

COMPLETE LIFTING SOLUTIONS

From synthetic slings and rigging hardware to protection, load control, and recovery — your single source for every lift.

WEB SLINGS

[Photo]

Polyester • Nylon • Polyester Defense Edge

- Types 1–9 — TC, TT, EE, EN, RE, WBB, LBB
- 1" to 12" widths, 1 to 4 ply
- Eye treatments: CWE, TLE, LE, FBC, FBCE

ROUND SLINGS

[Photo]

Standard • High Performance • Eye & Eye

- Color coded, 2,600–110,000 lbs vertical
- High Performance UHMPE core, ~1% stretch
- Double wall seamless cover, UV resistant
- Heavy cover & Eye & Eye styles available

BRIDLE SLINGS

[Photo]

- 1 to 4 leg configurations
- Web or round sling legs
- Oblong, hooks, or shackles

SHACKLES & MASTER LINKS

[Photo]

- Screw pin & bolt type
- Oblong & pear shaped master links
- G209, G2130 & alloy series

HOOKS & SLING SAVERS

[Photo]

- Alloy & carbon sling hooks
- Sling saver hooks & shackles
- Sub assembly top hardware

SLING PROTECTION

[Photo]

- Wear & cut protection sleeves
- Hook & loop or sewn styles
- Caiman Guard HMPE cut protection

WEB LOAD HUGGERS

[Photo]

- 1"–4" widths, up to 6,666 lbs
- Wire hooks, flat hooks, chain anchors
- Standard & custom lengths

TIE DOWNS & CARGO CONTROL

[Photo]

- Ratchet & cam buckle styles
- D-rings, E-track, snap hooks
- Cargo nets up to 20×20

RECOVERY STRAPS

[Photo]

- No hooks or metal parts
- 16,000–155,000 lb break strength
- Web & Eye/Eye styles

HIGH PERFORMANCE ROUND SLINGS

[Photo]

- UHMPE core, ~1% stretch
- Up to 200,000 lbs vertical
- Two sliding wear sleeves standard

WIRE ROPE & CHAIN

[Photo]

- Domestic & import available
- Wire rope & chain slings
- Proof load testing to 600K lbs

BUILT ON TRUST. MADE IN AMERICA.

Our Roots

Lecava Lifting was founded on a simple belief that distributors deserve a reliable, responsive partner who makes ordering easy and delivers quality every time. Premium synthetic slings and lifting equipment manufactured in America for over 50 years. Delivering proven quality, fast lead times, and unmatched expertise on every order.

Our Quality

ASME B30.9 Compliance — Lecava Lifting products are manufactured to meet or exceed ASME B30.9, the industry standard governing the safe use, inspection, and maintenance of synthetic slings. Members of our team have served on the governing body responsible for shaping these standards, giving us firsthand insight into what compliance truly means and why it matters on every lift. Every sling we deliver is built to the same specifications our team helped define — so when you order from Lecava, you're not just getting a compliant product, you're getting one backed by the people who know the standard inside and out.

50+

Years of Manufacturing
Experience

DEDICATED
SUPPORT

Built for distributors,
built around you

ASME
B30.9

Certified &
Compliant

Made
In USA

Manufactured in
America

MARKETS SERVED

Construction

Commercial & industrial
builds

Oil & Gas

Upstream, midstream &
refinery

Timber & Logging

Pacific Northwest
operations

Mining

Surface & underground
mining

Wind Energy

Tower & turbine
installation

Ports & Marine

West Coast docks &
shipyards

Industrial MRO

Maintenance & repair
operations

READY TO PLACE AN ORDER?

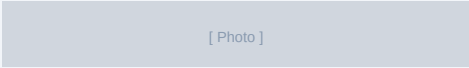
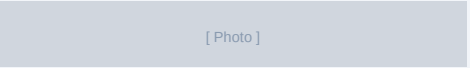
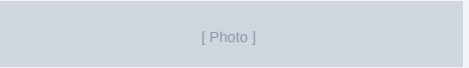
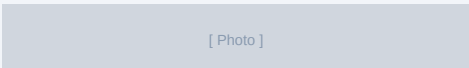
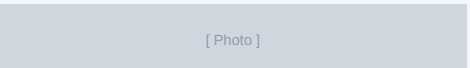
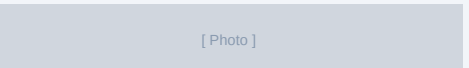
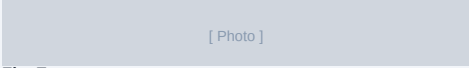
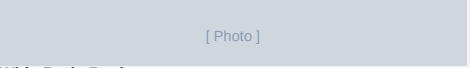
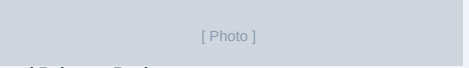
Contact us for pricing, lead times, or custom configurations on any product in this catalog.

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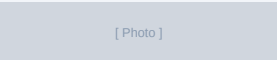
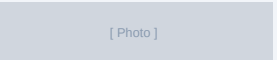
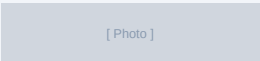
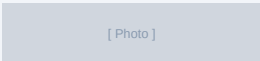
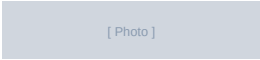
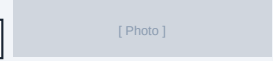
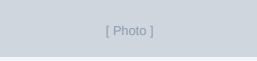
■ [lecava.com](https://www.lecava.com)

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HOW TO READ YOUR PART NUMBER							Example: EE F 1 9 02 X 12 P
EE	F	1	9	02	X	12	P
Sling Type EE = Eye & Eye EN = Endless TC = Triangle/Choker TT = Triangle/Triangle	Eye Treatment F = Flat Eyes T = Twisted Eyes	Number of Plies 1, 2, 3, or 4	Webbing Strength 9 = 9800 lbs/inch	Sling Width 1 - 12 inches	Separator	Sling Length Bearing point to bearing point in feet	Web Material P = Polyester N = Nylon

STANDARD WEB SLING TYPES		
Type 1 TC  Triangle / Choker Triangle on one end, choker on other. Ideal for choker hitches. Also used in vertical and basket hitches.	Type 2 TT  Triangle / Triangle Triangle fitting on each end. Used in basket and vertical hitches. Cannot be used as a choker.	Type 3 EEF  Eye & Eye — Flat Eye Flat eyes in same plane as sling body. Standard EE sling. Used in vertical, choker, or basket hitches.
Type 4 EET  Eye & Eye — Twisted Eye Eyes turned 90° to sling body. Eyes nest easily on crane hooks. Reverse to distribute wear.	Type 5 EN  Endless No fixed ends — rotate to minimize wear, spread legs for load balance. Vertical, Choker, 90° Basket hitches.	Type 6 RE  Reverse Eye Eye bearing points 90° to body. Covered with bulked nylon. Easy use in choker or basket hitches.
Type 7 FE  Flat Eye Eyes lay flat in same plane as body. Covered with bulked nylon. Vertical, choker, or basket hitches.	Type 8 WBB  Wide Body Basket Wide sling for large or fragile loads. Stiffeners at eye base. Basket hitch only.	Type 9 LBB  Load Balancer Basket Lower capacity wide body for lighter fragile loads. Eyes fit smaller hoist hooks. Basket hitch only.

WEB SLING EYE TREATMENTS	Specify at time of order
The eyes of web slings are often subjected to wear on crane hooks. Eye treatments extend sling life by adding abrasion resistance at bearing points. Specify the code below when ordering Eye & Eye (Type 3 or Type 4) slings.	

EYE & EYE SLING TREATMENTS — TYPE 3 & TYPE 4			
TYPE 3 — FLAT EYES		TYPE 4 — TWISTED EYES	
F  Standard Style Flat eye, same plane as sling body. Standard Type 3 treatment.		T  Standard Style Half-twist eye, 90° to sling body. Nests easily on crane hooks.	
AVAILABLE ON BOTH TYPE 3 & TYPE 4			
TE  2" Tapered Eyes Tapered eye on 2" wide slings. Available on request.		CWE  Cordura Wrapped Eyes Cordura wrap at eye bearing point for added abrasion resistance.	
TLE  Tapered Cordura Lined Tapered eye with Cordura lining. Standard on 3" and wider.		LE  Cordura Lined Eyes Cordura lining on inside of eye reduces wear at bearing point.	
FBC  Full Body Cordura Full sling body Cordura wrap for maximum abrasion protection.		FBCE  Full Body Cordura + Eyes Full body and eye Cordura wrap. Maximum all-around protection.	

Eye & Eye Flat Web Sling

Widths: 1–12" | Plies: 1–4 | Lengths: 3ft-20ft

Part No. Key: *EEF [Ply] [Width] X [Length] P/N* e.g. *EEF 2902 X [Length] P* = 2-ply, 2" wide, Polyester

Part No. Base	Ply	Width	Lengths Available	Vertical	Choker	90° Basket
Working Load Limits (lbs.) — Safety Rated						
EEF1901X[Length]P/N	1	1"	3–20'	1,600	1,280	3,200
EEF1902X[Length]P/N	1	2"	3–20'	3,100	2,480	6,200
EEF1903X[Length]P/N	1	3"	3–20'	4,700	3,760	9,400
EEF1904X[Length]P/N	1	4"	3–20'	6,200	4,960	12,400
EEF2901X[Length]P/N	2	1"	3–20'	3,100	2,480	6,200
EEF2902X[Length]P/N	2	2"	3–20'	6,200	4,960	12,400
EEF2903X[Length]P/N	2	3"	3–20'	8,800	7,040	17,600
EEF2904X[Length]P/N	2	4"	3–20'	11,000	8,800	22,000
★ Available in Polyester or Nylon — Working Load Limits are identical for both materials ★						

Manufacturing Tolerance: 1-Ply: ±1.5" + 1.5% of length | 2-Ply: ±2" + 2% of length | 3 & 4-Ply: ±3" + 3% of length | Widths >6": add ½" to values

Nylon Endless Web Sling — Type V

Widths: 1–12" | Plies: 1–4 | Lengths: 3ft-20ft

Part No. Key: *EN [Ply] [Width] X [Length] N* e.g. *EN 2902 X [Length] N* = 2-ply, 2" wide, Nylon

Part No. Base	Ply	Width	Lengths Available	Vertical	Choker	90° Basket
Working Load Limits (lbs.) — Safety Rated						
EN1901X[Length]N	1	1"	3–20'	3,200	2,560	6,400
EN1902X[Length]N	1	2"	3–20'	6,200	4,960	12,400
EN1903X[Length]N	1	3"	3–20'	9,400	7,520	18,800
EN1904X[Length]N	1	4"	3–20'	12,400	9,920	24,800
EN2901X[Length]N	2	1"	3–20'	6,200	4,960	12,400
EN2902X[Length]N	2	2"	3–20'	12,400	9,920	24,800
EN2903X[Length]N	2	3"	3–20'	17,600	14,080	35,200
EN2904X[Length]N	2	4"	3–20'	22,000	17,600	44,000

Manufacturing Tolerance: 1-Ply: ±1.5" + 1.5% of length | 2-Ply: ±2" + 2% of length | 3 & 4-Ply: ±3" + 3% of length | Widths >6": add ½" to values

Polyester Round Slings

LRS30–LRS1200 | Lengths: 3ft-20ft | Color coded by capacity

Part No. Key: LRS [Capacity] X [Length] e.g. LRS300X6 = 300 capacity class, 6ft

Color	Part No. Base	Lengths Available	Vertical	Choker	90° Basket
Working Load Limits (lbs.) — Safety Rated					
Purple	LRS30X[Length]	3–20'	2,600	2,100	5,200
Green	LRS60X[Length]	3–20'	5,300	4,240	10,600
Yellow	LRS90X[Length]	3–20'	8,400	6,700	16,800
Tan	LRS120X[Length]	3–20'	10,600	8,500	21,200
Red	LRS150X[Length]	3–20'	13,200	10,600	26,400
White	LRS180X[Length]	3–20'	16,800	13,400	33,600
Blue	LRS240X[Length]	3–20'	21,200	17,000	42,400
Purple	LRS300X[Length]	3–20'	25,000	20,000	50,000
Gray	LRS360X[Length]	3–20'	31,000	24,800	62,000
Orange	LRS400X[Length]	3–20'	40,000	32,000	80,000
Green	LRS600X[Length]	4–20'	53,000	42,400	106,000
O.D. Green	LRS800X[Length]	4–20'	66,000	52,800	132,000
Black	LRS1000X[Length]	4–20'	90,000	72,000	180,000

Manufacturing Tolerance: ≤13,200 lbs: ±1" + 1% | 13,201–53,000 lbs: ±2" + 1% | >53,000 lbs: ±3" + 1% of specified length

SLING HITCH TYPES & LOAD ANGLE REFERENCE

COMMON SLING HITCHES

[Photo]

VERTICAL HITCH
One end placed on hook, other attached directly to load. Use a tagline to prevent load rotation.

[Photo]

CHOKER HITCH
Sling passes through one end around the load. Rated capacity is 80% of vertical. Choke point must be on sling body, not fittings.

[Photo]

BASKET HITCH
Sling cradles the load with both ends attached overhead. Rated capacity is 2x that of a vertical hitch.

HOW SLING ANGLE AFFECTS TENSION

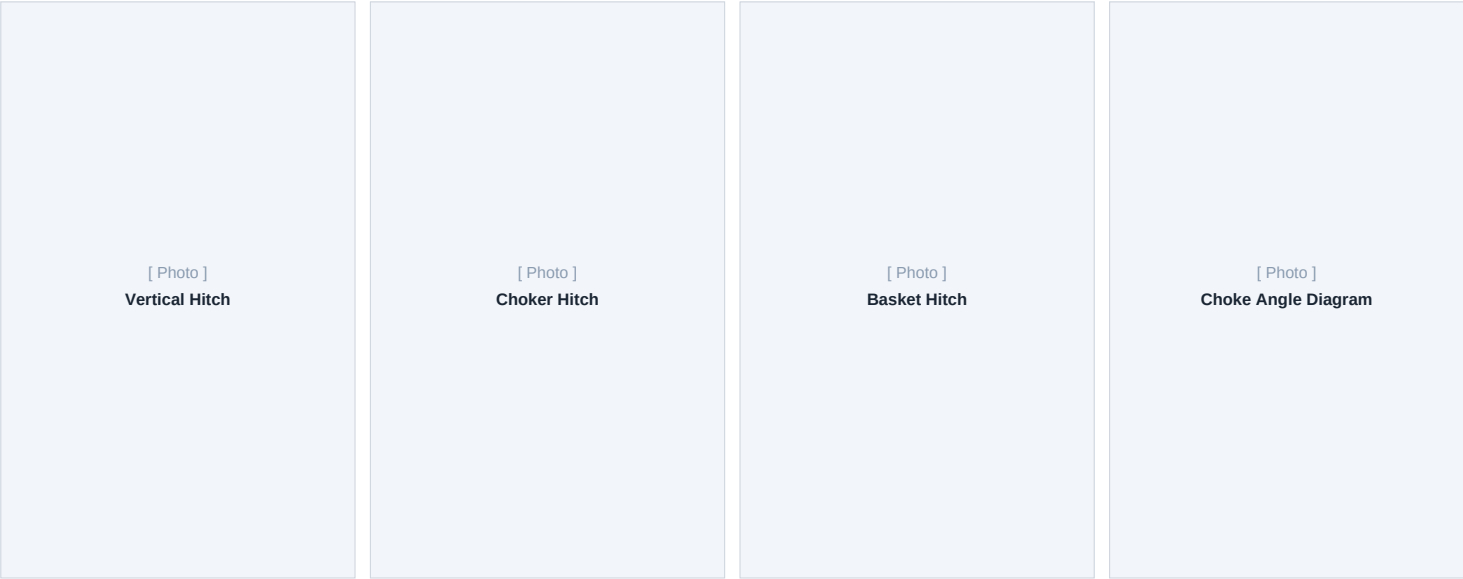
Angle from horizontal	Tension Multiplier
90°	1.000
85°	1.004
80°	1.015
75°	1.035
70°	1.064
65°	1.104
60°	1.155
55°	1.221
50°	1.305
45°	1.414
40°	1.555
35°	1.742
30°	2.000

Load per leg × Tension multiplier = Actual sling leg tension

HOW CHOKE ANGLE AFFECTS RATED CAPACITY

Angle ≥ or >	Angle <	Reduction Factor
120	180	1.000
105	120	0.820
90	105	0.710
60	90	0.580
0	60	0.500

Rated capacity × Reduction factor = Actual working capacity



ROUNDSLING — REMOVAL FROM SERVICE CRITERIA

- Identification tag is missing or not readable
- Holes, tears, cuts, or embedded materials
- Excessive abrasive wear or snags exposing core yarn
- Broken or damaged core yarn
- Sling has been tied into one or more knots
- Acid or caustic burns
- Melting, charring, or weld spatter on any part
- Distortion, pitting, or corrosion on fittings
- Broken or worn stitching in cover exposing core yarn
- Any condition causing doubt as to sling strength

WEB SLING — REMOVAL FROM SERVICE CRITERIA

- Identification tag is missing or not readable
- Holes, tears, cuts, snags, or embedded materials
- Broken or worn stitches in load bearing splices
- Knots in any part of the sling webbing
- Acid or alkali burns
- Melting, charring, or weld spatter on any part
- Excessive abrasive wear or crushed webbing
- Signs of UV light degradation
- Distortion, pitting, or corrosion on fittings
- Exposed red core yarn (if provided)
- Any condition causing doubt as to sling strength

WHERE TO FIND ADDITIONAL INFORMATION

- WSTD-RS-1 — Recommended Standard Specification for Synthetic Polyester Roundslings
- WSTD-WS-1 — Recommended Standard Specification for Synthetic Polyester Web Slings
- WSTD-WS-2 — Recommended Operating, Care and Inspection Manual for Nylon & Polyester Web Slings
- ASME B30.9 — Synthetic Roundslings & Webbing Slings: Selection, Use and Maintenance
- OSHA 29 CFR 1910.184 — Slings
- Rigging Handbooks & Formal Training from Certified Third Party or Manufacturer

NYLON VS. POLYESTER — CHEMICAL RESISTANCE

Nylon ~6% stretch | Polyester ~3% stretch | Max temp: 194°F

CHEMICAL	NYLON	POLY	CHEMICAL	NYLON	POLY
ACIDS	NO	NO	HALOGENATED HYDRO-CARBONS	OK	OK
ALCOHOL	OK	OK	HYDRO-CARBONS	OK	OK
ALDEHYDES	OK	NO	KETONES	OK	OK
STRONG ALKALIS	OK	NO	OILS (CRUDE & LUBE)	OK	OK
BLEACHING AGENTS	NO	OK	SOAPS & DETERGENTS	OK	OK
DRY CLEANING SOLVENTS	OK	OK	WATER & SEAWATER	OK	OK
ETHERS	OK	OK	WEAK ALKALIS	OK	OK

All Lecava Lifting products meet or exceed OSHA and ASME B30.9 standards and regulations.



PROUDLY MANUFACTURED IN THE USA