating heavy articles with shock loads and conveyors used in severe environments to convey high temperature or corrosion-sensitive objects. We manufacture 26 kinds of standard block chains in tensile strength ranging from 308 kN (=31.5 tons) to 2,721 kN (=277.5 tons). For enhanced reliability conveyance, block chains with various dogs are designed and manufactured upon request.



Chain No.	Pitch	Pin diameter	Pin length		Plate depth	Plate thickness	Tensile strength	Average tensile strength	Weight per meter
	P mm	d2 max mm	L max mm	Lc max mm	h2 max mm	t/T max mm	Q min kN/lbf	Q0 kN	q kg/m
BK3150	150	18.5	47	56	38.1	22.0 / 7.9	308/70000	340.0	7.1
BK3152	152.4								7.1
BK3200	200								6.8
BK4150	150	22.12	52	61	44.5	25.0 / 7.9	396/90000	435.0	9.3
BK4152	152.4								9.3
BK4200	200								8.8
BK4300	300								8.3
BK5200	200	25.3	59	72	50.8	30.0 / 9.5	490/111400	540.0	12.0
BK5240	240								11.6
BK5250	250								11.5
BK6200	200	26.5	62	75	55.0	32.0 / 12.7	588/133600	646.0	15.6
BK6250	250								14.8
BK6300	300								14.4
BK7200	200	26.5	64	77	57.0	34.0 / 12.7	704/160000	770.0	16.2
BK7250	250								15.5
BK7300	300								15.0
BK10250	250	32.0	77	88	70.0	40.0 / 16.0	1030/234000	1130.0	15.5
BK10300	300								15.0