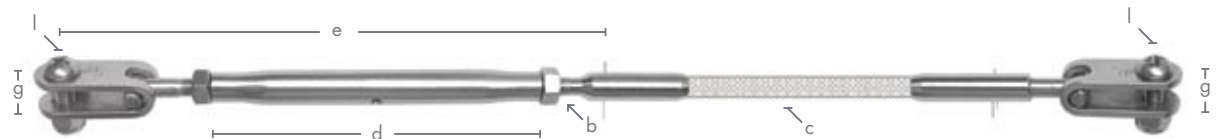


Attachment: Features fork style ends for attachment with screws and lock nuts (supplied) for a variety of post styles including: tee-stock, angle iron, flat bar welded to post, loops attached to post, eyebolts (shown below), etc. The toggling feature allows for angled takeoff.

Examples of applications: cable rails, hanging signs or shelving, even structural applications such as canopy supports, collar tie cables, or fabric structures.

Other Information: Attachment size corresponds to width of clevis, ex. 1/4" pin=1/4" opening. Toggles come supplied with clevis pin and ring pins, or screws and lock nuts. Toggle jaws may also be combined with any other system. Fixed fork hardware is used for cable sizes 1/2" through 1". Fixed fork clevis hardware is also available for smaller sizes as a special order (316 grade stainless steel).

TOGGLE JAW HARDWARE



Toggle Jaw Turnbuckle					common specs			Toggle Jaw	
	Thread (b)	Body L (d)	Open L (e)	Closed L (e)	Thread	Jaw Width (g)	Wire Size (c)	Catalog #	
swage	10-32	3-1/2"	7-5/8"	5-1/4"	5TT3JS	3/16"	1/4"	1/8"	5TJ3
	1/4-28	4-1/4"	9"	6-5/8"	6TT3JS	1/4"	1/4"	1/8"	6TJ3
	1/4-28	4-1/4"	9-1/8"	6-5/8"	6TT4JS	1/4"	1/4"	5/32"	6TJ4
	1/4-28	4-1/4"	9-3/8"	6-5/8"	6TT5JS	1/4"	1/4"	3/16"	6TJ5
	5/16-24	4-3/4"	10-1/4"	7-1/2"	8TT5JS	5/16"	5/16"	3/16"	8TJ5
	5/16-24	4-3/4"	10-1/2"	7-5/8"	8TT6JS	5/16"	5/16"	1/4"	8TJ6
crimp	3/8-24	5-1/4"	11-3/8"	8-1/4"	10TT6JS	3/8"	3/8"	1/4"	10TJ6
	1/4-28	4-1/4"	9"	6-5/8"	6TT3JSC	1/4"	1/4"	1/8"	6TJ3C
	1/4-28	4-1/4"	9-3/8"	6-5/8"	6TT5JSC	1/4"	1/4"	3/16"	6TJ5C

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HAYN LINES STAINLESS STEEL CABLE SYSTEMS

Hayn Enterprises, LLC

51 Inwood Road

Rocky Hill, CT USA

SHEET: TJ05FA



ATTACHMENT HARDWARE



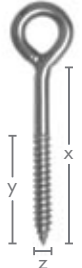
Eye Bolts (with nuts)

Shank L (v)	Thread L (w)	Thread Size (u)	Catalog #
1"	7/8"	1/4-20	EB6S
1-7/8"	1-3/4"	1/4-20	EB6M
3"	2-3/4"	1/4-20	EB6L
1-7/8"	1-3/4"	5/16-18	EB8S
4-1/2"	3"	5/16-18	EB8M
2-1/2"	2-3/8"	3/8-16	EB10S
4-1/4"	3"	3/8-16	EB10M



Eye Lags

Shank L (x)	Thread L (y)	Thread Size (z)	Catalog #
2-3/4"	1-3/4"	1/4"	LEB6
2-3/4"	1-3/4"	5/16"	LEB8
2-3/4"	1-3/4"	3/8"	LEB10



Additional sizes available

DECK TOGGLE SYSTEM

TEL. 800.346.4296 FAX. 800.441.4296

Attachment: is by two screw holes in the deck toggle base. Deck toggles are excellent for attaching to wood posts or blocking (requires minimum 3" wood blocking). Please note that the cable strength is based on the attachment screws and the attachment material.

Examples of Applications: Our Deck Toggle System is used for cables that need to be face mounted or where an angled takeoff is required. These toggles can be used with any post configuration and are excellent for angled cable runs as our deck toggle fittings articulate more than 90 degrees.

Other Information: Deck toggles can be attached to either side of a common post by through bolting or if wall thickness of post is thick enough you can drill and tap posts to accept machine screws. Components can be mixed and matched with other systems for versatility. 316 grade stainless steel for superior corrosion resistance.

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HAYN LINES STAINLESS STEEL CABLE SYSTEMS

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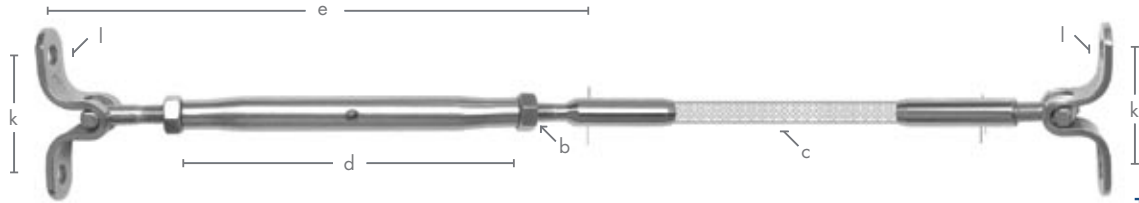
51 Inwood Road

Rocky Hill, CT USA

SHEET:DT05FA



DECK TOGGLE HARDWARE



Deck Toggle Turnbuckle					common specs			Deck Toggle Jaw	
	Thread (b)	Body L (d)	Open L (e)	Closed L (e)	Catalog #	Screw Size (l)	Hole Spacing (k)	Wire Size (c)	Catalog #
swage	1/4-28	4-1/4"	9"	6"	6TT3DT	1/4"	1-1/2"	1/8"	6TJ3DT
	1/4-28	4-1/4"	9-1/4"	6-1/4"	6TT4DT	1/4"	1-1/2"	5/32"	6TJ4DT
	1/4-28	4-1/4"	9-1/4"	6-1/4"	6TT5DT	1/4"	1-1/2"	3/16"	6TJ5DT
	5/16-24	4-3/4"	9-3/4"	6-3/4"	8TT5DT	5/16"	1-3/4"	3/16"	8TJ5DT
	5/16-24	4-3/4"	9-3/4"	6-3/4"	8TT6DT	5/16"	1-3/4"	1/4"	8TJ6DT
	3/8-24	5-1/4"	10-3/4"	7-3/4"	10TT6DT	3/8"	2"	1/4"	10TJ6DT
crimp	1/4-28	4-1/4"	9"	6"	6TT3DTC	1/4"	1-1/2"	1/8"	6TJ3DTC
	1/4-28	4-1/4"	9-1/8"	6-1/4"	6TT5DTC	1/4"	1-1/2"	3/16"	6TJ5DTC

ATTACHMENT HARDWARE

lag screws are available for attaching to wooden posts.

Lag Screws

Screw Size	Catalog #
1/4" x 1-1/2"	SL6S
1/4" x 2-1/2"	SL6L
5/16" x 1-1/2"	SL8S
5/16" x 2-1/2"	SL8L
3/8" x 1-1/2"	SL10S
3/8" x 2-1/2"	SL10L



TERMINATION STUD SYSTEM

TEL. 800.346.4296 FAX. 800.441.4296

Attachment: Our Termination Stud System is very simple to setup and install. Simply drill holes in your verticals for the cable to pass through. The termination cap pulls against the last vertical to tension. Countersunk type termination studs use standard 82 degree countersink for a flush fit.

Examples of Applications: This system is very good for retrofitting existing rails to meet current codes. Termination Studs are a very cost effective and clean method of installing and tensioning cable assemblies because they can be used with any type or style of post. The termination shaft on the turnbuckle is available in different lengths to pass through various post sizes.

Other Information: Our standard termination stud turnbuckle can be used for up to a 2" OD post on a level or angle run. Rods are also available for 6" and 12" posts.

Get more information now at www.haynlines.com

HAYN LINES STAINLESS STEEL CABLE SYSTEMS

Hayn Enterprises, LLC

51 Inwood Road

Rocky Hill, CT USA

SHEET:TS05FA



TERMINATION STUD HARDWARE



Termination Stud Turnbuckle

	Thread (b)	Body L (d)	Open L (e)	Closed L (e)	Catalog #
swage	1/4-28	4-1/4"	10-1/4"	7-1/8"	6TT3TS
	1/4-28	4-1/4"	10-1/2"	7-1/2"	6TT4TS
	1/4-28	4-1/4"	10-1/2"	7-1/2"	6TT5TS
	5/16-24	4-3/4"	10-3/4"	8"	8TT5TS
	5/16-24	4-3/4"	10-3/4"	8-1/8"	8TT6TS
crimp	1/4-28	4-1/4"	10-1/4"	7-1/8"	6TT3TSC
	1/4-28	4-1/4"	10-1/2"	7-1/2"	6TT5TSC

common specs

Cap Size (a)	Wire Size (c)
9/16"	1/8"
9/16"	5/32"
9/16"	3/16"
9/16"	3/16"
9/16"	1/4"
3/4"	1/4"
9/16"	1/8"
9/16"	3/16"

Termination Stud

Catalog #
TS3
TS4
TS5
TS5
TS6
TS61
TS3C
TS5C



COUNTERSUNK TERMINATION STUD HARDWARE



Countersunk Termination Stud Turnbuckle

	Thread (b)	Body L (d)	Open L (e)	Closed L (e)	Catalog #
swage	1/4-28	4-1/4"	11"	8"	6TT3CTS
	1/4-28	4-1/4"	11-1/8"	8-1/8"	6TT4CTS
	1/4-28	4-1/4"	11-1/4"	8-1/4"	6TT5CTS
crimp	1/4-28	4-1/4"	11-1/4"	8-1/4"	6TT3CTSC
	1/4-28	4-1/4"	11-1/4"	8-1/4"	6TT5CTSC

common specs

Cap Size (a)	Wire Size (c)
9/16"	1/8"
9/16"	5/32"
9/16"	3/16"
9/16"	1/8"
9/16"	3/16"

Countersunk Termination Stud

Catalog #
CTS3
CTS4
CTS5
CTS3C
CTS5C

THREADED STUD SYSTEM

TEL. 800.346.4296 FAX. 800.441.4296

Attachment: Our Threaded Stud System is very easy to setup and install. Simply drill holes in your verticals for the cable to pass through. Cables in this system are fabricated to allow the threaded studs to pass through to the outside of the end posts.

Examples of Applications: Threaded studs can be a very clean and cost effective method of installing and tensioning cable assemblies. This system is very good for retrofitting existing rails to meet current codes. These can be used in conjunction with our termination stud system, using a termination stud on one end and a threaded stud on the other can support a run of up to 20 feet. Using a threaded stud on both ends will support a run of 30-40 feet.

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HAYN LINES STAINLESS STEEL CABLE SYSTEMS

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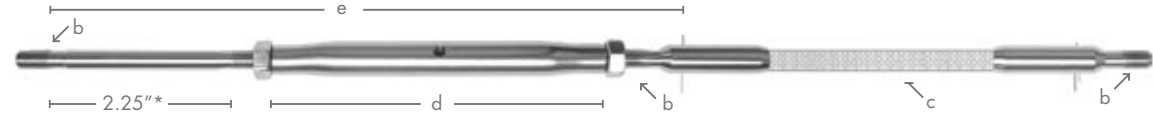
51 Inwood Road

Rocky Hill, CT USA

SHEET: TH05FA



THREADED TERMINATION STUD HARDWARE



Threaded Termination Stud Turnbuckle

	Body L (d)	Open L (e)	Closed L (e)	Catalog #
swage	4-1/4"	10-1/4"	7-1/8"	6TT3S
	4-1/4"	10-1/2"	7-1/2"	6TT4S
	4-1/4"	10-1/2"	7-1/2"	6TT5S
	4-3/4"	10-3/4"	8"	8TT5S
crimp	4-1/4"	10-1/4"	7-1/8"	6TT3SC
	4-1/4"	10-1/2"	7-1/2"	6TT5SC

common specs

Thread (b)	Wire Size (c)
1/4-28	1/8"
1/4-28	5/32"
1/4-28	3/16"
5/16-24	3/16"
5/16-24	1/4"
1/4-28	1/8"
1/4-28	3/16"

Threaded Termination Stud

Catalog #
6S3
6S4
6S5
8S5
8S6
6S3C
6S5C

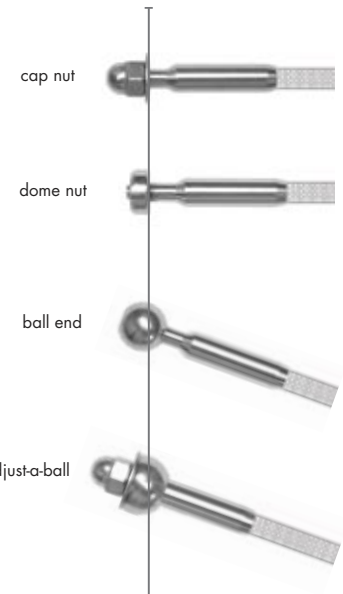
ATTACHMENT HARDWARE

Thread	Hex Nuts	Lock Nuts	Cap Nuts	Ball Ends	Dome Nuts
1/4-28	RH 14LNR	14LNF	14CAP	BALL6	DN6
	LH 14LNL	-	-	-	-
5/16-24	RH 516LNR	516LNF	516CAP	BALL8	-
	LH 516LNL	-	-	-	-
3/8-24	RH 38LNR	38LNF	38CAP	-	-
	LH 38LNL	-	-	-	-
1/2-20	RH 12LNR	-	-	-	-
	LH 12LNL	-	-	-	-
5/8-18	RH 58LNR	-	-	-	-
	LH 58LNL	-	-	-	-
3/4-16	RH 34LNR	-	-	-	-
	LH 34LNL	-	-	-	-

Beveled Washers 30° angle

use with
Thread

1/4	BW5
5/16	BW6



LAG TURNBUCKLE SYSTEM

TEL. 800.346.4296 FAX. 800.441.4296

Attachment: Pre-drill your holes to minimum size necessary. Different woods require different hole sizes. Use of a lubricant such as soap or wax will allow easier installation of lag into the post. Use caution not to use a material that will stain your posts. Our lag studs require a minimum of 3 inches of wood blocking

Examples of Applications: Our lag system is designed for direct attachment into wooden surfaces.

Other Information: Lag hardware should be fully engaged before tension is applied to cables. Since these cables are only as strong as the lag holding power and mounting material (solid wood blocking is required), they are only recommended for light duty use and not for commercial use. (316 grade stainless steel)

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HAYN LINES STAINLESS STEEL CABLE SYSTEMS

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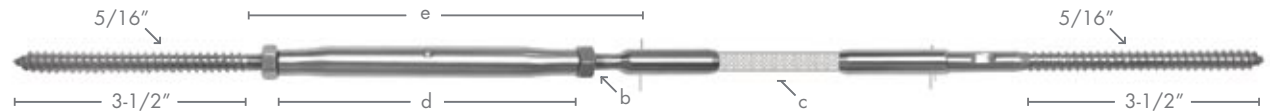
51 Inwood Road

Rocky Hill, CT USA

SHEET:LG05FA



LAG SYSTEM HARDWARE



	Lag Turnbuckle					common	Lag Stud
	Thread (b)	Body L (d)	Open L (e)	Closed L (e)	Catalog #	Wire Size (c)	Catalog #
swage	1/4-28	4-1/4"	8"	5"	6TT3L	1/8"	LS3
	1/4-28	4-1/4"	8-1/4"	5-1/4"	6TT4L	5/32"	LS4
	1/4-28	4-1/4"	8-1/4"	5-1/4"	6TT5L	3/16"	LS5
	5/16-24	4-3/4"	8-3/4"	5-3/4"	8TT5L		
crimp	1/4-28	4-1/4"	8"	5"	6TT3LC	1/8"	LS3C
	1/4-28	4-1/4"	8-1/4"	5-1/4"	6TT5LC	3/16"	LS5C

OTHER LAG HARDWARE

Lag Screws

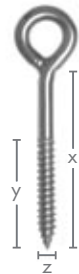
Screw Size	Catalog #
1/4" x 1-1/2"	SL6S
1/4" x 2-1/2"	SL6L
5/16" x 1-1/2"	SL8S
5/16" x 2-1/2"	SL8L
3/8" x 1-1/2"	SL10S
3/8" x 2-1/2"	SL10L



Eye Lags

Shank L (x)	Thread L (y)	Thread Size (z)	Catalog #
2-3/4"	1-3/4"	1/4"	LEB6
2-3/4"	1-3/4"	5/16"	LEB8
2-3/4"	1-3/4"	3/8"	LEB10

Additional sizes available



Lag Screws can be used with our Deck Toggle System and Eye Lags with our Toggle Jaw System