



"Makin' the Hard Jobs Easy"

HI-TOOL CABLE GRIPS

HI-TOOL CO., LTD

GRIP SELECTION

1. Determine the type of wire or conductor the Grip is to be used on, for example: bare Cu; Al; ACSR , Guy Wire, Covered Conductor, ABC, Steel Rod or Barbed wire.
2. Check the actual (OD) Outside Diameter of wire or conductor the Grip is to be used on.
3. What is the maximum working load limit (WLL) required.

Always follow manufacturer's safety instructions, especially with regards to regular inspection and maintenance.

Grip jaws must be cleaned regularly with a wire brush to avoid slippage and contamination build up.

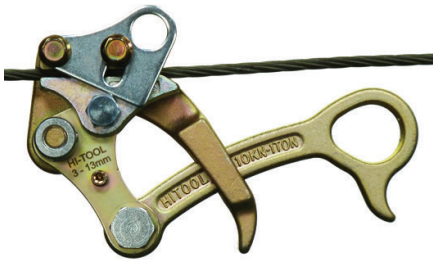
Model No.	Specifications					Cable/Conductor Types										Safety				
	WLL (kN)	Min (mm) Ø	Max (mm) Ø	Jaw Length (mm)	Weight (kg)	Bare Cu Cable	ACSR	Aluminium	ABC	Covered Cable	Trolley Wire	Guy Wire	Wire Rope	Steel Rod	Barbed Wire	Live Line	Safety Latch	Trigger Grip	Spring Latch	Notched
SD-S-GRIP	10	3.0	13.0	50	0.6	✓				✓		✓					✓	✓		
NEW-SD-GRIP	10	2.6	15.0	50*	0.6	✓				✓		✓		✓	✓		✓	✓		
10KN-GRIP	10	5.0	22.0	70	1.1	✓				✓	✓	✓		✓			✓	✓		
20KN-GRIP	20	5.0	22.0	90	1.5	✓				✓	✓	✓		✓			✓	✓		
20KN-W-GRIP	20	5.0	22.0	90	1.5	✓				✓	✓	✓	✓	✓			✓	✓		
35KN-GRIP	35	5.0	22.0	90	1.7	✓				✓	✓	✓	✓	✓			✓	✓		
MIGHTY-20-GRIP	20	5.0	28.0	120	1.9	✓				✓		✓		✓			✓	✓		
LARGE-20-GRIP	20	16.0	35.0	120	2.1	✓				✓				✓			✓	✓		
LARGE-30-GRIP	30	18.0	35.0	120	2.4	✓				✓				✓			✓	✓		
40KN-GRIP	40	8.0	28.0	140	3.5	✓				✓	✓	✓	✓	✓			✓	TWIST		
AL-10KN-GRIP	10	5.0	22.0	70	1.0	✓	✓	✓									✓	✓		
AL-20KN-GRIP	20	5.0	22.0	90	1.5	✓	✓	✓									✓	✓		
AL-35KN-GRIP	35	5.0	22.0	90	1.7	✓	✓	✓									✓	✓		
AL-MIGHTY-20-GRIP	20	5.0	28.0	120	1.9	✓	✓	✓									✓	✓		
AL-LARGE-20-GRIP	20	16.0	35.0	120	2.1	✓	✓	✓									✓	✓		
AL-LARGE-30-GRIP	30	18.0	35.0	120	2.4	✓	✓	✓									✓	✓		
AL-50KN-GRIP	50	18.0	36.0	180	4.7	✓	✓	✓									✓	TWIST		
AL-60KN-GRIP	60	28.0	46.0	220	7.0	✓	✓	✓									✓	TWIST		
H-20KN-GRIP	20	5.0	22.0	90	1.5	✓	✓	✓								✓	✓	✓	✓	✓
H-35KN-GRIP	35	5.0	22.0	90	1.7	✓	✓	✓								✓	✓	✓	✓	✓
H-MIGHTY-20-GRIP	20	5.0	28.0	120	1.9	✓	✓	✓								✓	✓	✓	✓	✓
H-LARGE-20-GRIP	20	16.0	35.0	120	2.1	✓	✓	✓								✓	✓	✓	✓	✓
H-LARGE-30-GRIP	30	18.0	35.0	120	2.4	✓	✓	✓								✓	✓	✓	✓	✓
ABC-S-GRIP	3.5	4x16 2x16	4x35 2x50	80	0.6				✓								✓	✓		
ABC-M-GRIP	10	4x25	4x95	160	2.4				✓								✓	✓		
ABC-L-GRIP	18	4x95	4x150	180	2.6				✓								✓	✓		

* Curved serrated jaw



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SD-S-GRIP

For Bare Copper, Cable Covered & Guy Wire (Special flat jaw, compact & lightweight)

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
10	3	13	50	25x30	0.6



NEW-SD-GRIP

For CU Cable, Guy Wire, Steel Rod, Barbed Wire

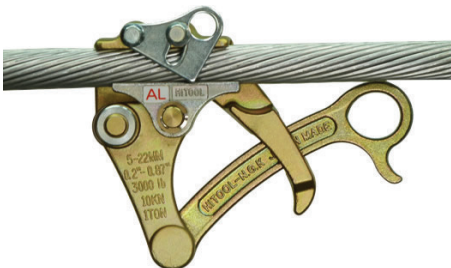
WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
10	2.6	15	50	25x30	0.6



10KN-GRIP

For Bare Copper Cable, Covered Cable, Guy Wire

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
10	5	22	70	25x30	1.1



AL-10KN-GRIP

For Bare ACSR, Aluminium & Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
10	5	22	70	25x30	1.1



20KN-GRIP

For Bare Copper Cable, Covered Cable, Guy Wire

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	22	90	32x42	1.5



20KN-W-GRIP

For Bare Copper Cable, Guy Wire, Trolley Wire, Wire Rope

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	22	90	32x42	1.5



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AL-20KN-GRIP

For Bare ACSR, Aluminium & Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	22	90	32x42	1.5



H-20KN-GRIP

For Bare ACSR, Aluminium & Copper Cable, includes Spring Latch & Notched Arm.

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	22	90	32x42	1.5



MIGHTY-20-GRIP

For Covered Cable, Bare Copper Cable, Guy Wire

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	28	120	32x42	1.9



AL-MIGHTY-20-GRIP

For Bare ACSR, Aluminium & Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	28	120	32x42	1.9



H-MIGHTY-20-GRIP

For Bare ACSR, Aluminium & Copper Cable, includes Spring Latch & Notched Arm.

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	5	28	120	32x42	1.9



LARGE-20-GRIP

For Covered Cable, Bare Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	16	35	120	32x42	2.1



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AL-LARGE-20-GRIP

For Bare ACSR, Aluminium & Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	16	35	120	32x42	2.1



H-LARGE-20-GRIP

For Bare ACSR, Aluminium & Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
20	16	35	120	32x42	2.1



35KN-GRIP

For Bare Copper Cable, Guy Wire, Trolley Wire, Wire Rope

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
35	5	22	90	32x42	1.7



AL-35KN-GRIP

For Bare ACSR, Aluminium & Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
35	5	22	90	32x42	1.7



H-35KN-GRIP

For Bare ACSR, Aluminium & Copper Cable, includes Spring Latch & Notched Arm.

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
35	5	22	90	32x42	1.7



LARGE-30-GRIP

For Covered Cable, Bare Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
30	18	35	120	32x42	2.4



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AL-LARGE-30-GRIP

For Bare ACSR, Aluminium & Copper Cable

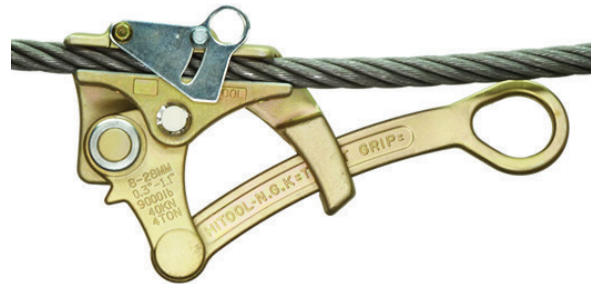
WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
30	18	35	120	32x42	2.4



H-LARGE-30-GRIP

For Bare ACSR, Aluminium & Copper Cable, includes Spring Latch & Notched Arm.

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
30	18	35	120	32x42	2.4



40KN-GRIP

For Bare Copper Cable, Guy Wire, Trolley Wire, Wire Rope

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
40	8	28	140	43x51	3.5



AL-50KN-GRIP

For Bare ACSR, Aluminium & Bare Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
50	18	36	180	43x51	4.7



AL-60KN-GRIP

For Bare ACSR, Aluminium & Bare Copper Cable

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
60	28	46	220	60x51	7.0



ABC-S-GRIP

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
3.5	4x16	4x35	80	24x30	0.6
	2x16	2x50			



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ABC-M-GRIP

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
10.0	4x22	4x98	160	32x42	2.4



ABC-L-GRIP

WLL (kN)	Min. Cable (mm)	Max. Cable (mm)	Jaw Length (mm)	Eye Size (mm)	Wt (kg)
18.0	4x95	4x150	180	32x42	2.6



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LIVE LINE GRIPS	FEATURES
	<p>There are four key features of the "H" Live Conductor Grips from Hi-Tool:</p> <ol style="list-style-type: none"> 1. Spring Loaded Handle 2. Notched Handle 3. Hot Stick Ring 4. Trigger Grip

LIVE LINE GRIP RANGE								
Model No.	WLL (kN)	Min □ (mm)	Max □ (mm)	Jaw Length (mm)	Wt (kg)	Bare ACSR/Al/Cu	Safety Latch	Trigger Grip
H-20KN-GRIP	20	5.0	22.0	90	1.5	✓	✓	✓
H-30KN-GRIP	30	5.0	22.0	90	1.7	✓	✓	✓
H-MIGHTY20-GRIP	20	5.0	28.0	120	1.9	✓	✓	✓
H-LARGE20-GRIP	20	16.0	35.0	120	2.1	✓	✓	✓
H-LARGE30-GRIP	30	18.0	35.0	120	2.4	✓	✓	✓



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		DESCRIPTION
1		Lock the handle open by squeezing the trigger grip.
2		Now the handle is locked open use a shotgun stick to hold the safety latch eye to carry the grip to the conductor and insert the conductor into the jaws.
3		Now remove the shotgun stick and the safety latch will close keeping the conductor enclosed within the jaws. To release the jaws and grip on the conductor tap upwards on the pulling handle (with your shotgun stick) of the grip between the trigger grips.
4		Now you can do your pulling with your live line hoist.
5		Upon completion, use your shotgun stick to grab the bottom hot stick ring, then pull down until the grip locks open.
6		Once the grip is locked open move your shotgun stick to the safety latch ring and lift upwards, opening the latch for you to lift the grip off the conductor.