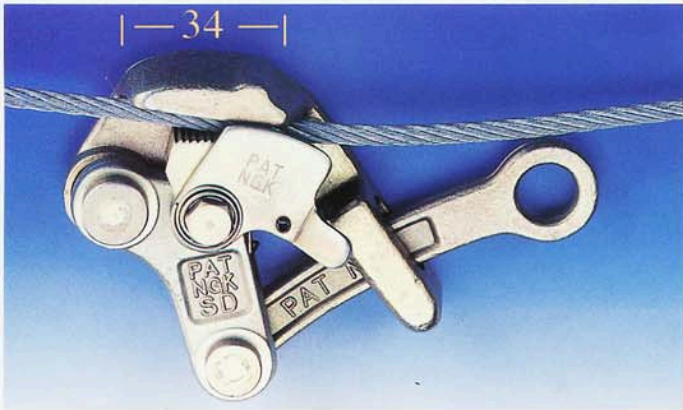


PAT NGK GRIPS

SD Wire Grip

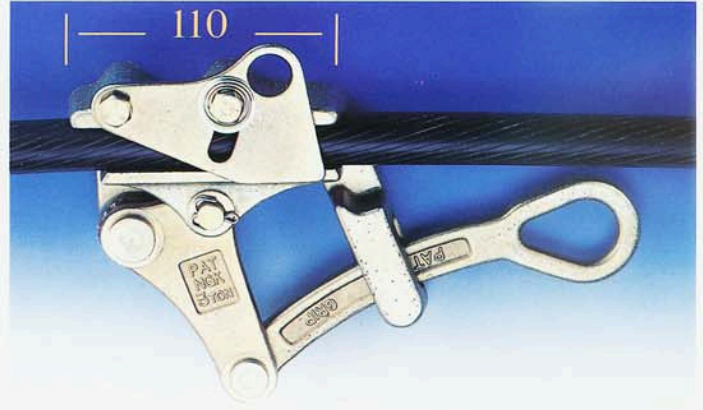
also for Copper
Messenger Wire



Model	Conductor Dia. (mm)	Safe Load	Weight
SD-1000C	2.6~15	1Ton	0.6kg

3 Ton Grip

use for Bare Copper Covered
Copper Aluminum Covered



Model	Conductor Dia. (mm)	Safe Load	Weight
S-3000CL	16~32	3Ton	2.5kg

2 Ton Mighty Grip



Model	Conductor Dia. (mm)	Safe Load	Weight
S-2000C	4~22	2Ton	1.3kg

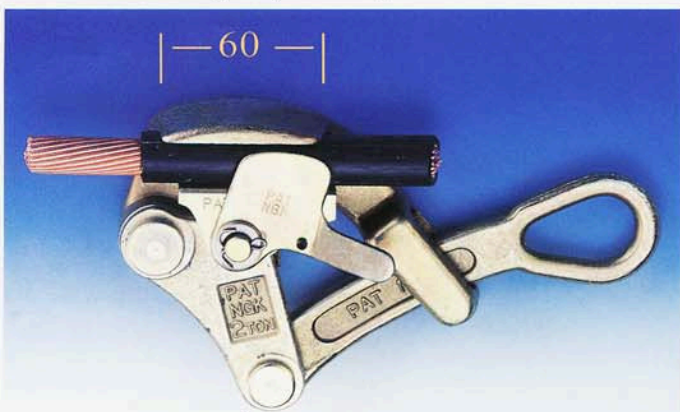
Messenger Wire Grip



*Without cap & Black color

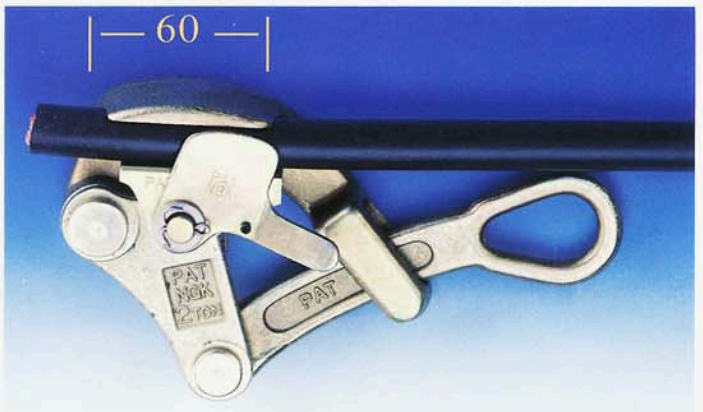
Model	Conductor Dia. (mm)	Safe Load	Weight
1604-20L	3~13	2.5Ton	1.2kg
*1604-20	3~13	2.5Ton	1.1kg

2 Ton Mighty Grip



Model	Conductor Dia. (mm)	Safe Load	Weight
S-2000CL	4~22	2Ton	1.3kg
S-2000G	4~22	2Ton	1.3kg

2 Ton Mighty Grip For Bare AL & A.C.S.R



Model	Conductor Dia. (mm)	Safe Load	Weight
S-2000AL	4~22	2Ton	1.3kg

● S-2000AL: No Teeth.

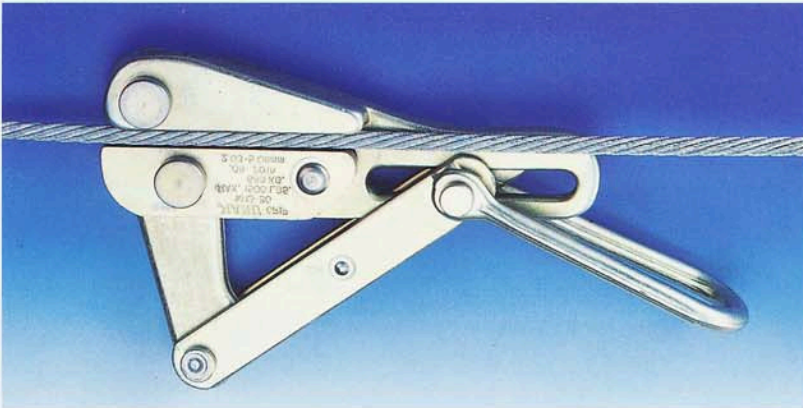
● S-2000CL: Up-side has Teeth, S-2000G: Both Up & Down-side has Teeth.

HARU GRIPS

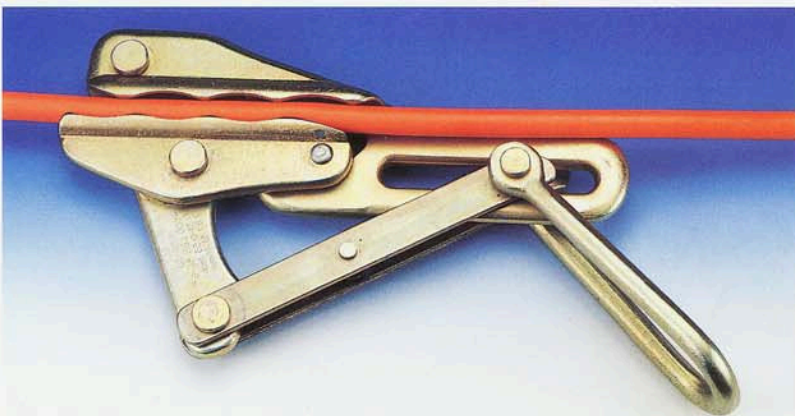
Inside
Jaw
Contour



Inside
Jaw
Contour



Inside
Jaw
Contour



Grips for Bare A.C.S.R.,

Aluminum and Stranded Copper Cables

MODEL	Min.-Max. (mm)	Max. Safe Load lbs	Weight kg
1656-20	5.08~10.16	4500	1.36
1656-30	7.87~13.46	4500	1.7
1656-40	13.46~18.8	8000	3.4
1656-50	18.04~21.83	8000	3.4
1656-60	21.83~24.6	8000	3.4
1658-70	24.38~25.91	8000	3.4

Grips for Bare Wire

MODEL	Min.-Max. (mm)	Max. Safe Load lbs	Weight kg
1613-30	2.03~5.08	1500	0.68

Grips for PVC Covered Conductors

MODEL	Min.-Max. (mm)	Max. Safe Load lbs	Weight kg
1659-30	7.87~12.7	4500	1.7