IRON MAN (Clamp for Temporary Structure)

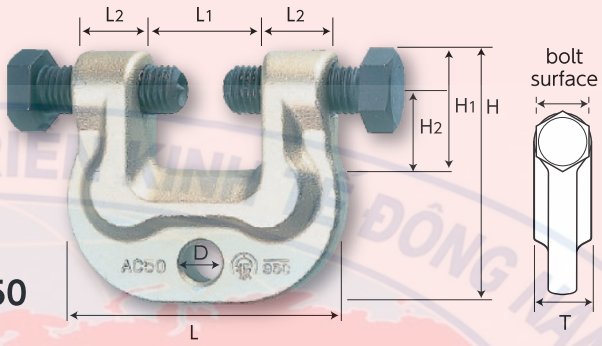
AC • AC-H • ACL

Optimal for assembling materials for temporary structures such as working platforms.



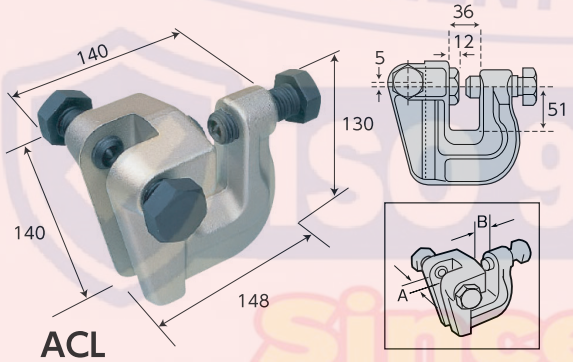
AC36

AC50



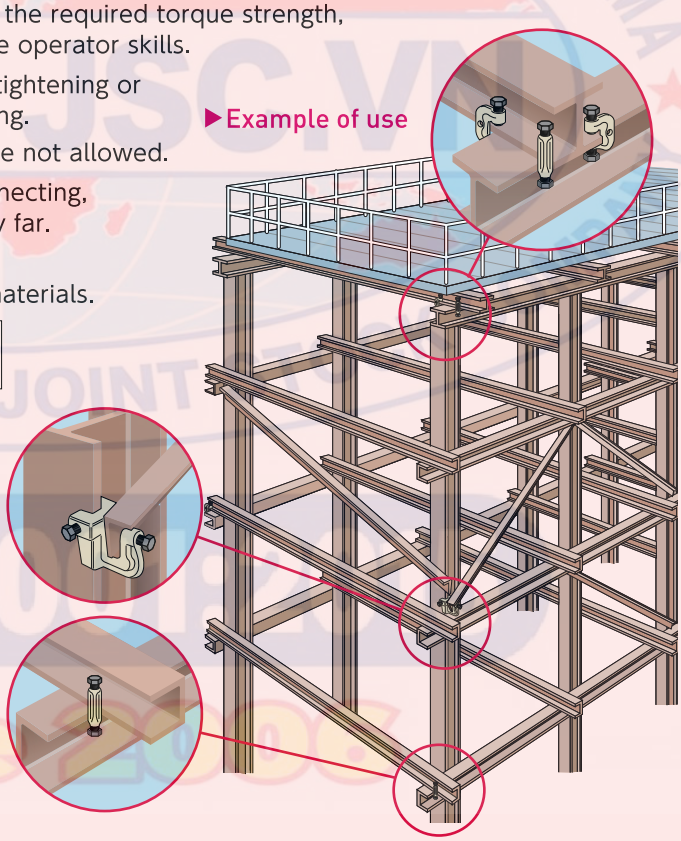
- You can assemble just by tightening the bolts at the required torque strength, so the assembling quality is not influenced by the operator skills.
- Assembly and disassembly can be done just by tightening or loosening the bolts, no need for welding or drilling.
- Can be fixed in places where fire or electricity are not allowed.
- Compared to traditional welding or bolt nut connecting, the assembling/disassembling time is reduced by far.
- The points of the bolts are induction-hardened and designed to firmly bite into and hold steel materials.

Scaffolding and Construction Equipment Association of Japan authorized items. (AC50•50H•60)



ACL

▶Example of use



⚠ Read the operation manual before use.
Follow all safety and handling points.

Item No.	Clamp range (mm)	Load tested for deformation (opening strength resistance) (kN)	Bolt surface	Bolt tightening torque (mm)	Size (mm)								N.W. (kg)
					L	L1	L2	H	H1	H2	D	T	
AC36	9~36	10	17	49	90	40	20	65	35	25	ϕ6	20	0.55
AC45	9~45	30	24	147	114	48	28	92	44	31	ϕ12	26	1.1
AC50	9~50	50	36	294	135	55	35	120	55	36	ϕ18	38	2.6
AC50H	9~50	50	41	294	135	55	35	120	55	36	ϕ18	38	2.7
AC60	21~60	50	36	294	156	63	35	126	55	36	ϕ18	40	3.5

The opening strength resistance is a testing load only and is different from the guaranteed load.

Item No.	Clamp range (mm)	Load tested for deformation (opening strength resistance) (kN)	Bolt surface	Bolt tightening torque (mm)	N.W. (kg)
ACL	(A) 9~22<H beam side> (B) 5~19<Angle beam side>	70	36	294	4.5