

TECHNICAL DATA SHEET

PRODUCT : STEEL SNAP HOOK

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CONFORMING TO EN 362:2004(CLASS T)



Physical Parameters	General		- Opening 17 mm - Stamped out of steel sheet. - Auto closing & auto locking type steel snap hook. - Locking by spring operated attachments.
		Weight	210.0gm
Metallic Assembly		Material	High strength steel
		Breaking Strength	Greater than 25 kN
Vital Test Compliance	Static Strength	Plating	Silver/Golden Yellow Galvanized
		Finish	Free of sharp edges. Capable of taking 50 hrs of neutral salt spray testing.
		Testing Equipment Required	Tensile Testing Machine.
		Major Axis	Able to withstand a Tensile Load of 23 kN for 3 Min $\pm$ 3 sec with Gate closed and unlocked. And also able to withstand a Tensile Marked Load + 1kN for 3 Min $\pm$ 3 sec with Gate closed and locked.
	Gate Function	Minor Axis	Able to withstand a Tensile Load of 7 kN for 3 Min $\pm$ 3 sec with Gate closed.
		Testing Equipment Required	Tensile Testing Machine.
	Gate Function		With the gate closed and locked, apply a load of 6kN for 10 $\pm$ 1 second along the major axis. Unload and check that gate opens as intended.

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	Gate Resistance	Gate Face	Tested with a force of (1.0 ± 0.02) kN, the gate-locking feature of connector function correctly without separating from the latch by more than 1mm.
		Gate Side	Gate locking withstands a force of $1.5 (\pm 0.03)$ kN without any partial fracture. After this test the gate locking feature still functions correctly.
	Corrosion Test	Testing Equipment	Salt Spray Chamber
		Conformity	Does not show any red rust after subjecting to 120 hours of salt-spray testing.