



### ICC & Çelik Halat A Winning Combination

Çelik Halat was established forty years ago to provide high carbon steel wire and rope needs in Turkey. Since then Çelik Halat has always continued to develop quality wire rope products. Their history has allowed them to accumulate considerable skill in manufacturing and development. This new and exciting partnership with ICC will provide Wallingford's Inc.® customers with exclusive, high quality wire rope products.

Recently, Wallingford's Inc., on behalf of ICC, negotiated an agreement with Çelik-Halat allowing for distribution of their swaged wire rope throughout the U.S. logging marketplace. This agreement allows the Wallingford's Inc. team full cooperation with their engineers, resulting in our Premium Swage Wire Rope product line.

### Premium Swage Wire Rope®

Swaged ropes are produced by reducing the diameter of a regular round rope by compacting it. Swaging provides additional stability to rope shape and creates surface-to-surface contact between element wires. By packing more steel into a smaller diameter, the swaging process produces a superior strength to diameter ratio and a breaking strength that is up to 23% higher than traditional rope.

ICC Premium Swage Wire Rope steel cables also feature less porcupining and greater resistance to abrasive wear. Other attributes include easier mainline ring movement, increased safety, greater drum capacity and longer rope life, making it the best long term value for your money.



ICC Premium Swage Wire Rope products are longer lasting than traditional wire ropes due to a higher breaking strength attained from compaction.



### WIRE ROPE

#### Premium Swage

Part #	Description	Breaking Strength	Wt
38PST	3/8" Premium Swage	9.70 Tons	.34
716PST	7/16" Premium Swage	13.50 Tons	.46
12PST	1/2" Premium Swage	17.35 Tons	.61
916PST	9/16" Premium Swage	21.75 Tons	.78
58PST	5/8" Premium Swage	26.95 Tons	.96
34PST	3/4" Premium Swage	38.40 Tons	1.37
78PST	7/8" Premium Swage	52.00 Tons	1.87

Compacted to a 1/8" reduction from original diameter

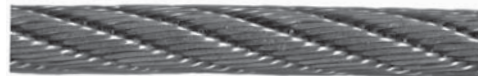
Actual operating loads may vary - never exceed the recommended design factor or 20% of catalog strength. Weights are per foot.

**WIRE ROPE**

*Regular Swage*

Part #	Description	Breaking Strength	Wt
12S	1/2" Regular Swage	15.80 Tons	.56
916S	9/16" Regular Swage	19.80 Tons	.71
58S	5/8" Regular Swage	24.50 Tons	.87
34S	3/4" Regular Swage	34.90 Tons	1.25

Compacted to a 1/16" reduction from original diameter



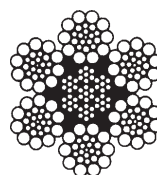
**Regular Swage Wire Rope**

Offering the same great benefits of **Premium Swage Wire Rope®** products, but with slightly less compaction and strength.

*General Purpose*

Part #	Description	Breaking Strength	Wt
14I	1/4" General Purpose	3.40 Tons	.12
516I	5/16" General Purpose	5.27 Tons	.18
38I	3/8" General Purpose	7.55 Tons	.26
716I	7/16" General Purpose	10.22 Tons	.35
12I	1/2" General Purpose	13.30 Tons	.46
916I	9/16" General Purpose	16.80 Tons	.59
58I	5/8" General Purpose	20.60 Tons	.72
34I	3/4" General Purpose	29.40 Tons	1.04
78I	7/8" General Purpose	39.80 Tons	1.42
1I	1" General Purpose	51.70 Tons	1.85

Actual operating loads may vary - never exceed the recommended design factor or 20% of catalog strength. Weights are per foot.



6x26 construction IWRC-EIPS



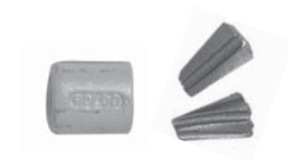
**General Purpose Wire Rope**

Commonly used for skidding winchlines, General Purpose wire rope is also used in industrial, agricultural, marine and consumer applications. General Purpose ropes are excellent for a wide range of applications.

**Wallingford's Inc.®** offers a complete line of wire ropes and wire rope assemblies. Various constructions and coatings such as galvanized aircraft, fiber core, stainless steel & PVC coated cables not listed are available. Call with your requests.

**FERRULE ASSEMBLY**

Part #	Description	Wt
448940A	1/2" Wedge/Ferrule Assembly	.30
448944A	9/16" Wedge/Ferrule Assembly	.61
448951A	5/8" Wedge Ferrule Assembly	.65
448977A	3/4" Wedge/Ferrule Assembly	.97



**Wedge Type Ferrule Assembly**

Wedge-type ferrules let you make up or repair chokers and winchlines in minutes - no socket metal or swaging is required. Ferrules are made of high strength alloy steel which resists splitting or cracking under severe loads. Rifled wedges provide more gripping surface for greater holding power.



**Wallingford's Inc.™ & ICC  
Golden Bell™ Cable Chokers**

Undoubtedly the best cable chokers found anywhere, Wallingford's Inc. Golden Bell chokers are crafted in our New Hampton, NH facility. Each choker is hand assembled and random pull testing is done for added assurance against button pull-offs. Both our micro midget and midget hooks used on our chokers are manufactured from alloy steel poured in British Columbia.

Our ICC Golden Bell 'E-class' chokers are also crafted by the same staff and equipment as our Wallingford's Inc. chokers. The difference with ICC chokers is that they feature ICC hooks, poured for and to ICC specifications in Asia. They also use ESCO® ferrules and come with the same warranty as our standard choker.



**J-1 New England Style**

These chokers are made with a ferrule on one end and a turnback eye with 3 links of 3/8" Grade 70 chain on other. A micro hook slides on general purpose wire rope.



**J-2 Two Button**

A ferrule on each end of general purpose wire rope with a sliding midget or micro midget hook.

**CABLE CHOKERS**

*J-1 New England Style*

Part #	ICC Part #	Description	Wt
7166J1	7166J1E	7/16" x 6' J-1 New England Style	4.03
7167J1	7167J1E	7/16" x 7' J-1 New England Style	4.38
7168J1	7168J1E	7/16" x 8' J-1 New England Style	4.73
126J1	126J1E	1/2" x 6' J-1 New England Style	4.75
127J1	127J1E	1/2" x 7' J-1 New England Style	5.21
128J1	128J1E	1/2" x 8' J-1 New England Style	5.67
9166J1	9166J1E	9/16" x 6' J-1 New England Style	5.64
9167J1	9167J1E	9/16" x 7' J-1 New England Style	6.23
9168J1	9168J1E	9/16" x 8' J-1 New England Style	6.82

*J-2 Two Button*

Part #	ICC Part #	Description	Wt
122J2	122J2E	1/2" x 2' J-2 Two Button ext.	2.31
126J2	126J2E	1/2" x 6' J-2 Two Button	4.15
127J2	127J2E	1/2" x 7' J-2 Two Button	4.61
128J2	128J2E	1/2" x 8' J-2 Two Button	5.07
9166J2	9166J2E	9/16" x 6' J-2 Two Button	4.93
9167J2	9167J2E	9/16" x 7' J-2 Two Button	5.52
9168J2	9168J2E	9/16" x 8' J-2 Two Button	6.11
9166J2M	9166J2ME	9/16" x 6' J-2 Two Button w/midget	5.84
9167J2M	9167J2ME	9/16" x 7' J-2 Two Button w/midget	6.43
9168J2M	9168J2ME	9/16" x 8' J-2 Two Button w/midget	7.02

**CABLE CHOKERS**

*J-3 Three Button*

Part #	ICC Part #	Description	Wt
126J3	126J3E	1/2" x 6' J-3 Three Button	4.70
127J3	127J3E	1/2" x 7' J-3 Three Button	4.80
128J3	128J3E	1/2" x 8' J-3 Three Button	5.60
9166J3	9166J3E	9/16" x 6' J-3 Three Button	6.10
9167J3	9167J3E	9/16" x 7' J-3 Three Button	5.87
9167J3M	9166J3ME	9/16" x 6' J-3 Three Button w/midget hook	6.78
9168J3	9168J3E	9/16" x 8' J-3 Three Button	6.46
9168J3SM	9167J3SME	9/16" x 8' J-3 Three Button Swage w/midget hook	8.25
9168J3M	9168J3ME	9/16" x 8' J-3 Three Button w/midget hook	7.37

*Swaged*

Part #	ICC Part #	Description	Wt
9166J2S	9166J2SE	9/16" x 6' Swaged	6.19
9167J2S	9167J2SE	9/16" x 7' Swaged	6.99
9168J2S	9168J2SE	9/16" x 8' Swaged	7.79
9166J2SM	9166J2SME	9/16" x 6' Swaged w/midget	7.10
9167J2SM	9167J2SME	9/16" x 7' Swaged w/midget	7.90
9168J2SM	9168J2SME	9/16" x 8' Swaged w/midget	8.70

**CABLE CUTTERS**

Part #	Description	Wt
301	Cable Cutter #1 [up to 3/4"]	8.0
302	Cable Cutter #1A [up to 1 1/16"]	17.0
311	Replacement Upper Blade w/pin	.13
321	Replacement Lower Die Set #1	.25
322	Replacement Lower Die Set #1A	.44

**TAIL CHAINS**

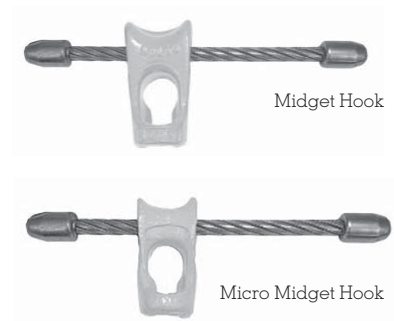
Part #	Description	Wt
24041	5/8" x 18" Tail Chain	10
98495	5/8" x 18" Tail Chain w/#200 Hook	7
24042	3/4" x 18" Tail Chain	12
24044	7/8" x 24" Tail Chain	19

Length specified does not include hook. Use same size chain as wire rope size.



**J-3 Three Button**

Two ferrules on one end and one on the other of general purpose or swaged wire rope with a sliding midget or micro midget hook.



**Swaged**

A ferrule on each end of swaged wire rope with a sliding micro hook or midget hook.



**MORSE STARRETT Impact Type Cable Cutters**



These cutters are precision engineered to deliver a cut without affecting the original roundness of the wire rope. The blades and dies are made of the best tool steel available, heat treated and ground to close tolerances.



**Winch Line Tail Chains**



Tail chains are a flexible attachment for use on the end of wire rope, primarily intended for use on truck, skidder and tractor winch lines when wrapping is required to lift, pull or skid. The hook is drop forged alloy steel and heat treated for extra durability.

## WA1® & WA2® Chain



Every sixth link of Wallingford's Inc.® choking and skidding chain is embossed for easy identification. **WA1** chain, a grade 80 equivalent in strength, is warranted for 26,000 lbs. **WA2** chain, *now a grade 110 equivalent in strength*, is warranted for 36,000 lbs. Packed in reusable fiber drums. 250 feet continuous or 30 eight foot pieces.



WA1 Choker Chain



WA2 Choker Chain



Loggerhook



Bolt Hook

## WA1 & WA2 Assemblies



Pre-assembled 8 foot chain chokers with **WA1** or **WA2** chain with **Loggerhook** type choker hook or Bolt Hook.

## Loggerhook™



The **Loggerhook** chain hook is lighter than most conventional hooks but carries the same working load limit as its larger counterparts. Features include a locking pin rather than a bolt for uniform wear. This hook will accept 3/8" and 5/16" chains. Large inside width allows easy chain movement. Narrow slotted tip helps to prevent unhooking.

## Bolt Hook



Conventional style choker hook utilizing a hex-head bolt for easy connection to chain. No special tools required. Large inside width allows for easy chain movement. Slotted tip helps prevent unhooking. This hook accepts 3/8" chain.

## Grab Rod



Made from hardened steel to hold its curved form. Wooden handle reduces finger pinching. Used to facilitate pulling chain chokers under logs. Made in Canada.

### CHOKER CHAIN\*

Part #	Description	Wt
WA1	G80 Chain	1.50
WA2	G110 Chain	1.38
WA18	3/8" x 8' WA1	12.0
WA28	3/8" x 8' WA2	12.0

### CHAIN CHOKER ASSEMBLIES

Part #	Description	Wt
607072	3/8" x 8' WA1 with Loggerhook	13.40
607072B	3/8" x 8' WA1 with Bolt Hook	14.20
WA28A	3/8" x 8' WA2 with Loggerhook	13.40
WA28AB	3/8" x 8' WA2 with Bolt Hook	14.20

### CHAIN CHOKER HOOKS

Part #	Description	WLL	Wt
336940	Loggerhook	7,300	1.4
F373	Bolt Hook	7,300	2.2

### CHAIN CHOKER ACCESSORIES

Part #	Description	Wt
198400	3/8" x 38" Grab Rod	1.50



Cable Slide Assembly



Log Slide & Log Slide II



Loggergrab



Hammerlok

**WINCHLINE COMPONENTS**

Part #	Description	WLL	Wt
402194	Cable Slide Assembly		4.90
441031	Log Slide		2.50
LS1	ICC Log Slide		2.15
LS2	ICC Log Slide II		1.70
402197	Loggergrab	7,300	1.90
WA60	9/32" Hammerlok	3,500	.23
WA61	3/8" Hammerlok	7,100	.65
WA62	1/2" Hammerlok	12,000	1.50



**Cable Slide Assembly**

Our pre-assembled Log Slide cable slide, Loggergrab keyhole link and hammerlok. Assembles and disassembles easily. Components may be purchased separately.

**Log Slide™ & Log Slide™ II**

The Log Slide is our original winch line cable slide available in imported or domestic models. Large opening allows for easy movement over the main-line. Saddle step design reduces winchline kinking. Recommended for 1/2", 9/16", 5/8", 3/4" winchlines. The Log Slide II mainline slide features a 1/2" connecting bolt for attaching J1 chokers. Made to ICC specifications in Asia.

**Loggergrab™**



Heat treated drop forged alloy keyhole type grab link. Elongated saddle on bottom doesn't cut or gouge chain. Long shaft accepts two chains. Used to secure and shorten chain chokers. Accepts 3/8" chain.

**CM Hammerlok®**



Dependable and easy to use for fast assembly on the job, for attaching chain to master links and eye type hooks. Used to connect New England style cable chokers and keyhole type grab links to log slide and cable slide. Approved for overhead lifting.

**CHAIN REPAIR PARTS**

Part #	Description	WLL	Wt
M605	1/4" or 5/16" Midlink	4,700	.35
M606	3/8" Midlink	6,600	.45
M608	7/16" or 1/2" Midlink	11,300	1.00
M610	5/8" Midlink	18,000	1.70

**CM Midlinks**



Used for quick, temporary or permanent repair of chain for attaching chain hooks, rings, swivels, etc. Forged & heat treated and bright zinc plated to resist rust and corrosion. Design ultimate strength equals 3 times the WLL.

Not to be used for overhead lifting or hoisting applications. Do not exceed Working Load Limits.



**Wallingford's Inc.® Winchline Hooks**

Wallingford's Inc. sells genuine ESCO hooks in three styles. These products are Made in USA and feature ESCO markings for easy identification.



Midget Sleeve-Type Hook



Midget Ring-Type Hook



Light Wt. Midget Ring-Type Hook



Light Wt. Midget Switch Hook

**ESCO® Sleeve-Type Hook** MADE IN U.S.A.

The original ESCO hook for faster choker setting and skidding. Chokers are positively locked with an exclusive "screwy" rope slot, yet can be easily removed with a simple twist action. Features a smaller sliding slot to hold against the end ferrule or thrust on the winchline and gather ring type hooks. Full radius of sleeve portion provides greater rope bearing to reduce winchline kinks.

**ESCO® Ring-Type Hook** MADE IN U.S.A.

The most popular sliding winchline hook on today's market. The ring-type hook offers the same design as our sleeve-type except it has a larger winchline slot to slide easily over large kinks in the winchline. The popular midget hook is also available in a lightweight size but this option is no lightweight in performance. It will handle all but the most heavy duty applications. It costs less and saves a few pounds when pulling multiple chokers.

**ESCO® Switch Hook** MADE IN U.S.A.

Similar to the ring-type hooks with an extra large opening to slide easily along the winchline. The switch hook features a different locking concept to add or remove chokers. Simply insert the rope through the keyslot and pull the ferrule downward into the pocket. A roll pin prevents loss of chokers. Accepts both long and short ferrules.

**WALLINGFORD'S ESCO WINCHLINE HOOKS**

*Sleeve-Type*

Part #	Description	Winchline Slot	Wt
403220	9/16" Midget	9/16", 5/8", 3/4"	2.25

Recommended for 1/2" & 9/16" chokers

*Ring-Type*

Part #	Description	Winchline Slot	Wt
441337	Light Wt. Midget	2" opening	1.75
400606	Midget	2" opening	3.00

Recommended for 1/2" & 9/16" chokers

*Switch Hook*

Part #	Description	Winchline Slot	Wt
441667	Light Wt. Midget	2" opening	2.00

Recommended for 1/2" & 9/16" chokers



Sleeve-Type Hook



Ring-Type Hook



Switch Hook

**ICC WINCHLINE HOOKS**

*Sleeve-Type*

Part #	Description	Winchline Slot	Wt
LS7	9/16" Midget	9/16", 5/8", 3/4"	2.25

Recommended for 1/2" & 9/16" chokers

*Ring-Type*

Part #	Description	Winchline Slot	Wt
LS6	Light Wt. Midget	2" opening	1.75

Recommended for 1/2" & 9/16" chokers

*Switch Hook*

Part #	Description	Winchline Slot	Wt
LS8	Light Wt. Midget	2" opening	2.30

Recommended for 1/2" & 9/16" chokers

**ICC CHOKER HOOKS**

Part #	Description	Wt
626R	Micro Midget	.08
1252R	Midget	1.50



WALLINGFORD'S INC.



**Winchline Hooks**

Wallingford's Inc.<sup>®</sup> now offers ICC alloy castings for forestry applications. They are manufactured to meet or exceed industry standard specifications in the ISO 9000 certified facility of our marketing partner. These hooks feature the ICC logo and part numbers for easy identification.



**Sleeve-Type Hook**

Chokers are positively locked with an exclusive "screwy" rope slot. Features a smaller sliding slot to hold against the end ferrule or thrust on the winchline and gather ring type hooks. Full radius of sleeve portion provides greater rope bearing to reduce winchline kinks.



**Ring-Type Hook**

The most popular sliding winchline hook on today's market. The ring-type hook offers the same design as our sleeve-type except it has a larger winchline slot to slide easily over large kinks in the winchline.



**Switch Hook**

Similar to the ring-type hooks with an extra large opening to slide easily along the winchline. The ICC switch hook features a keyslot lock. A roll pin prevents loss of chokers. Accepts both long and short ferrules.



**Choker Hooks**

ICC Midget and Micro Midget choker hooks are manufactured to ICC specifications in Asia. Both our micro midget and midget hooks are manufactured from alloy steel.

**Wallingford's Inc.<sup>®</sup>  
Flail/Debarking Chain**

Wallingford's Inc. has been in the flail chain business since its inception. Through extensive research and development, we have come to provide the industry with consistent, top quality chain.

Now offering two product lines with three styles of chain, we are sure to meet your needs. Our North American flail chain is manufactured in Kentucky, while Wallingford's Inc. European flail chain comes from the Czech Republic.

Whether you choose our short pitch, standard or heavy .656 chain, this Wallingford's Inc. flail chain will get the job done.

All of our flail chain is through hardened for uniform wear and strength. We test every coil of wire before sending it to chain production, and every run of chain is tested for hardness. After proof testing to verify weld integrity, all of Wallingford's Inc. flail chain is heat treated to Rockwell C scale 45 +/-2. If the chain fails any of our rigorous tests, it is rejected and scrapped.

**FLAIL CHAIN**

*North American*



Part Number	Description	Diameter	Weight	Pcs/Drum
697307	7 Link Short Pitch	.630	4.0	125
697308	8 Link Short Pitch	.630	4.5	125
697309	9 Link Short Pitch	.630	5.0	125
697310	10 Link Short Pitch	.630	5.6	110
697312	12 Link Short Pitch	.630	6.8	100
6990050D	7 Link Standard	.630	4.1	200
6990040D	8 Link Standard	.630	4.7	100
6990041E	9 Link Standard	.630	5.2	200
6990052D	12 Link Standard	.630	7.0	80
6990040HE	8 Link Heavy	.656	5.0	200
6990041HE	9 Link Heavy	.656	5.7	200

*European*

Part Number	Description	Diameter	Weight	Pcs/Drum
6990040R	8 Link Standard	.630	4.0	250
6990041R	9 Link Standard	.630	5.2	220
6990040RH	8 Link Heavy	.656	5.0	250
6990041RH	9 Link Heavy	.656	5.7	220

