

Fehr

SINCE 1857

GARAGE DOOR HARDWARE



OUR KNOWLEDGE IS YOUR STRENGTH

www.fehr.com



Starting in 1857 with Henry Fehr's vision of International Trade, the Fehr family has built a solid 160 year history of doing business with honesty and integrity. Now, with fourth generation members of the Fehr family still providing that vision, we continue to build a world-wide reputation for bringing quality, integrity, and value to the markets we serve.

With our experienced staff focused on understanding these markets, buyers who exhibit a constant vigilance demanding quality products, and a culture that encourages our employees to build on our reputation, you can count on Fehr to offer quality products at competitive pricing with excellent service in an increasingly demanding marketplace.

In today's market, where the ability to research your options is as easy as it has ever been, why not turn to a Company that delivers on its promises? Fehr's depth of experience is evident each time you contact us. We're certain you'll feel that "Our Knowledge is Your Strength".

So whether you are trying us for the first time or have a long history with us, our pledge to you remains the same. We will provide you with the quality you need, the pricing to keep you competitive, and with a service level of shipping your order complete, correct, and on time each and every time.



HENRY FEHR



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PRICES: Prices are subject to change without notice. Invoices are based upon prices in effect at time of order. Check our website for up to date pricing. Fuel Surcharges may apply.

TERMS OF PAYMENT: VISA, MasterCard, AMEX and Discover accepted. Net Cash 10 days for approved accounts.

MINIMUM INVOICE: \$50.00, FOB Saugerties, NY

LATE CHARGE: A late charge of 1.5% per month is added to accounts over sixty (60) days from date of invoice.

RETURNED CHECKS: A \$30.00 fee is charged for returned checks.

FREIGHT POLICY: All shipments are FOB warehouse. Freight Collect or Prepay and Add. Call 800.431.3095 to inquire about our Prepaid Freight Policy. Fehr Bros. Industries, Inc. reserves the right to ship by carrier of our choice. Policy subject to change.

COD fees, redelivery, inside delivery, lift gate, call for appointment, over length, residential delivery, airfreight charges and any other special handling or packaging charges are the responsibility of the customer.

Bills of lading must be signed with exception for missing goods or exposed damages. Freight claims for damaged

or missing materials are the responsibility of the buyer. All cartons must be inspected for concealed damage or shortage upon receipt. Claims must be submitted to the carrier within five (5) business days.

RETURNS: Fehr Bros. wants you to be 100% satisfied with our products and service. Merchandise in its original condition may be returned for credit within thirty (30) days of receipt of material. Our Customer Service Department will provide a Return Material Authorization (RMA) form and number on request. Affix the RMA number labels to the outer carton and return the form with the material, freight paid, to the warehouse indicated on the RMA instructions. Call 800.431.3095.

A restocking fee of 15% plus freight charges may apply. No freight collect or COD shipments will be accepted. Unauthorized shipments will be returned at the customer's expense. Special order material and material cut to custom specifications are not returnable.

WARRANTY: Fehr Bros. Industries, Inc. warrants its products against defective materials and workmanship at time of shipment. Damage in transit is the responsibility of the carrier. Claims are subject to inspection by our authorized representative, and liability is limited to replacement of material or refund of the purchase price. We cannot be responsible for labor charges and consequential damages.

Warnings and Cautions Governing the Sale and Use of Cable, Springs and Attachments

All products are sold subject to the following Warnings and Cautions and with the express understanding that the purchaser and/or user are thoroughly familiar with their proper use. Fehr Bros. Industries, Inc. assumes no responsibility for the use, misuse or misapplication of its products.

WORKING LOAD LIMIT: The Working Load Limit (WLL) is the maximum load which should be applied to the product under any condition. WLL is based on a load being uniformly applied in a straight-line pull. It is the responsibility of the end user to determine a WLL for each application. Many factors should be considered including, but not limited to, loads applied, speed of operation, acceleration, length of cable, shock loads, abrasion, corrosion, size, condition of drums and sheaves, and the danger to life and property should a cable break.

BREAKING STRENGTH: Breaking Strengths apply only to new, unused Aircraft Cable. Do NOT use Breaking Strength for design or rating purposes. Use Working Load Limit (WLL) instead.

WARNING: Garage Door Cables, Springs, and attachments

are under significant load. Installations, adjustments and replacements should be performed only by a trained professional. Spring containment cables should be used in conjunction with Extension Springs. Aircraft Cables are not suitable for use in aircraft controls.

AVOID SHOCK LOADS: Loads exceeding the static load caused by rapid change of movement. WLL will not apply.

INSPECTION: No product can operate indefinitely at its rated capacity. Cables must be lubricated and maintained in accordance with normal safety standards. Do not kink, knot or crush. Cable must be inspected regularly for any deterioration which may result in the loss of original strength. User must determine whether further use of the cable would constitute a safety hazard to life or property.

Fehr hinges are deburred before plating to insure smooth clean edges. Roller tubes are welded. On 11 and 14 gauge hinges four additional holes are punched to allow the use of additional fasteners for increased attachment strength.

14 GAUGE HINGES - RESIDENTIAL

Size #	Part # Bulk	Bulk	Part # Dealer Pack	Dealer Pack	Wt (Lbs)/ Ea
1	GDHINGE14-1	100	GDHINGE14-1-DP	50	0.43
2	GDHINGE14-2	100	GDHINGE14-2-DP	25	0.53
3	GDHINGE14-3	100	GDHINGE14-3-DP	25	0.55
4	GDHINGE14-4	100	GDHINGE14-4-DP	25	0.56
5	GDHINGE14-5	75	GDHINGE14-5-DP	25	0.65

Available
in bulk and
dealer packs



18 GAUGE HINGES - NARROW DESIGN

Size #	Part # Bulk	Bulk	Part # Dealer Pack	Dealer Pack	Wt (Lbs)/ Ea
1	GDHINGE18-1	100	GDHINGE18-1-DP	50	0.23
2	GDHINGE18-2	100	GDHINGE18-2-DP	50	0.29
3	GDHINGE18-3	100	GDHINGE18-3-DP	50	0.36
4	GDHINGE18-4	100	GDHINGE18-4-DP	50	0.38

Narrow
design for
light-weight
doors



11 GAUGE HINGES - COMMERCIAL & INDUSTRIAL

Size #	Part # Bulk	Bulk	Part # Dealer Pack	Dealer Pack	Wt (Lbs)/ Ea
1	GDHINGE11-1	100	GDHINGE11-1-DP	24	0.63
2	GDHINGE11-2	100	GDHINGE11-2-DP	12	0.74
3	GDHINGE11-3	100	GDHINGE11-3-DP	12	0.80
4	GDHINGE11-4	100	GDHINGE11-4-DP	12	0.82
5	GDHINGE11-5	100	GDHINGE11-5-DP	12	0.85
6	GDHINGE11-6	100	GDHINGE11-6-DP	12	0.89
7	GDHINGE11-7	1	GDHINGE11-7-DP	12	0.92
8	GDHINGE11-8	1	GDHINGE11-8-DP	12	0.95
9	GDHINGE11-9	1	GDHINGE11-9-DP	12	0.96

Heavy duty
for commercial
and industrial
doors





14 GAUGE HALF HINGE

Part #	Size #	Bulk	Dealer Pack	Wt (Lbs)/Ea
GDHINGE14-N	1	100	25	0.30

Used on full
view doors



TOP BRACKETS

Part #	Description	Dealer Pack	Wt (Lbs)/Ea
RESBRAC-DP	Residential	24	0.47
RESBRACW	Residential (White)	1	0.29
COMBRAC-DP	Commercial	24	0.92

Roller carriers
are double
bolted



RESBRAC-DP



COMBRAC-DP

LOW HEADROOM TOP CARRIER

Part #	Description	Dealer Pack	Wt (Lbs)/Ea
LHRCAR-DP	Low Headroom	24	0.46

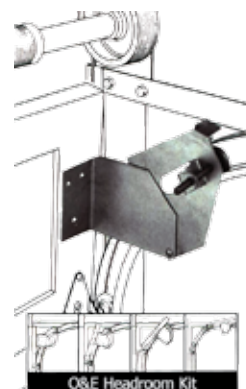
12 GA,
heavy duty



O&E LOW HEADROOM KIT

Part #	Description	Dealer Pack	Wt (Lbs)/Ea
LHROEKIT	Low Headroom	1	4.10

Works with
7' or 8' doors
with torsion
or extension
springs



O&E Headroom Kit

QUICK CLOSE BRACKET

Part #	Description	Dealer Pack	Wt (Lbs)/Ea
QWIK-DP	Low Headroom	10 Pc	2.20

Reduces headroom requirement by up to 2-1/2"



OPERATOR REINFORCEMENT BRACKETS

Part #	Description	Size	Dealer Pack	Wt (Lbs)/Ea
ORB18-DP	One pc-Galvanized	18"	12	1.8
ORB21-DP	One pc-Galvanized	21"	12	2.3
ORB21W-DP	One pc-White	21"	12	2.3
ORB24-DP	One pc-Galvanized	24"	12	2.6

One piece design is 2-5/8" wide



ADJUSTABLE REINFORCEMENT BRACKETS

Part #	Description	Size	Dealer Pack	Wt (Lbs)/Ea
ORBADJ-N-DP	Narrow Design	Adj	16	0.47
ORBADJ-DP	Full Hinge Design	Adj	15	0.29

Fits 18"-24" sections



NARROW REINFORCEMENT BRACKETS

Part #	Description	Size	Dealer Pack	Wt (Lbs)/Ea
ORB20W-DP	One pc-White	18"-21"	16	1.1

15/16" wide for use with narrow mullions





Fehr's selection of bottom brackets can be used on standard residential and commercial doors. Available in convenient carton quantities.

BOTTOM BRACKETS FOR 2" TRACK

Part #	Description	Gauge	Height	Pin Style	Side Flange	Bottom Flange+++	Dealer Pack	Wt (Lbs)/Pr
BB1M-DP	Residential	13	5-11/16"	Milford	1-1/4"	-	25 Pr	1.2
BB100	Residential	13	5-11/16"	Milford	1-1/4"	-	25 Pr	1.2
BB3M-DP	HD Residential	12	6-5/8"	Milford	1-5/16"	11/16"	12 Pr	2.1
BB12	Commercial	12	7-1/2"	Clevis	1-1/4"	1-1/4"	12 Pr	2.3
BB7	HD Commercial	11	8-3/8"	Clevis	1-5/8"	1-5/8"	12 Pr	4.3

Milford pin bottom brackets require plain loop cable assemblies



BB1M-DP



BB100



BB3M-DP

Clevis pin bottom brackets typically use a thimble loop assembly



BB7



BB12

BOTTOM BRACKETS FOR LOW HEADROOM TRACK

Part #	Gauge	Height	Pin Style	Side Flange	Track	Dealer Pack	Wt (Lbs)/Pr
BB5-DP	11	6-1/2"	Clevis	-	2"	12 Pr	2.7

BOTTOM BRACKETS FOR 3" TRACK

Part #	Gauge	Height	Pin Style	Side Flange	Bottom Flange	Dealer Pack	Wt (Lbs)/Pr
BB9-DP	12	8-3/8"	Clevis	1-5/8"	1-5/8"	6 Pr	2.9

LHR bottom brackets allow cable attachment outside of the vertical track



BB5

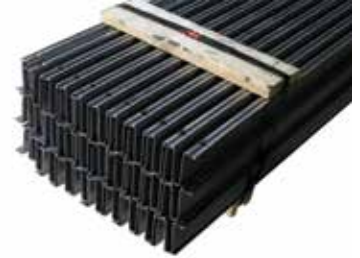


BB9

HEMMED STRUTS & STRUT CLIPS

Part #	Description	Gauge	Dealer Pack	Wt (Lbs)/Ea
STRUT22-8	2-1/4" x 8 Ft	22	60	5.2
STRUT22-9	2-1/4" x 9 Ft	22	60	5.8
STRUT22-16	2-1/4" x 16 Ft	22	60	10.7
STRUTCLIP-DP	Strut Clip	11	100	3.0

Mounting
holes punched
every 12"



LIFT HANDLES

Part #	Description	Gauge	Dealer Pack	Wt (Lbs)/Ea
RGHANDLE-DP	Rolled Grip	16	50	0.18

16 gauge,
zinc plated



STEP PLATES

Part #	Description	Gauge	Dealer Pack	Wt (Lbs)/Ea
STEP-DP	2 Hole	11	16	0.21

1-1/2" x 1-1/2"
x 4-1/2" long



JAMB BRACKETS

Part #	Description	Pack	Wt (Lbs)/Ea
J1-DP	J1-12 Gauge Jamb Bracket	10	0.22
J3-DP	J3-12 Gauge Jamb Bracket	10	0.30
J4-DP	J4-12 Gauge Jamb Bracket	10	0.31
J5-DP	J5-12 Gauge Jamb Bracket	10	0.34
J6-DP	J6-12 Gauge Jamb Bracket	10	0.36
J7-DP	J7-12 Gauge Jamb Bracket	10	0.36

12 gauge,
zinc plated





Fehr Bros. provides the highest quality door rollers. Our side by side cycle testing demonstrates that Fehr rollers complete 2-3 times as many cycles as the competition and show only half the wear. Dare to compare! Go to www.fehr.com for cycle test data.

2" WHITE NYLON - 13 BALL

Part #	Stem Length	Cycles-12' Door 125 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL26NL	4" Zinc	20,000	150	-	10	0.30
ROLL26NL-XL	7" Zinc	20,000	100	50	10	0.44
ROLL26NL-XXL	9" Zinc	20,000	80	50	-	0.50



ROLL26NL

2" WHITE NYLON - 13 BALL CAPPED

Part #	Stem Length	Cycles-12' Door 125 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL26CAP	4" Zinc	20,000	150	-	10	0.31
ROLL26CAP-XL	7" Zinc	20,000	100	50	-	0.44



ROLL26CAP

2" WHITE NYLON - 11 BALL

Part #	Stem Length	Cycles-12' Door 125 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL11NL	4" Zinc	20,000	150	-	10	0.32
ROLL11NL-XL	7" Zinc	20,000	100	-	-	0.44



ROLL11NL

2" BLACK NYLON - BEARINGLESS

Part #	Stem Length	Cycles-8' Door 50 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL8	4" Zinc	10,000	200	50	-	0.23



ROLL8

2" PRECISION BEARING - 6200ZZ

Part #	Stem Length	Cycles-12' Door 150 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL41	4" Zinc	100,000	150	50	10	0.30
ROLL41-XL	7" Zinc	100,000	100	50	-	0.44



ROLL41

2" SEALED PRECISION BEARING - 6200-2RS (304 SS STEM)

Part #	Stem Length	Cycles-12' Door 150 Lb Load	Bulk	Pieces	Bag	Wt (Lbs)/Ea
ROLL50CW	4" SS	100,000	100	1	-	0.31
ROLL50CW-XL	7" SS	100,000	100	1	-	0.44
ROLL50CW-XXL	9" SS	100,000	100	1	-	0.75



ROLL50CW

2" STEEL - 10 BALL

Part #	Stem Length	Cycles-12' Door 75 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL4	4" Zinc	15,000	200	-	10	0.32
ROLL26L	7" Zinc	15,000	150	50	-	0.44
ROLL26XL	9" Zinc	15,000	100	50	-	0.56



ROLL26L

2" STEEL - 7 BALL

Part #	Stem Length	Cycles-8' Door 35 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL9	4" Zinc	10,000	200	50	-	0.23



ROLL9



3" PRECISION BEARING - 6200ZZ (CARRIAGE HOUSE)

Part #	Stem Length	Cycles-12' Door 150 Lb Load	Bulk	Dealer Pack	Pc	Wt (Lbs)/Ea
ROLL3XL	7" Zinc	100,000	50	-	1	0.59
ROLL3XXL	9" Zinc	100,000	50	-	1	0.68



ROLL3XL

3" SEALED PRECISION BEARING - 6203-2RS (304 SS STEM)

Part #	Stem Length	Cycles-12' Door 150 Lb Load	Bulk	Dealer Pack	Pc	Wt (Lbs)/Ea
ROLL5XL	7" SS	100,000	50	-	1	0.61
ROLL5XXL	9" SS	100,000	50	-	1	0.75



ROLL5XXL

3" STEEL - 10 BALL

Part #	Stem Length	Cycles-12' Door 150 Lb Load	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ROLL27	4" Zinc	50,000	100	24	-	0.63
ROLL28	7" Zinc	50,000	75	24	-	0.66
ROLL28XL	9" Zinc	50,000	50	-	-	0.74



ROLL28XL

TRUCK DOOR ROLLERS

Part #	Description	Stem Length	Cycles-9' Door 125 Lb Load	Bulk	Dealer Pack	Wt (Lbs)/Ea
ROLL22	1" - 7 Ball Steel	2-3/4" Zinc	30,000	200	50	0.20
ROLL23	2" -13 Ball Nylon	2-3/4" Zinc	30,000	100	50	0.25
ROLL24	2" -10 Ball Steel	2-3/4" Zinc	15,000	150	50	0.29



ROLL22



ROLL23



ROLL24

HIGH STRENGTH 80,000 PSI PAINTED ANGLE

Part #	Gauge	Description	Color	Bulk	Dealer Pack	Wt (Lbs)/Ea
PERF12-8.25W	12	1-1/4 x 1-1/4 x 8'3"	White	320	10	5.80
PERF12-8.25P	12	1-1/4 x 1-1/4 x 8'3"	Gray	320	10	5.80

Powder coated in gray or white, cut with chop saw or Roper Whitney angle shear



Roper Whitney Angle Shear on pg 63.

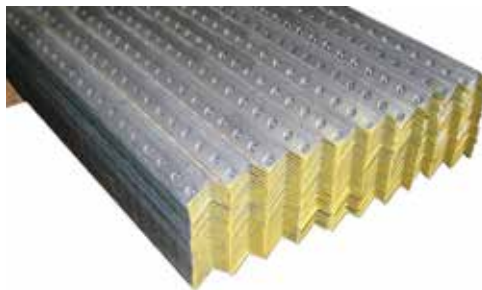


TRWAC-4

HOT DIPPED GALVANIZED PERFORATED ANGLE

Part #	Gauge	Description	Color Code	Bulk	Half Pack	Dealer Pack	Wt (Lbs)/Ea
PERF12-8	12	1-1/4 x 1-1/4 x 8'	Yellow	200	100	10	5.6
PERF12-10	12	1-1/4 x 1-1/4 x 10'	Yellow	200	100	10	6.7
PERF12X2-10	12	2 x 2 x 10'	Brown	200	100	10	12.0
PERF13-8	13	1-1/4 x 1-1/4 x 8'	Red	200	100	10	4.4
PERF14-10	14	1-1/4 x 1-1/4 x 10'	Green	200	100	10	5.2
PERF16-8	16	1-1/4 x 1-1/4 x 8'	Blue	200	100	10	3.7

Full G90 galvanizing, holes are 1" on center



HK Porter Standard Angle Shear on pg 63.



THKAC



Fehr lock components provide a range of alternative locking systems including cable or chain activated Snap Latch, single or double Lock Bar, or Side Lock systems for replacement and new installation.

SIDE LOCKS

Part #	Description	Bulk	Bag	Wt (Lbs)/Ea
LS146	2" Side Lock	100	1	0.46
LS147	3" Universal	100	1	0.47



LS146

PLAIN T - HANDLE SET

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LS2S	Plain T-Handle Set	100	10	1	0.53



LS2S

Cylinders are available in random keyed or keyed alike



LS7



LS147

LOCKING HANDLES & CYLINDERS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LS3R	Locking T-Handle Set	100	10	1	0.67
LS3B	Blind Mount Locking T-Handle	100	10	1	0.67
LS3LSP	L-Handle Cylinder Combo	50	10	1	0.82
LS7	Zinc Die Cast Rim Cylinder	100	10	1	0.34
LS6R	Locking Side Latch Mechanism	-	-	1	1.10



LS3R

LS3LSP and LS6R are designed to be used in tandem



LS3LSP

LS6R



LS3B

DEADBOLT SETS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LS42	Stamped Deadbolt Set	80	10	1	0.68
LS68	Cast Deadbolt Set	80	10	1	0.80

Traditional cast body for wood doors



LS68

Narrow design for steel doors



LS42

LATCHES & STRIKERS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LATCH	Zinc Plated Spring Latch	50	10	1	0.49
LATCHW	White Powder Spring Latch	50	10	1	0.49
STRIKER	Zinc Plated Striker Plate	50	10	1	0.16

Keyhole for easy cable attachment



LATCH

Use trackbolts to attach to vertical track



STRIKER

INSIDE HANDLES

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
ILSWIV	Inside Swivel	200	10	1	0.21
ISRHANDLE	Inside Release Handle	100	10	1	0.43



ISRHANDLE



ILSWIV

DEAD BOLT COMPONENTS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LBD1	#1 Lock Bar Disc - Square Hole	100	10	1	0.41
LBS360-DP	Lock Bar Spring	100	10	1	0.03
3GUIDE-DP	#3 Lock Bar Guide	100	10	1	0.05
LBADD	Lock Bar Adder Bag	100	10	1	0.25



LBD1



LBS360-DP



3GUIDE-DP

LOCK BARS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LB55.875	55-7/8" Lock Bar Hemmed Pattern	100	10	1	1.33
LB50	50" Lock Bar Hemmed Pattern	100	10	1	1.17
LBA50-5	Lock Bar Assembly with #5 Disc and 2-50" Bars	100	10	1	2.50
LBA98-5	Lock Bar Assembly with #5 Disc and 2 -98" Bars	100	10	1	4.74



KEY SWITCHES & KEY DISCONNECT DEVICES

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
EKIT-100	Metal Key Switch	100	10	1	0.24
EKIT-102	Keyed Disconnect Device	100	10	1	0.28
EKIT-103	Blind Mount Keyed Disconnect Device	100	10	1	0.50



EKIT-100



EKIT-102



EKIT-103

SNAP-LATCH COMPONENTS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
39501-60	3/32" x 60" Latch Cable with Stop	100	10	1	0.41
39501-108	3/32" x 108" Latch Cable with Stop	100	10	1	0.19
SASH9BAG	#8 x 4-1/2' EG Sash Chain (In Bag)	100	10	1	0.03
SASH16BAG	#8 x 8' EG Sash Chain (In Bag)	100	10	1	0.05
EGSH125-DP	1/8 x 1" EG S-Hook	1000	100	1	0.25



39501-60



SASH9BAG



EGSH125-DP

PRE-PACKAGED LOCK SETS

Part #	Description	Bulk	Dealer Pack	Bag	Wt (Lbs)/Ea
LBAG-9D-CAB	9' Door Double Spring Latch-Cable	100	10	1	1.81
LBAG-16D-CAB	16' Door Double Spring Latch-Cable	100	10	1	1.96
LBAG-9S-CHA	9' Door Single Spring Latch-Chain	100	10	1	1.09
LBAG-16S-CHA	16' Door Single Spring Latch-Chain	100	10	1	1.27

Double latch kits include all inside hardware required to lock both sides



LBAG-16D-CHA



LBAG-16D-CAB



Fehr torsion springs are manufactured from oil-tempered spring wire meeting ASTM A229. Wire is coated for improved corrosion resistance and easier handling. Standard 10,000 cycle and 25,000+ High Cycle Springs are available in both left or right wound, precut with fittings installed or in long lengths.

1-3/4" ID PRE-CUT, FITTINGS INSTALLED - 7' HIGH DOORS - 4" DRUM

Part # Left	Part # Right	Lbs	Size	IPPT Rate	Color Code	Wt (Lbs)/Ea
TORA-070L	TORA-070R	70	.192 x 20"	20.75	Orange	5.2
TORA-080L	TORA-080R	80	.207 x 25"	23.83	Yellow	7.1
TORA-090L	TORA-090R	90	.207 x 22.5"	26.61	Yellow	6.4
TORA-100L	TORA-100R	100	.218 x 26"	30.01	White	7.8
TORA-110L	TORA-110R	110	.225 x 27.5"	32.56	Red	8.5
TORA-120L	TORA-120R	120	.234 x 30"	36.08	Brown	9.7
TORA-130L	TORA-130R	130	.234 x 28"	38.76	Brown	9.1
TORA-140L	TORA-140R	140	.243 x 35.5"	41.88	Green	10.7
TORA-150L	TORA-150R	150	.250 x 33"	45.23	Gold	11.5
TORA-160L	TORA-160R	160	.262 x 39.5"	47.7	Blue	14.6
TORA-165L	TORA-165L	165	.273 x 46.5"	48.85	Orange	18.4
TORA-170L	TORA-170R	170	.262 x 37"	51.04	Blue	13.6
TORA-180L	TORA-180R	180	.262 x 35"	54.07	Blue	12.9
TORA-195L	TORA-195R	195	.273 x 39"	58.58	Orange	15.1

Right wound springs have red color-coded winding sleeves



Left wound springs have black color-coded winding sleeves



Safety Collars and Winding Bars on pg 57.



SAFETY COLLAR



WINDING BAR

2" ID PRE-CUT, FITTINGS INSTALLED - 7' HIGH DOORS - 4" DRUM

Part # Left	Part # Right	Lbs	Size	IPPT Rate	Color Code	Wt (Lbs)/Ea
TORB-070L	TORB-070R	70	.187 x 16"	20.69	Blue	4.3
TORB-080L	TORB-080R	80	.207 x 22.5"	23.60	Yellow	7.2
TORB-090L	TORB-090R	90	.207 x 20"	26.71	Yellow	6.4
TORB-100L	TORB-100R	100	.218 x 23"	30.28	White	7.8
TORB-110L	TORB-110R	110	.225 x 24.5"	32.61	Red	8.6
TORB-120L	TORB-120R	120	.234 x 27"	35.76	Brown	10.0
TORB-130L	TORB-130R	130	.234 x 25"	38.76	Brown	9.2
TORB-140L	TORB-140R	140	.243 x 28.5"	41.3	Green	10.9
TORB-150L	TORB-150R	150	.250 x 30"	44.4	Gold	11.8
TORB-160L	TORB-160R	160	.250 x 28"	47.72	Gold	11.0
TORB-170L	TORB-170R	170	.262 x 33.5"	50.34	Blue	13.9
TORB-180L	TORB-180R	180	.262 x 31.5"	53.67	Blue	13.7

1-3/4" ID PRE-CUT, FITTINGS INSTALLED - 8' HIGH DOORS - 4" DRUM

Part # Left	Part # Right	Lbs	Size	IPPT Rate	Color Code	Wt (Lbs)/Ea
TORA192X26.5L	TORA192X26.5R	60	.192 x 26.5"	15.47	Orange	7.6
TORA207X31L	TORA207X31R	75	.207 x 31"	19.06	Yellow	9.5
TORA207X28L	TORA207X28R	80	.207 x 28"	21.18	Yellow	8.1
TORA218X31L	TORA218X31R	100	.218 x 31"	24.99	White	10.1
TORA218X28L	TORA218X28R	110	.218 x 28"	27.78	White	8.9
TORA225X29L	TORA225X29R	120	.225 x 29"	30.81	Red	9.4
TORA234X32L	TORA234X32R	130	.234 x 32"	33.74	Brown	12.0
TORA243X35L	TORA243X35R	145	.243 x 35"	37.54	Green	12.0
TORA250X39L	TORA250X39R	150	.250 x 39"	38.04	Gold	14.5
TORA262X42.5L	TORA262X42.5R	170	.262 x 42.5"	43.69	Blue	16.5
TORA262X40L	TORA262X40R	180	.262 X 42"	47.08	Blue	15.2
TORA273X44L	TORA273X44R	200	.273 X 44"	51.71	Orange	17.5
TORA283X50L	TORA283X50R	210	.283 x 50"	54.05	Light Blue	20.7
TORA283X48L	TORA283X48R	220	.283 x 48"	56.37	Light Blue	19.5





Fehr high cycle torsion springs are designed to work on 7' high doors as "High Cycle" or 8' doors as standard 10,000 cycle springs. With fewer turns (7.6 vs. 8.8) they lift less door weight per turn and as a consequence last considerably longer. Calculated cycles are shown.

1-3/4" ID PRE-CUT, FITTINGS INSTALLED - 7' HIGH DOORS - 4" DRUM (HIGH CYCLE)

Part # Left	Part # Right	Lbs	Cycles @ 7.6 Turns	Size	IPPT Rate	Color Code	Wt (Lbs)/Ea
TORA192X26.5L	TORA192X26.5R	55	60,000	.192 x 26.5"	15.47	Orange	7.6
TORA207X31L	TORA207X31R	65	60,000	.207 x 31"	19.06	Yellow	9.5
TORA207X28L	TORA207X28R	70	37,000	.207 x 28"	21.18	Yellow	8.1
TORA207X25.5L	TORA207X25.5R	80	23,000	.207 X25.5"	23.35	Yellow	7.9
TORA218X31L	TORA218X31R	85	30,000	.218 x31"	24.99	White	10.1
TORA218X28L	TORA218X28R	95	21,000	.218 x 28"	27.78	White	8.9
TORA225X29L	TORA225X29R	105	19,000	.225 x 29"	30.81	Red	9.4
TORA234X32L	TORA234X32R	110	20,000	.234 x 32"	33.74	Brown	12.0
TORA243X35L	TORA243X35R	125	21,000	.243 x 35"	37.54	Green	12.0
TORA250X39L	TORA250X39R	130	28,000	.250 x 39"	38.04	Gold	14.5
TORA262X45.5L	TORA262X45.5R	140	36,000	.262 x45.5"	41.22	Blue	17.2
TORA262X43L	TORA262X43R	150	22,000	.262 X 43"	43.69	Blue	16.5
TORA262X40L	TORA262X40R	160	19,000	.262 X 42"	47.08	Blue	15.2
TORA273X44L	TORA273X44R	175	21,000	.273 X 44"	51.71	Orange	17.5
TORA283X50L	TORA283X50R	180	27,000	.283 x 50"	54.05	Light Blue	20.7
TORA283X48L	TORA283X48R	195	22,000	.283 x 48"	56.37	Light Blue	19.5

1-3/4" ID UNCUT LONG LENGTHS*

Part # Left	Part # Right	Color Code	Wt (Lbs)/Ea
TORA192X120L	TORA192X120R	Orange	31.0
TORA207X120L	TORA207X120R	Yellow	33.9
TORA207X144L	TORA207X144R	Yellow	40.8
TORA218X120L	TORA218X120R	White	38.5
TORA218X144L	TORA218X144R	White	43.3
TORA225X120L	TORA225X120R	Red	37.3
TORA225X144L	TORA225X144R	Red	44.7



*Uncut long lengths and other spring sizes not shown are available as custom order items. May be subject to a minimum order requirement and lead times. Call 800.431.3095 for details.

1-3/4" ID UNCUT LONG LENGTHS* (CONTINUED)

Part # Left	Part # Right	Color Code	Wt (Lbs)/Ea
TORA225X144L	TORA225X144R	Red	44.7
TORA234X120L	TORA234X120R	Brown	39.0
TORA234X144L	TORA234X144R	Brown	46.8
TORA243X120L	TORA243X120R	Green	40.7
TORA243X144L	TORA243X144R	Green	48.9
TORA250X120L	TORA250X120R	Gold	41.9
TORA250X144L	TORA250X144R	Gold	50.3
TORA262X120L	TORA262X120R	Blue	44.2
TORA262X144L	TORA262X144R	Blue	53.1
TORA273X120L	TORA273X120R	Orange	48.2
TORA283X120L	TORA283X120R	Light Blue	52.4

**2" ID UNCUT LONG LENGTHS***

Part # Left	Part # Right	Color Code	Wt (Lbs)/Ea
TORB192X120L	TORB192X120R	Orange	35.3
TORB207X120L	TORB207X120R	Yellow	38.3
TORB207X144L	TORB207X144R	Yellow	45.9
TORB218X120L	TORB218X120R	White	40.7
TORB218X144L	TORB218X144R	White	42.6
TORB225X120L	TORB225X120R	Red	42.0
TORB225X144L	TORB225X144R	Red	50.4
TORB234X120L	TORB234X120R	Brown	43.9
TORB243X120L	TORB243X120R	Green	45.8
TORB243X144L	TORB243X144R	Green	54.9
TORB250X120L	TORB250X120R	Gold	47.1
TORB262X120L	TORB262X120R	Blue	49.8
TORB273X120L	TORB273X120R	Orange	52.2
TORB283X120L	TORB283X120R	Light Blue	54.2
TORB295X120L	TORB295X120R	Light Blue	57.5
TORB306X120L	TORB306X120R	Brown	60.0

Torsion Spring Repair Blocks on pg 57.



*Uncut long lengths and other spring sizes not shown are available as custom order items. May be subject to a minimum order requirement and lead times. Call 800.431.3095 for details.



Fehr high cycle extension springs are manufactured from oil-tempered spring wire meeting ASTM A229 and are designed for a minimum of 25,000 cycles. Finished springs are coated for improved corrosion resistance and handling. Double loop ends are standard on all springs up to 180 Lbs with clip ends available on springs 100 Lbs through 400 Lbs.

25X42 FOR 7' DOORS WITH DOUBLE LOOP OR CLIP ENDS

Part # Double Loop	Part # Clipped End	Lbs	Color Code	Wt (Lbs)/Ea
EXT2542-040	-	40	Blue	1.75
EXT2542-050	-	50	Red	1.61
EXT2542-060	-	60	Brown	1.75
EXT2542-070	-	70	Orange	3.25
EXT2542-080	-	80	Gold	2.5
EXT2542-090	-	90	Light Blue	3.0
EXT2542-100	EXT2542-100CLIP	100	Tan	4.0
EXT2542-110	EXT2542-110CLIP	110	White	4.2
EXT2542-120	EXT2542-120CLIP	120	Green	4.1
EXT2542-130	EXT2542-130CLIP	130	Yellow	4.0
EXT2542-140	EXT2542-140CLIP	140	Blue	5.2
EXT2542-150	EXT2542-150CLIP	150	Red	5.0
EXT2542-160	EXT2542-160CLIP	160	Brown	6.4
EXT2542-170	EXT2542-170CLIP	170	Orange	6.2
EXT2542-180	EXT2542-180CLIP	180	Gold	6.0
-	EXT2542-200	200	Tan	6.6
-	EXT2542-220	220	Green	10.2
-	EXT2542-240	240	Blue	10.1
-	EXT2542-260	260	Brown	10.0
-	EXT2542-280	280	Gold	11.0
-	EXT2542-300	300	Tan	12.0
-	EXT2542-320	320	Green	13.0
-	EXT2542-330	330	Yellow	15.0
-	EXT2542-340	340	Blue	14.3
-	EXT2542-360	360	Brown	15.3
-	EXT2542-400	400	White	15.2



30X48 FOR 8' DOORS WITH DOUBLE LOOP ENDS

Part #	Lbs	Color Code	Wt (Lbs)/Ea
EXT3048-090	90	Light Blue	3.10
EXT3048-100	100	Tan	3.25
EXT3048-110	110	White	3.50
EXT3048-120	120	Green	3.25
EXT3048-130	130	Yellow	4.70
EXT3048-140	140	Blue	5.50
EXT3048-150	150	Red	5.60
EXT3048-160	160	Brown	6.25
EXT3048-170	170	Orange	6.60
EXT3048-180	180	Gold	7.40



SPRING RESTRAINT CABLES

Part #	Size	Description	Length	Loop	Color	Door Height	Wt/Pr
36901-120	3/32"	7x7	120"	Plain	Red	7'	0.80
36901-144	3/32"	7x7	144"	Plain	-	7'	0.96
36901-156	3/32"	7x7	156"	Plain	Brown	8'	1.00
36902-120	1/8"	7x7	120"	Plain	Red	7'	0.96
36902-144	1/8"	7x7	144"	Plain	-	7'	0.96
36902-156	1/8"	7x7	156"	Plain	Brown	8'	1.00



LOCK BAR SPRINGS

Part #	Description	Dealer Pack	Pieces	Wt (Lbs)/Ea
LBS360-DP	3" Lock Bar Spring	100	1	0.03



LBS360-DP

Residential and Commercial
Wire Gauges on pg 57.



TSGA-COM

EXTENSION SPRING MOUNTING ACCESSORIES

Part #	Description	Pack	Wt (Lbs)/Ea
EB312X03-DP	5/16" x 3-1/2" Open Eyebolt	100	0.15
UB312X02-DP	5/16" x 2-1/4" U-Bolt with Nuts	100	0.11
EGSH250X2.1-DP	1/4" x 2-1/4" EG S-Hook	100	0.06
ADJX100	3 Hole Cable Adjustment Clip	100	0.02



EB312X03-DP



UB312X02-DP



EGSH250X2.1-DP



ADJX100

BUMPER SPRINGS

Part #	Description	Length	Pack	Wt (Lbs)/Pr
B610	Universal Mini	9"	Ea	0.9/Ea
B620	Pusher (Left and Right Hand)	27"	Pr	8.3
B630	Leaf Type (Left and Right Hand)	-	Pr	5.0
B640	Pusher (Left and Right Hand)	15"	Pr	5.4



B620



B640

Leaf type with
safety strap



B630

Universal Mini
may be used
on left or right
sides



B610

STANDARD LIFT CABLE DRUMS

Part #	Maximums				Description	Mounting	Wt (Lbs)/Pr
	Door Height	Door Weight	Cable	Diameter			
CON400-8	8'-1"	530	1/8"	4.8"	Standard Lift	1" Tube or Solid Shaft with Key	2.2
CON400-12	12'-1"	750	5/32"	5.0"	Standard Lift	1" Tube or Solid Shaft with Key	4.2
CON5250-18	19'-6"	1,500	3/16"	6.0"	Standard Lift	1" Solid Shaft with Key	5.2



CON400-8



CON400-12



CON5250-18

HIGH LIFT CABLE DRUMS

Part #	Maximums				Description	Mounting	Wt (Lbs)/Pr
	Door Height	Door Weight	Cable	Diameter			
CON400-54	10' + High Lift	550	5/32"	6.0"	54" High Lift	1" Solid Shaft with Key	7.8
CON5250-54	15' + High Lift	1,000	3/16"	7.5"	54" High Lift	1" Solid Shaft with Key	9.6
CON5750-120	12' + High Lift	1,000	3/16"	9.5"	120" High Lift	1" Solid Shaft with Key	10.0



CON400-54



CON5250-54



CON5750-120



Fehr spring fittings are die cast aluminum alloy and are color coded RED or BLACK. Each set includes a stationary bracket and a winding sleeve with set screws installed.

SPRING FITTINGS

Part # Red	Part # Black	Color Code	Wt (Lbs)/Pr
CON175WS-SBR-R	CON175WS-SBR-B	1-3/4"	0.68
CON200WS-SBR-R	CON200WS-SBR-B	2"	0.76
CON258WS-SBR-R	CON258WS-SBR-B	2-5/8"	1.12



SHAFT COUPLERS & COLLARS

Part # Red	Description	Pack	Wt (Lbs)/Ea
CON10CS	Steel Coupler for 1" Shafts	1	0.68
TTCOUPLER	Steel Coupler for 1" Tube	1	0.39
SHAFTCOLLAR	Shaft Collar with Set Screw	1	0.22



SHAFTCOLLAR



CON10CS



TTCOUPLER

END BEARING PLATES

Part #	Description	Offset	Gauge	Pack	Wt (Lbs)/Pr
EBFPLTE-DP	338 End Bearing Plate with Flange	3-3/8"	12	20 Pr	1.68
EBF438	438 End Bearing Plate with Flange	4-3/8"	8	Pr	3.66
EBF500	500 End Bearing Plate with Flange	5.0"	8	Pr	5.14



EBFPLTE-DP



EBF438



EBF500

FLAT END BEARING PLATES

Part #	Description	Length	Gauge	Pack	Wt (Lbs)/Pr
ENDPLTE-DP	#2 Flat End Bearing Plate	6-5/8" OAL	8	24 Pc	1.07/Ea

Mounts to
horizontal
track angle

ENDPLTE-DP



Fits most 10",
12" and 15"
radius tracks

UNIDEC



DECORATOR ANGLES

Part #	Description	Finish	Gauge	Pack	Wt (Lbs)/Pr
UNIDEC	Universal Decorator Angle	Zinc	14	Pr	2.55

SPRING ANCHOR PLATES

Part #	Description	Offset	Gauge	Pack	Wt (Lbs)/Ea
RESI-SPRGPLTE-DP	Residential Universal	Adj	12	50	0.60
CENTRPLTE-DP	338 Center Bearing Plate	3-3/8"	8	24	1.69
SPRGPLTE-DP	338 Spring Anchor Plate	3-3/8"	11	24	0.90
NOTCHPLTE-DP	338 Notched Anchor Plate	3-3/8"	11	24	0.66
USA-SPRGPLTE-L	Commercial Universal - Left	Adj	8	Ea	1.59
USA-SPRGPLTE-R	Commercial Universal - Right	Adj	8	Ea	1.59



SPRGPLTE-DP



RESI-SPRGPLTE-DP



CENTRPLTE-DP



USA-SPRGPLTE

BEARINGS

Part #	Description	Bulk	Pack	Wt (Lbs)/Ea
BEAR18-DP	2" x 1" Nylon Flanged Bushing	100	50	0.68
BEAR23-DP	2" x 1" Steel Flanged Bearing	100	24	0.39
BEAR32	2" x 1" Bearing in Football Plate	-	1	0.22



BEAR18-DP



BEAR23-DP



BEAR32

CHAIN HOISTS

Part #	Description	Ratio	Pack	Wt (Lbs)/Ea
CH84	Chain Hoist - Shaft Mount Reduced Drive	4:1	1	16.6
CH88	Chain Hoist - Wall Mount Reduced Drive	4:1	1	16.6
CH-CHAINX21	Hand Chain for CH84, CH88	-	21'	8.4
CH-CHAINX250	Bulk Hand Chain for Chain Hoists	-	250'	78

Hoists include
26 Ft of hand
chain and 3 Ft
of #41 roller
chain



CH84



CH88

SPREADER BAR

Part #	Description	Pack	Wt (Lbs)/Ea
CH-JSS	Adjustable Jack Shaft Spreader Arm	1	5.2

Includes 2
shaft collars



CH-JSS

.995 O.D.
14 gauge,
galvanized



TTUBE14G-92

TORSION TUBE

Part #	Description	Size	Bulk	Wt (Lbs)/Ea
TTUBE14G-92*	14 Gauge Hot Rolled	1" x 92"	96	6.12

* Call for availability

GEAR REPLACEMENT KIT

Part #	Description	Pack	Wt (Lbs)/Ea
HKIT-7575*	Replacement for 41C4220A	1	1.0

* Compatible with Chamberlain, Craftsman, Liftmaster, and Sears Chain drive openers



STAMPED SHEAVES

Part #	Description	Max Load Rating (Lbs)	Bulk	Pack	Wt (Lbs)/Ea
SHV3HD	3" Heavy Duty	100	200	24	0.334
SHV3HDGOLD	3" Extra Heavy Duty	200	150	24	0.40
SHV4	4" Heavy Duty	200	75	10	0.72
SHV4STUD	4" Heavy Duty with Stud	200	45	10	0.92



SHV3HDGOLD

SHV3HD



SHV4



SHV4STUD

CAST SHEAVES

Part #	Description	Max Load Rating (Lbs)	Bulk	Pack	Wt (lbs)/Ea
SHV3CAST	3" Cast Iron Sheave	300	60	1	0.66
SHV4CAST	4" Cast Iron Sheave	400	30	1	1.07

Cast iron sheaves use a shielded precision bearing



SHV3CAST



SHV4CAST

SHEAVE KITS

Part #	Description	Max Load Rating (Lbs)	Pack	Wt (Lbs)/Ea
SHV3HDKIT	3" Heavy Duty Sheave Kit	100	24	0.47
SHV4KIT	4" Sheave Kit	200	10	0.99

Includes 3" HD
sheave, fork,
3/8" x 1-1/2"
bolt and nut



SHV3HDKIT

Includes 4"
sheave, fork,
3/8" x 1-1/2"
bolt and nut



SHV4KIT

SHEAVE FORKS

Part #	Description	Pack	Wt (Lbs)/Ea
SHV3FORK-DP	3" Sheave Fork	24	0.07
SHV4FORK-DP	4" Sheave Fork	10	0.2



EXTENSION SPRING MOUNTING ACCESSORIES

Part #	Description	Pack	Wt (Lbs)/Ea
EB312X03-DP	5/16" x 3-1/2" Open Eyebolt	100	0.15
UB312X02-DP	5/16" x 2-1/4" U-Bolt with Nuts	100	0.11
EGSH250X2.1-DP	1/4" x 2-1/4" EG S-Hook	100	0.06
ADJX100	3 Hole Cable Adjustment Clip	100	0.02



UB312X02-DP



EGSH250X2.1-DP



EB312X03-DP



ADJX100



Fehr galvanized aircraft cable meets dimensional and breaking strength requirements of Federal Specification RR-W-410. Use 7x19 where maximum flexibility is desired. Use stainless steel where corrosive conditions may occur.

7X7 GALVANIZED AIRCRAFT CABLE

Size	Type	Breaking Strength (Lbs)	Part # 250' Reel	Part # 500' Reel	Part # 1,000' Reel	Part # 5,000' Reel	Wt (Lbs)/Ft
1/6"	7x7	480	2G7062-00250	2G7062-00500	2G7062-01000	2G7062-05000	0.008
3/32"	7x7	920	2G7093-00250	2G7093-00500	2G7093-01000	2G7093-05000	0.016
1/8"	7x7	1,700	2G7125-00250	2G7125-00500	2G7125-01000	2G7125-05000	0.029
5/32"	7x7	2,600	2G7156-00250	2G7156-00500	2G7156-01000	2G7156-05000	0.046
3/16"	7x7	3,700	2G7187-00250	2G7187-00500	2G7187-01000	2G7187-05000	0.064

Small reels
are boxed and
labelled



7X19 GALVANIZED AIRCRAFT CABLE

Size	Type	Breaking Strength (Lbs)	Part # 250' Reel	Part # 500' Reel	Part # 1,000' Reel	Part # 5,000' Reel	Wt (Lbs)/Ft
3/32"	7x19	1,050	2G9093-00250	2G9093-00500	2G9093-01000	2G9093-05000	0.017
1/8"	7x19	2,000	2G9125-00250	2G9125-00500	2G9125-01000	2G9125-05000	0.029
5/32"	7x19	2,800	2G9156-00250	2G9156-00500	2G9156-01000	2G9156-05000	0.045
3/16"	7x19	4,200	2G9187-00250	2G9187-00500	2G9187-01000	2G9187-05000	0.065
1/4"	7x19	7,000	2G9250-00250	2G9250-00500	2G9250-01000	2G9250-05000	0.111

Felco Cable & Wire Rope
Cutters on pg 56.

TFC9



Large reels are
sturdy wood
flanged



7X19 TYPE 304 STAINLESS AIRCRAFT CABLE

Size	Type	Breaking Strength (Lbs)	Part # 250' Reel	Part # 500' Reel	Part # 1,000' Reel	Part # 5,000' Reel	Wt (Lbs)/Ft
1/16"	7X7	480	2S7062-00250	2S7062-00500	2S7062-01000	2S7062-05000	0.008
3/32"	7x7	920	2S7093-00250	2S7093-00500	2S7093-01000	2S7093-05000	0.016
1/8"	7x19	1,760	2S9125-00250	2S9125-00500	2S9125-01000	2S9125-05000	0.029
5/32"	7x19	2,400	2S9156-00250	2S9156-00500	2S9156-01000	2S9156-05000	0.046
3/16"	7x19	3,700	2S9187-00250	2S9187-00500	2S9187-01000	2S9187-05000	0.064
1/4"	7x19	6,400	2S9250-00250	2S9250-00500	2S9250-01000	2S9250-05000	0.112

Use stainless cable where doors are exposed to corrosive environments



HIT Cable Swagers on page 56.



THSC600

7X19 TYPE 316 STAINLESS AIRCRAFT CABLE (MAX CORROSION RESISTANCE)

Size	Type	Breaking Strength (Lbs)	Part # 250' Reel	Part # 500' Reel	Part # 1,000' Reel	Part # 5,000' Reel	Wt (Lbs)/Ft
1/8"	7x19	1,530	2T9125-00250	2T9125-00500	2T9125-01000	2T9125-05000	0.029
3/16"	7x19	3,210	2T9187-00250	2T9187-00500	2T9187-01000	2T9187-05000	0.064
1/4"	7x19	5,600	2T9250-00250	2T9250-00500	2T9250-01000	2T9250-05000	0.110

CLEAR VINYL COATED CABLE

Size	Type	Breaking Strength (Lbs)	Part # 250' Reel	Part # 500' Reel	Part # 1,000' Reel	Part # 5,000' Reel	Wt (Lbs)/Ft
3/32"-1/8"	7x7	920	2V7093-125-00250	2V7093-125-00500	2V7093-125-01000	2V7093-125-05000	0.025
1/8"-3/16"	7x7	1,700	2V7125-316-00250	2V7125-316-00500	2V7125-316-01000	2V7125-316-05000	0.044
3/16"-1/4"	7x19	4,200	2V9187-250-00250	2V9187-250-00500	2V9187-250-01000	2V9187-250-05000	0.088
1/4"-5/16"	7x19	7,000	2V9250-312-00250	2V9250-312-00500	2V9250-312-01000	2V9250-312-05000	0.135

Vinyl coated cable can be used for lock or spring restraint, not appropriate for lift cables, strip vinyl before swaging



HIT Cable & Wire Rope Cutters on pg 56.



TWRC21B



Fehr aluminum sleeves and stops are extruded and heat treated for best cold forming properties. Sleeves/ferrules are hour glass shaped and are used to create loops. When properly crimped they will hold the breaking strength of the cable. Stops or buttons have one side bevelled to facilitate assembly and when properly crimped are designed to hold approximately 1/3-1/2 of a cable's breaking strength.

ALUMINUM SLEEVES

Part #	Size	Bulk	Dealer Pack	Wt (Lbs)/100 Pcs
ASL062	1/16"	1,000	100	0.25
ASL093	3/32"	1,000	100	0.33
ASL125	1/8"	1,000	100	0.63
ASL156	5/32"	1,000	100	0.84
ASL187	3/16"	1,000	100	1.55
ASL250	1/4"	1,000	100	2.53

When properly crimped will hold the rated breaking strength of the cable



ALUMINUM STOPS

Part #	Size	Bulk	Dealer Pack	Wt (Lbs)/100 Pcs
AST062	1/16"	1,000	100	0.12
AST093	3/32"	1,000	100	0.27
AST125	1/8"	1,000	100	0.25
AST156	5/32"	1,000	100	0.44
AST187	3/16"	100	1	0.38
AST250	1/4"	100	1	1.89

Stops are bevelled on one side for ease of assembly



THIMBLES - AN TYPE

Part #	Size	Bulk	Dealer Pack	Wt (Lbs)/Ea
TAN093	3/32", 1/8"	1,000	100	0.005
TAN156	5/32"	1,000	100	0.007
TAN187	3/16"	1,000	100	0.011
TAN250	1/4"	1,000	100	0.018

Also available in standard duty and stainless, call for details



NOTE: Sleeves and stops are also available in Copper, Zinc-plated Copper and S/S.

WIRE ROPE CLIPS - MALLEABLE

Part #	Size	Bulk	Ea	Wt (Lbs)/Ea
WRCG062	1/16"	100	-	0.022
WRCG125	1/8"	100	-	0.036
WRCG187	3/16"	100	-	0.064
WRCG250	1/4"	100	1	0.120
WRCG312	5/16"	100	1	0.140

Saddle is
malleable iron



CABLE ACCESSORIES

Part #	Description	Bulk	Wt (Lbs)/Ea
ADJ	Cable Adjustment Clips	100	0.002
CC1	Keyhole Clip for Mini Milford Pin	100	0.005
SPOOL250	1/4" Cable Spool	100	0.006
SPOOL312	5/16" Bevelled Spool for U-Bolt	100	0.008
SPOOL437	7/16" Cable Spool for Over Roller Shaft	100	0.009

CC1 cable
termination
fits mini
Milford pin



ADJ clip for
extension
cable
adjustment



POLYESTER CORD

Part #	Description	Size	Bulk	Wt (Lbs)/Ea
NR4X1000	#4 Diamond Braid Polyester	1/8"	1,000'	4.5
NR6X1000	#6 Diamond Braid Polyester	3/16"	1000'	11.5





Fehr cable assemblies are fuse cut and machine swaged using aluminum fittings. They are coiled in pairs and color coded. Assemblies with thimbles, CC1 clips, spool eyes and copper fittings are available. Custom assemblies are also available in 304 or 316 stainless.

CABLES FOR 7' HIGH TORSION DOORS

Part #	Size	Type	Length	Loop	Color	Track Radius	Wt/Pr
36601-102	3/32"	7x7	102"	Plain	Red	12"	0.58
36402-102	1/8"	7x7	102"	CC1	-	12"	1.12
36602-102	1/8"	7x7	102"	Plain	Black	12"	1.04
36602-104	1/8"	7x7	104"	Plain	Green	15"	1.08
36612-102	1/8"	7x19	102"	Plain	Red	12"	1.04
36612-104	1/8"	7x19	104"	Plain	Brown	15"	1.08
36612-102S	1/8"	7x19 SSAC	102"	Plain	-	12"	1.04



36602-102

CABLES FOR 8' HIGH TORSION DOORS

Part #	Size	Type	Length	Loop	Color	Track Radius	Wt/Pr
36601-114	3/32"	7x7	114"	Plain	Blue	12"	0.64
36602-114	1/8"	7x7	114"	Plain	Blue	12"	1.16
36612-114	1/8"	7x19	114"	Plain	Blue	12"	1.16
36612-116	1/8"	7x19	116"	Plain	Red	15"	1.18
36702-114	1/8"	7x7	114"	Thimble	-	12"	1.14
36712-114	1/8"	7x19	114"	Thimble	White	12"	1.19



36612-116

CABLES FOR TALLER TORSION DOORS

Part #	Size	Type	Length	Loop	Color	Door Height	Track Radius	Wt/Pr
36602-126	1/8"	7x7	126"	Plain	Black	9'	12"	1.28
36612-126	1/8"	7x19	126"	Plain	Gray	9'	12"	1.28
36602-138	1/8"	7x7	138"	Plain	Yellow	10'	12"	1.42
36612-138	1/8"	7x19	138"	Plain	Black	10'	12"	1.42
36602-151	1/8"	7x7	151"	Plain	-	11'	15"	1.52
36602-162	1/8"	7x7	162"	Plain	Orange	12'	12"	1.64
36612-165	1/8"	7x19	165"	Plain	Orange	12'	15"	1.68



36612-138

CABLES FOR 7' HIGH EXTENSION DOORS

Part #	Size	Type	Length	Loop	Color	Track Radius	Wt/Pr
36001-144	3/32"	7x7	144"	Plain	Blue	12"	0.80
36001-150	3/32"	7x7	150"	Plain	Black	15"	0.84
36002-144	1/8"	7x7	144"	Plain	Red	12"	1.44
36012-144	1/8"	7x19	142"	Plain	Brown	12"	1.44
36013-144	5/32"	7x19	144"	Plain	-	12"	2.24
36412-144	1/8"	7x19	144"	CC1	-	12"	1.68



36001-144

CABLES FOR 8' HIGH EXTENSION DOORS

Part #	Size	Type	Length	Loop	Color	Track Radius	Wt/Pr
36001-156	3/32"	7x7	156"	Plain	Blue	12"	0.88
36002-156	1/8"	7x7	156"	Plain	Yellow	12"	0.81
36012-156	1/8"	7x19	156"	Plain	Gray	12"	1.56
36402-156	1/8"	7x7	156"	CC1	-	12"	1.68
36412-156	1/8"	7x19	156"	CC1	-	12"	1.82
36013-156	5/32"	7x19	144"	Plain	-	12"	2.42



36002-156

CABLES FOR TALLER EXTENSION DOORS

Part #	Size	Type	Length	Loop	Color	Door Height	Track Radius	Wt/Pr
36001-168	3/32"	7x7	168"	Plain	Gray	9'	12"	0.94
36002-168	1/8"	7x7	168"	Plain	Brown	9'	12"	1.68
36012-168	1/8"	7x19	168"	Plain	Green	9'	12"	1.68
36112-168	1/8"	7x19	168"	Thimble	Red	9'	12"	1.74
36402-168	1/8"	7x7	168"	CC1	-	9'	12"	1.82
36412-168	1/8"	7x19	168"	CC1	-	9'	12"	1.96
36113-180	5/32"	7x19	180"	Thimble	-	10'	12"	2.74



36113-180

SPRING RESTRAINT CABLES

Part #	Size	Type	Length	Loop	Color	Door Height	Wt/Pr
36901-120	3/32"	7x7	120"	Plain	Red	7'	0.80
36901-144	3/32"	7x7	144"	Plain	-	7'	0.96
36901-156	3/32"	7x7	156"	Plain	Brown	8'	1.00
36902-120	1/8"	7x7	120"	Plain	Red	7'	0.96
36902-144	1/8"	7x7	144"	Plain	-	7'	0.96
36902-156	1/8"	7x7	156"	Plain	Brown	8'	1.00



36902-120



Fehr fasteners are specified with ease of installation in mind. Wherever possible head sizes are 7/16" washer head minimizing the need to change sockets. Points are sharp and threads are clean. Custom fastener bags are available upon request.

DRILL & TAP SCREWS - (7/16 SERRATED WASHER HEAD)

Size	Part # 2,500 Pc Carton	Part # 1,000 Pc Box	Type	Threads/ Inch	Point	Wt (Lbs)/M
1/4" x 3/4"	C6322-2500	C6322-1000	AB	14	#1 Reduced	14.9
1/4" x 3/4"	C6327-2500	C6327-1000	UNC	20	#1 Reduced	15
1/4" x 1"	C6326-2500	C6326-1000	AB	1/4	#1 Reduced	16.4
1/4" x 1"	C6329-2500	C6329-1000	UNC	20	#1 Reduced	17.5
5/16" x 1"	-	C6332-1000	AB	12	#4 Reduced	22
5/16" x 1-1/4"	-	C6333-1000	AB	12	#4 Reduced	25



C6326



C6329

DEEP INDENTED LAG & SMS SCREWS - (7/16 WASHER HEAD)

Size	Part #	Type	Threads/ Inch	Head	Wt (Lbs)/M
1/4" x 3/4"	C6045-1000	A	10	Indented	18.4
1/4" x 3/4"	C6360-1000	AB	14	Serrated	15.0

Used primarily on wood sections



C6045

HIGH HAT HEX WASHER HEAD LAG SCREWS - (7/16 WASHER HEAD)

Size	Part #	Description	Threads/ Inch	Point	Wt (Lbs)/M
5/16" x 1-5/8"	C6052-1000	Full Thread	10	Type A	37.3
5/16" x 1-3/4"	C6053-1000	Full Thread	10	Type A	37.5
5/16" x 2"	C6055-1000	Full Thread	10	Type A	45.8
5/16" x 2-1/2"	C6059-500	Full Thread	10	Type A	49.3
5/16" x 3"	C6061-500	Full Thread	10	Type A	56.7



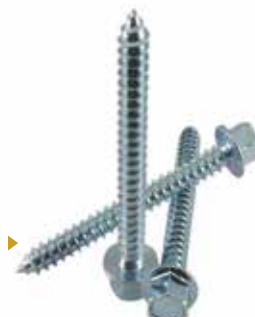
C6360

High Hat heads keep lags in the socket for easier installation



C6053

Use 2-1/2" and 3" lags when increased attachment strength is required



C6061

HEX HEAD TAP BOLTS - (FULLY THREADED)

Size	Part #	Type	Threads/ Inch	Head	Wt (Lbs)/M
1/4"-20 x 3/4"	C6102-1000	UNC	20	7/16"	14.7
1/4"-20 x 1"	C6104-1000	UNC	20	7/16"	17.8
5/16"-18 x 3/4"	C6112-1000	UNC	18	1/2"	24.4
5/16"-18 x 1"	C6114-1000	UNC	18	1/2"	27.6
3/8"-16 x 3/4"	C6122-1000	UNC	16	9/16"	35.3
3/8"-16 x 1-1/2"	C6128-500	UNC	16	9/16"	56.0

Full threaded,
zinc plated



C6114

CARRIAGE BOLTS - (FULLY THREADED)

Size	Part #	Type	Threads/ Inch	Head	Wt (Lbs)/M
1/4"-20 x 1-3/4"	C6072-1000	UNC	20	Flat	24.0
1/4"-20 x 1-7/8"	C6073-1000	UNC	20	Flat	25.0
1/4"-20 x 2-1/4"	C6076-1000	UNC	20	Flat	29.0
1/4"-20 x 2-1/2"	C6078-1000	UNC	20	Flat	31.5
1/4"-20 x 1-3/4"	C6093-1000	UNC	20	Round	25.0
5/16"-18 x 3/4"	C6095-1000	UNC	18	Round	24.2

Flat and round
head styles
for through
bolting on
wood sections



C6073

Special short
shoulder
carriage bolt



C6095

SLOTTED TRACK BOLTS - (RIB-NECK)

Size	Part #	Type	Threads/ Inch	Head	Wt (Lbs)/M
1/4"-20 x 5/8"	C6142-1000	UNC	20	Pan	9.0
1/4"-20 x 1"	C6146-1000	UNC	20	Pan	13.9

Short shoulder
rib-neck with
low profile pan
head



C6142

FLAT WASHERS

Size	Part #	Type	Wt (Lbs)/M
5/16"	C6213-1000	USS	11.60
3/8"	C6214-1000	USS	12.80

Zinc plated



C6214

FINISHED HEX NUTS

Size	Part #	Type	Threads/ Inch	Across Flats	Wt (Lbs)/M
1/4"-20	C6160-1000	UNC	20	7/16"	6.97
5/16"-18	C6163-1000	UNC	18	1/2"	10.6
3/8"-16	C6165-1000	UNC	16	9/16"	15.6

Grade 2,
zinc plated



C6160

KEP NUTS

Size	Part #	Type	Threads/ Inch	Across Flats	Wt (Lbs)/M
1/4"-20	C6201-1000	UNC	20	7/16"	6.80
5/16"-18	C6203-1000	UNC	18	1/2"	11.60

Toothed
lock washer
attached



C6203

SERRATED FLANGE NUTS

Size	Part #	Type	Threads/ Inch	Across Flats	Wt (Lbs)/M
1/4"-20	C6211-1000	UNC	20	7/16"	8.45
5/16"-18	C6215-1000	UNC	18	1/2"	12.70
3/8"-16	C6216-1000	UNC	16	9/16"	18.50

Eliminates
need for
separate lock
washer



C6211

SLEEVE ANCHORS

Size	Part #	Length	Pack	Wt (Lbs)/Ctn
5/16"	C1405-100	1-1/2"	100	6.97
5/16"	C09407-100	2-1/2"	100	5.7
3/8"	C09431-50	1-7/8"	50	4.0
3/8"	C1433-50	3"	50	4.8
1/2"	C09442-25	2-1/4"	25	3.1
1/2"	C09446-25	4"	25	5.2
5/8"	C09455-10	4-1/4"	10	3.9



C1405

WEDGE ANCHORS

Size	Part #	Length	Pack	Wt (Lbs)/Ctn
3/8"	C1031-100	2-1/8"	100	8.6
5/8"	C09056-25	6"	25	13.25

Anchors are
typically used
to attach track
hardware
to concrete



C1031

HAMMER ANCHORS

Size	Part #	Length	Pack	Wt (Lbs)/Ctn
3/16"	C09704-100	7/8"	100	1.3
1/4"	C09716-100	1-1/4"	100	2.4



C09704

MAZE NAILS - (DOUBLE HOT DIP, 1 LB BOX)*

Part # Smooth	Part # Ring Shank	Color	Wt (Lbs)/Ctn
WSNAIL-MS-W-1	WSNAIL-MR-W-1	White	1
WSNAIL-MS-A-1	WSNAIL-MR-A-1	Almond	1
WSNAIL-MS-B-1	WSNAIL-MR-B-1	Brown	1
WSNAIL-MS-S-1	WSNAIL-MR-S-1	Sandstone	1
WSNAIL-MS-WK-1	WSNAIL-MR-WK-1	Wicker	1

Convenient 1
Lb packages

**MAZE NAILS - (DOUBLE HOT DIP, 5 LB BOX)***

Part # Smooth	Part # Ring Shank	Color	Wt (Lbs)/Ctn
WSNAIL-MS-W	WSNAIL-MR-W	White	5
WSNAIL-MS-A	WSNAIL-MR-A	Almond	5
WSNAIL-MS-B	WSNAIL-MR-B	Brown	5
WSNAIL-MS-S	WSNAIL-MR-S	Sandstone	5

Ring shank
are 1-7/16",
smooth shank
1-1/2"

**MAZE NAILS - (DOUBLE HOT DIP, 50 LB BOX)***

Part # Smooth	Part # Ring Shank	Color	Wt (Lbs)/Ctn
WSNAIL-MS-W-50	WSNAIL-MR-W-50	White	50
WSNAIL-MS-A-50	WSNAIL-MR-A-50	Almond	50
WSNAIL-MS-B-50	WSNAIL-MR-B-50	Brown	50
WSNAIL-MS-S-50	WSNAIL-MR-S-50	Sandstone	50

MAZE NAILS - (RING SHANK IN COILS)

Part #	Color	Length	Coils/Ctn	Nails/Ctn
WSNAIL-MRC-W	White	1-1/2"	16	3,200
WSNAIL-MRC-A	Almond	1-1/2"	16	3,200
WSNAIL-MRC-B	Brown	1-1/2"	16	3,200
WSNAIL-MRC-S	Sandstone	1-1/2"	16	3,200

**ALUMINUM NAILS - (TEMPERED ALLOY)**

Part #	Color	Wt (Lbs)/Ctn
WSNAIL-W	White	1
WSNAIL-A	Almond	1
WSNAIL-B	Brown	1
WSNAIL-S	Sandstone	1

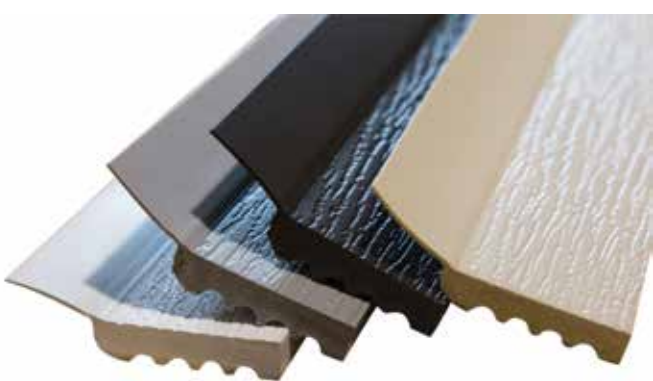
1 Lb package
approximately
980 Pcs



*Additional colors are available.
Call 800.431.3095 for details.



ROYAL UNIFLEX™ GARAGE DOOR THERMOSTOP®



THE INDUSTRY'S MOST ADVANCED GARAGE DOOR STOP. SUPERIOR DESIGN AND QUALITY PROVIDES ENHANCED PERFORMANCE AND EASE OF INSTALLATION. ITS DESIGN ELIMINATES FLEX DISTORTION DURING SHIPMENT AND STORAGE.

- Flex mount design delivers the combined benefits of both side and top flex profiles.
- Flex is attached to both top and side surfaces increasing adhesion by 75%.
- Angled corner allows stacking without flex deformation, improving both packaging and storage.
- Packaging is designed to prevent product spill.

75% increased flex adhesion



UNIFLEX™ - (01 BRIGHT WHITE P78)*

Size	Part # Undrilled	Part # Predrilled	Pcs/Ctn	Wt (lbs)/Ctn
7'	WS214901-07W	WS214901-07WP	15	23.60
8'	WS214901-08W	WS214901-08WP	15	26.97
9'	WS214901-09W	WS214901-09WP	15	30.34
10'	WS214901-10W	WS214901-10WP	15	33.72
12'	WS214901-12W	WS214901-12WP	15	40.46
14'	WS214901-14W	WS214901-14WP	15	47.20
16'	WS214901-16W	WS214901-16WP	15	53.95
18'	WS214901-18W	WS214901-18WP	15	60.69

* Chart on left shows part numbers for 01 Bright White (P78). Use as a guide to format all part numbers.

WS214901-07WP

The 7th and 8th characters of our code designate the color, 01 = Bright White (P78). Use the color chart on the next page to see the complete list of color codes.

Characters 10 and 11 designate the length, 07 = 7 Feet.



ROYAL UNIFLEX™ COLOR PALETTE

ROYAL UNIFLEX™ Garage Door Thermostop® is available in 32 colors. Predrilling and packaging options are available to meet specific needs.

01 BRIGHT WHITE (P78)	02 ALMOND (P48)	03 SANDSTONE (P408)	04 DARK BROWN (P5)	05 HUNTER GREEN (P501)	06 GRAY (P509)	07 WICKER (P443)
08 DESERT TAN (P574)	09 BRONZE (P401)	10 LIGHT ALMOND (P547)	11 CHOC BROWN (P446)	12 WHITE (P44)	13 RED BROWN (P31)	14 CHESTNUT BRN (P72)
15 MEDIUM OAK (P599)	16 DARK OAK (P603)	17 MAHOGANY RSR* (P604)	18 WALNUT RSR* (P615)	19 GLACIER WHITE (P626)	20 TERRA BRONZE (P607)	21 CHERRY RSR* (P620)
22 SILVER GRAY (P434)	23 CLAY/TAUPE (P477)	24 CREAM (P633)	25 COFFEE RSR* (P628)	26 MOCHA BROWN RSR* (P627)	27 BLACK (P637)	28 DARK OAK RSR* (P631)
29 DARK BROWN RSR* (P637)	30 CHOC BROWN RSR* (P630)	31 DL BROWN (P613)	32 SOFT BLACK RSR* (P641)			

* RSR ROYAL SOLAR REFLECTIVE™ colors have specialized pigment formulations and high performance heat modifiers to achieve improved performance.

- Sixteen stock colors: P44 WHITE, P48 ALMOND, P78 BRT WHITE, P5 DARK BROWN, P408 SANTONE, P509 GRAY, P501 HUNTER GREEN, P607 BRONZE, P574 DESERT TAN, P446 CHOCOLATE BROWN, P599 MED. OAK, P603 DARK OAK, P443 WICKER, P615 WALNUT P547 LIGHT ALMOND AND P637 BLACK.
- Sixteen custom order colors. Minimum order quantities apply.
- Predrill available by special order.
- Call 800.431.3095 for upgraded packing and custom color stocking options.



ROYAL UNIFLEX™ WIDE STOP - (3-1/4" NEW PROFILE)

Part #	Color #	Width	Flex	Pcs/Ctn	Wt (Lbs)/Ctn
WS2591N-16W	01 Bright White (P78)	3-1/4"	1-1/4"	10	69.5
WS2591N-16A	02 Almond (P48)	3-1/4"	1-1/4"	10	69.5
WS2591N-16S	03 Sandstone (P408)	3-1/4"	1-1/4"	10	69.5
WS2591N-16B	04 Dark Brown (P5)	3-1/4"	1-1/4"	10	69.5

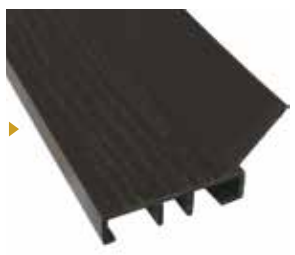


Fehr stocks many styles and lengths of Advanced Plastic Corp. products. Those that we do not stock are available as factory direct. Call 800.431.3095 for details.

RIDGID DOOR STOP - (DS-200 HOLLOW BACK)

Part #	Color	Width	Flex	Pcs/Ctn	Ft/Ctn	Wt (Lbs)/Ctn
DS200-16W	White	2"	1"	15	240	54
DS200-16A	Almond	2"	1"	15	240	54
DS200-16B	Brown	2"	1"	15	240	54
DS200-16S	Sandstone	2"	1"	15	240	54
DS200-16GN	Green	2"	1"	15	240	54
DS200-16GY	Gray	2"	1"	15	240	54
DS200-16DT	Desert Tan	2"	1"	15	240	54
DS200-16BL	Black	2"	1"	15	240	54
DS200-16AS	Adobe Stone	2"	1"	15	240	54
DS200-16CB	Choc Brown	2"	1"	15	240	54

Factory direct in lengths from 7'-18'



RIDGID DOOR STOP - (DS-258 HOLLOW BACK)

Part #	Color	Width	Flex	Pcs/Ctn	Ft/Ctn	Wt (Lbs)/Ctn
DS258-16W	White	2-5/8"	1"	15	240	65
DS258-16A	Almond	2-5/8"	1"	15	240	65
DS258-16B	Brown	2-5/8"	1"	15	240	65
DS258-16S	Sandstone	2-5/8"	1"	15	240	65
DS258-16GN	Green	2-5/8"	1"	15	240	65
DS258-16GY	Gray	2-5/8"	1"	15	240	65
DS258-16DT	Desert Tan	2-5/8"	1"	15	240	65
DS258-16BL	Black	2-5/8"	1"	15	240	65

Factory direct in lengths from 7'-18'



STUCCO JAMB SEAL - (RS 175)

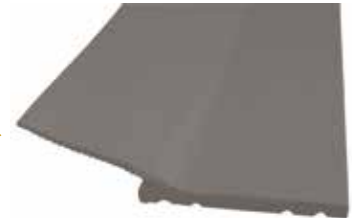
Part #	Color	Flex	Ft/Ctn	Wt (Lbs)/Ctn
RS175-W	White	1-3/4"	300'	37
RS175-A	Almond	1-3/4"	300'	37
RS175-S	Sandstone	1-3/4"	300'	37
RS175-B	Brown	1-3/4"	300'	37
RS175-BL	Black	1-3/4"	300'	37
RS175-GY	Gray	1-3/4"	300'	37

Can be installed
with flex visible
or behind jamb

**ROLLED DOOR STOP - (RS 200)**

Part #	Color	Flex	Ft/Ctn	Wt (Lbs)/Ctn
RDS-200-W	White	1-1/4"	150'	40
RDS-200-A	Almond	1-1/4"	150'	40
RDS-200-S	Sandstone	1-1/4"	150'	40
RDS-200-B	Brown	1-1/4"	150'	40
RDS-200-BL	Black	1-1/4"	150'	40
RDS-200-GY	Gray	1-1/4"	150'	40
RDS-200-GN	Green	1-1/4"	150'	40
RDS-200-DT	Desert Tan	1-1/4"	150'	40

Easy to install
on straight,
gothic and
arched
openings

**REVERSE ANGLE SEAL - (JS-02)**

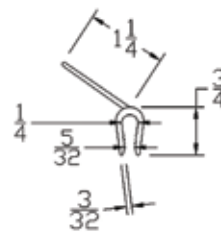
Part #	Color	Flex	Ft/Ctn	Wt (Lbs)/Ctn
REVANGLE-W	White	1-1/4"	200'	22
REVANGLE-A	Almond	1-1/4"	200'	22
REVANGLE-B	Brown	1-1/4"	200'	22
REVANGLE-BL	Black	1-1/4"	200'	22
REVANGLE-G	Gray	1-1/4"	200'	22
REVANGLE-S	Sandstone	1-1/4"	200'	22

Available in six
popular colors,
clips directly
to angle

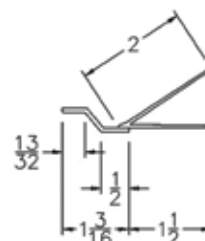


ROLLING STEEL GUIDE SEAL

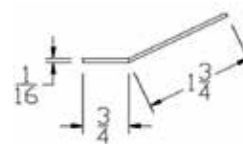
Part #	Color	Length	Guide Thickness	Pcs/Ctn	Wt (Lbs)/Ctn
GS20-09	Gray	9'-6"	1/8"	25	30.9
GS20-16	Gray	16'-6"	1/8"	25	53.8
GS38-14.5	Gray	14'-6"	1/4"	20	46.5
GS38-16.5	Gray	16'-6"	1/4"	20	52.8



GS20



TS14



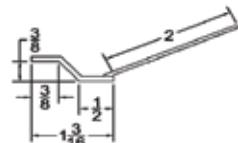
TS15

TOP SEAL

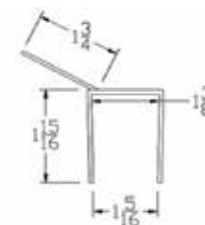
Part #	Color	Flex	Ft/Ctn	Wt (Lbs)/Ctn
TS14	Black	2" and 1-1/2"	300'	51
TS15	Black	1-3/4"	200'	20
TS200	Black	2"	300'	15
TS300	Black	3"	100'	17

TOP CAP SEAL

Part #	Color	Length	Flex	Pcs/Ctn	Wt (Lbs)/Ctn
TC138-09	Black	9'	1-3/4"	12	39
TC138-16	Black	16'	1-3/4"	12	54
TC200-09	Black	9'	2"	8	23.4
TC200-16	Black	16'	3"	8	41.6



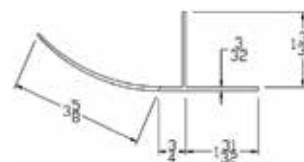
TS200



TC138

HEADER & HOOD BAFFLES - GRAY

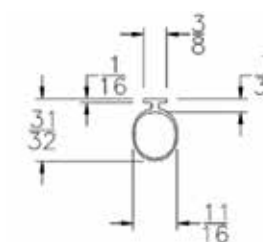
Part #	Description	Pcs/Ctn	Ft/Ctn	Wt (Lbs)/Ctn
HS-22S-48	Rolling Steel Header	6	48'	20.8
HS-22S-96	Rolling Steel Header	6	96'	41.6
HS-62S-75	Rolling Steel Header	1	75'	31.5
HB-12	Hood Baffle	1	150'	48



HS-22S

T MINI WAREHOUSE BOTTOM BULB - 3/8"

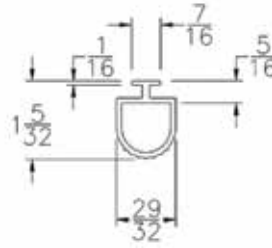
Part #	Color	T-Width	Ft/Ctn	Wt (Lbs)/Ctn
MW-375	Gray	3/8"	200'	18



MW-375

T MINI WAREHOUSE BOTTOM BULB - 7/16

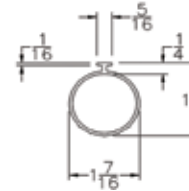
Part #	Color	T-Width	Ft/Ctn	Wt (Lbs)/Ctn
WD-716	Gray	7/16"	150'	23



WD-716

T-BULB BOTTOM SEAL

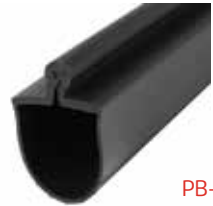
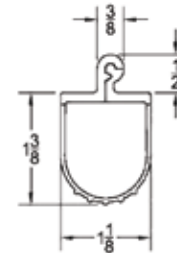
Part #	Color	Width	Ft/Ctn	Wt (Lbs)/Ctn
TB-050	Gray	1/2"	100'	14
TB-100	Gray	1"	100'	38
TB-150	Gray	1-1/2"	150'	52



TB-150

P-BULB BOTTOM SEAL FOR WINDSOR

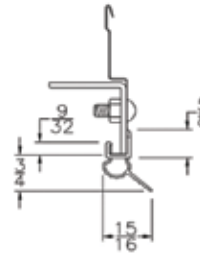
Part #	Color	Width	Ft/Ctn	Wt (Lbs)/Ctn
PB-100	Black	1-1/8"	200	47



PB-100

SNAP-ON MINI WAREHOUSE BOTTOM SEAL

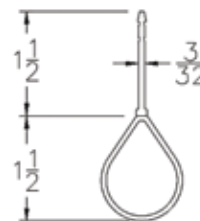
Part #	Color	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
SNP-001-04	Gray	15/16"	4'	20	9
SNP-001-09	Gray	15/16"	9'	20	21



SNP-001

ROLLING STEEL BOTTOM SEAL

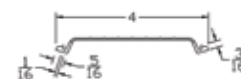
Part #	Color	Width	Ft/Ctn	Wt (Lbs)/Ctn
RB21F-BL	Black	1-1/2"	150'	36
RB21F-GY	Gray	1-1/2"	150'	36
RB21F-YEL	Yellow	1-1/2"	150'	36



RB21F-YEL

"O" BOTTOM SEAL

Part #	Color	Width	Ft/Ctn	Wt (Lbs)/Ctn
CLO400-125	Black	4"	125	22.5

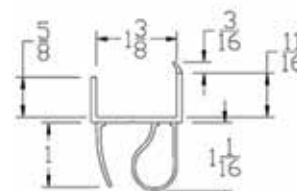


CLO400-125

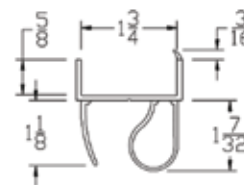
TRIPLE CONTACT BOTTOM SEAL - BLACK

Part #	Model #	Style	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
WS138-09	CP-05	Std	1-3/8"	9'	12	29
WS138-16	CP-05	Std	1-3/8"	16'	12	51
WS138-18	CP-05	Std	1-3/8"	18'	12	57
WS150-09	CP-150	Std	1-1/2"	9'	12	69
WS150-16	CP-150	Std	1-1/2"	16'	12	58
WS158-09	CP-158	Std	1-5/8"	9'	12	61
WS158-16	CP-158	Std	1-5/8"	16'	12	27
WS175-09	CP-06	Std	1-3/4"	9'	12	31
WS175-16	CP-06	Std	1-3/4"	16'	12	33
WS200-09	CP-10	Std	2"	9'	8	27
WS200-16	CP-10	Std	2"	16'	8	47

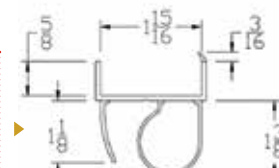
Also available
in shiplit
and tongue &
groove models



CP-05



CP-06



CP-10

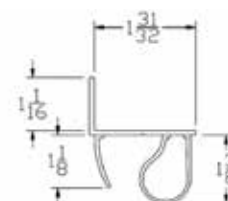
All CP models
are available in
8', 9', 10', 12', 14',
and 16' lengths

TRIPLE CONTACT OPEN FACE BOTTOM SEAL - BLACK

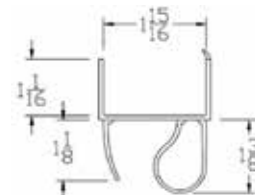
Part #	Model #	Style	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
WS138OFB-8	CP-138OFB	Open Face	1-3/8"	8'	15	32
WS138OFB-16	CP-138OFB	Open Face	1-3/8"	16'	15	60
WS200OFB-9.2	CP-07OF	Open Face	2"	9'-2"	10	29
WS200OFB-16.2	CP-07OF	Open Face	2"	16'-2"	10	52

TRIPLE CONTACT LONG LEG BOTTOM SEAL - BLACK

Part #	Model #	Style	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
WS200-LL-9.2	CP-07	Long Leg	2"	9'-2"	6	19
WS200-LL-16.2	CP-07	Long Leg	2"	16'-2"	6	38



CP-07OF



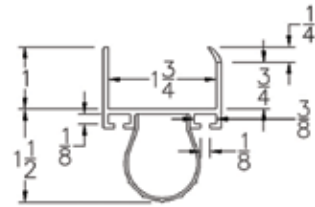
CP-07

NOTE: Additional lengths of most styles
are available. Call 800.431.3095 for details.

DOUBLE ASTRAGAL BOTTOM SEAL - BLACK

Part #	Model #	Style	Width	Length	Pcs/Ctn	Wt (lbs)/Ctn
AR-138-09	AR-138	Std	1-3/8"	9'	8	23
AR-138-16	AR-138	Std	1-3/8"	16'	8	41
AR-175-09	AR-175	Std	1-3/4"	9'	8	26
AR-175-16	AR-175	Std	1-3/4"	16'	8	53
AR-02-09	AR-02	Std	2"	9'	6	17
AR-02-16	AR-02	Std	2"	16'	6	35
AR-03-09	AR-03	Std	3"	9'	8	27
AR-03-16	AR-03	Std	3"	16'	8	47

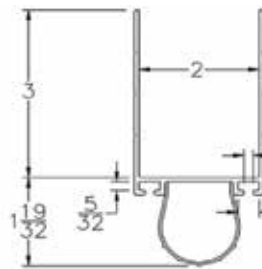
AR175 and AR200
are shown with
FR-375 installed
(sold separately)



AR-175

DOUBLE ASTRAGAL LONG LEG BOTTOM SEAL - BLACK

Part #	Model #	Style	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
ARL138-09	ARL-138	Long Leg	1-3/8"	9'	6	27
ARL138-16	ARL-138	Long Leg	1-3/8"	16'	6	60
ARL200-09	ARL-200	Long Leg	2"	9'	4	24
ARL200-16	ARL-200	Long Leg	2"	16'	4	43

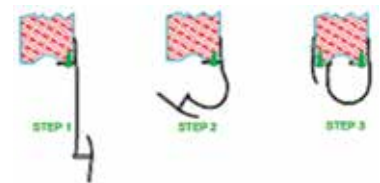
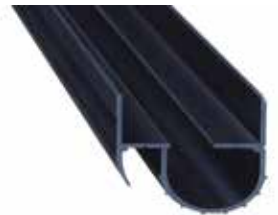


ARL200

UNISIZE BOTTOM SEAL - BLACK

Part #	Model #	Style	Width	Length	Pcs/ Ctn	Wt (Lbs)/ Ctn
UNI-100-8	UNI-100	Std	3/4-2"	8'	15	32
UNI-100-9	UNI-100	Std	3/4-2"	9'	15	36
UNI-100-10	UNI-100	Std	3/4-2"	10'	15	40
UNI-100-12	UNI-100	Std	3/4-2"	12'	15	44
UNI-100-14	UNI-100	Std	3/4-2"	14'	15	46
UNI-100-16	UNI-100	Std	3/4-2"	16'	15	64

Designed to
fit a variety
of door
thicknesses



UNI-100

UNISIZE OPEN FACE BOTTOM SEAL - BLACK

Part #	Model #	Style	Width	Length	Pcs/ Ctn	Wt (Lbs)/ Ctn
UNI-100-16.20F	UNI-100 OF	Open Face	3/4-2"	16'-2"	15	17
UNI-100-18.20F	UNI-100 OF	Open Face	3/4-2"	18'-2"	15	35
UNI-300-16.20F	UNI-300 OF	Open Face	2"-3-1/2"	16'-2"	15	24
UNI-300-18.20F	UNI-300 OF	Open Face	2"-3-1/2"	18'-2"	15	43



UNI-100 OF

ASTRAGAL

Part #	Description	Color	Width	Ft/Ctn	Wt (Lbs)/Ctn
WD325X400	Resi. T-Astragal	Black	3-1/4"	400'	50
FR-375	T-Astragal	Black	3-3/4"	400'	51
FR-375GY	T-Astragal	Gray	3-3/4"	400'	51
FR-475	T-Astragal	Black	4-3/4"	200'	32
FR-600	T-Astragal	Black	3"	200'	40
FRB-300	Bead Astragal	Black	3"	500'	69
FRB-400	Bead Astragal	Black	4"	400'	58
FRB-600	Bead Astragal	Black	6"	300'	61
FRX-375	X-Treme Temp T	Black	3-3/4"	200'	27
FRX-475	X-Treme Temp T	Black	4-3/4"	200'	31
FRX-600	X-Treme Temp T	Black	6"	200'	33

T-Style bottom
astragal is
available in
standard and
X-Treme flexible
to -50°



Bead style
astragal for
retainers with
round slots



RETAINERS - BLACK

Part #	Model #	Style	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
UR138-09	UR-138	Universal	1-3/8"	9'	25	31
UR138-16	UR-138	Universal	1-3/8"	16'	25	55
UR175-09	UR-175	Universal	1-3/4"	9'	20	28
UR175-16	UR-175	Universal	1-3/4"	16'	20	53.5
UR200-16	UR-200	Universal	1-3/4"	16'-2"	15	58
URS-100-09	URS-100	Universal	1"	9'	25	30
URF138-16	URF-138	Astragal	1-3/8"	16'	30	49
URF150-16	URF-150	Astragal	1-1/2"	16'	30	53
URF175-16	URF-175	Astragal	1-3/4"	16'	30	54
URF200-16	URF-200	Astragal	2"	16'-2"	25	56

UR Universal
retainer is shown
with FR-375
installed
(sold separately)



URF retainers
are available in
8', 9', 10', 12', 16'
and 18' lengths



EPDM BOTTOM SEAL

Part #	Color	Width	Ft/Ctn	Wt (Lbs)/Ctn
WS-BOTSEAL	Black	1-3/8"	300'	20.5
WS-HARD-BOTSEAL	Black	1-3/8"	100'	27
WS-HARDBOTSEAL-1.75	Black	1-3/4"	100'	31

EDPM hard and soft styles may be used on wood sections



WS-BOTSEAL

THRESHOLD

Part #	Color	Width	Ft/Ctn	Tubes of Adhesive	Wt (Lbs)/Ctn
WS-THRESH-100	Black	3"	100'	10	51.5
WS-THRESH-100GY	Gray	3"	100'	10	51.5
WS-THRESH-10	Black	3"	10'	1	5.2
WS-THRESH-16	Black	3"	16'	2	8.3
WS-ADHESIVE	Clear	-	10.2 Oz	12	7.7

All kits include appropriate amount of adhesive



WS-THRESH-100

RODENT CONTROL - XCLUDER

Part #	Description	Style	Width	Length	Pcs/Ctn	Wt (Lbs)/Ctn
XC-162706	Fill Fabric	-	4"	10'	1	2
XC-162707	Fill Fabric	-	4"	10'	5	6.5
XC-162731	Fill Fabric	Kit	4"	10'	1	2.2
XC-162600	Door Sweep	Residential	2"	36"	1	0.9
XC-162602	Door Sweep	Commercial	2"	36"	1	1.1
XC-162940	Shields	Stainless	1"	8"	2	0.1

Residential and commercial sweeps include aluminum retainer and hardware



XC-162600

Shields are adhesive backed and are applied to inside of flex



XC-162940

Kit includes shears and gloves



XC-162731

Installed in FR-375 "T" Style Bottomseal



XC-162707



Standard duty brush seals are the perfect seal for all sectional, rolling steel, and other service doors. Sealeze "D" series is synonymous with quality, energy-saving and value. Comes in brush lengths of 1" to 3". Available in standard lengths from 5'-10', slotted or un-slotted.

SEALEZE STANDARD DUTY - 1.102" - 180° HOLDER

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/ Ea
D480CLA09BL-07	0.94"	1.102"-180°	Clear	7'	1.65
D480CLA12BL-07	1.19"	1.102"-180°	Clear	7'	1.67
D480CLA16BL-07	1.61"	1.102"-180°	Clear	7'	1.70
D480CLA20BL-07	2.0"	1.102"-180°	Clear	7'	2.2
D480CLA30BL-07	3.0"	1.102"-180°	Clear	7'	2.6

SEALEZE STANDARD DUTY - 1.891" - 180° HOLDER

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/ Ea
D482CLA09BL-07	0.94"	1.891"-180°	Clear	7'	1.65
D482CLA12BL-07	1.19"	1.891"-180°	Clear	7'	1.67
D482CLA16BL-07	1.61"	1.891"-180°	Clear	7'	1.70
D482CLA20BL-07	2.0"	1.891"-180°	Clear	7'	2.2
D482CLA30BL-07	3.0"	1.891"-180°	Clear	7'	2.6

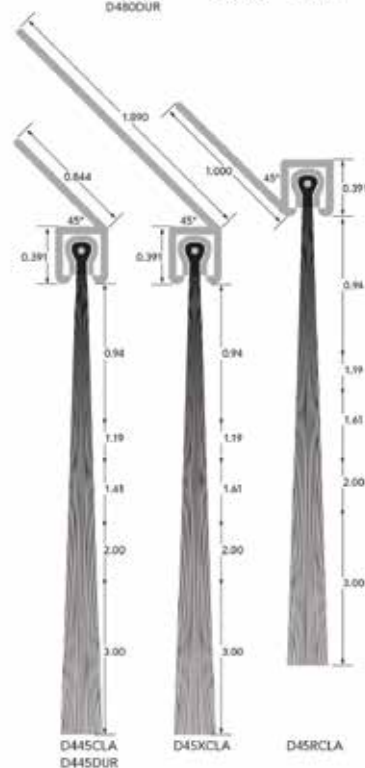
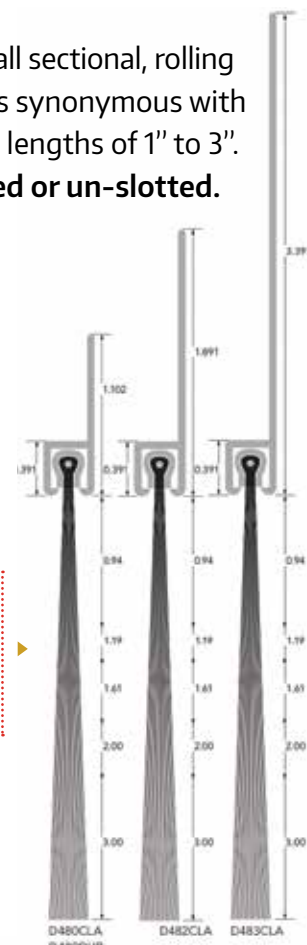
SEALEZE STANDARD DUTY - 3.391" - 180° HOLDER

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/ Ea
D483CLA09BL-07	0.94"	3.391"-180°	Clear	7'	1.65
D483CLA12BL-07	1.19"	3.391"-180°	Clear	7'	1.67
D483CLA16BL-07	1.61"	3.391"-180°	Clear	7'	1.70
D483CLA20BL-07	2.0"	3.391"-180°	Clear	7'	2.2
D483CLA30BL-07	3.0"	3.391"-180°	Clear	7'	2.6

SEALEZE STANDARD DUTY - 0.844" - 45° HOLDER

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/ Ea
D445CLA09BL-07	0.94"	0.844"-45°	Clear	7'	1.75
D445CLA12BL-07	1.19"	0.844"-45°	Clear	7'	1.82
D445CLA16BL-07	1.61"	0.844"-45°	Clear	7'	1.96
D445CLA20BL-07	2.0"	0.844"-45°	Clear	7'	2.03
D445CLA30BL-07	3.0"	0.844"-45°	Clear	7'	2.31

Comes in brush lengths of 1"-3"



SEALEZE HEAVY DUTY - 1.312"- 180° HOLDER

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/Ea
G680CLA18BL-08	1.75"	1.312"-180°	Clear	8'	3.92
G680CLA25BL-08	2.53"	1.312"-180°	Clear	8'	4.32
G680CLA30BL-08	3.00"	1.312"-180°	Clear	8'	4.56
G680CLA40BL-08	4.00"	1.312"-180°	Clear	8'	5.36
G680CLA50BL-08	5.00"	1.312"-180°	Clear	8'	6.16

UL rating on
all brushes up
to 4"

**SEALEZE HEAVY DUTY - 2.00"- 180° HOLDER**

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/Ea
G682CLA18BL-08	1.75"	2.00"-180°	Clear	8'	4.48
G682CLA25BL-08	2.53"	2.00"-180°	Clear	8'	4.88
G682CLA30BL-08	3.00"	2.00"-180°	Clear	8'	5.20
G682CLA40BL-08	4.00"	2.00"-180°	Clear	8'	6.00
G682CLA50BL-08	5.00"	2.00"-180°	Clear	8'	6.80

SEALEZE HEAVY DUTY - 5.47"- 180° HOLDER

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/Ea
G685CLA18BL-08	1.75"	5.47"-180°	Clear	8'	7.04
G685CLA25BL-08	2.53"	5.47"-180°	Clear	8'	7.44
G685CLA30BL-08	3.00"	5.47"-180°	Clear	8'	7.68
G685CLA40BL-08	4.00"	5.47"-180°	Clear	8'	8.48
G685CLA50BL-08	5.00"	5.47"-180°	Clear	8'	9.28

180° offset
holder

**SEALEZE HEAVY DUTY - 1.935"- 180° OFFSET HOLDER**

Part #	Brush Size	Holder Size & Flange Angle	Holder Finish	Length	Wt (Lbs)/Ea
G682FCLA18BL-08	1.75"	1.935"-180°	Clear	8'	4.23
G682FCLA25BL-08	2.53"	1.935"-180°	Clear	8'	4.63
G682FCLA30BL-08	3.00"	1.935"-180°	Clear	8'	4.95
G682FCLA40BL-08	4.00"	1.935"-180°	Clear	8'	5.75
G682FCLA50BL-08	5.00"	1.935"-180°	Clear	8'	6.55

G682FCLA

Technical drawings of three window profiles:

- 1W+ vinyl:** Shows a cross-section and a side view. The side view shows a height of 1.375.
- C36SCLA:** Shows a cross-section with a height of 1.81 and a width of 0.313. It features a 45-degree angle and a drainage channel.
- C38SCLA:** Shows a cross-section with a height of 1.81 and a width of 0.313. It features a drainage channel.

[illegible]

FEHR BROS. INDUSTRIES, INC.

RONAN WEATHERSEAL CUTTERS

Part #	Description	Jaw Length	Wt (Lbs)/Ea
RON401	RONAN Handi-Cut	3-7/8"	1.33
RON330	RONAN 3-in-1 Cutter	2-1/2"	1.36

RON401 is ideal for 2" weatherseal, cuts through body and flex with one cut



RON401

RONAN ACCESSORIES

Part #	Description	Quantity	Wt (Lbs)/Ea
RON40178	Replacement Blades for 401	3	0.10
RON40278	Stainless Blades for 401	3	0.17
RON30178	Replacement Blades for 330	3	0.10
RON601	RONAN Tool Sheath	1	0.32



RON40278



RON40178



RON30178

Has retractable anvil converting tool to utility knife



RON330

UL APPROVED EXTENSION CORDS

Part #	Description	Length	Gauge	Pack	Wt (Lbs)/Ea
ELC14-3X003	Extension Cord	3'	14	1	0.37
ELC14-3X006	Extension Cord	6'	14	1	0.70
ELC16-3X025	Extension Cord	25'	16	1	1.83



RON601



ELC14-3X006



ELC16-3X025



FEHR GARAGE DOOR LUBRICANTS



DOOR INSTALLERS HAVE TRUSTED FEHR FOR OVER 35 YEARS TO PROVIDE THE BEST LUBRICANTS DEVELOPED SPECIFICALLY FOR THE DOOR INDUSTRY. THE NEWEST MEMBERS TO THE LINE-UP INCLUDE HIGH PURITY FOOD GRADE GREASE, FOOD GRADE DRY SILICONE SPRAY AND PTFE ULTRA LUBE.

L6980	L6970	L6950	L6940	L6960	L6930
• Dry Silicone Spray	• Multi-Purpose Lubricant	• Methylene Chloride Free Lubricant	• High Purity Food Grade Grease	• PTFE Multi-Purpose Lube	• Penetrating Oil
- Lubricates - Waterproofs - Colorless and odorless - Repels dirt and grime - No sticky residue	- Sprays on like foam - Sets up to a tough protective grease in minutes - Ideal for hard to reach areas	- Sprays on like foam - Sets up to a tough protective grease in minutes - Ideal for hard to reach areas	- Food grade lubricant - Excellent for high load applications requiring a long grease life	- Sprays on like oil - Sets up to a thick grease - High pressure spray for hard to reach areas - PTFE remains on surface	- Penetrant - Lubricates - Prevents corrosion - Frees frozen parts
-35° to 550 ° F 50 State VOC compliant - NSF H1 Food Grade	- Bentone based 0 to 300 ° F - Not for use in California	- Lithium based 0 to 350 ° F 50 State VOC compliant	- Calcium sulfonate -40° to 550 ° F 50 State VOC compliant - NSF H1 Food Grade	- PTFE -30° to 600 ° F - Non-Chlorinated 50 State VOC compliant	- Mineral oil 0 to 300 ° F 50 State VOC compliant
	• Available as private label	• Available as private label	• Available in spray, cartridge and pail	• Available as private label	• Available as private label

Private Labelling Program:

- Available on all Fehr Lubricants except those that require NSF certification
- 26 case minimum
- No charge for Artwork
- Send art as PDF or JPEG

FEHR LUBRICANTS

Part #	Description	Net Wt /Oz	Cans/Cs	Color	Wt (Lbs)/Cs
L6970	Multi-Purpose Spray Lube	16	12	Blue	16.0
L6950	Methylene Free Spray Lube	15	12	Green	14.5
L6960	PTFE Lube	14	12	Blue/Silver	16.2
L6940	NSF Food Grade White Spray	11	12	Orange	11.0
L6940T	NSF Food Grade Cartridge	14.5	10	Orange	9.0
L6980	NSF Food Grade Dry Silicone	11.5	12	Purple	12.4
L6930	Penetrating Oil	15	12	Red	15.3

SLIPIT

Part #	Description	Net Wt /Oz	Cans/Cs	Wt (Lbs)/Cs
SLIPIT-SPRAY	SLIPIT Spray Lube	11	12	12.0
SLIPIT-Q	SLIPIT Sliding Compound Quart	-	12	27.0
SLIPIT-G	SLIPIT Sliding Compound Gallon	-	4	33.2
SLIPIT-5G	SLIPIT Sliding Compound 5 Gal	-	1	39.2

Paraffin based with silicone, non-toxic FDA & USDA approved



LUBRIPLATE

Part #	Description	Net Wt /Oz	Tubes/Cs	Wt (Lbs)/Cs
LP-LT	Low Temp Lithium Grease	10	24	19.2
LP-AERO	Aero Grade Grease	1-3/4	24	3.1

Fehr Towels are also available as private label



HAND CLEANER TOWELS

Part #	Description	Count	Size	Wt (Lbs)/Cs
FEHRTOWELS	Heavy Duty 2-sided Wipes	110	8" x 12"	2.4
SCRUBS	Hand Cleaner Towels	72	10-1/2" x 12-1/4"	2.83



SLICKIT

Part #	Description	Net Wt /Oz	Sticks/Cs	Wt (Lbs)/Cs
SLICKIT	Weatherseal Flex Lubricant	2.5	8	2.0



Fehr carries a wide variety of specialty tools for garage door installers as well as a number of brand name tools used for general construction.

FELCO CABLE & WIRE ROPE CUTTERS

Part #	Description	Length	Cable Size	Wt (lbs)/Ea
TFC7	Felco C-7 Cable Cutter	8"	1/64"-3/16"	0.75
TFC9	Felco C-9 Cable Cutter	13"	1/8"-1/4"	1.87
TFC12	Felco C-12 Cable Cutter	23"	1/8"-3/8"	4.75
TFC16	Felco C-16 Cable Cutter	23"	1/8"-5/8"	6

TFC7



TFC9



TFC16



HIT CABLE & WIRE ROPE CUTTERS

Part #	Description	Length	Cable Size	Wt (lbs)/Ea
TRC8	HIT C-8 Cable Cutter	8"	1/64"-3/16"	0.75
THWC9	HIT C-9 Cable Cutter	13"	1/8"-11/32"	1.8
THWC12	HIT C-12 Cable Cutter	20"	1/8"-1/2"	3.8
THWC16	HIT C-16 Cable Cutter	26"	1/8"-5/8"	6.2
TWRC21B	HIT Bench Mount Cutter	21"	1/8"-3/8"	11.0
TRC450	HIT RC-450 Cable Cutter	18"	1/8"-3/8"	3.6
TRC800	HIT RC-800 Cable Cutter	32"	1/8"-5/8"	9.1

TRC8



THWC16



TWRC21B



HIT CABLE SWAGERS

Part #	Description	Length	Cable Size	Wt (lbs)/Ea
TSW031-062	3 Cavity Mini Swager	9"	1/32", 3/64", 1/16"	0.75
THSC350	3 Cavity Swager	17"	1/16", 3/32", 1/8"	3.5
THSC600	5 Cavity Swager	23"	1/16", 3/32", 1/8", 5/32", 3/16"	5.5
THS1000	3 Cavity Swager	30"	5/32", 1/4", 5/16"	19
THSC600B	5 Cavity Bench Swager	22.5"	1/16", 3/32", 1/8", 5/32", 3/16"	5.6

TSW031-062



THSC350



THSC600



NOTE: LOOS Cable Swagers are available at www.fehr.com

SWAGING KITS

Part #	Description	Includes	Length	Cable Size	Wt (Lbs)/Ea
1SCKIT	5 Cavity Aluminum	Metal Case	24"	1/16", 3/32", 1/8", 5/32", 3/16"	24.2
1SCKIT-COPPER	5 Cavity Copper	Metal Case	24"	1/16", 3/32", 1/8", 5/32", 3/16"	29.5
THSC600KIT	5 Cavity Swager	Soft Bag	25"	1/16", 3/32", 1/8", 5/32", 3/16"	17.4
TS600BOX	Metal Case Only	-	24"	-	12.7
TS600BAG	Nylon Tool Bag	-	25"	-	3.65

Includes tools, 100 pcs ea 1/16", 3/32", 1/8", 5/32", 3/16" sleeves, 100 pcs ea 3/32", 1/8" stops, no-go gauge



Same components as 1SCKIT but in a soft tool bag



TORSION SPRING TOOLS

Part #	Description	Size	Wt (Lbs)/Ea
CALIPER	Electronic Caliper	0-6"	0.25
TSGA-RULER	Fehr Ruler Type Spring Gauge	.125-.625	0.14
TSGA-RES	Residential Pocket Wire Gauge	.1875-.3125"	0.3
TSGA-COM	Commercial Pocket Wire Gauge	.3195-.500	0.3
TS-ST	Torsion Spring Spreader Tool	-	0.46
SAFETYCOLLAR	Torsion Spring Safety Collar	-	0.02
WINDINGBAR18	1/2" x 18" Winding Bar (1 Pc)	18"	1.0
WINDINGBAR	1/2" X 24" Winding Bar (1 Pc)	24"	1.34



CALIPER



WINDING BAR



SAFETY COLLAR



TS-ST



TSGA-RULER



TSGA-COM

TORSION SPRING REPAIR BLOCKS

Part #	Description	Size	Pcs/Bg	Wt (Lbs)/Bg
TSRB-BLUE	Blue Temporary Repair Block	.207-.3065	2	0.55
TSRB-RED	Red Temporary Repair Block	.375-.4305	2	0.55
TSRB-YELL	Yellow Temporary Repair Block	.3175-.3625	2	0.55



TSRB

Fehr



KLEIN PLIERS & CUTTING PLIERS

Part #	Description	Length	Wt (Lbs)/Ea
KTD2000-48	High Leverage Diagonal Angled HD	8"	0.60
KTD228-8	High Leverage Diagonal Cutters	8"	0.60
KTJ2078CR	All Purpose Pliers with Crimper	8"	0.65
KTD203-8	HD Long Nose Pliers with Side Cutter	8"	0.60
KTD213-9E	High Leverage Side Cutters	9"	1.14
KTD502-10	Pump Pliers	10"	0.97

KTD2000-48



KTD228-8



KTJ2078CR



KTD203-8



KTD213-9NE



KTD502-10



KLEIN WIRE STRIP, CUT & CRIMP

Part #	Description	Length	Wt (Lbs)/Ea
KT1005	Crimping & Cutting - Non Insulated	9-3/4"	0.84
KT11045	Wire Stripper 10-18 AWG Solid	6-1/4"	0.27
KT11046	Wire Stripper 16-26 AWG Stranded	6-1/4"	0.27
KT1010	Long Nose Multi Purpose Tool	8-1/4"	0.43
KT1001	Multi Purpose Electrician's Tool	8-1/2"	0.47

KT1005



KT11045



KT11046



KT1001



KT1010

KLEIN SCREW DRIVERS

Part #	Description	Wt (Lbs)/Ea
KT85076	7 Pc Cushion Grip Screwdriver Set	1.50
KT32505	11-in-1 with Combo Screw Tips	0.50
KT32700	Switch Drive Handle #2 Phillips/#2 Square Drive	0.50



KT85076



KT32700



KT32505

KLEIN HAMMERS

Part #	Description	Wt/Ea
KT808-16	Straight-Claw Hammer - Heavy Duty	1.85
KT818-16	Curved-Claw Hammer - Heavy Duty	1.85



KT808-16



KT32605



KT32606



KT631



KT32759



KTPND7165



KTPND91610

KLEIN HEX KEYS & DRILL BITS

Part #	Description	Wt/Ea
KT70591	9 Key Inch Folding Hex Key Set	0.85
KT70579	5 Key Inch Folding Hex Key Set	0.50



KT70579



KT70591

KLEIN UTILITY KNIVES & MEASURING TOOLS

Part #	Description	Wt/Ea
KT44142	Small Pocket Knife	0.14
KT44201	Electrician's Pocket Knife	0.31
KT44130	Auto-Loading Folding Retractable Utility Knife	0.47
KT44101	Utility Knife Blades - 5 Pack	0.05
KT930-9	Magnetic Torpedo Level	0.25
KT93125	25' Tape Measure Magnetic Single Hook	0.91



KT44142



KT44201



KT44130



KT930-9



KLEIN SAFETY GEAR

Part #	Description	Wt/Ea
KT40205	Journeyman Utility Gloves - Medium	0.13
KT40206	Journeyman Utility Gloves - Large	0.13
KT40207	Journeyman Utility Gloves- X-Large	0.13
KT60053	Protective Eyewear with Clear Lens	0.15

KT40206



KT60053



KLEIN AUDIO

Part #	Description	Wt/Ea
KTAEPJS1	Wireless Jobsite Speaker	0.13

The Klein Tools AEPJS1 is a powered speaker that provides 5 watts of high-quality sound for smart phones, tablets, computers and other audio devices via a wireless Bluetooth connection or wired auxiliary input. It answers calls hands free with the built-in speakerphone and can be magnetically attached to any steel surface.



KLEIN TOOL CARRIER BAGS & BACKPACKS

Part #	Description	Size	Pockets
KT55421BP-14CAMO	Tradesman Pro Backpack Camo	20" x 14.5"	39
KT55421BP-14	Tradesman Pro Backpack	20" x 14.5"	39
KT55431	Tradesman Pro Lighted Tool Bag	14" x 15.25"	31
KT55452RTB	Tradesman Pro Rolling Tool Bag	14" x 19"	24

KT55421BP-14CAMO



KT55431



KT55452RTB



KT55421BP-14



KLEIN TOOL POUCHES & BUCKETS

Part #	Description	Size	Pockets
KT5166	7 Pocket Tool Pouch	7" x 9.5"	7
KT5104	Leather Bottom Bucket	17" x 12"	1
KT5104S	Leather Bottom Bucket with Swivel	17" x 12"	1
KT5109SLR	All Purpose Work Bucket	15" x 12"	1

KT5166



KT5104S



TOOL CARRIERS

Part #	Description	Mfg	Size	Pockets
TS600BAG	Fehr X-Long Tool Bag	FEHR	26.5" x 10"	21
RON601	Tool Sheath with Belt Clip	RONAN	8.5" x 2.5"	1

RON601



TS600BAG





MAASDAM POW'R-PULL

For over 60 years, Maasdam® has produced Pow'r-Pulls to exacting standards. Using only premium components, Maasdam produces the finest quality winch-puller available, backed by a full Lifetime Warranty - a first for domestic winches.

MAASDAM POW'R-PULLS

Part #	Description	Cable Lift	Ratio	Wt (Lbs)/Ea
MAA144S-6	1 Ton Cable Puller	12 Ft	15:1	7.6
MAA144SB-6	2 Ton Cable Puller	6 Ft	30:1	8.8



MAA144S-6



MAA144SB-6

KLEIN TOOLS CABLE GRIPS

Part #	Description	Cable Size	Wt (Lbs)/Ea
CP1613-40	Chicago Grip for Cable	.120"-.370"	3.00
CP1692-5	Chicago Grip for Cable	.218"-.550"	6.28

Use in conjunction with POW'R- Pulls during bottom section replacement



CP1613-40

IMPORTED CABLE GRIPS

Part #	Description	Cable Size	Wt (Lbs)/Ea
WGRIP093-187	Cable Grip	.093"-.187"	1.54



WGRIP093-187

ROPER WHITNEY ANGLE SHEAR

Part #	Description	Cuts Angle Up To	Wt (Lbs)/Ea
TRWAC-4	Roper Whitney #4 Angle Cutter Includes Handle	2" x 2" x 1/4"	51
TRWAC-4HANDLE	Roper Whitney #4 Replacement Handle	-	22
TRWACBLADE-B	Roper Whitney 2 Pc Base Blade	-	0.4
TRWACBLADE-S	Roper Whitney 1 Pc Shear Blade	-	0.35



TRWAC-4

TRWACBLADE-B



TRWACBLADE-S



H.K. PORTER ANGLE SHEAR

Part #	Description	Cuts Angle Up To	Wt (Lbs)/Ea
THKAC	H.K. Porter Angle Cutter	1-1/4" x 1-1/4" x 1/8"	19
TKAC-UJ	H.K. Porter Upper Jaw (JOB0)	-	1.43
TKAC-LJ	H.K. Porter Lower Jaw (JOA0)	-	1.37

TKAC-UJ



TKAC-LJ



THKAC

CHAIN & BOLT CUTTERS

Part #	Description	Cuts Up To	Wt (Lbs)/Ea
TH22-CC24P	HIT Chain Cutter	3/8" Non-Alloy	6.3
TH22-CC42P	HIT Chain Cutter	1/2" Proof Coil	20
TH22-BC24H	HIT Center Cut Bolt Cutter	7/16"	5.5

TH22-CC24P



TH22-BC24H





THE TUFLEX® DIFFERENCE

Tuflex® Roundslings are endless synthetic slings made from skeins (continuous loops or hanks) of polyester yarn covered by double walled tubular jackets.



LIFTALL- ROUND SLINGS

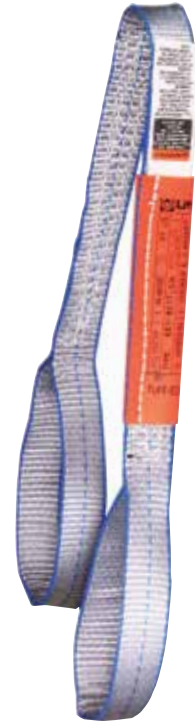
Part #	Length	Color	Rated Capacities in Lbs			Wt/Lbs/Ea
			Vertical	Choker	Basket	
EN30X03	3'	Purple	2,600	2,100	5,200	0.6
EN30X04	4'	Purple	2,600	2,100	5,200	0.8
EN30X06	6'	Purple	2,600	2,100	5,200	1.2
EN30X08	8'	Purple	2,600	2,100	5,200	1.6
EN30X10	10'	Purple	2,600	2,100	5,200	2.0
EN30X12	12'	Purple	2,600	2,100	5,200	2.4
EN60X03	3'	Green	5,300	4,200	10,600	0.9
EN60X04	4'	Green	5,300	4,200	10,600	1.2
EN60X06	6'	Green	5,300	4,200	10,600	1.8
EN60X08	8'	Green	5,300	4,200	10,600	2.4
EN60X10	10'	Green	5,300	4,200	10,600	3.0
EN60X12	12'	Green	5,300	4,200	10,600	3.6
EN90X04	4'	Yellow	8,400	6,700	16,800	2.0
EN90X06	6'	Yellow	8,400	6,700	16,800	3.0
EN90X08	8'	Yellow	8,400	6,700	16,800	4.0
EN90X10	10'	Yellow	8,400	6,700	16,800	5.0
EN90X12	12'	Yellow	8,400	6,700	16,800	6.0
EN150X05	5'	Red	13,200	10,600	26,400	4.0
EN150X06	6'	Red	13,200	10,600	26,400	4.8
EN150X08	8'	Red	13,200	10,600	26,400	6.4
EN150X10	10'	Red	13,200	10,600	26,400	8.0
EN150X12	12'	Red	13,200	10,600	26,400	9.6
EN150X15	15'	Red	13,200	10,600	26,400	12.0

Tuff-Edge® II WEB SLINGS- SINGLE PLY

Part #	Width	Length	Rated Capacities in Lbs			Wt/Lbs/Ea
			Vertical	Choker	Basket	
EE1801TFX3	1"	3'	1,600	1,280	3,200	0.4
EE1801TFX4	1"	4'	1,600	1,280	3,200	0.5
EE1801TFX6	1"	6'	1,600	1,280	3,200	0.9
EE1801TFX10	1"	10'	1,600	1,280	3,200	1.5
EE1801TFX12	1"	12'	1,600	1,280	3,200	1.8
EE1802TFX3	2"	3'	3,200	2,500	6,400	0.5
EE1802TFX4	2"	4'	3,200	2,500	6,400	0.6
EE1802TFX6	2"	6'	3,200	2,500	6,400	1.0
EE1802TFX10	2"	10'	3,200	2,500	6,400	1.7
EE1802TFX12	2"	12'	3,200	2,500	6,400	2.0

Tuff-Edge® II WEB SLINGS - TWO PLY

Part #	Width	Length	Rated Capacities in Lbs			Wt/Lbs/Ea
			Vertical	Choker	Basket	
EE2801TFX3	1"	3'	3,200	2,500	6,400	0.4
EE2801TFX4	1"	4'	3,200	2,500	6,400	0.6
EE2801TFX6	1"	6'	3,200	2,500	6,400	0.8
EE2801TFX10	1"	10'	3,200	2,500	6,400	1.3
EE2801TFX12	1"	12'	3,200	2,500	6,400	1.6
EE2802TFX3	2"	3'	6,400	5,000	12,800	0.9
EE2802TFX4	2"	4'	6,400	5,000	12,800	1.2
EE2802TFX6	2"	6'	6,400	5,000	12,800	1.7
EE2802TFX10	2"	10'	6,400	5,000	12,800	2.7
EE2802TFX12	2"	12'	6,400	5,000	12,800	3.2



Tuff-Edge® II Polyester Web Slings are 2X stronger after abrasion and have 2X better edge cut resistance. You can expect longer sling life and lower overall costs when you switch to Tuff-Edge® II slings. Resistance to the two properties that can rapidly degrade webbing, abrasion and edge cutting, is greatly improved with the use of Tuff-Edge® II webbing.

NOTE: Additional lengths, sizes and styles are available. Call 800.431.3095 for details.



TRUCK DOOR ASSEMBLIES - 1/8" 7 X 19 STAINLESS AIRCRAFT CABLE

Part #	Size	Fits	Length	Loop	Color	Wt/Pr
37601-96	1/8"	1/4" Clevis Pin	96"	Spool Eye	Brown	0.55
37601-110	1/8"	1/4" Clevis Pin	110"	Spool Eye	Red	0.60
37601-115	1/8"	1/4" Clevis Pin	115"	Spool Eye	Blue	0.61
37601-120	1/8"	1/4" Clevis Pin	120"	Spool Eye	Orange	0.62
37601-125	1/8"	1/4" Clevis Pin	125"	Spool Eye	Green	0.63
37601-130	1/8"	1/4" Clevis Pin	130"	Spool Eye	Yellow	0.64
37701-97	1/8"	5/16" U-Bolt	97"	Bev Spool	Blue	0.51
37701-105	1/8"	5/16" U-Bolt	105"	Bev Spool	Yellow	0.58
37701-110	1/8"	5/16" U-Bolt	110"	Bev Spool	Brown	0.59
37701-115	1/8"	5/16" U-Bolt	115"	Bev Spool	Green	0.60
37701-125	1/8"	5/16" U-Bolt	125"	Bev Spool	White	0.66
37701-130	1/8"	5/16" U-Bolt	130"	Bev Spool	Orange	0.68
37801-105	1/8"	Roller Shaft	105"	Large Spool	Yellow	0.54
37801-110	1/8"	Roller Shaft	110"	Large Spool	Brown	0.60
37801-115	1/8"	Roller Shaft	115"	Large Spool	Green	0.62
37801-125	1/8"	Roller Shaft	125"	Large Spool	Red	0.66
37801-130	1/8"	Roller Shaft	130"	Large Spool	Blue	0.68



37601-115



37701-110



37801-115

TRUCK DOOR ASSEMBLIES - 1/8" 7 X 19 GALVANIZED AIRCRAFT CABLE

Part #	Size	Fits	Length	Loop	Color	Wt/Pr
37001-90	1/8"	1/4" Clevis Pin	90"	Spool Eye	-	0.52
37001-105	1/8"	1/4" Clevis Pin	105"	Spool Eye	Brown	0.60
37001-110	1/8"	1/4" Clevis Pin	110"	Spool Eye	Gray	0.61
37001-115	1/8"	1/4" Clevis Pin	115"	Spool Eye	Black	0.62
37001-120	1/8"	1/4" Clevis Pin	120"	Spool Eye	Orange	0.63
37001-125	1/8"	1/4" Clevis Pin	125"	Spool Eye	Blue	0.64
37001-130	1/8"	1/4" Clevis Pin	130"	Spool Eye	Green	0.65



37001-110

TRUCK DOOR ASSEMBLIES - 1/8" 7 X 19 GALVANIZED AIRCRAFT CABLE

Part #	Size	Fits	Length	Loop	Color	Wt/Pr
37101-97	1/8"	5/16" U-Bolt	97"	Bev Spool	Green	0.51
37101-105	1/8"	5/16" U-Bolt	105"	Bev Spool	-	0.58
37101-110	1/8"	5/16" U-Bolt	110"	Bev Spool	Brown	0.59
37101-115	1/8"	5/16" U-Bolt	115"	Bev Spool	Green	0.60
37101-125	1/8"	5/16" U-Bolt	125"	Bev Spool	White	0.66
37101-130	1/8"	5/16" U-Bolt	130"	Bev Spool	Orange	0.68
37201-105	1/8"	Roller Shaft	105"	Large Spool	Yellow	0.54
37201-110	1/8"	Roller Shaft	110"	Large Spool	Brown	0.60
37201-115	1/8"	Roller Shaft	115"	Large Spool	Green	0.62
37201-125	1/8"	Roller Shaft	125"	Large Spool	Red	0.66
37201-130	1/8"	Roller Shaft	130"	Large Spool	White	0.68



37101-130



37201-115

TRUCK DOOR HINGES, HANDLES & BRACKETS

Part #	Description	Finish	Replaces	Pack	Wt (Lbs)/Ea
T69035	End Hinge	Black E-Coat	69035	1	0.38
T61196	Center Hinge	Black E-Coat	61196	1	0.30
T69433	Top Fixture Assembled	Black E-Coat	69433	1	0.66
T61352	Bottom Fixture	Black E-Coat	61352	1	0.51
T61401	Heavy Duty Lift Handle	Black E-Coat	61401	1	0.50
T61204	Cable Anchor Bracket	Black E-Coat	61204	1	0.08



T69035



T61196



T61401



T61352



T69433



T61204



TRUCK DOOR ROLLERS

Part #	Description	Stem Length	Cycles-9' door 125 lb load	Bulk	Dealer Pack	Wt (Lbs)/Ea
ROLL22	1" - 7 Ball Steel	2-3/4" Zinc	30,000	200	50	0.20
ROLL23	2" -13 Ball Nylon	2-3/4" Zinc	30,000	200	50	0.25
ROLL24	2" -10 Ball Steel	2-3/4" Zinc	15,000	150	50	0.29



ROLL22



ROLL23



ROLL24

STAINLESS RIVETS

Part #	Description	Finish	Head	Pack	Wt (Lbs)/Ctn
C6510-100	1/4" x 1-1/32" Pan Head	304 Stainless	11/16"	100	1.94
C6511-100	1/4" x 1" Flat Head	304 Stainless	11/16"	100	1.67
C6512-100	1/4" x 1-3/32" Pan Head	304 Stainless	11/16"	100	1.98
C6513-100	1/4" x 1-5/32" Pan Head	304 Stainless	1/2"	100	2.10



C6512-100

STEP BOLTS

Part #	Description	Finish	Type	Pack	Wt (Lbs)/Ea
C6457-100	1/4" x 1-1/4"	Zinc Magni-Coat	Rib Neck	100	2.50
C6458-100	1/4" x 1-1/2"	Zinc Magni-Coat	Rib Neck	100	2.81
C6459-100	1/4" x 1-3/4"	Zinc Magni-Coat	Rib Neck	100	2.93



C6458-100

DRUMS

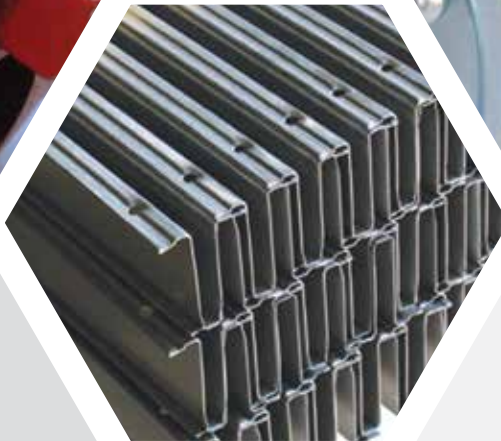
Part #	Description	Capacity	Type	Pack	Wt (Lbs)/Ea
CON300-C	3" Cable Drum	130"	Curbside	1	0.98
CON300-R	3" Cable Drum	130"	Roadside	1	0.98



CON300

SINCE 1857

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