



plate grabs  
horizontal, vertical & universal

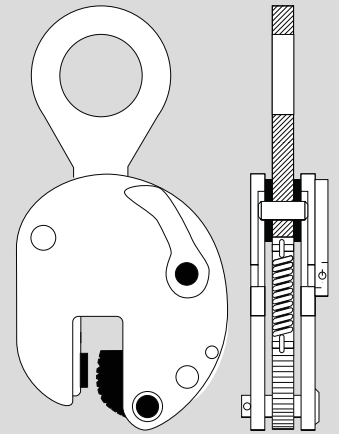


## Vertical lifting clamp

series DSQ-A

Model	Working load limit	Proof load	Jaw opening	Net weight
	[t]	[t]	[mm]	[kg]
DSQ-A1	1.0	2.0	0~22	3.8
DSQ-A2	2.0	4.0	0~30	6.0
DSQ-A3	3.0	6.0	0~35	9.3
DSQ-A4	4.0	8.0	0~45	18.5
DSQ-A5	5.0	10.0	0~50	33.0
DSQ-A10	10.0	20.0	0~50	48.5

Factor of Safety 5:1

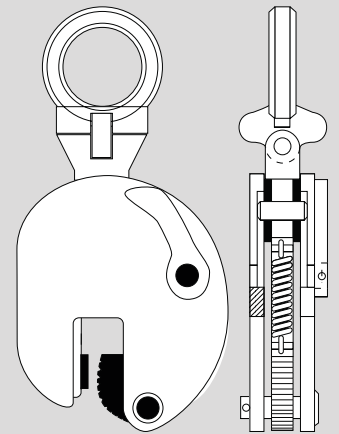


## Universal lifting clamp

series DSQ-C

Model	Working load limit	Proof load	Jaw opening	Net weight
	[t]	[t]	[mm]	[kg]
DSQ-C1	1.0	2.0	0~22	3.8
DSQ-C2	2.0	4.0	0~30	6.0
DSQ-C3	3.0	6.0	0~35	9.3
DSQ-C4	4.0	8.0	0~45	18.5
DSQ-C5	5.0	10.0	0~50	33.0
DSQ-C10	10.0	20.0	0~50	48.5

Factor of Safety 5:1

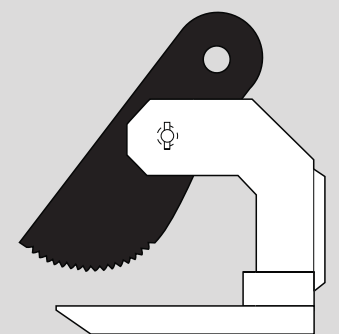


## Horizontal lifting clamp

series DHQ

Model	Working load limit	Proof load	Jaw opening	Net weight
	[t]	[t]	[mm]	[kg]
DHQ-1	1.0	2.0	0~30	4.0
DHQ-2	2.0	4.0	0~35	7.2
DHQ-3	3.0	6.0	0~40	8.0
DHQ-4	4.0	8.0	0~45	8.5
DHQ-5	5.0	10.0	0~50	9.0

Factor of Safety 5:1





## Safe use

Always read the safe use instructions before using a clamp.

The lifting clamps are suitable for lifting and transporting of steel plates with a maximum hardness of 37 Hrc (345 HB, 1166 N/mm<sup>2</sup>).

The lifting clamps are suitable for usage in normal atmospheric conditions, between -40°C and +100°C.

Never overload a clamp and prevent the jerking of loads.

When loading always use the whole jaw depth.

Never lift more than one plate at the same time.

Always keep your distance during lifting and lowering of a load.

Never travel the load over anybody.

Any welding to the clamp is forbidden, this can influence the hardness and strength of the clamp.

Horizontal lifting clamps must only be used in pairs and should never be used to drag or turn a load.

When lifting a steel plate from two points, always lift from the centre of balance.

When lifting a long plate, lift at four or more points and use a spreader beam if possible.

## Inspections

Inspections should be completed by a competent person, before use and at intervals of at least 3 months or sooner if deemed necessary.

If more than 2 gripper teeth are broken, the clamp cannot be used.

WLL (kgs)	Max. wear	Tooth wear limit
750 - 1500	0.8mm	
2000-5000	1.0mm	
6000-16000	1.2mm	

## Reduction of working load limit due to angles

