

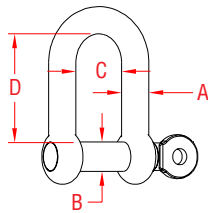
SHACKLES

SHACKLES

STRAIGHT D SHACKLE



316 STAINLESS STEEL WITH SCREW PIN

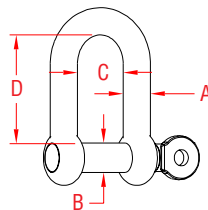


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0115-0004	5/32"	0.15"	0.31"	0.55"	200	0.02
S0115-0005	3/16"	0.19"	0.45"	0.76"	500	0.04
S0115-0006	1/4"	0.23"	0.48"	0.85"	750	0.06
S0115-0008	5/16"	0.31"	0.67"	1.11"	1,000	0.14
S0115-0010	3/8"	0.39"	0.78"	1.37"	1,200	0.25
S0115-0012	15/32"	0.46"	0.95"	1.66"	1,500	0.43
S0115-0013	1/2"	0.54"	1.09"	1.84"	2,500	0.66
S0115-0016	5/8"	0.61"	1.25"	2.01"	3,000	0.90
S0115-0020	3/4"	0.74"	1.46"	2.57"	4,000	1.62
S0115-0022	7/8"	0.86"	1.60"	2.92"	5,000	2.49
S0115-0025	1"	0.96"	1.95"	3.45"	6,000	3.63
S0115-0032	1-1/4"	1.25"	2.50"	4.35"	9,000	7.42

STRAIGHT D SHACKLE



316 STAINLESS STEEL WITH CAPTIVE PIN



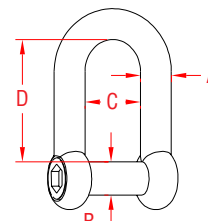
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0115-CP04	5/32"	0.17"	0.32"	0.55"	200	0.02
S0115-CP05	3/16"	0.19"	0.37"	0.69"	500	0.03
S0115-CP06	1/4"	0.23"	0.47"	0.82"	750	0.05
S0115-CP08	5/16"	0.31"	0.62"	1.10"	1,000	0.12
S0115-CP10	3/8"	0.39"	0.79"	1.34"	1,200	0.23
S0115-CP12	1/2"	0.47"	0.95"	1.65"	1,500	0.38

NOTE:
SCREW PIN IS CAPTIVE AND NOT REMOVABLE. WHEN IT'S FULLY OPENED, THE END OF THE PIN WILL SIT FLUSH WITH THE INSIDE OF THE SHACKLE.

STRAIGHT D SHACKLE



316 STAINLESS STEEL WITH NO SNAG PIN



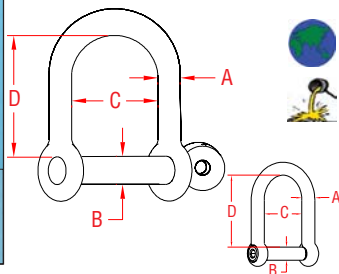
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0115-NS06	1/4"	0.23"	0.48"	0.85"	750	0.05
S0115-NS08	5/16"	0.31"	0.67"	1.11"	1,000	0.13
S0115-NS10	3/8"	0.39"	0.79"	1.38"	1,200	0.24
S0115-NS12	15/32"	0.47"	0.93"	1.64"	1,500	0.41
S0115-NS13	1/2"	0.54"	1.09"	1.84"	2,500	0.64
S0115-NS16	5/8"	0.64"	1.27"	2.19"	3,000	0.94
S0115-NS20	3/4"	0.75"	1.50"	2.60"	4,000	1.55
S0115-NS22	7/8"	0.87"	1.73"	3.01"	5,000	2.44
S0115-NS25	1"	0.98"	1.94"	3.42"	6,000	3.56

NOTE:
NO SNAG PIN SITS FLUSH WITH BODY OF SHACKLE. LARGER SIZES WITH SLOTTED HEAD. SUNCOR RECOMMENDS THE USE OF A LOCKING FLUID WITH THIS TYPE OF SHACKLE.

WIDE D SHACKLE



316 STAINLESS STEEL

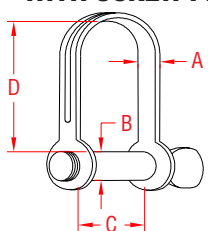


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
SCREW PIN						
S0114-0006	1/4"	0.24"	0.92"	1.31"	750	0.08
S0114-0008	5/16"	0.32"	1.11"	1.22"	1,000	0.14
S0114-0010	3/8"	0.40"	1.54"	2.14"	1,200	0.33
S0114-0012	1/2"	0.47"	1.89"	2.59"	1,500	0.56
NO SNAG PIN						
S0114-NS06	1/4"	0.24"	0.92"	1.31"	750	0.08
S0114-NS08	5/16"	0.32"	1.11"	1.22"	1,000	0.14
S0114-NS10	3/8"	0.40"	1.54"	2.14"	1,200	0.33
S0114-NS12	1/2"	0.47"	1.89"	2.59"	1,500	0.56

STAMPED D SHACKLE



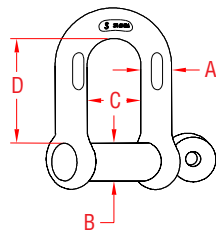
304 STAINLESS STEEL WITH SCREW PIN



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0118-0004	5/32"	0.16"	0.40"	0.59"	200	0.01
S0118-0005	3/16"	0.20"	0.40"	0.76"	250	0.02
S0118-0006	1/4"	0.24"	0.54"	0.95"	300	0.03
S0118-0008	5/16"	0.32"	0.71"	1.53"	450	0.07

CHAIN SHACKLE

316-NM STAINLESS STEEL WITH OVERSIZE SCREW PIN

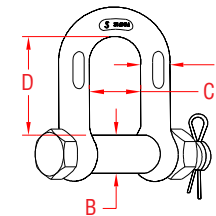


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0115-FS07	1/4"	0.31"	0.46"	0.87"	1,000	0.09
S0115-FS08	5/16"	0.38"	0.52"	1.02"	1,300	0.16
S0115-FS10	3/8"	0.44"	0.65"	1.24"	1,500	0.28
S0115-FS12	7/16"	0.50"	0.75"	1.43"	2,000	0.43
S0115-FS13	1/2"	0.63"	0.79"	1.58"	3,000	0.70
S0115-FS16	5/8"	0.75"	1.05"	1.94"	4,000	1.70
S0115-FS20	3/4"	0.88"	1.20"	2.40"	6,000	2.13
S0115-FS22	7/8"	1.00"	1.45"	2.88"	8,000	3.22
S0115-FS25	1"	1.13"	1.67"	3.20"	10,000	4.77

NOTE:
1/A/W FED. SPECIFICATION RR-C-271D, TYPE IVB, CLASS 2, (EXCEPT 316 STAINLESS STEEL). MARKED TO THE NEAREST FRACTIONAL TON.

BOLT CHAIN SHACKLE

316-NM STAINLESS STEEL WITH OVERSIZE BOLT

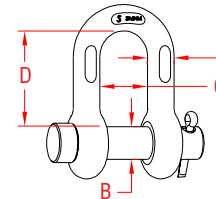


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0115-SA07	1/4"	0.31"	0.46"	0.87"	1,000	0.11
S0115-SA08	5/16"	0.38"	0.52"	1.02"	1,300	0.18
S0115-SA10	3/8"	0.44"	0.65"	1.24"	1,500	0.31
S0115-SA12	7/16"	0.50"	0.75"	1.43"	2,000	0.50
S0115-SA13	1/2"	0.63"	0.79"	1.58"	3,000	0.74
S0115-SA16	5/8"	0.75"	1.05"	1.94"	4,000	1.41
S0115-SA20	3/4"	0.88"	1.20"	2.40"	6,000	2.36
S0115-SA22	7/8"	1.01"	1.45"	2.88"	8,000	3.46
S0115-SA25	1"	1.13"	1.67"	3.20"	10,000	4.85

NOTE:
1/A/W FED. SPECIFICATION RR-C-271D, TYPE IVB, CLASS 3, (EXCEPT 316 STAINLESS STEEL). MARKED TO THE NEAREST FRACTIONAL TON.

ROUND PIN CHAIN SHACKLE

316-NM STAINLESS STEEL WITH OVERSIZE ROUND PIN

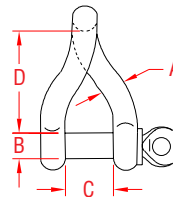


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0115-RP07	1/4"	0.32"	0.46"	0.87"	1,000	0.09
S0115-RP08	5/16"	0.37"	0.52"	1.02"	1,300	0.16
S0115-RP10	3/8"	0.44"	0.65"	1.24"	1,500	0.28
S0115-RP12	7/16"	0.50"	0.75"	1.43"	2,000	0.43
S0115-RP13	1/2"	0.63"	0.79"	1.58"	3,000	0.70
S0115-RP16	5/8"	0.75"	1.05"	1.94"	4,000	1.70
S0115-RP20	3/4"	0.88"	1.20"	2.40"	6,000	2.13
S0115-RP22	7/8"	1.00"	1.45"	2.88"	8,000	3.22
S0115-RP25	1"	1.13"	1.67"	3.20"	10,000	4.77

NOTE:
1/A/W FED. SPECIFICATION RR-C-271D, TYPE IVB, CLASS 1, (EXCEPT 316 STAINLESS STEEL). MARKED TO THE NEAREST FRACTIONAL TON.

TWIST SHACKLE

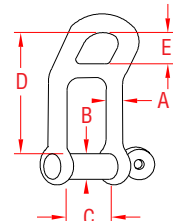
316 STAINLESS STEEL WITH SCREW PIN



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0163-0004	5/32"	0.16"	0.30"	0.63"	200	0.02
S0163-0005	3/16"	0.19"	0.38"	0.83"	500	0.04
S0163-0006	1/4"	0.23"	0.42"	1.00"	750	0.07
S0163-0008	5/16"	0.31"	0.55"	1.30"	1,000	0.16
S0163-0010	3/8"	0.38"	0.71"	1.80"	1,200	0.30
S0163-0012	1/2"	0.47"	0.78"	2.20"	1,500	0.51

HEADBOARD SHACKLE

316 STAINLESS STEEL WITH CAPTIVE PIN



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0173-0006	1/4"	0.30"	0.48"	1.70"	0.44"	750	0.10
S0173-0008	5/16"	0.38"	0.63"	2.20"	0.58"	1,000	0.22
S0173-0010	3/8"	0.47"	0.78"	2.80"	0.74"	1,200	0.42
S0173-0012	1/2"	0.54"	0.94"	3.25"	0.88"	1,500	0.71

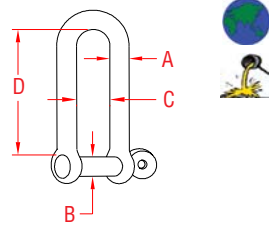
NOTE:
SCREW PIN IS CAPTIVE AND NOT REMOVABLE. WHEN IT'S FULLY OPENED, THE END OF THE PIN WILL SIT FLUSH WITH THE INSIDE OF THE SHACKLE.

SHACKLES

LONG D SHACKLE



**316 STAINLESS STEEL
WITH SCREW PIN**

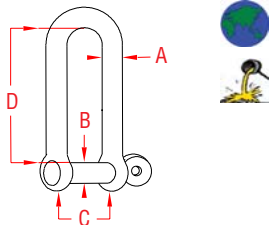


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0138-0004	5/32"	0.15"	0.32"	1.19"	200	0.03
S0138-0005	3/16"	0.19"	0.43"	1.50"	500	0.05
S0138-0006	1/4"	0.23"	0.49"	1.74"	750	0.08
S0138-0008	5/16"	0.31"	0.68"	2.31"	1,000	0.18
S0138-0010	3/8"	0.38"	0.78"	2.88"	1,200	0.35
S0138-0012	1/2"	0.47"	0.93"	3.50"	1,500	0.62

LONG D SHACKLE



**316 STAINLESS STEEL
WITH CAPTIVE PIN**



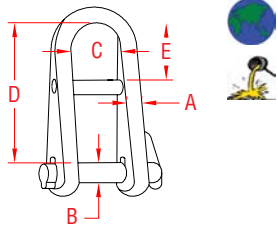
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0138-CP04	5/32"	0.15"	0.30"	1.17"	200	0.03
S0138-CP05	3/16"	0.19"	0.39"	1.47"	500	0.05
S0138-CP06	1/4"	0.23"	0.46"	1.77"	750	0.08
S0138-CP08	5/16"	0.31"	0.61"	2.36"	1,000	0.18
S0138-CP10	3/8"	0.38"	0.78"	2.95"	1,200	0.34
S0138-CP12	1/2"	0.47"	0.93"	3.54"	1,500	0.57

NOTE:
SCREW PIN IS CAPTIVE AND NOT REMOVABLE. WHEN IT'S FULLY OPENED, THE END OF THE PIN WILL SIT FLUSH WITH THE INSIDE OF THE SHACKLE.

HALYARD SHACKLE



**STAINLESS STEEL
WITH KEY PIN**

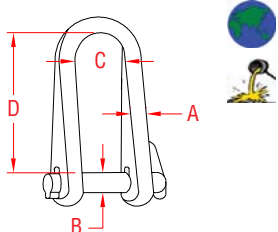


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
316 STAINLESS STEEL							
S0164-0005	3/16"	0.20"	0.47"	1.48"	0.52"	500	0.07
S0164-0006	1/4"	0.24"	0.56"	1.70"	0.61"	750	0.11
S0164-0008	5/16"	0.31"	0.75"	2.37"	0.84"	1,000	0.25
BL							
17-4 PH STAINLESS STEEL							
S0164-HR05	3/16"	0.20"	0.47"	1.48"	0.52"	2,500	0.07
S0164-HR06	1/4"	0.24"	0.56"	1.70"	0.61"	3,900	0.11
S0164-HR08	5/16"	0.31"	0.75"	2.37"	0.84"	5,000	0.25

LONG SHACKLE



**STAINLESS STEEL
WITH KEY PIN**

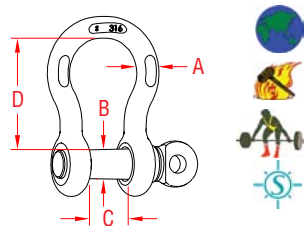


ITEM	A	B	C	D	WLL	WT	
	(size)				(lb)	(lb)	
316 STAINLESS STEEL							
S0167-0005	3/16"	0.20"	0.47"	1.43"	500	0.07	
S0167-0006	1/4"	0.24"	0.56"	1.70"	750	0.11	
S0167-0008	5/16"	0.31"	0.75"	2.30"	1,000	0.26	
BL							
17-4 PH STAINLESS STEEL							
S0167-HR05	3/16"	0.20"	0.47"	1.43"	2,500	0.07	
S0167-HR06	1/4"	0.24"	0.56"	1.70"	3,900	0.11	
S0167-HR08	5/16"	0.31"	0.75"	2.30"	5,000	0.26	

ANCHOR SHACKLE



**316-NM STAINLESS STEEL
WITH OVERSIZE SCREW PIN**



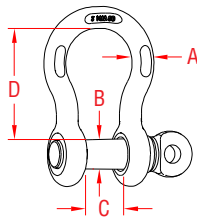
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-FS05	3/16"	0.26"	0.41"	0.83"	650	0.05
S0116-FS07	1/4"	0.31"	0.47"	1.11"	1,000	0.10
S0116-FS08	5/16"	0.38"	0.53"	1.20"	1,300	0.17
S0116-FS10	3/8"	0.44"	0.66"	1.41"	1,500	0.30
S0116-FS12	7/16"	0.50"	0.72"	1.77"	2,000	0.50
S0116-FS13	1/2"	0.63"	0.82"	1.83"	3,000	0.71
S0116-FS16	5/8"	0.75"	1.02"	2.41"	4,000	1.39
S0116-FS20	3/4"	0.88"	1.25"	2.84"	6,000	2.31
S0116-FS22	7/8"	1.00"	1.48"	3.30"	8,000	3.64
S0116-FS25	1"	1.13"	1.70"	3.80"	10,000	5.18
S0116-FS32	1-1/4"	1.38"	2.03"	4.69"	14,000	9.88

NOTE: I/AW FED SPEC RR-C-271D, TYPE IVA, CLASS 2, EXCEPT 316 STAINLESS. MARKED TO THE NEAREST FRACTIONAL TON.

US ANCHOR SHACKLE



316-NM STAINLESS STEEL WITH OVERSIZE SCREW PIN



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-FS07-US	1/4"	0.31"	0.47"	1.11"	1,000	0.10
S0116-FS08-US	5/16"	0.38"	0.53"	1.20"	1,300	0.17
S0116-FS10-US	3/8"	0.44"	0.66"	1.41"	1,500	0.30
S0116-FS12-US	7/16"	0.50"	0.72"	1.77"	2,000	0.50
S0116-FS13-US	1/2"	0.63"	0.82"	1.83"	3,000	0.71
S0116-FS16-US	5/8"	0.75"	1.02"	2.41"	4,000	1.39
S0116-FS20-US	3/4"	0.88"	1.25"	2.84"	6,000	2.31
S0116-FS22-US	7/8"	1.00"	1.48"	3.30"	8,000	3.64
S0116-FS25-US	1"	1.13"	1.70"	3.80"	10,000	5.18

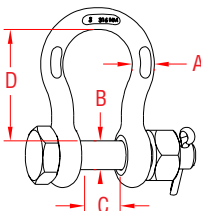
NOTE:

1/A/W FED SPEC RR-C-271D, TYPE IVA, CLASS 2, EXCEPT 316 STAINLESS. MEETS ASME B30.26-2004 AMERICAN NATIONAL STANDARD. DFARS COMPLIANT SHACKLES. S0116-NM NITRONIC ANCHOR SHACKLES ALSO AVAILABLE.

BOLT ANCHOR SHACKLE



316-NM STAINLESS STEEL WITH OVERSIZE BOLT



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-SA07	1/4"	0.31"	0.47"	1.11"	1,000	0.12
S0116-SA08	5/16"	0.38"	0.53"	1.20"	1,300	0.18
S0116-SA10	3/8"	0.44"	0.66"	1.41"	1,500	0.35
S0116-SA12	7/16"	0.50"	0.72"	1.77"	2,000	0.57
S0116-SA13	1/2"	0.63"	0.82"	1.83"	3,000	0.84
S0116-SA16	5/8"	0.75"	1.02"	2.41"	4,000	1.64
S0116-SA20	3/4"	0.88"	1.25"	2.84"	6,000	2.75
S0116-SA22	7/8"	1.00"	1.48"	3.30"	8,000	4.18
S0116-SA25	1"	1.13"	1.70"	3.80"	10,000	5.61
S0116-SA32	1-1/4"	1.38"	2.03"	4.69"	14,000	9.88

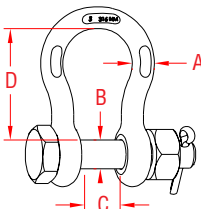
NOTE:

1/A/W FED SPEC RR-C-271D, TYPE IVA, CLASS 3, EXCEPT 316 STAINLESS. MARKED TO THE NEAREST FRACTIONAL TON.

US BOLT ANCHOR SHACKLE



316-NM STAINLESS STEEL WITH OVERSIZE BOLT



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-SA07-US	1/4"	0.31"	0.47"	1.11"	1,000	0.12
S0116-SA08-US	5/16"	0.38"	0.53"	1.20"	1,300	0.18
S0116-SA10-US	3/8"	0.44"	0.66"	1.41"	1,500	0.35
S0116-SA12-US	7/16"	0.50"	0.72"	1.77"	2,000	0.57
S0116-SA13-US	1/2"	0.63"	0.82"	1.83"	3,000	0.84
S0116-SA16-US	5/8"	0.75"	1.02"	2.41"	4,000	1.64
S0116-SA20-US	3/4"	0.88"	1.25"	2.84"	6,000	2.75
S0116-SA22-US	7/8"	1.00"	1.48"	3.30"	8,000	4.18
S0116-SA25-US	1"	1.13"	1.70"	3.80"	10,000	5.61
S0116-SA32-US	1-1/4"	1.38"	2.03"	4.69"	14,000	9.88

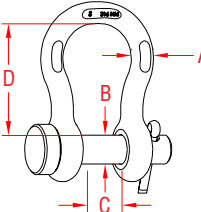
NOTE:

1/A/W FED SPEC RR-C-271D, TYPE IVA, CLASS 3, EXCEPT 316 STAINLESS. MARKED TO THE NEAREST FRACTIONAL TON.

ROUND PIN ANCHOR SHACKLE



316-NM STAINLESS STEEL WITH OVERSIZE ROUND PIN



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-RP07	1/4"	0.31"	0.47"	1.11"	1,000	0.10
S0116-RP08	5/16"	0.38"	0.53"	1.20"	1,300	0.17
S0116-RP10	3/8"	0.44"	0.66"	1.41"	1,500	0.32
S0116-RP12	7/16"	0.50"	0.72"	1.77"	2,000	0.49
S0116-RP13	1/2"	0.63"	0.82"	1.83"	3,000	0.72
S0116-RP16	5/8"	0.75"	1.02"	2.41"	4,000	1.53
S0116-RP20	3/4"	0.88"	1.25"	2.84"	6,000	2.36
S0116-RP22	7/8"	1.00"	1.48"	3.30"	8,000	4.00
S0116-RP25	1"	1.13"	1.70"	3.80"	10,000	5.27
S0116-RP32	1-1/4"	1.38"	2.03"	4.69"	14,000	9.88

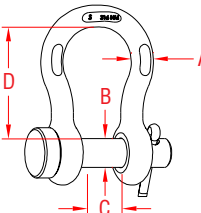
NOTE:

1/A/W FEDERAL SPECIFICATION RR-C-271D, TYPE IVA, CLASS 1, EXCEPT 316 STAINLESS. MARKED TO THE NEAREST FRACTIONAL TON.

US ROUND PIN ANCHOR SHACKLE



316-NM STAINLESS STEEL WITH OVERSIZE ROUND PIN



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-RP07-US	1/4"	0.31"	0.47"	1.11"	1,000	0.10
S0116-RP08-US	5/16"	0.38"	0.53"	1.20"	1,300	0.17
S0116-RP10-US	3/8"	0.44"	0.66"	1.41"	1,500	0.32
S0116-RP12-US	7/16"	0.50"	0.72"	1.77"	2,000	0.49
S0116-RP13-US	1/2"	0.63"	0.82"	1.83"	3,000	0.72
S0116-RP16-US	5/8"	0.75"	1.02"	2.41"	4,000	1.53
S0116-RP20-US	3/4"	0.88"	1.25"	2.84"	6,000	2.36
S0116-RP22-US	7/8"	1.00"	1.48"	3.30"	8,000	4.00
S0116-RP25-US	1"	1.13"	1.70"	3.80"	10,000	5.27
S0116-RP32-US	1-1/4"	1.38"	2.03"	4.69"	14,000	9.88

NOTE:

1/A/W FEDERAL SPECIFICATION RR-C-271D, TYPE IVA, CLASS 1, EXCEPT 316 STAINLESS. MARKED TO THE NEAREST FRACTIONAL TON.

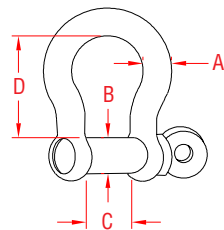
SHACKLES

SHACKLES

BOW SHACKLE



**316 STAINLESS STEEL
WITH SCREW PIN**

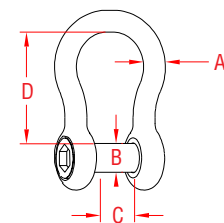


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-0004	5/32"	0.16"	0.33"	0.75"	200	0.02
S0116-0005	3/16"	0.19"	0.43"	0.94"	500	0.04
S0116-0006	1/4"	0.23"	0.48"	1.08"	750	0.07
S0116-0008	5/16"	0.31"	0.67"	1.46"	1,000	0.16
S0116-0010	3/8"	0.39"	0.79"	1.77"	1,200	0.26
S0116-0012	15/32"	0.48"	0.94"	2.16"	1,500	0.50
S0116-0013	1/2"	0.51"	1.04"	2.33"	2,500	0.77
S0116-0016	5/8"	0.63"	1.25"	3.00"	3,000	1.21
S0116-0020	3/4"	0.74"	1.50"	3.34"	4,000	1.80
S0116-0022	7/8"	0.86"	1.72"	3.85"	5,000	2.90
S0116-0025	1"	0.96"	1.95"	4.42"	6,000	4.34
S0116-0032	1-1/4"	1.24"	2.50"	5.44"	9,000	9.02

BOW SHACKLE



**316 STAINLESS STEEL
WITH NO SNAG PIN**



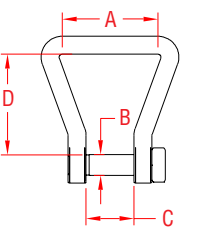
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-NS06	1/4"	0.24"	0.47"	1.06"	750	0.06
S0116-NS08	5/16"	0.31"	0.67"	1.46"	1,000	0.16
S0116-NS10	3/8"	0.39"	0.79"	1.77"	1,200	0.26
S0116-NS12	15/32"	0.48"	0.94"	2.16"	1,500	0.46
S0116-NS13	1/2"	0.51"	1.04"	2.33"	2,500	0.70
S0116-NS16	5/8"	0.63"	1.25"	3.00"	3,000	1.13
S0116-NS20	3/4"	0.74"	1.50"	3.34"	4,000	1.75
S0116-NS22	7/8"	0.86"	1.72"	3.85"	5,000	2.85
S0116-NS25	1"	0.96"	1.95"	4.42"	6,000	4.30

NOTE:
NO SNAG PIN SITS FLUSH WITH BODY OF SHACKLE. LARGER SIZES WITH SLOTTED HEAD. SUNCOR RECOMMENDS THE USE OF A LOCKING FLUID WITH THIS TYPE OF SHACKLE.

WEBBING SHACKLE



316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0231-0025	1"	0.19"	0.33"	1.14"	200	0.03

NOTE:
PATENTED "NO SNAG" DESIGN. CAN BE USED IN COMBINATION WITH WALL CLIP S0230-0000 ON PAGE 105: PIN FITS THROUGH HOLE IN CLIP. USE WITH FLAT WEB HOOK (SHOWN) OR WEBBING WITH SEWN LOOP (S0232-SERIES) ON PAGE 105. COMPATIBLE WITH SWIVEL PAD EYE.



SEIZING WIRE STAINLESS STEEL ANNEALED



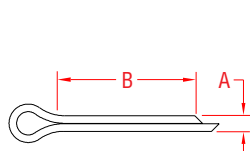
ITEM	A	B	WT
	(size)	(length)	(lb)
S0715-0020	0.020"	234'	0.27
S0715-0032	0.032"	92'	0.27
S0715-0041	0.041"	56'	0.27

NOTE:
USE SUNCOR'S QUALITY SEIZING WIRE TO KEEP SHACKLE PINS IN PLACE, AS SHOWN IN THE APPLICATION PHOTO TO THE LEFT.

COTTER PIN



316 STAINLESS STEEL



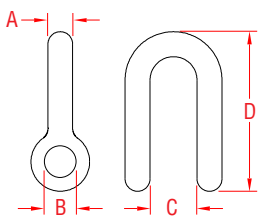
ITEM	A	B	WT
	(size)		(lb/100)
P0116-CT07	3/32"	0.75"	0.17
P0116-CT10	1/8"	0.75"	0.32
P0116-CT13	1/8"	1.13"	0.46
P0116-CT16	5/32"	1.75"	1.00
P0116-CT22	3/16"	1.50"	1.40
P0116-CT25	1/4"	1.75"	2.60

NOTE:
USED WITH ROUND PIN AND BOLT ANCHOR AND CHAIN SHACKLES.

CHAIN SHACKLE BODY



316-NM STAINLESS STEEL



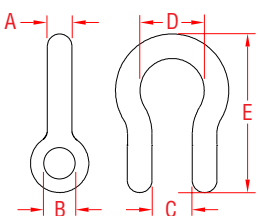
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
P0115-BD07	1/4"	0.33"	0.47"	1.59"	1,000	0.05
P0115-BD08	5/16"	0.40"	0.53"	1.88"	1,500	0.09
P0115-BD10	3/8"	0.46"	0.66"	2.28"	2,000	0.18
P0115-BD12	7/16"	0.52"	0.75"	2.66"	3,000	0.25
P0115-BD13	1/2"	0.65"	0.81"	2.99"	4,000	0.38
P0115-BD16	5/8"	0.77"	1.06"	3.68"	6,000	0.77
P0115-BD20	3/4"	0.90"	1.25"	4.46"	8,000	1.27
P0115-BD22	7/8"	1.02"	1.44"	5.28"	10,000	2.07
P0115-BD25	1"	1.15"	1.69"	5.94"	12,000	2.92

NOTE:
UNTHREADED SHACKLE BODY. MARKED TO THE NEAREST FRACTIONAL TON.

ANCHOR SHACKLE BODY



316-NM STAINLESS STEEL



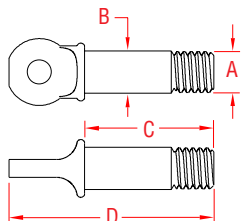
ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
P0116-BD07	1/4"	0.33"	0.47"	0.78"	1.84"	1,000	0.07
P0116-BD08	5/16"	0.40"	0.53"	0.84"	2.09"	1,300	0.11
P0116-BD10	3/8"	0.46"	0.66"	1.00"	2.49"	1,500	0.20
P0116-BD12	7/16"	0.52"	0.75"	1.16"	2.98"	2,000	0.29
P0116-BD13	1/2"	0.65"	0.81"	1.31"	3.28"	3,000	0.43
P0116-BD16	5/8"	0.77"	1.06"	1.69"	4.19"	4,000	0.88
P0116-BD20	3/4"	0.90"	1.25"	2.00"	4.92"	6,000	1.46
P0116-BD22	7/8"	1.02"	1.44"	2.28"	5.72"	8,000	2.26
P0116-BD25	1"	1.15"	1.69"	2.69"	6.50"	10,000	3.27
P0116-BD32	1-1/4"	1.42"	2.06"	3.33"	7.89"	14,000	6.80

NOTE:
UNTHREADED SHACKLE BODY. MARKED TO THE NEAREST FRACTIONAL TON.

US SHACKLE PIN



MADE IN USA 316-NM STAINLESS STEEL



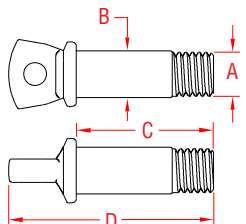
ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
P0116-US07	1/4"	5/16"- 18	0.31"	0.98"	1.55"	1,000	0.03
P0116-US08	5/16"	3/8"- 16	0.38"	1.16"	1.84"	1,300	0.05
P0116-US10	3/8"	7/16"- 14	0.44"	1.43"	2.20"	1,500	0.09
P0116-US12	7/16"	1/2"- 13	0.50"	1.64"	2.50"	2,000	0.12
P0116-US13	1/2"	5/8"- 11	0.63"	1.82"	2.85"	3,000	0.22
P0116-US16	5/8"	3/4"- 10	0.75"	2.33"	3.40"	4,000	0.41
P0116-US20	3/4"	7/8"- 9	0.88"	2.80"	3.87"	6,000	0.61
P0116-US22	7/8"	1"- 8	1.00"	3.21"	4.70"	8,000	0.91
P0116-US25	1"	1-1/8"- 7	1.13"	3.70"	5.35"	10,000	1.37
P0116-US32	1-1/4"	1-3/8"- 6	1.38"	4.54"	6.65"	14,000	2.59

NOTE:
REPLACEMENT PIN. COMPATIBLE WITH CHAIN SHACKLES (S0115-FS, PAGE 5)
AND ANCHOR SHACKLES (S0116-FS, PAGE 7).

SHACKLE PIN



IMPORT 316-NM STAINLESS STEEL



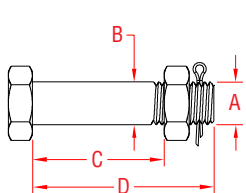
ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
P0116-PN07	1/4"	5/16"- 18	0.31"	0.98"	1.55"	1,000	0.03
P0116-PN08	5/16"	3/8"- 16	0.38"	1.16"	1.84"	1,300	0.05
P0116-PN10	3/8"	7/16"- 14	0.44"	1.43"	2.20"	1,500	0.09
P0116-PN12	7/16"	1/2"- 13	0.50"	1.64"	2.50"	2,000	0.12
P0116-PN13	1/2"	5/8"- 11	0.63"	1.82"	2.85"	3,000	0.22
P0116-PN16	5/8"	3/4"- 10	0.75"	2.33"	3.40"	4,000	0.41
P0116-PN20	3/4"	7/8"- 9	0.88"	2.80"	3.87"	6,000	0.61
P0116-PN22	7/8"	1"- 8	1.00"	3.21"	4.70"	8,000	0.91
P0116-PN25	1"	1-1/8"- 7	1.13"	3.70"	5.35"	10,000	1.37
P0116-PN32	1-1/4"	1-3/8"- 6	1.38"	4.54"	6.65"	14,000	2.59

NOTE:
REPLACEMENT PIN. COMPATIBLE WITH CHAIN SHACKLES (S0115-FS, PAGE 5)
AND ANCHOR SHACKLES (S0116-FS, PAGE 7).

SHACKLE BOLT



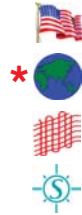
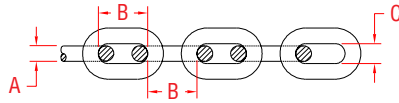
316-NM STAINLESS STEEL



ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
S0116-KT07	1/4"	5/16"- 18	0.31"	0.94"	1.38"	1,000	0.05
S0116-KT08	5/16"	3/8"- 16	0.38"	1.00"	1.56"	1,300	0.07
S0116-KT10	3/8"	7/16"- 14	0.44"	1.38"	2.00"	1,500	0.09
S0116-KT12	7/16"	1/2"- 13	0.50"	1.61"	2.30"	2,000	0.12
S0116-KT13	1/2"	5/8"- 11	0.63"	1.69"	2.50"	3,000	0.18
S0116-KT16	5/8"	3/4"- 10	0.75"	2.13"	3.19"	4,000	0.56
S0116-KT20	3/4"	7/8"- 9	0.88"	2.63"	3.69"	6,000	0.91
S0116-KT22	7/8"	1"- 8	1.00"	3.13"	4.25"	8,000	1.36
S0116-KT25	1"	1-1/8"- 7	1.13"	3.50"	4.69"	10,000	2.11
S0116-KT32	1-1/4"	1-3/8"- 6	1.38"	3.65"	6.40"	14,000	4.12

NOTE:
REPLACEMENT BOLT. COMPATIBLE WITH CHAIN (P0115-BD, ABOVE) & ANCHOR (P0116-BD, ABOVE) SHACKLE BODIES. COTTER PIN AND NUT INCLUDED.

NACM INDUSTRIAL CHAIN 316L STAINLESS STEEL

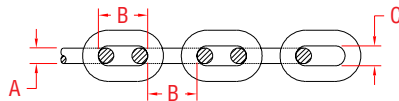


ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0602-0004	5/32"	0.16"	0.77"	0.28"	500	2,000	0.23
S0602-0005	3/16"	0.20"	0.95"	0.38"	1,200	4,800	0.30
S0602-0007	1/4"	0.25"	1.00"	0.43"	1,570	6,280	0.57
S0602-0008	5/16"	0.32"	0.94"	0.46"	2,400	9,600	0.98
S0602-0010	3/8"	0.39"	1.22"	0.57"	3,550	14,200	1.60
S0602-0012*	1/2" (7/16)	0.47"	1.50"	0.78"	5,400	21,600	2.00
S0602-0016*	5/8"	0.63"	1.91"	0.90"	9,800	39,200	3.31
S0602-0020*	3/4"	0.75"	2.75"	1.10"	15,000	60,000	5.00
S0602-0025*	1"	1.00"	3.53"	1.61"	23,250	73,000	9.00

NOTE:
MOST COMMONLY USED CHAIN FOR MARINE APPLICATIONS. THIS CHAIN COMPLIES FULLY WITH ALL REQUIREMENTS OF THE U.S. NATIONAL ASSOCIATION OF CHAIN MANUFACTURERS' SPECS.



NACM INDUSTRIAL CHAIN 304L STAINLESS STEEL

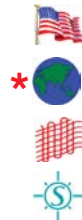
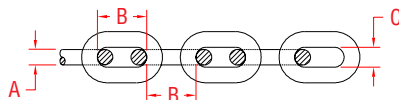


ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0605-0004	5/32"	0.16"	0.77"	0.28"	500	2,000	0.23
S0605-0005	3/16"	0.20"	0.95"	0.38"	1,200	4,800	0.30
S0605-0007	1/4"	0.25"	1.00"	0.43"	1,570	6,280	0.57
S0605-0008	5/16"	0.32"	0.94"	0.46"	2,400	9,600	0.98
S0605-0010	3/8"	0.39"	1.22"	0.57"	3,550	14,200	1.60

NOTE:
MOST ECONOMIC AND COMMONLY USED CHAIN FOR INDUSTRIAL APPLICATIONS. THIS CHAIN COMPLIES FULLY WITH ALL REQUIREMENTS OF THE U.S. NATIONAL ASSOCIATION OF CHAIN MANUFACTURERS' (NACM) SPECIFICATIONS.



NACM CHAIN (S4) 316L STAINLESS STEEL

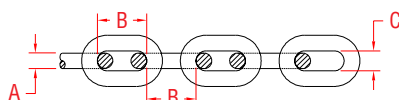


ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0604-0007	1/4" (9/32)	0.28"	0.84"	0.40"	2,000	8,000	0.67
S0604-0008	5/16"	0.32"	1.02"	0.47"	2,400	9,600	0.92
S0604-0010	3/8"	0.39"	1.22"	0.57"	3,550	14,200	1.60
S0604-0013*	1/2"	0.51"	1.59"	0.76"	6,500	26,000	2.10

NOTE:
SUNCOR GRADE S4 CHAIN IS MADE TO "G4" DIMENSIONS. IT FITS MANY STANDARD U.S. WINDLASSES AND INDUSTRIAL APPLICATIONS. THIS CHAIN COMPLIES FULLY WITH ALL REQUIREMENTS OF THE U.S. NATIONAL ASSOCIATION OF CHAIN MANUFACTURERS' (NACM'S) SPECIFICATIONS.



LIFTING CHAIN (S5) 316L STAINLESS STEEL



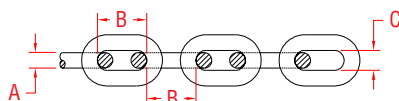
ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0603-0005*	3/16"	0.19"	0.58"	0.25"	1,100	4,400	0.36
S0603-0007	1/4" (9/32)	0.28"	0.85"	0.38"	2,200	8,800	0.67
S0603-0008*	5/16"	0.32"	0.95"	0.45"	2,700	10,800	0.98
S0603-0010*	3/8"	0.39"	1.18"	0.55"	4,400	17,600	1.41
S0603-0013*	1/2"	0.51"	1.55"	0.75"	7,300	29,200	2.60

RATED FOR OVERHEAD LIFTING

NOTE:
CALIBRATED SUNCOR GRADE 50 LIFTING CHAIN, MADE TO GRADE 80 DIMENSIONS. NEVER EXCEED WORKING LOAD LIMIT. WORKING LOADS ARE BASED ON GRADUAL PULL AND NOT SHOCK LOADS. MAKE SURE THAT ALL COMPONENTS IN YOUR ASSEMBLY ARE OVERHEAD LIFTING RATED AND HAVE THE SAME WORKING LOADS.



ANCHOR CHAIN (S1) 316L STAINLESS STEEL



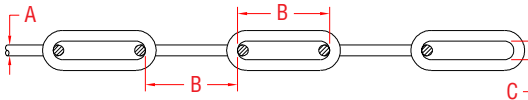
ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0601-0007	1/4" (9/32)	0.28"	0.87"	0.36"	2,000	8,000	0.76
S0601-0008	5/16"	0.32"	0.95"	0.41"	2,400	9,600	0.94
S0601-0010	3/8"	0.39"	1.10"	0.54"	3,750	15,000	1.60
S0601-0013	1/2"	0.51"	1.38"	0.74"	6,500	26,000	2.74

NOTE:
THIS CALIBRATED CHAIN HAS DIMENSIONS OF "BBB" CHAIN AND FITS MANY STANDARD WINDLASSES. ALSO SEE THE S0604 SERIES FOR OTHER WINDLASS CHAIN. THIS CHAIN COMPLIES WITH ALL REQUIREMENTS OF DIN 766.

CHAIN

LONG LINK CHAIN (S6)

304L STAINLESS STEEL

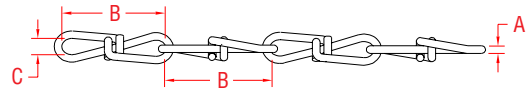


ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0606-0001*	5/64"	0.08"	0.48"	0.14"	180	720	0.06
S0606-0002*	3/32-7/64"	0.10"	0.69"	0.16"	300	1,200	0.10
S0606-0003*	1/8"	0.12"	1.03"	0.20"	380	1,520	0.11
S0606-0004	5/32"	0.15"	1.26"	0.35"	500	2,000	0.18
S0606-0005	3/16"	0.20"	1.42"	0.39"	900	3,600	0.28
S0606-0006	1/4"	0.24"	1.62"	0.47"	1,200	4,800	0.42

NOTE:
LONG LINK CHAIN IS THE LEAST EXPENSIVE STAINLESS STEEL CHAIN. THE LINKS ON AVERAGE ARE 1.5 TIMES LONGER THAN STANDARD CHAIN LINKS.
THIS CHAIN COMPLIES WITH ALL REQUIREMENTS OF DIN 5685-C.

DOUBLE LOOP CHAIN (S7)

304 STAINLESS STEEL



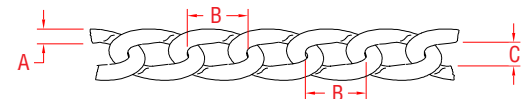
ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/100')
S0626-0003	#3	0.08"	1.14"	0.25"	90	360	6.1
S0626-0002	#1	0.11"	1.71"	0.35"	155	620	10.0
S0626-0001	2/0	0.14"	1.82"	0.37"	255	1,020	17.0

NOTE:
SOLD IN 100 FOOT LENGTHS ONLY.
I/A/W ASTM A466 AND NACM STANDARDS.
IDEAL FOR SWINGS, DECORATING APPLICATIONS AND NOVELTIES. OTHER SIZES AVAILABLE IN BULK ON SPECIAL ORDER.
WT/hd. = WEIGHT PER HUNDRED FEET.



TWIST LINK CHAIN (S8)

304 STAINLESS STEEL

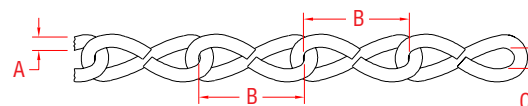


ITEM	SIZE	A	B	C	WLL	WT
					(lb)	(lb/ft)
S0611-0001	5/64"	0.07"	0.30"	0.13"	150	0.07
S0611-0002	3/32"	0.09"	0.31"	0.16"	190	0.09
S0611-0003	1/8"	0.11"	0.50"	0.27"	280	0.13
S0611-M003	1/8"	0.11"	0.48"	0.22"	280	0.13
S0611-0004	9/64"	0.14"	0.53"	0.24"	400	0.16
S0611-0005	5/32"	0.15"	0.59"	0.26"	550	0.20

NOTE:
IDEAL FOR DECORATIVE APPLICATIONS, SWINGS, ANIMAL CONTROL, WALLETS AND ACCESSORIES. WE IMPORT A 1/8" CHAIN (S0611-M003) FOR USE IN DAIRY APPLICATIONS. THE LINKS ARE 0.44" TALL BY 0.73" LONG (OUTSIDE DIMENSION).

SINGLE JACK CHAIN (S9)

304/302 STAINLESS STEEL



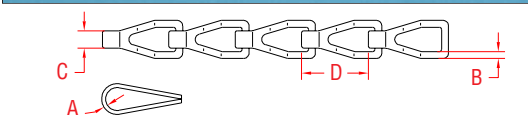
ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/100')
S0621-0000	#18	1.2 MM	0.05"	0.39"	5	20	1.85
S0621-0001	#16	1.6 MM	0.06"	0.52"	10	40	3.00
S0621-0002	#14	2.0 MM	0.08"	0.63"	16	65	5.00
S0621-0003	#12	2.5 MM	0.10"	0.75"	29	115	8.50
S0621-0004	#10	3.3 MM	0.13"	0.85"	43	170	14.70

NOTE:
SOLD IN 100 FOOT LENGTHS ONLY.
I/A/W ASTM A466 AND NACM STANDARDS.
U.S. STANDARD CHAIN.
IDEAL FOR LIGHTING FIXTURES AND NOVELTIES.
WT/hd. = WEIGHT PER HUNDRED FEET.



SASH CHAIN (S10)

302 STAINLESS STEEL

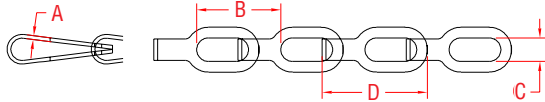


ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb/100')
S0631-0001	#35	0.9 MM	0.035"	0.08"	0.15"	0.55"	225
S0631-0002	#25	1.1 MM	0.042"	0.06"	0.11"	0.56"	200
S0631-0003	#8	0.6 MM	0.035"	0.06"	0.12"	0.56"	150

NOTE:
SOLD IN 100 FOOT LENGTHS ONLY.
I/A/W ASTM A466 AND NACM STANDARDS.
IDEAL FOR SMOOTH OPERATIONS OVER PULLEYS, LIGHTING FIXTURES AND NOVELTIES.
WT/hd. = WEIGHT PER HUNDRED FEET.



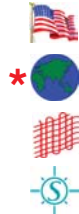
SAFETY CHAIN 302 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb/100')
S0641-0001	1/0	0.025"	0.50"	0.12"	0.60"	75	2.70
S0641-0002	2/0	0.025"	0.43"	0.12"	0.55"	50	2.14

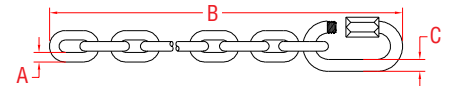
NOTE:
SOLD IN 100 FOOT LENGTHS ONLY.
ATTACH CHAIN TO CAPS, LIDS, PINS OR ANY OTHER
ITEM THAT COULD BE LOST OR FALL OVERBOARD.
WT/hd. = WEIGHT PER HUNDRED FEET.

TRAILER SAFETY CHAIN PACK 316L STAINLESS STEEL



ITEM	A	B	C	WLL	WT
	(size)	(length)	(end link)	(lb)	(lb)
C0275-0001	1/4"	24"	5/16"	1,600	1.35
C0275-0001-CH*	1/4"	24"	5/16"	1,600	1.35
C0275-0002	5/16"	24"	3/8"	2,400	2.20
C0275-0002-CH*	5/16"	24"	3/8"	2,400	2.20
PAIRS					
C0275-0001-2	1/4"	24"	5/16"	1,600	2.70
C0275-0001-2-CH*	1/4"	24"	5/16"	1,600	2.70
C0275-0002-2	5/16"	24"	3/8"	2,400	4.40
C0275-0002-2-CH*	5/16"	24"	3/8"	2,400	4.40

NOTE: EACH CHAIN LENGTH
CONTAINS ONE END QUICK
LINK, PERMANENTLY MARKED
WITH WLL, LOGO, SS316.



MARINE CHAIN PRE-PACK 316L STAINLESS STEEL



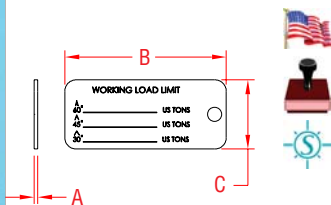
ITEM	SIZE	LENGTH	WLL	WT
			(lb)	(lb)
C0132-0407	1/4"	4 FT.	1,570	3.00
C0132-0407-CH*	1/4"	4 FT.	1,570	3.00
C0132-0507	1/4"	5 FT.	1,570	3.60
C0132-0508	5/16"	5 FT.	2,400	4.70
C0132-0508-CH*	5/16"	5 FT.	2,400	4.70
C0132-0608	5/16"	6 FT.	2,400	5.20
C0132-0610	3/8"	6 FT.	3,750	9.00
C0132-0610-CH*	3/8"	6 FT.	3,750	9.00

NOTE:
PRE-CUT CHAIN IN BAR CODED PACKAGING. COMMONLY USED AS LEAD
CHAIN FOR PLEASURE MARINE ANCHORS (GROUND TACKLE).

SLING IDENTIFICATION TAG 304 STAINLESS STEEL



304 STAINLESS STEEL



ITEM	A	B	C	WT
				(lb)
S0600-0001	0.09"	3.50"	1.50"	0.10
BLANK TAG - SUNCOR LOGO ONLY				
S0600-0002	0.09"	3.50"	1.50"	0.10
S0600-0003	0.06"	2.50"	1.38"	0.05

NOTE:
THIS TAG IS USED TO PERMANENTLY MARK SLINGS FOR OVERHEAD
LIFTING AND SHOW MAXIMUM WORKING LOADS AT DIFFERENT ANGLES.
MARKING SERVICES AVAILABLE.

The Effect of Temperature on the Working Load Limit of Chain



Temperature		Reduction of Working Load Limit WHILE AT Temperature	Reduction of Working Load Limit AFTER EXPOSURE to Temperature
Fahrenheit	Celsius		
Below 400°F	Below 204°C	None	None
400°-800°F	204°-426°C	0-10%	None
801°-1000°F	427°-537°C	20%	None
1001°-1200°F	538°-649°C	30%	None
1201°-1300°F	650°-704°C	40%	None
1301°-1400°F	705°-760°C	50%	None
1401°-1500°F	761°-815°C	60%	None
1501°-1600°F	816°-871°C	75%	None

Basic Types of Chain Slings

Sling Types are designated throughout the industry by symbols.



First Symbol (Basic Type)

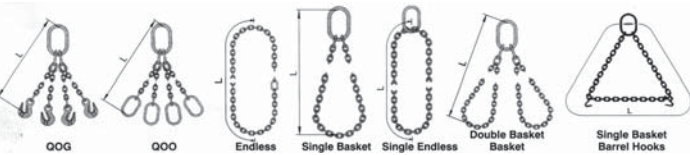
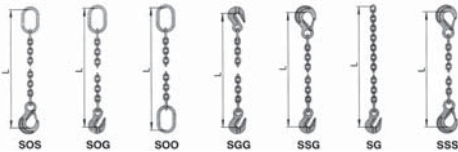
- S** Single Chain Sling with master link and hook, or hook each end.
- C** Single Choker Chain Sling with master link each end. No hooks.
- D** Double Chain Sling with standard master link and hooks.
- T** Triple Chain Sling with standard master link and hooks.
- Q** Quadruple Chain Sling with standard master link and hooks.

Second Symbol (Type of master link or end link)

- O** Standard Oblong Master Link- Recommended for all types.

Third Symbol (Type of Hooks)

- S** Slip Hook
- G** Grab Hook



How to Order Chain Sling Components

1. Determine the maximum **load** to be lifted.
2. Choose the proper **type** of chain sling (single, double, etc.) dictated by the size, shape and weight of the load.
3. Estimate the approximate **angle** between a leg of the sling and the load during operation.
4. Select the proper **attachments** (hooks and master links) for your chain sling.
5. Determine the overall **reach** from bearing point on master link to bearing point on attachment.
6. Choose the chain size which meets your requirements.

Note: Angle to the load on multiple leg slings will be 60 degrees or greater as long as the distance between lifting eyes of load is **not** greater than reach shown on identification tag.



Slip Hooks, page 56
 Grab Hooks, page 56
 Master Links, page 84
 Lifting Chain, page 11



Warnings, Cautions and Proper Use of Chain

Warnings and Cautions

The use of chain is subject to certain hazards that cannot be met by mechanical or manufacturing means, but only by the exercise of intelligence, care and common sense.

Never exceed the working load limit of the chain or any component.

Chemically active environments may adversely affect chain and components. Do not use in highly acidic or caustic environments. Suncor should be contacted for guidance if the chain will be exposed to chemically active environments during use.

Never field weld or repair chain.

Temperature will affect chain and components. Refer to the "Effect of Temperature on the WLL of Chain" chart on page 13.

Proper Use

To protect the users and to prevent damage to the chain, the following safe practices should be followed:

Select a chain suitable for the application and environment.

The hooks or other components should be of size to fit the intended connections.

Avoid shock loading.

Pad all sharp edges or corners in contact with the chain.

Avoid twisting or kinking the chain.

Never knot chain.

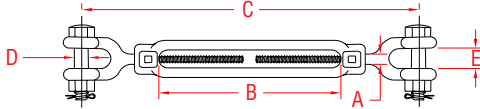
Rig so that the load is properly seated in the hooks or other components. Avoid tip loading of hooks and side loading of chain and components.

TURNBUCKLES

TURNBUCKLES

TURNBUCKLE JAW & JAW

316-NM STAINLESS STEEL

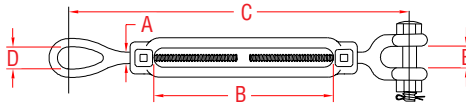


ITEM	A	B	C	D	E	WLL	WT
	(size)	(adjustment)				(lb)	(lb)
S0108-JJ07	1/4"	4.00"	7.75"	0.25"	0.44"	500	0.45
S0108-JJ08	5/16"	4.50"	9.00"	0.25"	0.50"	800	0.65
S0108-JJ10	3/8"	6.00"	10.63"	0.31"	0.56"	1,200	0.90
S0108-JJ13	1/2"	6.00"	12.00"	0.38"	0.63"	2,200	1.60
S0108-JJ16	5/8"	6.00"	13.50"	0.50"	0.75"	3,500	3.05
S0108-JJ20	3/4"	6.00"	15.00"	0.63"	1.00"	5,200	4.25
S0108-JJ25	1"	6.00"	18.00"	0.88"	1.25"	8,000	10.59
S0108-JJ25-1	1"	12.00"	24.00"	0.88"	1.25"	8,000	12.66
S0108-JJ32-1*	1-1/4"	12.00"	26.63"	1.13"	1.88"	12,500	22.32
S0108-JJ38-1*	1-1/2"	12.00"	28.95"	1.36"	2.19"	17,000	31.04

NOTE:
MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1, CLASS G. *JAWS FOR SIZES -JJ32-1 & -JJ38-1, FEATURE A ROUND PIN W/ COTTER.

TURNBUCKLE JAW & EYE

316-NM STAINLESS STEEL

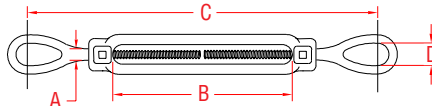


ITEM	A	B	C	D	E	WLL	WT
	(size)	(adjustment)				(lb)	(lb)
S0109-JE07	1/4"	4.00"	7.88"	0.33"	0.44"	500	0.35
S0109-JE08	5/16"	4.50"	9.25"	0.41"	0.50"	800	0.60
S0109-JE10	3/8"	6.00"	11.00"	0.50"	0.56"	1,200	0.80
S0109-JE13	1/2"	6.00"	12.50"	0.75"	0.63"	2,200	1.55
S0109-JE16	5/8"	6.00"	14.00"	0.87"	0.75"	3,500	2.69
S0109-JE20	3/4"	6.00"	15.63"	1.00"	1.00"	5,200	4.00
S0109-JE25	1"	6.00"	19.00"	1.38"	1.25"	8,000	9.66
S0109-JE25-1	1"	12.00"	25.00"	1.38"	1.25"	8,000	11.79
S0109-JE32-1*	1-1/4"	12.00"	27.50"	1.71"	1.88"	12,500	19.96

NOTE:
MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1, CLASS H. *JAW FOR SIZE -JE32-1, FEATURES A ROUND PIN W/ COTTER.

TURNBUCKLE EYE & EYE

316-NM STAINLESS STEEL

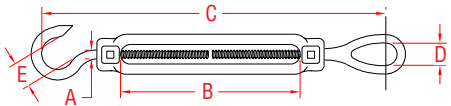


ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
S0107-EE07	1/4"	4.00"	8.00"	0.33"	500	0.30
S0107-EE08	5/16"	4.50"	9.25"	0.41"	800	0.50
S0107-EE10	3/8"	6.00"	11.50"	0.50"	1,200	0.85
S0107-EE13	1/2"	6.00"	13.00"	0.75"	2,200	1.30
S0107-EE16	5/8"	6.00"	14.50"	0.87"	3,500	2.30
S0107-EE20	3/4"	6.00"	16.25"	1.00"	5,200	3.50
S0107-EE25	1"	6.00"	20.00"	1.38"	8,000	8.85
S0107-EE25-1	1"	12.00"	25.50"	1.38"	8,000	10.91
S0107-EE32-1	1-1/4"	12.00"	28.38"	1.71"	12,500	17.60

NOTE: MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1, CLASS D. BODIES ONLY ON PAGE 23; S0106-BD SERIES. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE HOOK & EYE

316-NM STAINLESS STEEL

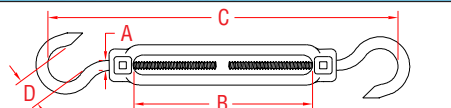


ITEM	A	B	C	D	E	WLL	WT
	(size)	(adjustment)				(lb)	(lb)
S0110-HE07	1/4"	4.00"	7.50"	0.33"	0.39"	300	0.25
S0110-HE08	5/16"	4.50"	8.50"	0.41"	0.44"	500	0.45
S0110-HE10	3/8"	6.00"	10.75"	0.51"	0.52"	750	0.67
S0110-HE13	1/2"	6.00"	12.00"	0.75"	0.55"	1,050	1.20
S0110-HE16	5/8"	6.00"	13.50"	0.87"	0.57"	1,600	2.10
S0110-HE20	3/4"	6.00"	15.50"	1.00"	0.90"	2,000	3.00

NOTE:
MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1, CLASS F. BODIES AND EYES ARE FORGED. HOOKS ARE FORMED AND COLD FORGED. BODIES ONLY ON PAGE 23; S0106-BD SERIES. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE HOOK & HOOK

316-NM STAINLESS STEEL

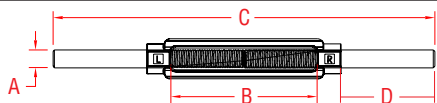


ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
S0111-HH07	1/4"	4.00"	6.87"	0.39"	300	0.22
S0111-HH08	5/16"	4.50"	7.75"	0.44"	500	0.35
S0111-HH10	3/8"	6.00"	10.37"	0.52"	750	0.60
S0111-HH13	1/2"	6.00"	10.50"	0.55"	1,050	1.10
S0111-HH16	5/8"	6.00"	14.25"	0.57"	1,600	1.90
S0111-HH20	3/4"	6.00"	14.25"	0.90"	2,000	2.75

NOTE:
MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1, CLASS E. BODIES AND EYES ARE FORGED. HOOKS ARE FORMED AND COLD FORGED. BODIES ONLY ON PAGE 23; S0106-BD SERIES. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE STUB & STUB

316-NM STAINLESS STEEL

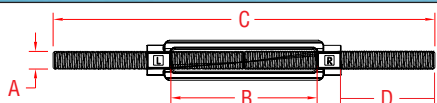


ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
S0112-SS07	1/4"	4.00"	9.00"	2.00"	500	0.27
S0112-SS08	5/16"	4.50"	10.50"	2.50"	800	0.67
S0112-SS10	3/8"	6.00"	13.00"	2.85"	1,200	0.72
S0112-SS13	1/2"	6.00"	14.13"	3.30"	2,200	1.23
S0112-SS16	5/8"	6.00"	15.00"	3.38"	3,500	2.25
S0112-SS20	3/4"	6.00"	16.00"	3.85"	5,200	3.19
S0112-SS25	1"	6.00"	18.00"	4.65"	8,000	6.32
S0112-SS25-1	1"	12.00"	24.38"	4.65"	8,000	10.43
S0112-SS32-1	1-1/4"	12.00"	26.00"	4.90"	12,500	14.75

NOTE:
MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1, CLASS C. BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE FULL THREAD

316-NM STAINLESS STEEL

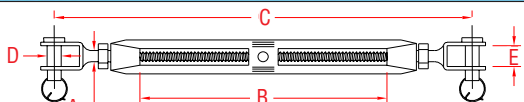


ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
S0112-TS07	1/4"	4.00"	9.00"	2.00"	500	0.26
S0112-TS08	5/16"	4.50"	10.50"	2.25"	800	0.64
S0112-TS10	3/8"	6.00"	13.00"	2.88"	1,200	0.68
S0112-TS13	1/2"	6.00"	14.00"	3.00"	2,200	1.17
S0112-TS16	5/8"	6.00"	15.00"	3.25"	3,500	2.14
S0112-TS20	3/4"	6.00"	16.00"	3.50"	5,200	3.03
S0112-TS25	1"	6.00"	18.00"	4.00"	8,000	6.00

NOTE:
MEETS WLL AND DIMENSIONS OF ASTM SPECIFICATION F1145-92 TYPE 1. BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE OPEN JAW & JAW

316 STAINLESS STEEL

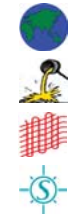
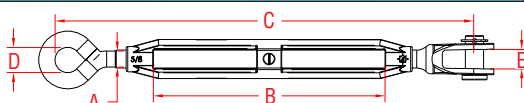


ITEM	A	B	C	D	E	WLL
	(size)	(adjustment)				(lb)
S0105-0005	3/16"	2.50"	4.81"	0.18"	0.30"	300
S0105-0007	1/4"	3.00"	5.75"	0.22"	0.38"	440
S0105-0008	5/16"	4.00"	7.12"	0.30"	0.40"	800
S0105-0010	3/8"	6.00"	10.00"	0.37"	0.46"	1,200
S0105-0013	1/2"	6.00"	11.00"	0.46"	0.59"	2,200
S0105-0016	5/8"	8.00"	14.50"	0.63"	0.69"	2,800
S0105-0020	3/4"	10.00"	18.00"	0.73"	0.76"	3,500

NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. JAWS ARE FORMED AND WELDED. BODIES ONLY ON PAGE 23. THREADS ARE STANDARD "UNC".

TURNBUCKLE JAW & EYE

316 STAINLESS STEEL

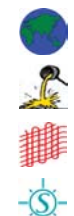
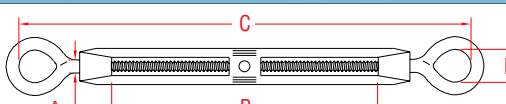


ITEM	A	B	C	D	E	WLL
	(size)	(adjustment)				(lb)
S0154-JE05	3/16"	2.50"	5.12"	0.38"	0.30"	300
S0154-JE07	1/4"	3.00"	5.87"	0.44"	0.38"	440
S0154-JE08	5/16"	4.00"	7.12"	0.50"	0.44"	800
S0154-JE10	3/8"	6.00"	10.25"	0.65"	0.50"	1,200
S0154-JE13	1/2"	6.00"	11.62"	0.75"	0.63"	2,200
S0154-JE16	5/8"	8.00"	14.50"	0.87"	0.63"	2,800
S0154-JE20	3/4"	10.00"	17.00"	1.10"	0.85"	3,500

NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. JAW AND EYE ARE FORMED AND WELDED. THREADS ARE STANDARD "UNC". BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE EYE & EYE

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
S0154-EE05	3/16"	2.50"	5.19"	0.38"	300	0.08
S0154-EE07	1/4"	3.00"	5.90"	0.44"	440	0.18
S0154-EE08	5/16"	4.00"	7.00"	0.50"	800	0.33
S0154-EE10	3/8"	6.00"	10.25"	0.65"	1,200	0.68
S0154-EE13	1/2"	6.00"	10.81"	0.75"	2,200	1.31
S0154-EE16	5/8"	8.00"	14.32"	0.87"	2,800	2.40
S0154-EE20	3/4"	10.00"	17.31"	1.10"	3,500	4.33

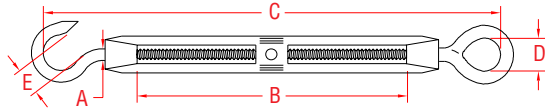
NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. EYES ARE FORMED AND WELDED. THREADS ARE STANDARD "UNC". BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLES

TURNBUCKLES

TURNBUCKLE HOOK & EYE

316 STAINLESS STEEL

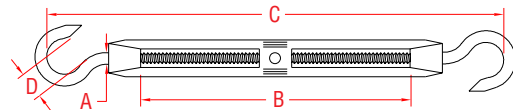


ITEM	A (size)	B (adjustment)	C	D	E	WLL (lb)
S0154-HE05	3/16"	2.50"	5.12"	0.38"	0.30"	100
S0154-HE07	1/4"	3.00"	5.87"	0.44"	0.38"	200
S0154-HE08	5/16"	4.00"	7.12"	0.50"	0.44"	400
S0154-HE10	3/8"	6.00"	10.25"	0.65"	0.50"	700
S0154-HE13	1/2"	6.00"	11.62"	0.75"	0.63"	1,000
S0154-HE16	5/8"	8.00"	14.50"	0.87"	0.63"	1,600
S0154-HE20	3/4"	10.00"	17.00"	1.10"	0.85"	2,000

NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. EYES ARE FORMED AND WELDED. THREADS ARE STANDARD "UNC". BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE HOOK & HOOK

316 STAINLESS STEEL

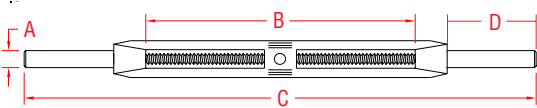


ITEM	A (size)	B (adjustment)	C	D	WLL (lb)	WT (lb)
S0154-HH05	3/16"	2.50"	4.94"	0.30"	100	0.07
S0154-HH07	1/4"	3.00"	6.18"	0.38"	200	0.17
S0154-HH08	5/16"	4.00"	7.56"	0.44"	400	0.32
S0154-HH10	3/8"	6.00"	10.38"	0.50"	700	0.66
S0154-HH13	1/2"	6.00"	10.62"	0.63"	1,000	1.26
S0154-HH16	5/8"	8.00"	14.38"	0.63"	1,500	2.30
S0154-HH20	3/4"	10.00"	16.87"	1.10"	2,000	3.85

NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. HOOKS ARE FORMED. THREADS ARE STANDARD "UNC". BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE STUB & STUB

316 STAINLESS STEEL

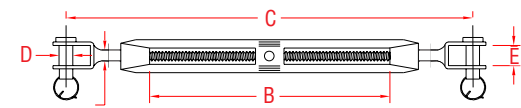


ITEM	A (size)	B (adjustment)	C	D	WT (lb)
S0154-SS05	3/16"	2.50"	5.04"	0.85"	0.08
S0154-SS07	1/4"	3.00"	9.04"	2.50"	0.20
S0154-SS08	5/16"	4.00"	10.56"	2.75"	0.36
S0154-SS10	3/8"	6.00"	13.04"	2.85"	0.70
S0154-SS13	1/2"	6.00"	14.42"	3.35"	1.32
S0154-SS16	5/8"	8.00"	16.28"	3.25"	2.26
S0154-SS20	3/4"	10.00"	18.75"	3.38"	3.66

NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. THREADS ARE STANDARD "UNC". BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE JAW & JAW

316 STAINLESS STEEL

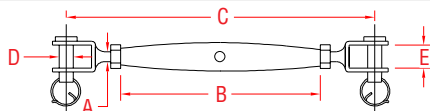


ITEM	A (size)	B (adjustment)	C	D	E	WLL (lb)
S0154-JJ05	3/16"	2.50"	4.81"	0.18"	0.30"	300
S0154-JJ07	1/4"	3.00"	5.75"	0.22"	0.38"	440
S0154-JJ08	5/16"	4.00"	7.12"	0.30"	0.40"	800
S0154-JJ10	3/8"	6.00"	10.00"	0.37"	0.46"	1,200
S0154-JJ13	1/2"	6.00"	11.00"	0.46"	0.59"	2,200
S0154-JJ16	5/8"	8.00"	14.50"	0.63"	0.69"	2,800
S0154-JJ20	3/4"	10.00"	18.00"	0.73"	0.76"	3,500

NOTE:
ECONOMICAL, YET HIGH QUALITY TURNBUCKLE WITH PRECISION CAST BODY. JAWS ARE FORMED AND WELDED. THREADS ARE STANDARD "UNC". BODIES ONLY ON PAGE 23. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE JAW & JAW

316 STAINLESS STEEL

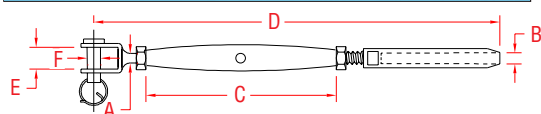


ITEM	A	B	C	D	E	WLL
	(size)					(lb)
S0101-0005	3/16"	3.13"	4.75"	0.18"	0.30"	300
S0101-0007	1/4"	3.50"	5.50"	0.22"	0.38"	440
S0101-0008	5/16"	4.31"	6.25"	0.30"	0.40"	800
S0101-0010	3/8"	4.87"	7.75"	0.37"	0.46"	1,200
S0101-0013	1/2"	5.80"	9.50"	0.46"	0.59"	2,200
S0101-0016	5/8"	7.50"	12.00"	0.60"	0.65"	2,800

NOTE:
THIS CLOSED TYPE TURNBUCKLE IS IDEAL FOR ARCHITECTURAL APPLICATIONS. BODY IS MACHINED FROM TUBING. JAWS ARE FORMED AND WELDED. BODIES ONLY ON PAGE 23. THREADS ARE STANDARD "UNC".

TURNBUCKLE JAW & SWAGE

316 STAINLESS STEEL

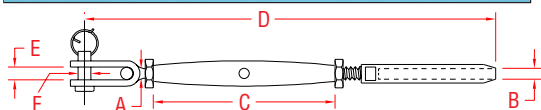


ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
S0781-0703	1/4"	1/8"	4.20"	7.50"	0.38"	0.22"	0.19
S0781-0704	1/4"	5/32"	4.20"	7.75"	0.38"	0.22"	0.21
S0781-0705	1/4"	3/16"	4.25"	8.25"	0.38"	0.22"	0.23
S0781-0904	5/16"	5/32"	4.32"	8.19"	0.40"	0.30"	0.35
S0781-0905	5/16"	3/16"	4.32"	8.56"	0.40"	0.30"	0.37
S0781-1005	3/8"	3/16"	4.90"	9.25"	0.46"	0.37"	0.53
S0781-1007	3/8"	1/4"	4.90"	10.00"	0.46"	0.37"	0.60
S0781-1307	1/2"	1/4"	5.87"	11.87"	0.59"	0.46"	1.09
S0781-1309	1/2"	5/16"	5.87"	12.62"	0.59"	0.46"	1.21
S0781-1610	5/8"	3/8"	7.48"	15.00"	0.70"	0.55"	2.50
S0781-2013	3/4"	1/2"	8.66"	17.40"	0.94"	0.75"	4.20

NOTE:
OTHER CONFIGURATIONS ARE AVAILABLE. BODIES ONLY ON PAGE 23. THREADS ARE "UNF". MACHINE SWAGE ONLY.

TURNBUCKLE TOGGLE & SWAGE

316 STAINLESS STEEL

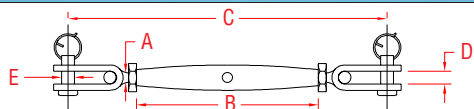


ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
S0782-0501	3/16"	1/16"	3.56"	6.62"	0.26"	0.19"	0.14
S0782-0502	3/16"	3/32"	3.56"	6.87"	0.26"	0.19"	0.14
S0782-0702	1/4"	3/32"	4.20"	7.62"	0.35"	0.23"	0.22
S0782-0703	1/4"	1/8"	4.20"	7.87"	0.35"	0.23"	0.25
S0782-0704	1/4"	5/32"	4.20"	8.12"	0.35"	0.23"	0.27
S0782-0904	5/16"	5/32"	4.32"	8.56"	0.40"	0.31"	0.40
S0782-0905	5/16"	3/16"	4.32"	9.00"	0.40"	0.31"	0.43
S0782-1005	3/8"	3/16"	4.90"	9.75"	0.56"	0.37"	0.64
S0782-1007	3/8"	1/4"	4.90"	10.44"	0.56"	0.37"	0.69
S0782-1307	1/2"	1/4"	5.87"	12.25"	0.63"	0.47"	1.32
S0782-1309	1/2"	5/16"	5.87"	13.00"	0.63"	0.47"	1.50
S0782-1610	5/8"	3/8"	7.50"	17.00"	0.80"	0.62"	2.69

NOTE:
OTHER CONFIGURATIONS ARE AVAILABLE. BODIES ONLY ON PAGE 23. THREADS ARE "UNF". MACHINE SWAGE ONLY.

TURNBUCKLE TOGGLE & TOGGLE

316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL
	(size)					(lb)
S0783-0005	3/16"	3.56"	6.00"	0.26"	0.19"	240
S0783-0007	1/4"	4.20"	6.87"	0.35"	0.23"	550
S0783-0008	5/16"	4.32"	7.63"	0.40"	0.31"	860
S0783-0010	3/8"	4.90"	9.12"	0.56"	0.37"	1,700
S0783-0013	1/2"	5.87"	10.87"	0.63"	0.47"	2,060
S0783-0016	5/8"	7.50"	13.75"	0.80"	0.62"	2,800

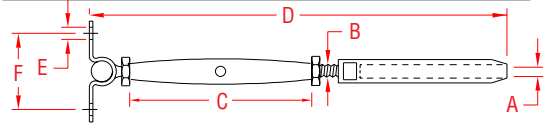
NOTE:
THIS TURNBUCKLE IS IDEAL FOR ARCHITECTURAL AND MARINE APPLICATIONS. BODY IS MACHINED FROM TUBING. BODIES ONLY ON PAGE 23. TOGGLES ARE FORMED. THREADS ARE "UNF".

TURNBUCKLES

TURNBUCKLES

TURNBUCKLE WALL MOUNT & SWAGE

316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
S0784-0703	1/8"	1/4"	4.20"	7.25"	0.25"	1.58"	0.25
S0784-0704	5/32"	1/4"	4.20"	7.50"	0.25"	1.58"	0.28
S0784-0705	3/16"	1/4"	4.20"	8.00"	0.25"	1.58"	0.32

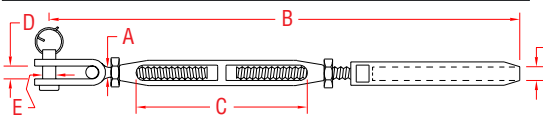
NOTE:
THREADS ARE "UNF". MACHINE SWAGE ONLY. TURNBUCKLES WITH QUICK ATTACH™ FITTINGS ARE SHOWN ON PAGES 46.

BODIES ONLY ON PAGE 23.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

TURNBUCKLE TOGGLE & SWAGE

CHROMED BRONZE BODY & STAINLESS ENDS

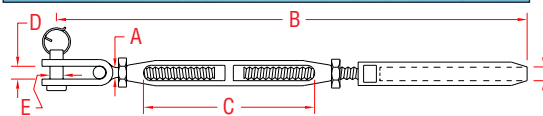


ITEM	A	B	C	D	E	F	WT
	(size)		(adjustment)			(wire)	(lb)
S0786-0703	1/4"	8.37"	3.50"	0.35"	0.23"	1/8"	0.27
S0786-0704	1/4"	8.81"	3.50"	0.35"	0.23"	5/32"	0.28
S0786-0705	1/4"	8.87"	3.50"	0.35"	0.23"	3/16"	0.32
S0786-0904	5/16"	9.25"	3.80"	0.40"	0.31"	5/32"	0.42
S0786-0905	5/16"	9.62"	3.80"	0.40"	0.31"	3/16"	0.44
S0786-1005	3/8"	11.50"	4.40"	0.56"	0.37"	3/16"	0.77
S0786-1006	3/8"	11.50"	4.40"	0.56"	0.37"	7/32"	0.79
S0786-1007	3/8"	11.50"	4.40"	0.56"	0.37"	1/4"	0.81
S0786-1307	1/2"	13.00"	4.62"	0.63"	0.47"	1/4"	1.48
S0786-1308	1/2"	13.25"	4.62"	0.63"	0.47"	9/32"	1.50
S0786-1309	1/2"	13.75"	4.62"	0.63"	0.47"	5/16"	1.50

NOTE: THREADS ARE "UNF". MACHINE SWAGE ONLY.

TURNBUCKLE TOGGLE & SWAGE

BRONZE BODY & STAINLESS ENDS

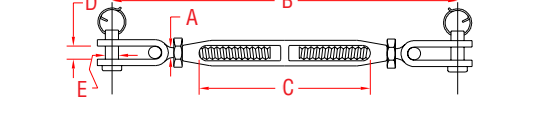


ITEM	A	B	C	D	E	F	WT
	(size)		(adjustment)			(wire)	(lb)
S0789-0703	1/4"	8.37"	3.50"	0.35"	0.23"	1/8"	0.27
S0789-0704	1/4"	8.81"	3.50"	0.35"	0.23"	5/32"	0.28
S0789-0705	1/4"	8.87"	3.50"	0.35"	0.23"	3/16"	0.32
S0789-0904	5/16"	9.25"	3.80"	0.40"	0.31"	5/32"	0.42
S0789-0905	5/16"	9.62"	3.80"	0.40"	0.31"	3/16"	0.44
S0789-1005	3/8"	11.50"	4.40"	0.56"	0.37"	3/16"	0.63
S0789-1007	3/8"	11.50"	4.40"	0.56"	0.37"	1/4"	0.67
S0789-1307	1/2"	13.00"	4.62"	0.63"	0.47"	1/4"	1.48
S0789-1308	1/2"	13.25"	4.62"	0.63"	0.47"	9/32"	1.50
S0789-1309	1/2"	13.75"	4.62"	0.63"	0.47"	5/16"	1.50

NOTE: THREADS ARE "UNF". OTHER CONFIGURATIONS, SUCH AS TOGGLE/TOGGLE ARE AVAILABLE.

TURNBUCKLE TOGGLE & TOGGLE

CHROMED BRONZE BODY & STAINLESS ENDS

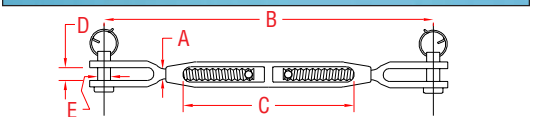


ITEM	A	B	C	D	E	WLL
	(size)		(adjustment)			(lb)
S0785-0007	1/4"	7.12"	3.50"	0.35"	0.23"	550
S0785-0009	5/16"	8.25"	3.80"	0.40"	0.31"	860
S0785-0010	3/8"	9.75"	4.40"	0.56"	0.37"	1,700
S0785-0013	1/2"	11.62"	4.62"	0.63"	0.47"	2,060

NOTE:
SILICON BRONZE, THEN CHROMED TO PREVENT GALLING. THE END FITTINGS ARE MADE FROM 316 STAINLESS STEEL. THREADS ARE "UNF".

TURNBUCKLE JAW & JAW

CHROMED BRONZE BODY & ENDS

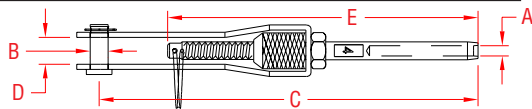


ITEM	A	B	C	D	E	WLL	WT
	(size)		(adjustment)			(lb)	(lb)
S0787-0007	1/4"	7.25"	3.50"	0.25"	0.25"	550	0.30
S0787-0009	5/16"	8.50"	3.80"	0.31"	0.31"	860	0.45
S0787-0010	3/8"	8.87"	4.40"	0.38"	0.38"	1,700	0.86
S0787-0013	1/2"	10.75"	4.62"	0.50"	0.50"	2,060	1.62

NOTE:
COMPLETE TURNBUCKLE IS FORGED SILICON BRONZE, THEN CHROMED TO PREVENT GALLING. THREADS ARE "UNF". NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

LIFELINE ADJUSTER

316 STAINLESS STEEL



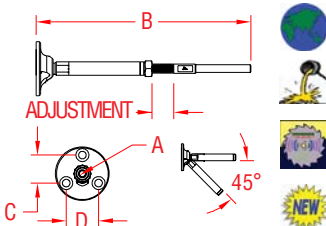
ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0745-0003	1/8"	0.24"	5.25"	0.42"	4.35"	0.16
S0745-0004	5/32"	0.24"	5.67"	0.42"	4.70"	0.18
S0745-0005	3/16"	0.24"	5.89"	0.42"	4.97"	0.20

NOTE:

TENSIONER DESIGNED FOR, BUT NOT LIMITED TO, LIFELINE APPLICATIONS. S0731-0703 SWAGE STUD (PAGE 33) IS USED IN THIS ASSEMBLY.

HANDISWAGE TENSIONER

316L STAINLESS STEEL



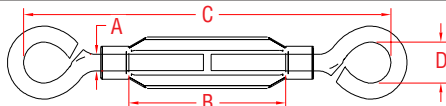
ITEM	A	B	C	D	ADJUSTMENT	WT
	(size)					(lb)
S0748-H003	1/8"	6.12"	0.78"	0.90"	1.35"	0.14
S0748-H005	3/16"	6.62"	0.78"	0.90"	1.35"	0.16

NOTE:

DESIGNED FOR HAND SWAGE USE ONLY. THE HANDISWAGE TENSIONER IS USED IN ARCHITECTURAL CABLE RAILING APPLICATIONS. THIS TENSIONER IS MADE FROM GRADE 316L STAINLESS STEEL FOR CORROSION RESISTANCE AND DURABILITY. IT FEATURES A SLOTTED BASE TO ACHIEVE ANGLES UP TO 45 DEGREES. CRIMP THE STUD ONTO CABLE USING THE HAND SWAGER (E0113-H600).

TURNBUCKLE EYE & EYE

ALUMINUM & STAINLESS STEEL



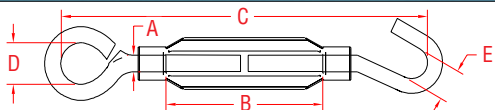
ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
A0154-EE05-A	3/16"	1.61"	3.72"	0.31"	70	0.04
A0154-EE07-A	1/4"	2.04"	4.98"	0.52"	160	0.12
A0154-EE08-A	5/16"	2.62"	5.88"	0.49"	230	0.20
A0154-EE10-A	3/8"	2.98"	7.40"	0.63"	300	0.38

NOTE:

LOWEST COST TURNBUCKLE. BODY IS ALUMINUM; ENDS ARE 304 STAINLESS STEEL. TO BE USED IN LIGHT DUTY APPLICATIONS ONLY. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE HOOK & EYE

ALUMINUM & STAINLESS STEEL



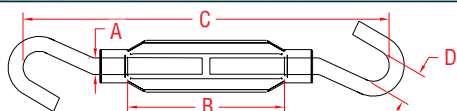
ITEM	A	B	C	D	E	WLL
	(size)	(adjustment)				(lb)
A0154-HE05-A	3/16"	1.61"	3.70"	0.31"	0.26"	40
A0154-HE07-A	1/4"	2.04"	5.02"	0.52"	0.48"	80
A0154-HE08-A	5/16"	2.62"	6.05"	0.49"	0.48"	125
A0154-HE10-A	3/8"	2.98"	7.37"	0.63"	0.60"	180

NOTE:

LOWEST COST TURNBUCKLE. BODY IS ALUMINUM; ENDS ARE 304 STAINLESS STEEL. TO BE USED IN LIGHT DUTY APPLICATIONS ONLY. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLE HOOK & HOOK

ALUMINUM & STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)	(adjustment)			(lb)	(lb)
A0154-HH05-A	3/16"	1.61"	3.90"	0.26"	70	0.04
A0154-HH07-A	1/4"	2.04"	5.08"	0.48"	100	0.11
A0154-HH08-A	5/16"	2.62"	6.22"	0.48"	150	0.20
A0154-HH10-A	3/8"	2.98"	7.33"	0.60"	200	0.36

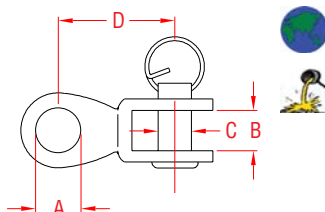
NOTE:

LOWEST COST TURNBUCKLE. BODY IS ALUMINUM; ENDS ARE 304 STAINLESS STEEL. TO BE USED IN LIGHT DUTY APPLICATIONS ONLY. NUTS ARE AVAILABLE (PAGE 96), BUT SOLD SEPARATELY.

TURNBUCKLES

RIGGING TOGGLE

316 STAINLESS STEEL

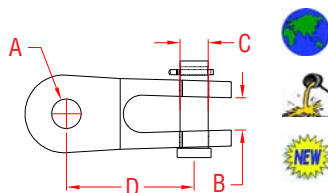


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0168-0005	7/32"	0.24"	0.20"	0.87"	300	0.05
S0168-0006	1/4"	0.28"	0.24"	1.12"	400	0.06
S0168-0008	11/32"	0.40"	0.32"	1.25"	800	0.10
S0168-0010	3/8"	0.48"	0.36"	1.43"	1,200	0.16
S0168-0012	1/2"	0.52"	0.48"	2.00"	1,600	0.32

NOTE:
INCLUDES REMOVABLE CLEVIS PIN.

RIGGING TOGGLE

316 STAINLESS STEEL

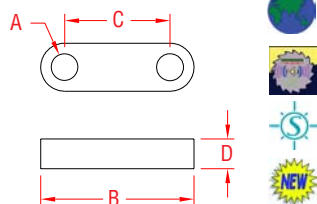


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0168-SS07	1/4"	0.26"	0.25"	1.01"	440	0.08
S0168-SS08	5/16"	0.34"	0.31"	1.25"	800	0.11
S0168-SS10	3/8"	0.40"	0.37"	1.50"	1,200	0.17
S0168-SS12	7/16"	0.48"	0.43"	1.94"	1,600	0.28
S0168-SS13	1/2"	0.56"	0.50"	1.87"	2,200	0.45
S0168-SS16	5/8"	0.63"	0.63"	2.60"	3,500	0.84

NOTE:
INCLUDES REMOVABLE CLEVIS PIN.

UNIVERSAL LINK

316 STAINLESS STEEL



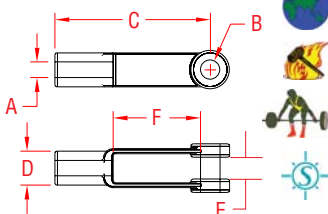
ITEM	SIZE	A	B	C	D	WT
						(lb)
S0100-0007	1/4"	0.28"	1.61"	1.11"	0.31"	0.05
S0100-0008	5/16"	0.31"	1.87"	1.22"	0.34"	0.08
S0100-0010	3/8"	0.40"	2.12"	1.38"	0.46"	0.14
S0100-0013	1/2"	0.50"	2.71"	1.71"	0.50"	0.27

NOTE:
DESIGNED FOR LINKING COMPONENTS WITH MATCHING PIN DIAMETERS. EASILY CONNECT JAWS, SHACKLES, TOGGLES, YOKE ENDS, ETC. THIS UNIVERSAL LINK IS A SIMPLE, YET VERSATILE RIGGING SOLUTION.



YOKE END UNTHREADED

316-NM STAINLESS STEEL

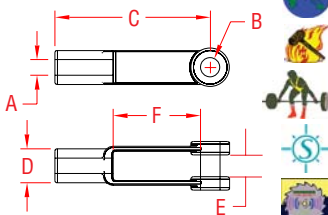


ITEM	A	B	C	D	E	F	WLL
	(nominal size)						(lb)
S0113-U005	3/16"	0.19"	1.56"	0.31"	0.19"	0.89"	300
S0113-U007	1/4"	0.25"	2.00"	0.44"	0.29"	1.08"	500
S0113-U008	5/16"	0.31"	2.25"	0.50"	0.33"	1.26"	800
S0113-U010	3/8"	0.38"	2.55"	0.63"	0.42"	1.45"	1,200
S0113-U013	1/2"	0.50"	3.00"	0.81"	0.58"	1.65"	2,200
S0113-U016	5/8"	0.63"	4.94"	1.06"	0.70"	3.37"	3,500
S0113-U020	3/4"	0.75"	6.06"	1.25"	0.79"	4.25"	5,200

NOTE:
SOLD WITH CLEVIS PINS.
THIS ITEM IS NOT THREADED. CALL FOR SPECIAL THREADS.

YOKE END THREADED

316-NM STAINLESS STEEL
UNC



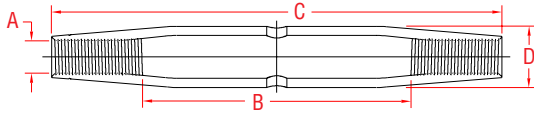
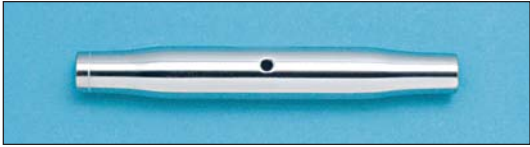
ITEM	A	B	C	D	E	F	WLL
	(thread size)						(lb)
S0113-RC05	3/16"	0.19"	1.56"	0.31"	0.19"	0.89"	300
S0113-RC07	1/4"	0.25"	2.00"	0.44"	0.29"	1.08"	500
S0113-RC08	5/16"	0.31"	2.25"	0.50"	0.33"	1.26"	800
S0113-RC10	3/8"	0.38"	2.55"	0.63"	0.42"	1.45"	1,200
S0113-RC13	1/2"	0.50"	3.00"	0.81"	0.58"	1.65"	2,200
S0113-RC16	5/8"	0.63"	4.94"	1.06"	0.70"	3.37"	3,500
S0113-RC20	3/4"	0.75"	6.06"	1.25"	0.79"	4.25"	5,200

NOTE:
SOLD WITH CLEVIS PINS.
"UNC" RIGHT HAND THREADED.

TURNBUCKLES

TURNBUCKLE COMPONENTS

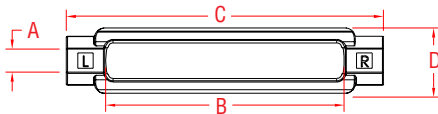
TURNBUCKLE BODY - CLOSED 316 STAINLESS STEEL



ITEM	A (size)	B (adjustment)	C	D	WLL (lb)	WT (lb)
UNC THREAD						
P0101-BD05	3/16"	3.00"	3.65"	0.39"	300	0.06
P0101-BD07	1/4"	3.50"	4.22"	0.39"	440	0.07
P0101-BD08	5/16"	3.50"	4.42"	0.54"	800	0.14
P0101-BD10	3/8"	3.50"	4.75"	0.67"	1,200	0.19
P0101-BD13	1/2"	4.75"	6.10"	0.79"	2,200	0.28
P0101-BD16	5/8"	5.50"	7.53"	1.08"	2,800	0.68
UNF THREAD						
P0780-BD05	3/16"	3.00"	3.65"	0.39"	300	0.06
P0780-BD07	1/4"	3.50"	4.22"	0.39"	440	0.07
P0780-BD09	5/16"	3.50"	4.42"	0.54"	800	0.14
P0780-BD10	3/8"	3.50"	4.75"	0.67"	1,200	0.19
P0780-BD13	1/2"	4.75"	6.10"	0.79"	2,200	0.28
P0780-BD16	5/8"	5.50"	7.53"	1.08"	2,800	0.68
P0780-BD20	3/4"	7.00"	8.70"	1.32"	3,500	1.02
P0780-BD22	7/8"	12.00"	15.00"	1.47"	5,200	3.25

NOTE:
MULTIPLE CONFIGURATIONS AVAILABLE FOR USE WITH THIS BODY.

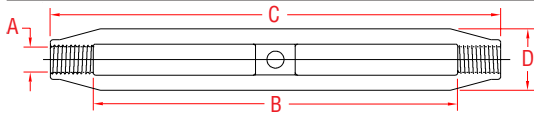
TURNBUCKLE BODY 316-NM STAINLESS STEEL



ITEM	A (size)	B (adjustment)	C	D	WLL (lb)	WT (lb)
S0106-BD07	1/4"	4.00"	4.75"	0.72"	500	0.15
S0106-BD08	5/16"	4.50"	5.50"	0.82"	800	0.25
S0106-BD10	3/8"	6.00"	7.13"	0.97"	1,200	0.35
S0106-BD13	1/2"	6.00"	7.50"	1.16"	2,200	0.55
S0106-BD16	5/8"	6.00"	7.81"	1.38"	3,500	0.90
S0106-BD20	3/4"	6.00"	8.19"	1.69"	5,200	1.15
S0106-BD25	1"	6.00"	9.00"	2.31"	8,000	2.69
S0106-BD25-1	1"	12.00"	14.81"	2.31"	8,000	4.17
S0106-BD32-1	1-1/4"	12.00"	15.13"	2.62"	12,500	5.90
S0106-BD38-1	1-1/2"	12.00"	15.81"	3.20"	17,000	9.57

NOTE:
MEETS WLL & DIMENSIONS OF ASTM SPECIFICATION F1145-92, TYPE 1.

TURNBUCKLE BODY - OPEN UNC THREAD - 316 STAINLESS STEEL

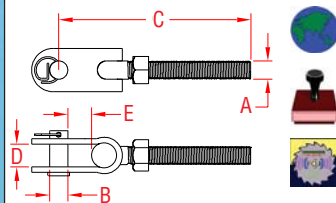


ITEM	A (size)	B (adjustment)	C	D	WLL (lb)	WT (lb)
P0105-BD05	3/16"	2.50"	3.28"	0.44"	300	0.04
P0105-BD07	1/4"	3.00"	3.98"	0.61"	440	0.10
P0105-BD08	5/16"	4.00"	5.10"	0.70"	800	0.15
P0105-BD10	3/8"	6.00"	7.50"	0.85"	1,200	0.34
P0105-BD13	1/2"	6.00"	7.41"	1.12"	2,200	0.61
P0105-BD16	5/8"	8.00"	9.94"	1.34"	2,800	1.08
P0105-BD20	3/4"	10.00"	12.10"	1.70"	3,500	1.90

NOTE:
MULTIPLE CONFIGURATIONS AVAILABLE FOR USE WITH THIS BODY.

TURNBUCKLE TOGGLE

UNF THREAD
316 STAINLESS STEEL



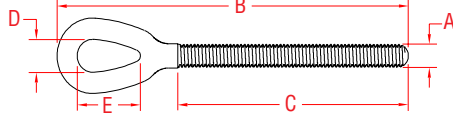
ITEM	A (size)	B	C	D	E	WLL (lb)	WT (lb)
RIGHT HAND, UNF							
P0780-RT05	3/16"	0.19"	3.00"	0.25"	0.58"	240	0.05
P0780-RT07	1/4"	0.23"	3.41"	0.37"	0.45"	550	0.09
P0780-RT09	5/16"	0.31"	3.95"	0.39"	0.44"	860	0.17
P0780-RT10	3/8"	0.37"	4.35"	0.52"	0.75"	1,700	0.27
P0780-RT13	1/2"	0.47"	5.60"	0.59"	0.62"	2,060	0.66
P0780-RT16	5/8"	0.62"	6.65"	0.79"	0.83"	2,800	1.45
LEFT HAND, UNF							
P0780-LT05	3/16"	0.19"	3.00"	0.25"	0.58"	240	0.05
P0780-LT07	1/4"	0.23"	3.41"	0.37"	0.45"	550	0.09
P0780-LT09	5/16"	0.31"	3.95"	0.39"	0.44"	860	0.17
P0780-LT10	3/8"	0.37"	4.35"	0.52"	0.75"	1,700	0.27
P0780-LT13	1/2"	0.47"	5.60"	0.59"	0.62"	2,060	0.66
P0780-LT16	5/8"	0.62"	6.65"	0.79"	0.83"	2,800	1.45

NOTE:
USE WITH "CLOSED" TURNBUCKLE BODY (P0780-BD, ABOVE).

TURNBUCKLE COMPONENTS

TURNBUCKLE COMPONENTS

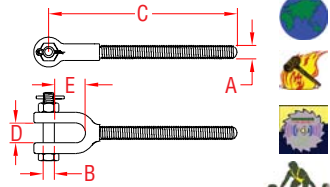
TURNBUCKLE EYE - FORGED UNC THREAD - 316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
RIGHT HAND, UNC							
P0106-RE07	1/4"	4.15"	2.65"	0.34"	0.80"	500	0.07
P0106-RE08	5/16"	4.95"	2.98"	0.44"	0.96"	800	0.13
P0106-RE10	3/8"	6.12"	4.02"	0.54"	1.10"	1,200	0.23
P0106-RE13	1/2"	7.00"	4.16"	0.72"	1.40"	2,200	0.43
P0106-RE16	5/8"	8.00"	4.40"	0.89"	1.74"	3,500	0.75
P0106-RE20	3/4"	8.75"	4.75"	1.00"	2.04"	5,200	1.30
P0106-RE25	1"	10.97"	5.06"	1.34"	3.00"	8,000	3.17
P0106-RE25-1	1"	14.00"	8.05"	1.34"	3.00"	8,000	3.71
P0106-RE32-1	1-1/4"	14.91"	7.95"	1.58"	3.37"	12,500	5.94
LEFT HAND, UNC							
P0106-LE07	1/4"	4.15"	2.65"	0.34"	0.80"	500	0.07
P0106-LE08	5/16"	4.95"	2.98"	0.44"	0.96"	800	0.13
P0106-LE10	3/8"	6.12"	4.02"	0.54"	1.10"	1,200	0.23
P0106-LE13	1/2"	7.00"	4.16"	0.72"	1.40"	2,200	0.43
P0106-LE16	5/8"	8.00"	4.40"	0.89"	1.74"	3,500	0.75
P0106-LE20	3/4"	8.75"	4.75"	1.00"	2.04"	5,200	1.30
P0106-LE25	1"	10.97"	5.06"	1.34"	3.00"	8,000	3.17
P0106-LE25-1	1"	14.00"	8.05"	1.34"	3.00"	8,000	3.71
P0106-LE32-1	1-1/4"	14.91"	7.95"	1.58"	3.37"	12,500	5.94

NOTE:
USE WITH FORGED "OPEN" TURNBUCKLE BODY (S0106-BD, PAGE 23).

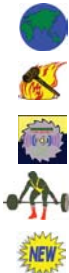
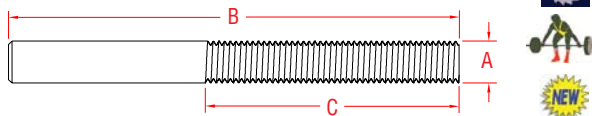
TURNBUCKLE JAW - FORGED UNC THREAD 316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
RIGHT HAND, UNC							
P0106-RJ07	1/4"	0.25"	3.88"	0.44"	0.66"	500	0.11
P0106-RJ08	5/16"	0.25"	4.60"	0.50"	0.85"	800	0.20
P0106-RJ10	3/8"	0.31"	5.31"	0.56"	0.88"	1,200	0.30
P0106-RJ13	1/2"	0.38"	6.04"	0.63"	1.07"	2,200	0.58
P0106-RJ16	5/8"	0.50"	6.87"	0.75"	1.42"	3,500	1.04
P0106-RJ20	3/4"	0.63"	7.56"	1.00"	1.50"	5,200	1.84
P0106-RJ25	1"	0.88"	9.09"	1.25"	2.17"	8,000	4.14
P0106-RJ25-1	1"	0.88"	12.14"	1.25"	2.17"	8,000	4.73
P0106-RJ32-1	1-1/4"	1.11"	13.49"	1.88"	2.90"	12,500	8.41
LEFT HAND, UNC							
P0106-LJ07	1/4"	0.25"	3.88"	0.44"	0.66"	500	0.11
P0106-LJ08	5/16"	0.25"	4.60"	0.50"	0.85"	800	0.20
P0106-LJ10	3/8"	0.31"	5.31"	0.56"	0.88"	1,200	0.30
P0106-LJ13	1/2"	0.38"	6.04"	0.63"	1.07"	2,200	0.58
P0106-LJ16	5/8"	0.50"	6.87"	0.75"	1.42"	3,500	1.04
P0106-LJ20	3/4"	0.63"	7.56"	1.00"	1.50"	5,200	1.84
P0106-LJ25	1"	0.88"	9.09"	1.25"	2.17"	8,000	4.14
P0106-LJ25-1	1"	0.88"	12.14"	1.25"	2.17"	8,000	4.73
P0106-LJ32-1	1-1/4"	1.11"	13.49"	1.88"	2.90"	12,500	8.41

NOTE:
USE WITH FORGED "OPEN" TURNBUCKLE BODY (S0106-BD, PAGE 23).

TURNBUCKLE STUB - FORGED UNC THREAD - 316 STAINLESS STEEL

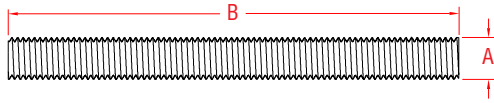


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
RIGHT HAND, UNC					
P0106-RS05	3/16"	2.50"	1.80"	300	0.02
P0106-RS07	1/4"	4.50"	2.50"	500	0.05
P0106-RS08	5/16"	5.25"	3.00"	800	0.10
P0106-RS10	3/8"	6.50"	4.00"	1,200	0.18
P0106-RS13	1/2"	7.00"	4.00"	2,200	0.31
P0106-RS16	5/8"	7.50"	4.32"	3,500	0.58
P0106-RS20	3/4"	8.00"	5.00"	5,200	0.92
P0106-RS25	1"	9.00"	5.00"	8,000	1.84
P0106-RS25-1	1"	12.00"	8.18"	8,000	2.40
LEFT HAND, UNC					
P0106-LS05	3/16"	2.50"	1.80"	300	0.02
P0106-LS07	1/4"	4.50"	2.50"	500	0.05
P0106-LS08	5/16"	5.25"	3.00"	800	0.10
P0106-LS10	3/8"	6.50"	4.00"	1,200	0.18
P0106-LS13	1/2"	7.00"	4.00"	2,200	0.31
P0106-LS16	5/8"	7.50"	4.32"	3,500	0.58
P0106-LS20	3/4"	8.00"	5.00"	5,200	0.92
P0106-LS25	1"	9.00"	5.00"	8,000	1.84
P0106-LS25-1	1"	12.00"	8.18"	8,000	2.40

NOTE:
USE WITH FORGED "OPEN" TURNBUCKLE BODY (S0106-BD, PAGE 23).

TURNBUCKLE COMPONENTS

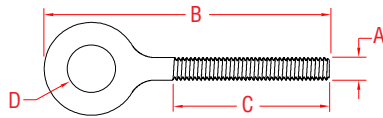
TURNBUCKLE STUD - THREADED UNC THREAD - 316 STAINLESS STEEL



ITEM	A	B	WLL	WT
	(size)		(lb)	(lb)
RIGHT HAND, UNC				
P0106-RT05	3/16"	2.50"	300	0.02
P0106-RT07	1/4"	4.50"	500	0.05
P0106-RT08	5/16"	5.25"	800	0.09
P0106-RT10	3/8"	6.50"	1,200	0.16
P0106-RT13	1/2"	7.00"	2,200	0.31
P0106-RT16	5/8"	7.50"	3,500	0.53
P0106-RT20	3/4"	8.00"	5,200	0.83
P0106-RT25	1"	9.00"	8,000	1.69
LEFT HAND, UNC				
P0106-LT05	3/16"	2.50"	300	0.02
P0106-LT07	1/4"	4.50"	500	0.05
P0106-LT08	5/16"	5.25"	800	0.09
P0106-LT10	3/8"	6.50"	1,200	0.16
P0106-LT13	1/2"	7.00"	2,200	0.31
P0106-LT16	5/8"	7.50"	3,500	0.53
P0106-LT20	3/4"	8.00"	5,200	0.83
P0106-LT25	1"	9.00"	8,000	1.69

NOTE:
USE WITH FORGED "OPEN" TURNBUCKLE BODY (S0106-BD, PAGE 23).

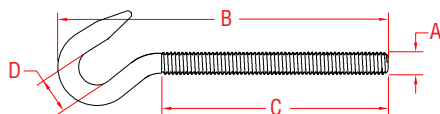
TURNBUCKLE EYE UNC THREAD - 316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
RIGHT HAND, UNC						
P0154-RE05	3/16"	2.75"	1.73"	0.38"	300	0.02
P0154-RE07	1/4"	3.15"	2.06"	0.44"	440	0.04
P0154-RE08	5/16"	3.76"	2.53"	0.52"	800	0.08
P0154-RE10	3/8"	5.48"	3.78"	0.67"	1,200	0.18
P0154-RE13	1/2"	5.87"	3.79"	0.78"	2,200	0.35
P0154-RE16	5/8"	7.84"	5.35"	0.87"	2,800	0.73
P0154-RE20	3/4"	9.16"	6.28"	1.15"	3,500	1.30
LEFT HAND, UNC						
P0154-LE05	3/16"	2.75"	1.73"	0.38"	300	0.02
P0154-LE07	1/4"	3.15"	2.06"	0.44"	440	0.04
P0154-LE08	5/16"	3.76"	2.53"	0.52"	800	0.08
P0154-LE10	3/8"	5.48"	3.78"	0.67"	1,200	0.18
P0154-LE13	1/2"	5.87"	3.79"	0.78"	2,200	0.35
P0154-LE16	5/8"	7.84"	5.35"	0.87"	2,800	0.73
P0154-LE20	3/4"	9.16"	6.28"	1.15"	3,500	1.30

NOTE:
USE WITH "OPEN" TURNBUCKLE BODY (P0105-BD, PAGE 23).

TURNBUCKLE HOOK UNC THREAD - 316 STAINLESS STEEL



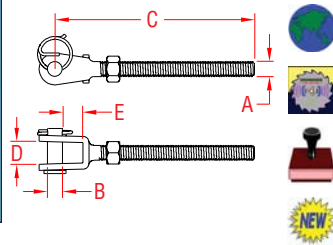
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
RIGHT HAND, UNC						
P0154-RH05	3/16"	2.70"	1.78"	0.30"	100	0.02
P0154-RH07	1/4"	3.18"	2.05"	0.38"	200	0.04
P0154-RH08	5/16"	3.97"	2.52"	0.45"	400	0.08
P0154-RH10	3/8"	5.41"	3.71"	0.52"	700	0.16
P0154-RH13	1/2"	5.80"	3.65"	0.56"	1,000	0.33
P0154-RH16	5/8"	8.00"	5.45"	0.75"	1,500	0.66
P0154-RH20	3/4"	8.88"	5.92"	0.97"	2,000	1.12
LEFT HAND, UNC						
P0154-LH05	3/16"	2.70"	1.78"	0.30"	100	0.02
P0154-LH07	1/4"	3.18"	2.05"	0.38"	200	0.04
P0154-LH08	5/16"	3.97"	2.52"	0.45"	400	0.08
P0154-LH10	3/8"	5.41"	3.71"	0.52"	700	0.16
P0154-LH13	1/2"	5.80"	3.65"	0.56"	1,000	0.33
P0154-LH16	5/8"	8.00"	5.45"	0.75"	1,500	0.66
P0154-LH20	3/4"	8.88"	5.92"	0.97"	2,000	1.12

NOTE:
USE WITH "OPEN" TURNBUCKLE BODY (P0105-BD, PAGE 23).

TURNBUCKLE COMPONENTS

TURNBUCKLE JAW

UNC THREAD
316 STAINLESS STEEL

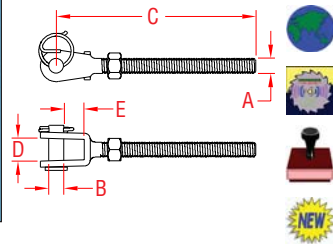


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
RIGHT HAND, UNC							
P0101-RJ05	3/16"	0.19"	2.33"	0.37"	0.35"	300	0.04
P0101-RJ07	1/4"	0.23"	2.87"	0.41"	0.38"	440	0.06
P0101-RJ08	5/16"	0.30"	3.53"	0.42"	0.38"	800	0.11
P0101-RJ10	3/8"	0.38"	4.04"	0.54"	0.48"	1,200	0.21
P0101-RJ13	1/2"	0.46"	4.80"	0.71"	0.76"	2,200	0.38
P0101-RJ16	5/8"	0.62"	6.00"	0.73"	0.86"	2,800	0.95
LEFT HAND, UNC							
P0101-LJ05	3/16"	0.19"	2.33"	0.37"	0.35"	300	0.04
P0101-LJ07	1/4"	0.23"	2.87"	0.41"	0.38"	440	0.06
P0101-LJ08	5/16"	0.30"	3.53"	0.42"	0.38"	800	0.11
P0101-LJ10	3/8"	0.38"	4.04"	0.54"	0.48"	1,200	0.21
P0101-LJ13	1/2"	0.46"	4.80"	0.71"	0.76"	2,200	0.38
P0101-LJ16	5/8"	0.62"	6.00"	0.73"	0.86"	2,800	0.95

NOTE:
USE WITH "CLOSED" TURNBUCKLE BODY (P0101-BD, PAGE 23).

TURNBUCKLE JAW

UNC THREAD
316 STAINLESS STEEL

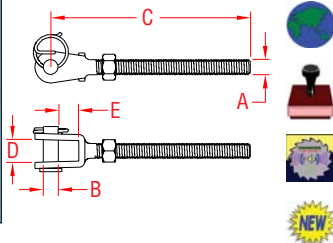


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
RIGHT HAND, UNC							
P0105-RJ05	3/16"	0.19"	2.33"	0.37"	0.35"	300	0.04
P0105-RJ07	1/4"	0.23"	2.87"	0.41"	0.38"	440	0.06
P0105-RJ08	5/16"	0.30"	3.53"	0.42"	0.38"	800	0.11
P0105-RJ10	3/8"	0.38"	4.98"	0.54"	0.48"	1,200	0.23
P0105-RJ13	1/2"	0.46"	5.58"	0.71"	0.76"	2,200	0.41
P0105-RJ16	5/8"	0.62"	7.35"	0.73"	0.86"	2,800	0.96
P0105-RJ20	3/4"	0.75"	9.04"	0.86"	1.15"	3,500	1.56
LEFT HAND, UNC							
P0105-LJ05	3/16"	0.19"	2.33"	0.37"	0.35"	300	0.04
P0105-LJ07	1/4"	0.23"	2.87"	0.41"	0.38"	440	0.06
P0105-LJ08	5/16"	0.30"	3.53"	0.42"	0.38"	800	0.11
P0105-LJ10	3/8"	0.38"	4.98"	0.54"	0.48"	1,200	0.23
P0105-LJ13	1/2"	0.46"	5.58"	0.71"	0.76"	2,200	0.41
P0105-LJ16	5/8"	0.62"	7.35"	0.73"	0.86"	2,800	0.96
P0105-LJ20	3/4"	0.75"	9.04"	0.86"	1.15"	3,500	1.56

NOTE:
USE WITH "OPEN" TURNBUCKLE BODY (P0105-BD, PAGE 23).

TURNBUCKLE JAW

UNF THREAD
316 STAINLESS STEEL

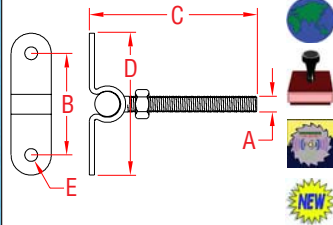


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
RIGHT HAND, UNF							
P0780-RJ05	3/16"	0.19"	2.39"	0.34"	0.36"	300	0.04
P0780-RJ07	1/4"	0.23"	3.19"	0.38"	0.40"	440	0.07
P0780-RJ09	5/16"	0.31"	3.35"	0.42"	0.38"	800	0.11
P0780-RJ10	3/8"	0.37"	3.70"	0.47"	0.51"	1,200	0.19
P0780-RJ13	1/2"	0.47"	4.71"	0.61"	0.74"	2,200	0.39
P0780-RJ16	5/8"	0.62"	6.02"	0.68"	1.00"	2,800	0.86
LEFT HAND, UNF							
P0780-LJ05	3/16"	0.19"	2.39"	0.34"	0.36"	300	0.04
P0780-LJ07	1/4"	0.23"	3.19"	0.38"	0.40"	440	0.07
P0780-LJ09	5/16"	0.31"	3.35"	0.42"	0.38"	800	0.11
P0780-LJ10	3/8"	0.37"	3.70"	0.47"	0.51"	1,200	0.19
P0780-LJ13	1/2"	0.47"	4.71"	0.61"	0.74"	2,200	0.39
P0780-LJ16	5/8"	0.62"	6.02"	0.68"	1.00"	2,800	0.86

NOTE:
USE WITH "CLOSED" TURNBUCKLE BODY (P0780-BD, PAGE 23).

TURNBUCKLE WALL TOGGLE

UNF THREAD
316 STAINLESS STEEL



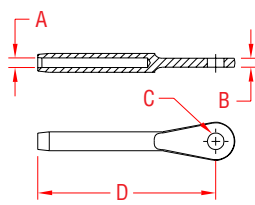
ITEM	A	B	C	D	E	WT
	(size)					(lb)
RIGHT HAND, UNF						
P0770-WT07	1/4"	1.62"	2.98"	2.16"	0.24"	0.09
P0770-WT09	5/16"	2.00"	3.29"	2.80"	0.31"	0.16
P0770-WT10	3/8"	2.22"	3.61"	3.10"	0.39"	0.23
LEFT HAND, UNF						
P0776-WT07	1/4"	1.62"	2.98"	2.16"	0.24"	0.09
P0776-WT09	5/16"	2.00"	3.29"	2.80"	0.31"	0.16
P0776-WT10	3/8"	2.22"	3.61"	3.10"	0.39"	0.23

NOTE:
USE WITH "CLOSED" TURNBUCKLE BODY (P0780-BD, PAGE 23).
REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

MIL. SPEC SWAGE EYE



STAINLESS STEEL



ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
MS20668-2	1/16"	0.09"	0.19"	1.63"	0.160"	0.138"
MS20668-3	3/32"	0.10"	0.19"	2.04"	0.218"	0.190"
MS20668-4	1/8"	0.19"	0.19"	2.34"	0.250"	0.219"
MS20668-5	5/32"	0.20"	0.25"	2.68"	0.297"	0.250"
MS20668-6	3/16"	0.26"	0.31"	3.02"	0.359"	0.313"
MS20668-8	1/4"	0.31"	0.38"	3.76"	0.494"	0.438"
MS20668-10	5/16"	0.34"	0.44"	4.55"	0.635"	0.563"
MS20668-12	3/8"	0.38"	0.50"	5.56"	0.703"	0.625"

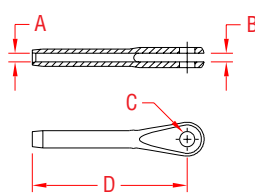
NOTE: THESE FITTINGS MEET MIL SPEC #MS20668 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781. MACHINE SWAGE ONLY.

MIL.SPEC

MIL. SPEC SWAGE FORK



STAINLESS STEEL



ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
MS20667-2	1/16"	0.09"	0.19"	1.57"	0.160"	0.138"
MS20667-3	3/32"	0.11"	0.19"	1.95"	0.218"	0.190"
MS20667-4	1/8"	0.20"	0.19"	2.35"	0.250"	0.219"
MS20667-5	5/32"	0.20"	0.25"	2.67"	0.297"	0.250"
MS20667-6	3/16"	0.26"	0.31"	3.07"	0.359"	0.313"
MS20667-8	1/4"	0.31"	0.38"	3.81"	0.494"	0.438"
MS20667-10	5/16"	0.35"	0.44"	4.44"	0.635"	0.563"
MS20667-12	3/8"	0.38"	0.50"	5.33"	0.703"	0.625"

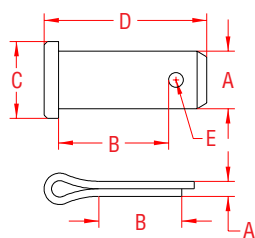
NOTE: THESE FITTINGS MEET MIL SPEC #MS20667 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781. MACHINE SWAGE ONLY.

MIL.SPEC

CLEVIS PIN



304 STAINLESS STEEL

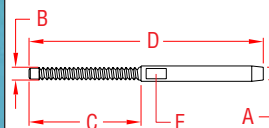


ITEM	A	B	C	D	E	WT
	(size)					(lb)
CLEVIS PIN						
P0116-RP0508	3/16"	0.31"	0.31"	0.50"	0.081"	0.004
P0116-RP0510	3/16"	0.41"	0.31"	0.59"	0.081"	0.005
P0116-RP0610	1/4"	0.41"	0.38"	0.59"	0.089"	0.009
P0116-RP0813	5/16"	0.56"	0.44"	0.78"	0.098"	0.017
P0116-RP1022	3/8"	0.81"	0.50"	1.06"	0.098"	0.033
P0116-RP1222	7/16"	0.88"	0.63"	1.19"	0.141"	0.040
P0116-RP1325	1/2"	1.00"	0.69"	1.34"	0.141"	0.050
COTTER PIN						
P0116-CT01	1/16"	0.75"	(For use w/ Clevis Pins: -RP0508, -RP0510 & -RP0610)			
P0116-CT07	3/32"	1.00"	(For use w/ Clevis Pins: -RP0813 & -RP1022)			
P0116-CT13	1/8"	1.25"	(For use w/ Clevis Pins: -RP1222 & -RP1325)			

MIL. SPEC SWAGE STUD



**UNF THREAD
STAINLESS STEEL**



ITEM	A	B	C	D	E	WT
	(wire)	(thread)			(wrench flat)	(lb)
RIGHT HAND, UNF						
MS21259-2RH	1/16"	0.14"	1.05"	2.47"	0.16"	0.01
MS21259-3RH	3/32"	0.19"	1.20"	2.88"	0.19"	0.02
MS21259-4RH	1/8"	0.25"	1.38"	3.33"	0.25"	0.04
MS21259-5RH	5/32"	0.25"	1.38"	3.63"	0.25"	0.05
MS21259-6RH	3/16"	0.31"	1.45"	4.00"	0.31"	0.08
MS21259-8RH	1/4"	0.38"	1.75"	4.94"	0.44"	0.17
MS21259-10RH	5/16"	0.50"	2.00"	5.84"	0.63"	0.38
MS21259-12RH	3/8"	0.56"	2.25"	6.66"	0.69"	0.50
LEFT HAND, UNF						
MS21259-2LH	1/16"	0.14"	1.05"	2.47"	0.16"	0.01
MS21259-3LH	3/32"	0.19"	1.20"	2.88"	0.19"	0.02
MS21259-4LH	1/8"	0.25"	1.38"	3.33"	0.25"	0.04
MS21259-5LH	5/32"	0.25"	1.38"	3.63"	0.25"	0.05
MS21259-6LH	3/16"	0.31"	1.45"	4.00"	0.31"	0.08
MS21259-8LH	1/4"	0.38"	1.75"	4.94"	0.44"	0.17
MS21259-10LH	5/16"	0.50"	2.00"	5.84"	0.63"	0.38
MS21259-12LH	3/8"	0.56"	2.25"	6.66"	0.69"	0.50

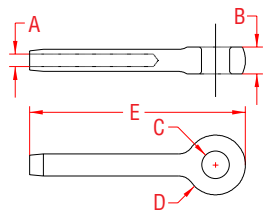
NOTE:

THESE FITTINGS MEET MIL SPEC #MS21259 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781. ALL THREADS ARE "UNF". MACHINE SWAGE ONLY.

MIL.SPEC

MIL. SPEC SPECIAL EYE

STAINLESS STEEL



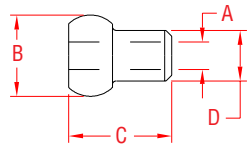
ITEM	A	B	C	D	E	WT
	(wire)					(lb)
RA-3266-6	3/16"	0.44"	0.45"	0.97"	3.02"	0.12

NOTE: THIS FITTING HAS MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781. MACHINE SWAGE ONLY.

MIL.SPEC

MIL. SPEC SINGLE SHANK BALL

STAINLESS STEEL



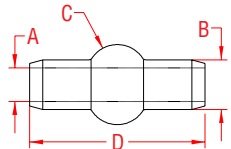
ITEM	A	B BEFORE	B AFTER	C	D BEFORE	D AFTER
	(wire)	(swage)	(swage)		(swage)	(swage)
MS20664C2	1/16"	0.212"	0.190"	0.27"	0.132"	0.112"
MS20664C3	3/32"	0.282"	0.253"	0.38"	0.168"	0.143"
MS20664C4	1/8"	0.350"	0.315"	0.50"	0.223"	0.190"
MS20664C5	5/32"	0.424"	0.379"	0.62"	0.259"	0.222"
MS20664C6	3/16"	0.492"	0.442"	0.73"	0.298"	0.255"
MS20664C7	7/32"	0.560"	0.505"	0.85"	0.352"	0.302"
MS20664C8	1/4"	0.629"	0.567"	0.96"	0.406"	0.348"
MS20664C10	5/16"	0.768"	0.694"	1.19"	0.480"	0.413"

NOTE: THESE FITTINGS MEET MIL SPEC #MS20664 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781 AND ARE APPROVED FOR LISTING IN QPL-781. MACHINE SWAGE ONLY.

MIL.SPEC

MIL. SPEC DOUBLE SHANK BALL

STAINLESS STEEL



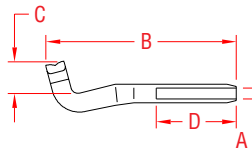
ITEM	A	B BEFORE	B AFTER	C BEFORE	C AFTER	D
	(wire)	(swage)	(swage)	(swage)	(swage)	
MS20663C2	1/16"	0.127"	0.112"	0.207"	0.190"	0.36"
MS20663C3	3/32"	0.163"	0.143"	0.277"	0.253"	0.53"
MS20663C4	1/8"	0.218"	0.190"	0.345"	0.315"	0.69"
MS20663C5	5/32"	0.254"	0.222"	0.419"	0.379"	0.85"
MS20663C6	3/16"	0.293"	0.255"	0.487"	0.442"	1.01"
MS20663C7	7/32"	0.347"	0.302"	0.555"	0.505"	1.18"
MS20663C8	1/4"	0.401"	0.348"	0.624"	0.567"	1.34"
MS20663C10	5/16"	0.475"	0.413"	0.763"	0.694"	1.66"

NOTE: THESE FITTINGS MEET MIL SPEC #MS20663 AND HAVE MET ALL QUALITY AND TESTING REQUIREMENTS PER MIL-DTL-781.

MIL.SPEC

SWAGE "T" TERMINAL

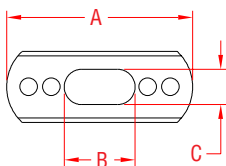
316 STAINLESS STEEL



ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
S0742-0002	3/32"	2.76"	0.51"	1.26"	0.218"	0.190"
S0742-0003	1/8"	3.03"	0.51"	1.53"	0.250"	0.219"
S0742-0004	5/32"	3.74"	0.51"	1.77"	0.297"	0.250"
S0742-0005	3/16"	3.98"	0.59"	2.05"	0.359"	0.313"
S0742-0006	7/32"	5.12"	0.79"	2.28"	0.427"	0.375"
S0742-0007	1/4"	5.12"	0.79"	2.52"	0.494"	0.438"
S0742-0008	9/32"	5.35"	0.79"	2.79"	0.563"	0.500"
S0742-0009	5/16"	6.61"	0.91"	3.03"	0.635"	0.563"
S0742-0010	3/8"	7.58"	0.95"	3.80"	0.708"	0.628"

"T" - PLATE

316 STAINLESS STEEL

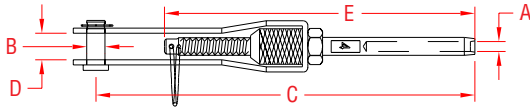


ITEM	FITS SIZE	A	B	C	WT
					(lb)
S0743-0003	3/32" - 1/8"	1.97"	0.51"	0.28"	0.02
S0743-0005	5/32" - 3/16"	3.47"	1.04"	0.38"	0.08
S0743-0007	7/32" - 1/4" - 9/32"	4.84"	1.36"	0.61"	0.21
S0743-0010	5/16" - 3/8"	5.94"	1.61"	0.75"	0.50

NOTE: REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

LIFELINE ADJUSTER

316 STAINLESS STEEL



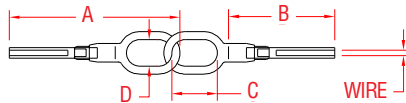
ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0745-0003	1/8"	0.24"	5.25"	0.42"	4.35"	0.16
S0745-0004	5/32"	0.24"	5.67"	0.42"	4.70"	0.18
S0745-0005	3/16"	0.24"	5.89"	0.42"	4.97"	0.20

NOTE:
TENSIONER DESIGNED FOR, BUT NOT LIMITED TO, LIFELINE APPLICATIONS. MACHINE SWAGE ONLY.

HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 39.

GATE TERMINALS

316 STAINLESS STEEL



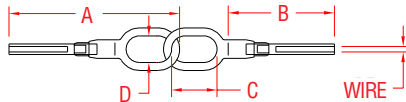
ITEM	SIZE	WIRE	A	B	C	D
GATE EYE						
S0744-0003	1/8"	1/8"	4.07"	2.36"	1.05"	0.59"
S0744-0004	5/32"	5/32"	4.41"	2.70"	1.05"	0.59"
S0744-0005	3/16"	3/16"	4.71"	3.00"	1.05"	0.59"
JOINED GATE EYES						
S0746-0003	1/8"	1/8"	4.07"	2.36"	1.05"	0.59"
S0746-0004	5/32"	5/32"	4.41"	2.70"	1.05"	0.59"
S0746-0005	3/16"	3/16"	4.71"	3.00"	1.05"	0.59"

NOTE:
PRECISION CAST, THEN WELDED. MACHINE SWAGE ONLY.

HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 40.

SWIVEL GATE TERMINALS

316 STAINLESS STEEL



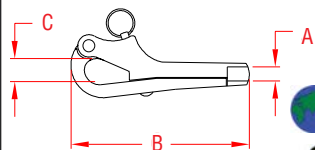
ITEM	SIZE	WIRE	A	B	C	D
SWIVEL GATE EYE						
S0718-0003	1/8"	1/8"	3.77"	2.34"	0.84"	0.59"
S0718-0004	5/32"	5/32"	4.12"	2.68"	0.84"	0.59"
S0718-0005	3/16"	3/16"	4.41"	2.97"	0.84"	0.59"
JOINED SWIVEL GATE EYES						
S0719-0003	1/8"	1/8"	3.77"	2.34"	0.84"	0.59"
S0719-0004	5/32"	5/32"	4.12"	2.68"	0.84"	0.59"
S0719-0005	3/16"	3/16"	4.41"	2.97"	0.84"	0.59"

NOTE:
PRECISION CAST, THEN WELDED. MACHINE SWAGE ONLY.

HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 40.

PELICAN HOOK

316 STAINLESS STEEL

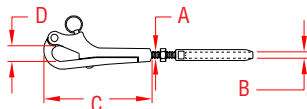


ITEM	A	B	C	WT
	(thread)			(lb)
S0162-0007	1/4"	2.96"	0.50"	0.16
S0162-0008	5/16"	3.87"	0.64"	0.28
S0162-0013	1/2"	6.00"	1.00"	0.92

NOTE:
ALL THREADS ARE RIGHT HAND "UNF". OTHER COMBINATIONS ARE AVAILABLE. PLEASE CALL WITH YOUR SPECIFICATIONS. PELICAN HOOK WITH SLIDE IS ITEM #S0180 IN HOOKS ON PAGE 65.

PELICAN HOOK W/ SWAGE STUD

316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(thread)	(wire)			(lb)
S0162-A007	1/4"	1/8"	2.96"	0.50"	0.20
S0162-A008	5/16"	3/16"	3.87"	0.64"	0.37
S0162-A013	1/2"	1/4"	6.00"	1.00"	1.19

NOTE:
ALL THREADS ARE RIGHT HAND "UNF". S0731-SERIES SWAGE STUDS ARE USED FOR THIS ASSEMBLY. INFORMATION REGARDING THE S0731-SERIES CAN BE FOUND ON PAGE 33. MACHINE SWAGE ONLY.

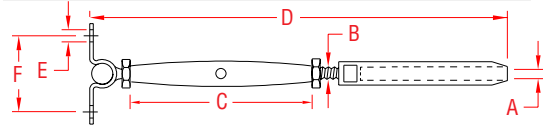
HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 39.

MACHINE SWAGE

MACHINE SWAGE

TURNBUCKLE WALL MOUNT & SWAGE

316 STAINLESS STEEL



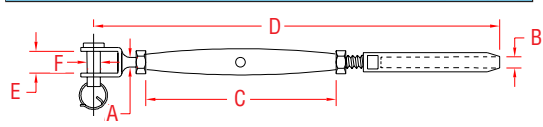
ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
S0784-0703	1/8"	1/4"	4.20"	7.25"	0.25"	1.58"	0.25
S0784-0704	5/32"	1/4"	4.20"	7.50"	0.25"	1.58"	0.28
S0784-0705	3/16"	1/4"	4.20"	8.00"	0.25"	1.58"	0.32

NOTE:
THREADS ARE "UNF". MACHINE SWAGE ONLY.
TURNBUCKLES WITH QUICK ATTACH™ FITTINGS ARE SHOWN ON PAGE 46.
HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 38.

REFERENCE "FASTENER MATCHING CHART"
(PAGE 154) FOR COMPATIBLE FASTENERS.

TURNBUCKLE JAW & SWAGE

316 STAINLESS STEEL

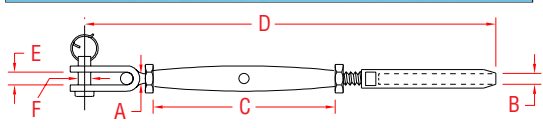


ITEM	A	B	C	D	E	F	WT
	(size)	(wire)					(lb)
S0781-0703	1/4"	1/8"	4.20"	7.50"	0.38"	0.22"	0.19
S0781-0704	1/4"	5/32"	4.20"	7.75"	0.38"	0.22"	0.21
S0781-0705	1/4"	3/16"	4.25"	8.25"	0.38"	0.22"	0.23
S0781-0904	5/16"	5/32"	4.32"	8.19"	0.40"	0.30"	0.35
S0781-0905	5/16"	3/16"	4.32"	8.56"	0.40"	0.30"	0.37
S0781-1005	3/8"	3/16"	4.90"	9.25"	0.46"	0.37"	0.53
S0781-1007	3/8"	1/4"	4.90"	10.00"	0.46"	0.37"	0.60
S0781-1307	1/2"	1/4"	5.87"	11.87"	0.59"	0.46"	1.09
S0781-1309	1/2"	5/16"	5.87"	12.62"	0.59"	0.46"	1.21
S0781-1610	5/8"	3/8"	7.48"	15.00"	0.70"	0.55"	2.50
S0781-2013	3/4"	1/2"	8.66"	17.40"	0.94"	0.75"	4.20

NOTE: OTHER CONFIGURATIONS ARE AVAILABLE.
THREADS ARE "UNF". MACHINE SWAGE ONLY.

TURNBUCKLE TOGGLE & SWAGE

316 STAINLESS STEEL

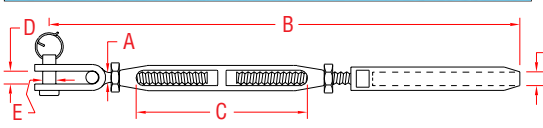


ITEM	A	B	C	D	E	F	WT
	(size)	(wire)					(lb)
S0782-0501	3/16"	1/16"	3.56"	6.62"	0.26"	0.19"	0.14
S0782-0502	3/16"	3/32"	3.56"	6.87"	0.26"	0.19"	0.14
S0782-0702	1/4"	3/32"	4.20"	7.62"	0.35"	0.23"	0.22
S0782-0703	1/4"	1/8"	4.20"	7.87"	0.35"	0.23"	0.25
S0782-0704	1/4"	5/32"	4.20"	8.12"	0.35"	0.23"	0.27
S0782-0904	5/16"	5/32"	4.32"	8.56"	0.40"	0.31"	0.40
S0782-0905	5/16"	3/16"	4.32"	9.00"	0.40"	0.31"	0.43
S0782-1005	3/8"	3/16"	4.90"	9.75"	0.56"	0.37"	0.64
S0782-1007	3/8"	1/4"	4.90"	10.44"	0.56"	0.37"	0.69
S0782-1307	1/2"	1/4"	5.87"	12.25"	0.63"	0.47"	1.32
S0782-1309	1/2"	5/16"	5.87"	13.00"	0.63"	0.47"	1.50
S0782-1610	5/8"	3/8"	7.50"	17.00"	0.80"	0.62"	2.69

NOTE: THREADS ARE "UNF". MACHINE SWAGE ONLY.
HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 38.

TURNBUCKLE TOGGLE & SWAGE

CHROMED BRONZE BODY & STAINLESS ENDS

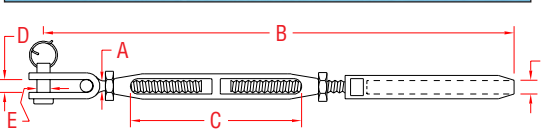


ITEM	A	B	C	D	E	F	WT
	(size)		(adjustment)			(wire)	(lb)
S0786-0703	1/4"	8.37"	3.50"	0.35"	0.23"	1/8"	0.27
S0786-0704	1/4"	8.81"	3.50"	0.35"	0.23"	5/32"	0.28
S0786-0705	1/4"	8.87"	3.50"	0.35"	0.23"	3/16"	0.32
S0786-0904	5/16"	9.25"	3.80"	0.40"	0.31"	5/32"	0.42
S0786-0905	5/16"	9.62"	3.80"	0.40"	0.31"	3/16"	0.44
S0786-1005	3/8"	11.50"	4.40"	0.56"	0.37"	3/16"	0.77
S0786-1006	3/8"	11.50"	4.40"	0.56"	0.37"	7/32"	0.79
S0786-1007	3/8"	11.50"	4.40"	0.56"	0.37"	1/4"	0.81
S0786-1307	1/2"	13.00"	4.62"	0.63"	0.47"	1/4"	1.48
S0786-1308	1/2"	13.25"	4.62"	0.63"	0.47"	9/32"	1.50
S0786-1309	1/2"	13.75"	4.62"	0.63"	0.47"	5/16"	1.50
S0786-1610	5/8"	17.31"	6.06"	0.79"	0.62"	3/8"	3.14

NOTE: THREADS ARE "UNF". MACHINE SWAGE ONLY.
HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 38.

TURNBUCKLE TOGGLE & SWAGE

BRONZE BODY & STAINLESS ENDS

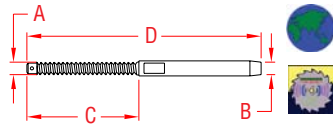


ITEM	A	B	C	D	E	F	WT
	(size)		(adjustment)			(wire)	(lb)
S0789-0703	1/4"	8.37"	3.50"	0.35"	0.23"	1/8"	0.27
S0789-0704	1/4"	8.81"	3.50"	0.35"	0.23"	5/32"	0.28
S0789-0705	1/4"	8.87"	3.50"	0.35"	0.23"	3/16"	0.32
S0789-0904	5/16"	9.25"	3.80"	0.40"	0.31"	5/32"	0.42
S0789-0905	5/16"	9.62"	3.80"	0.40"	0.31"	3/16"	0.44
S0789-1005	3/8"	11.50"	4.40"	0.56"	0.37"	3/16"	0.63
S0789-1007	3/8"	11.50"	4.40"	0.56"	0.37"	1/4"	0.67
S0789-1307	1/2"	13.00"	4.62"	0.63"	0.47"	1/4"	1.48
S0789-1308	1/2"	13.25"	4.62"	0.63"	0.47"	9/32"	1.50
S0789-1309	1/2"	13.75"	4.62"	0.63"	0.47"	5/16"	1.50
S0789-1610	5/8"	17.31"	6.06"	0.79"	0.62"	3/8"	3.14

NOTE:
THREADS ARE "UNF". OTHER CONFIGURATIONS,
SUCH AS TOGGLE/TOGGLE ARE AVAILABLE.

SWAGE STUD

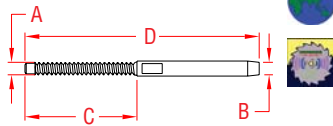
UNF, RIGHT HAND
316 STAINLESS STEEL



ITEM	A	B	C	D	BEFORE	AFTER
	(thread)	(wire)			(swage)	(swage)
S0731-0501	3/16"	1/16"	1.69"	3.37"	0.160"	0.138"
S0731-0502	3/16"	3/32"	1.75"	3.62"	0.218"	0.190"
S0731-0702	1/4"	3/32"	2.25"	4.12"	0.218"	0.190"
S0731-0703	1/4"	1/8"	2.20"	4.32"	0.250"	0.219"
S0731-0704	1/4"	5/32"	2.15"	4.64"	0.297"	0.250"
S0731-0705	1/4"	3/16"	2.19"	4.94"	0.359"	0.313"
S0731-0904	5/16"	5/32"	2.12"	4.84"	0.297"	0.250"
S0731-0905	5/16"	3/16"	2.50"	5.12"	0.359"	0.313"
S0731-1005	3/8"	3/16"	2.68"	5.12"	0.359"	0.313"
S0731-1006	3/8"	7/32"	2.72"	5.50"	0.427"	0.376"
S0731-1007	3/8"	1/4"	2.75"	5.87"	0.494"	0.438"
S0731-1307	1/2"	1/4"	3.00"	6.43"	0.494"	0.438"
S0731-1308	1/2"	9/32"	3.10"	6.73"	0.563"	0.500"
S0731-1309	1/2"	5/16"	3.12"	7.31"	0.635"	0.563"
S0731-1610	5/8"	3/8"	4.00"	8.69"	0.703"	0.625"
S0731-2013	3/4"	1/2"	4.75"	10.25"	0.844"	0.750"

SWAGE STUD

UNF, LEFT HAND
316 STAINLESS STEEL

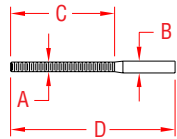


ITEM	A	B	C	D	BEFORE	AFTER
	(thread)	(wire)			(swage)	(swage)
S0732-0703	1/4"	1/8"	2.20"	4.32"	0.250"	0.219"
S0732-0704	1/4"	5/32"	2.15"	4.64"	0.297"	0.250"
S0732-0705	1/4"	3/16"	2.19"	4.94"	0.359"	0.313"
S0732-0904	5/16"	5/32"	2.42"	4.84"	0.359"	0.313"
S0732-0905	5/16"	3/16"	2.50"	5.12"	0.359"	0.313"
S0732-1005	3/8"	3/16"	2.68"	4.07"	0.359"	0.313"
S0732-1007	3/8"	1/4"	2.75"	5.87"	0.494"	0.438"
S0732-1307	1/2"	1/4"	3.00"	6.43"	0.494"	0.438"
S0732-1309	1/2"	5/16"	3.12"	7.31"	0.635"	0.563"
S0732-1610	5/8"	3/8"	4.00"	8.69"	0.703"	0.625"
S0732-2013	3/4"	1/2"	4.75"	10.25"	0.844"	0.750"

NOTE:
S0731-SERIES AND S0732-SERIES ARE FOR MACHINE SWAGE ONLY. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

RAIL SWAGE STUD, UNC

316 STAINLESS STEEL

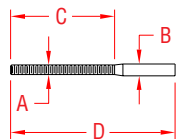


ITEM	A	B	C	D	BEFORE	AFTER
	(thread)	(wire)			(swage)	(swage)
RIGHT-UNC						
S0729-0703	1/4" UNC	1/8"	2.25"	4.00"	0.250"	0.219"
S0729-0704	1/4" UNC	5/32"	2.25"	4.00"	0.297"	0.250"
S0729-0705	1/4" UNC	3/16"	2.25"	4.00"	0.359"	0.313"
LEFT-UNC						
S0730-0703	1/4" UNC	1/8"	2.25"	4.00"	0.250"	0.219"
S0730-0704	1/4" UNC	5/32"	2.25"	4.00"	0.297"	0.250"
S0730-0705	1/4" UNC	3/16"	2.25"	4.00"	0.359"	0.313"

NOTE:
MACHINE SWAGE ONLY. THIS SLEEK SWAGE STUD IS IDEAL FOR ARCHITECTURAL APPLICATIONS. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

RAIL SWAGE STUD, UNF

316 STAINLESS STEEL

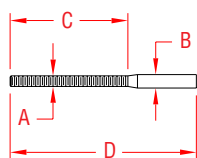


ITEM	A	B	C	D	BEFORE	AFTER
	(thread)	(wire)			(swage)	(swage)
RIGHT-UNF						
S0727-0703	1/4" UNF	1/8"	2.25"	4.00"	0.250"	0.219"
S0727-0704	1/4" UNF	5/32"	2.25"	4.00"	0.297"	0.250"
S0727-0705	1/4" UNF	3/16"	2.25"	4.00"	0.359"	0.313"
LEFT-UNF						
S0728-0703	1/4" UNF	1/8"	2.25"	4.00"	0.250"	0.219"
S0728-0704	1/4" UNF	5/32"	2.25"	4.00"	0.297"	0.250"
S0728-0705	1/4" UNF	3/16"	2.25"	4.00"	0.359"	0.313"

NOTE:
MACHINE SWAGE ONLY. THIS SLEEK SWAGE STUD IS IDEAL FOR ARCHITECTURAL APPLICATIONS. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

MINI SWAGE STUD

UNC
316 STAINLESS STEEL



ITEM	A	B	C	D	WIRE	WT
	(thread)				(diameter)	(lb)
LEFT HAND						
S0726-L704	1/4"	0.29"	1.39"	2.63"	5/32"	0.04
RIGHT HAND						
S0726-R704	1/4"	0.29"	1.39"	2.63"	5/32"	0.04

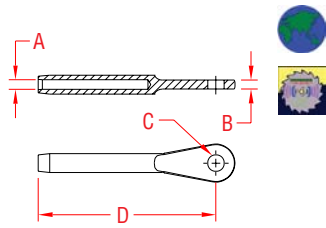
NOTE:
DESIGNED FOR USE WITH 5/32" DIAMETER WIRE ROPE. IDEAL FOR RAILING APPLICATIONS THAT CALL FOR VERTICAL WIRE ROPE BALUSTERS. STUDS THREAD INTO RIVET NUT INSERT INSTALLED IN RAILING. SHORTENED STUD LENGTH ALLOWS FOR UNOBSTRUCTED VIEWS AND A STREAMLINED LOOK.

MACHINE SWAGE

MACHINE SWAGE

SWAGE EYE

316 STAINLESS STEEL

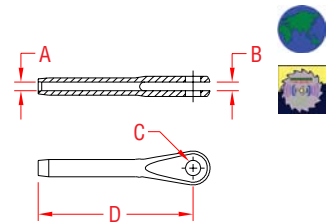


ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
S0733-0001	1/16"	0.09"	0.19"	1.63"	0.160"	0.138"
S0733-0002	3/32"	0.10"	0.19"	2.04"	0.218"	0.190"
S0733-0003	1/8"	0.19"	0.19"	2.34"	0.250"	0.219"
S0733-0004	5/32"	0.19"	0.25"	2.68"	0.297"	0.250"
S0733-0005	3/16"	0.26"	0.31"	3.02"	0.359"	0.313"
S0733-0006	7/32"	0.29"	0.31"	3.38"	0.427"	0.375"
S0733-0007	1/4"	0.31"	0.38"	3.76"	0.494"	0.438"
S0733-0009	5/16"	0.34"	0.44"	4.55"	0.635"	0.563"
S0733-0010	3/8"	0.38"	0.50"	5.56"	0.703"	0.625"
S0733-0013	1/2"	0.47"	0.63"	7.32"	0.844"	0.750"

NOTE: MACHINE SWAGE ONLY. DESIGNED TO MATE WITH S0734-SERIES SWAGE JAWS (BELOW).

SWAGE JAW

316 STAINLESS STEEL

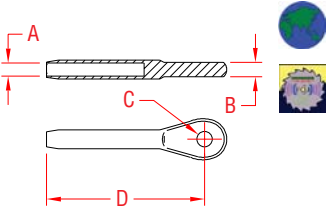


ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
S0734-0001	1/16"	0.09"	0.19"	1.57"	0.160"	0.138"
S0734-0002	3/32"	0.11"	0.19"	1.95"	0.218"	0.190"
S0734-0003	1/8"	0.20"	0.19"	2.35"	0.250"	0.219"
S0734-0004	5/32"	0.20"	0.25"	2.66"	0.297"	0.250"
S0734-0005	3/16"	0.26"	0.31"	3.07"	0.359"	0.313"
S0734-0006	7/32"	0.30"	0.31"	3.44"	0.427"	0.375"
S0734-0007	1/4"	0.31"	0.38"	3.81"	0.494"	0.438"
S0734-0009	5/16"	0.35"	0.44"	4.44"	0.635"	0.563"
S0734-0010	3/8"	0.38"	0.50"	5.33"	0.703"	0.625"
S0734-0013	1/2"	0.47"	0.63"	6.94"	0.844"	0.750"

NOTE: MACHINE SWAGE ONLY. DESIGNED TO MATE WITH S0733-SERIES SWAGE EYES (ABOVE).

SWAGE MARINE EYE

316 STAINLESS STEEL

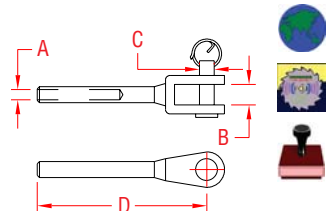


ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
S0735-0001	1/16"	0.22"	0.26"	1.50"	0.160"	0.138"
S0735-0002	3/32"	0.22"	0.26"	1.76"	0.218"	0.190"
S0735-0003	1/8"	0.22"	0.26"	2.09"	0.250"	0.219"
S0735-0004	5/32"	0.28"	0.33"	2.36"	0.297"	0.250"
S0735-0005	3/16"	0.36"	0.39"	2.75"	0.359"	0.313"
S0735-0006	7/32"	0.41"	0.45"	3.22"	0.427"	0.375"
S0735-0007	1/4"	0.47"	0.51"	3.63"	0.494"	0.438"
S0735-0008	9/32"	0.47"	0.51"	3.80"	0.563"	0.500"
S0735-0009	5/16"	0.59"	0.64"	4.50"	0.635"	0.563"
S0735-0010	3/8"	0.59"	0.64"	4.93"	0.703"	0.625"
S0735-0013	1/2"	0.84"	0.89"	7.38"	0.844"	0.750"

NOTE: MACHINE SWAGE ONLY. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

SWAGE MARINE JAW

316 STAINLESS STEEL

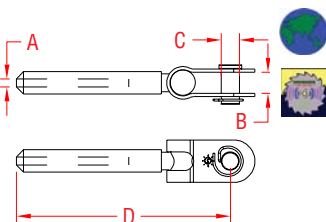


ITEM	A	B	C	D	BEFORE	AFTER
	(wire)				(swage)	(swage)
S0736-0001	1/16"	0.30"	0.19"	2.30"	0.160"	0.138"
S0736-0002	3/32"	0.30"	0.19"	2.30"	0.218"	0.190"
S0736-0003	1/8"	0.31"	0.19"	2.50"	0.250"	0.219"
S0736-0004	5/32"	0.39"	0.23"	2.90"	0.297"	0.250"
S0736-0005	3/16"	0.43"	0.31"	3.25"	0.359"	0.313"
S0736-0006	7/32"	0.49"	0.37"	3.72"	0.427"	0.375"
S0736-0007	1/4"	0.49"	0.43"	4.13"	0.494"	0.438"
S0736-0009	5/16"	0.56"	0.47"	5.08"	0.635"	0.563"
S0736-0010	3/8"	0.70"	0.55"	5.95"	0.703"	0.625"
S0736-0013	1/2"	0.94"	0.75"	7.90"	0.844"	0.750"

NOTE: MACHINE SWAGE ONLY. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

SWAGE MARINE TOGGLE

316 STAINLESS STEEL

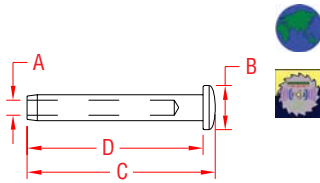


ITEM	A	B	C	D	BEFORE	AFTER
	(size)				(swage)	(swage)
S0737-0003	1/8"	0.38"	0.24"	2.78"	0.250"	0.219"
S0737-0004	5/32"	0.38"	0.24"	3.11"	0.297"	0.250"
S0737-0005	3/16"	0.39"	0.32"	3.70"	0.359"	0.313"
S0737-0006	7/32"	0.47"	0.39"	4.50"	0.427"	0.375"
S0737-0007	1/4"	0.47"	0.38"	4.49"	0.494"	0.438"
S0737-0008	9/32"	0.63"	0.47"	5.22"	0.563"	0.500"
S0737-0009	5/16"	0.63"	0.47"	5.53"	0.635"	0.563"
S0737-0010	3/8"	0.79"	0.63"	6.38"	0.703"	0.625"

NOTE: MACHINE SWAGE ONLY. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

SWAGE DOMEHEAD

316 STAINLESS STEEL

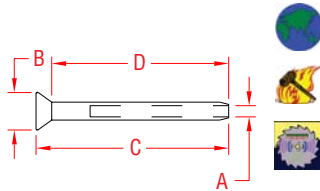


ITEM	A (size)	B	C	D	BEFORE (swage)	AFTER (swage)
S0738-0003	1/8"	0.39"	1.90"	1.77"	0.250"	0.219"
S0738-0004	5/32"	0.45"	2.18"	2.05"	0.297"	0.250"
S0738-0005	3/16"	0.55"	2.44"	2.28"	0.359"	0.313"
S0738-0007	1/4"	0.71"	2.99"	2.79"	0.494"	0.438"

NOTE:
MACHINE SWAGE REQUIRED. FOR PROPER FUNCTIONING, OBSERVE CORRECT "AFTER" DIMENSIONS.

SWAGE STEMBALL

316 STAINLESS STEEL

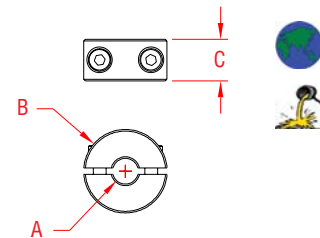


ITEM	A (wire)	B	C	D	BEFORE (swage)	AFTER (swage)
S0740-0003	1/8"	0.50"	2.28"	2.21"	0.250"	0.219"
S0740-0004	5/32"	0.61"	2.71"	2.48"	0.297"	0.250"
S0740-0005	3/16"	0.73"	3.08"	2.83"	0.359"	0.313"
S0740-0006	7/32"	0.77"	3.37"	3.11"	0.427"	0.375"
S0740-0007	1/4"	0.76"	3.52"	3.26"	0.494"	0.438"
S0740-0008	9/32"	0.81"	3.69"	3.43"	0.563"	0.500"
S0740-0009	5/16"	1.02"	4.60"	4.25"	0.635"	0.563"
S0740-0010	3/8"	1.04"	5.14"	4.68"	0.703"	0.625"

STEMBALL CUPS
S0741-0004 USE WITH S0740-0003, S0740-0004
S0741-0005 USE WITH S0740-0005
S0741-0007 USE WITH S0740-0006, S0740-0007
S0741-0010 USE WITH S0740-0009, S0740-0010

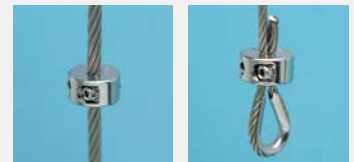
2 PART WIRE CLAMP/STOP

316 STAINLESS STEEL



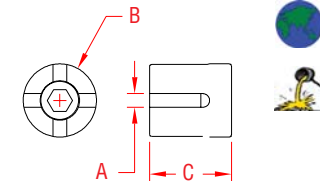
ITEM	A	B	C	WT (lb)
S0720-0003	1/8"	0.64"	0.40"	0.02
S0720-0004	5/32"	0.64"	0.40"	0.03
S0720-0005	3/16"	0.79"	0.40"	0.04
S0720-0007	1/4"	0.79"	0.40"	0.05

NOTE:
CAN BE USED IN ARCHITECTURAL FEATURES AS A WIRE CLAMP OR IN SHELVING SYSTEMS AS A STOP CLAMP. SIMPLE DESIGN OFFERS A CLEAN, CONTEMPORARY LOOK. PRODUCT SHOULD NEVER BE USED IN LIFTING APPLICATIONS.



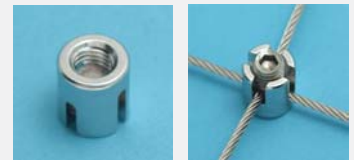
CROSS WIRE CLAMP

SURFACE MOUNT
316 STAINLESS STEEL



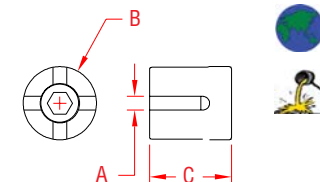
ITEM	A	B	C	WT (lb)
S0722-0003	1/8"	0.67"	0.75"	0.06
S0722-0004	5/32"	0.79"	0.83"	0.07
S0722-0005	3/16"	0.79"	0.91"	0.08

NOTE:
MAY BE USED ONLY FOR WIRE ROPE GUIDANCE PURPOSES (NOT AS AN END CONNECTOR). CAN BE USED IN ARCHITECTURAL APPLICATIONS SUCH AS TRELLIS SYSTEMS OR TO FORM WIRE NETTING. FITTING CAN BE THREADED ON TO SURFACE ANCHOR BOLT.



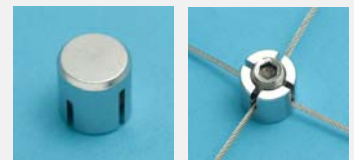
CROSS WIRE CLAMP

STANDARD
316 STAINLESS STEEL



ITEM	A	B	C	WT (lb)
S0721-0003	1/8"	0.67"	0.75"	0.07
S0721-0004	5/32"	0.79"	0.83"	0.08
S0721-0005	3/16"	0.79"	0.91"	0.09
S0721-0007	1/4"	0.79"	0.99"	0.11

NOTE:
MAY BE USED ONLY FOR WIRE ROPE GUIDANCE PURPOSES (NOT AS AN END CONNECTOR). CAN BE USED IN ARCHITECTURAL APPLICATIONS SUCH AS TRELLIS SYSTEMS OR TO FORM WIRE NETTING.

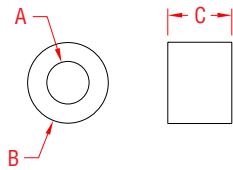
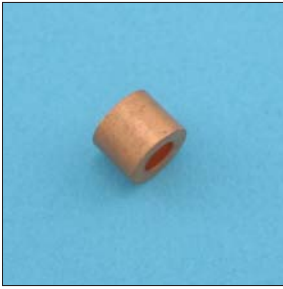


MACHINE SWAGE

MACHINE SWAGE

STOP SLEEVE

COPPER

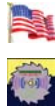
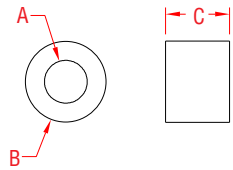
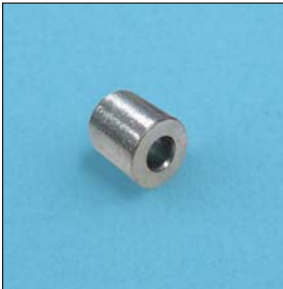


ITEM	A	B	C	HOLE#	
	(wire")	(wire mm)			
K0754-0001	1/16"	1.5 mm	0.20"	0.22"	1
K0754-0002	3/32"	2.5 mm	0.33"	0.32"	2
K0754-0003	1/8"	3.0 mm	0.33"	0.33"	3
K0754-0004	5/32"	4.0 mm	0.42"	0.33"	4
K0754-0005	3/16"	5.0 mm	0.42"	0.32"	5
K0754-0006	7/32"	5.5 mm	0.43"	0.63"	NA
K0754-0007	1/4"	6.0 mm	0.66"	0.71"	1
K0754-0009	5/16"	8.0 mm	0.66"	0.71"	NA
K0754-0010	3/8"	9.0 mm	0.66"	0.71"	NA

NOTE:
SEE SWAGERS ON PAGE 52. FOR 1/16" - 1/8", USE E0113-0350.
FOR 1/16" - 3/16", USE E0113-0600. FOR 1/4" USE E0113-0700.
USE A HYDRAULIC SWAGER ON LARGER SIZES.

STOP SLEEVE

ALUMINUM

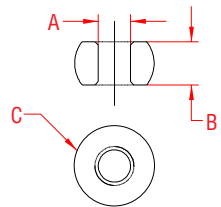
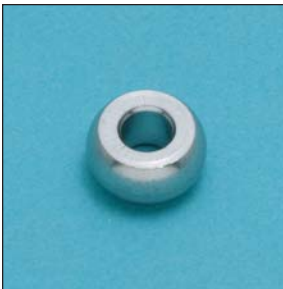


ITEM	A	B	C	HOLE#	
	(wire")	(wire mm)			
A0754-0001	1/16"	1.5 mm	0.20"	0.22"	1
A0754-0002	3/32"	2.5 mm	0.33"	0.32"	2
A0754-0003	1/8"	3.0 mm	0.33"	0.33"	3
A0754-0004	5/32"	4.0 mm	0.42"	0.33"	4
A0754-0005	3/16"	5.0 mm	0.42"	0.32"	5
A0754-0006	7/32"	5.5 mm	0.43"	0.63"	NA
A0754-0007	1/4"	6.0 mm	0.66"	0.71"	1

NOTE:
SEE SWAGERS ON PAGE 52. FOR 1/16" - 1/8", USE E0113-0350.
FOR 1/16" - 3/16", USE E0113-0600. FOR 1/4" USE E0113-0700.
USE A HYDRAULIC SWAGER ON LARGER SIZES.

PLAIN BALL

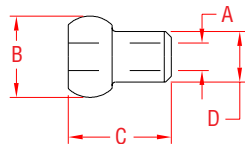
316 STAINLESS STEEL



ITEM	A	B	C BEFORE	C AFTER	WT
	(wire)		(swage)	(swage)	(lb)
S0757-0000	1/32"	0.141"	0.211"	0.1905"	0.001
S0757-0001	3/64"	0.141"	0.211"	0.1905"	0.001
S0757-0002	1/16"	0.141"	0.211"	0.1905"	0.001
S0757-0003	3/32"	0.174"	0.288"	0.253"	0.002
S0757-0004	1/8"	0.190"	0.355"	0.317"	0.004
S0757-0005	5/32"	0.227"	0.429"	0.380"	0.006
S0757-0006	3/16"	0.264"	0.498"	0.442"	0.010
S0757-0007	7/32"	0.300"	0.557"	0.490"	0.015
S0757-0008	1/4"	0.335"	0.628"	0.559"	0.020

SINGLE SHANK BALL

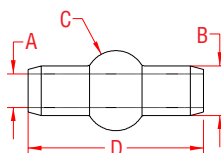
316 STAINLESS STEEL



ITEM	A	B BEFORE	B AFTER	C	D BEFORE	D AFTER
	(wire)	(swage)	(swage)		(swage)	(swage)
S0755-0001	1/16"	0.21"	0.19"	0.27"	0.13"	0.11"
S0755-0002	3/32"	0.28"	0.25"	0.38"	0.17"	0.14"
S0755-0003	1/8"	0.35"	0.32"	0.50"	0.22"	0.19"
S0755-0004	5/32"	0.42"	0.38"	0.62"	0.26"	0.22"
S0755-0005	3/16"	0.49"	0.44"	0.73"	0.30"	0.26"
S0755-0006	7/32"	0.56"	0.51"	0.85"	0.35"	0.30"
S0755-0007	1/4"	0.63"	0.57"	0.96"	0.41"	0.35"
S0755-0009	5/16"	0.77"	0.69"	1.19"	0.48"	0.41"

DOUBLE SHANK BALL

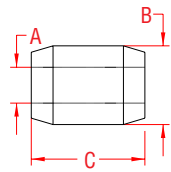
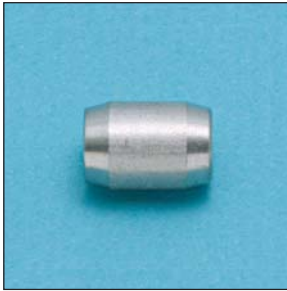
316 STAINLESS STEEL



ITEM	A	B BEFORE	B AFTER	C BEFORE	C AFTER	D
	(wire)	(swage)	(swage)	(swage)	(swage)	
S0756-0001	1/16"	0.13"	0.11"	0.21"	0.19"	0.36"
S0756-0002	3/32"	0.16"	0.14"	0.28"	0.25"	0.53"
S0756-0003	1/8"	0.22"	0.19"	0.35"	0.32"	0.69"
S0756-0004	5/32"	0.25"	0.22"	0.42"	0.38"	0.85"
S0756-0005	3/16"	0.29"	0.26"	0.49"	0.44"	1.01"
S0756-0006	7/32"	0.35"	0.30"	0.56"	0.51"	1.18"
S0756-0007	1/4"	0.40"	0.35"	0.62"	0.57"	1.34"
S0756-0009	5/16"	0.48"	0.41"	0.76"	0.69"	1.66"

CYLINDRICAL TERMINAL

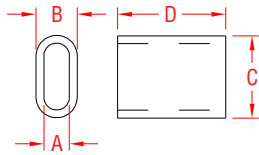
316 STAINLESS STEEL



ITEM	SIZE	A	B BEFORE	B AFTER	C	WT
	(wire)		(swage)	(swage)		(lb)
S0758-0001	1/16"	0.076"	0.221"	0.190"	0.224"	0.002
S0758-0002	3/32"	0.107"	0.252"	0.219"	0.333"	0.004
S0758-0003	1/8"	0.146"	0.298"	0.250"	0.416"	0.006
S0758-0004	5/32"	0.177"	0.377"	0.313"	0.510"	0.011
S0758-0005	3/16"	0.208"	0.439"	0.375"	0.635"	0.020

SWAGE SLEEVE

303 STAINLESS STEEL

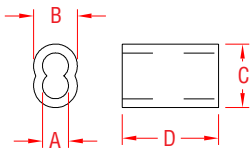


ITEM	A	B	C	D	AFTER SWAGE DIAMETER
	(wire)				
S0750-0001	1/16"	0.139"	0.230"	0.375"	0.150"
S0750-0002	3/32"	0.166"	0.269"	0.374"	0.185"
S0750-0003	1/8"	0.234"	0.362"	0.379"	0.265"
S0750-0004	5/32"	0.320"	0.491"	0.723"	0.350"
S0750-0005	3/16"	0.355"	0.564"	0.876"	0.395"
S0750-0006	7/32"	0.432"	0.663"	0.885"	0.437"
S0750-0007	1/4"	0.457"	0.720"	1.131"	0.530"

NOTE:
AFTER SWAGE DIAMETERS ARE PLUS 0.0" AND MINUS 0.010".
OTHER TYPES AND SIZES AVAILABLE ON SPECIAL ORDER.
SWAGE TOOLS ARE SOLD ON PAGE 52. REQUIRES HYDRAULIC SWAGING.

SWAGE SLEEVE

ALUMINUM

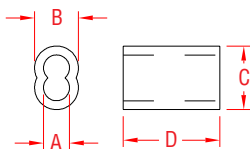


ITEM	A	B	C	D	CRIMPS	HOLE#
	(wire")	(wire mm)				
A0751-0001	1/16"	1.5 mm	0.185"	0.258"	0.390"	2 1
A0751-0002	3/32"	2.5 mm	0.277"	0.403"	0.490"	3 2
A0751-0003	1/8"	3.0 mm	0.336"	0.493"	0.628"	3 3
A0751-0004	5/32"	4.0 mm	0.381"	0.574"	0.686"	3 4
A0751-0005	3/16"	5.0 mm	0.443"	0.666"	1.004"	3 5
A0751-0007	1/4"	6.0 mm	0.536"	0.816"	1.137"	3 1
A0751-0009	5/16"	8.0 mm	0.689"	1.034"	1.245"	3 HYDRAULIC
A0751-0010	3/8"	9.0 mm	0.752"	1.157"	1.447"	3 HYDRAULIC
A0751-0013	1/2"	12.0 mm	1.054"	1.623"	2.000"	3 HYDRAULIC

NOTE:
SEE SWAGERS ON PAGE 52.
FOR 1/16" - 1/8", USE E0113-0350. FOR 1/16" - 3/16",
USE E0113-0600. FOR 1/4" USE E0113-0700.
USE A HYDRAULIC SWAGER ON LARGER SIZES.

SWAGE SLEEVE

COPPER

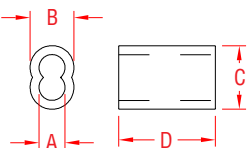


ITEM	A	B	C	D	CRIMPS	HOLE#
	(wire")	(wire mm)				
K0752-0001	1/16"	1.5 mm	0.169"	0.250"	0.372"	2 1
K0752-0002	3/32"	2.5 mm	0.224"	0.370"	0.400"	3 2
K0752-0003	1/8"	3.0 mm	0.327"	0.492"	0.554"	3 3
K0752-0004	5/32"	4.0 mm	0.369"	0.592"	0.606"	3 4
K0752-0005	3/16"	5.0 mm	0.450"	0.672"	0.940"	3 5
K0752-0007	1/4"	6.0 mm	0.515"	0.809"	1.110"	3 1
K0752-0009	5/16"	8.0 mm	0.668"	1.020"	1.051"	3 HYDRAULIC
K0752-0010	3/8"	9.0 mm	0.728"	1.113"	1.236"	3 HYDRAULIC
K0752-0013	1/2"	12.0 mm	0.955"	1.471"	1.892"	3 HYDRAULIC

NOTE:
SEE SWAGERS ON PAGE 52. FOR 1/16" - 1/8", USE E0113-0350.
FOR 1/16" - 3/16", USE E0113-0600. FOR 1/4" USE E0113-0700.
USE A HYDRAULIC SWAGER ON LARGER SIZES.

SWAGE SLEEVE

ZINC PLATED COPPER



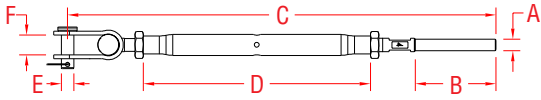
ITEM	A	B	C	D	CRIMPS	HOLE#
	(wire")	(wire mm)				
Z0753-0001	1/16"	1.5 mm	0.169"	0.250"	0.372"	2 1
Z0753-0002	3/32"	2.5 mm	0.224"	0.370"	0.400"	3 2
Z0753-0003	1/8"	3.0 mm	0.327"	0.492"	0.554"	3 3
Z0753-0004	5/32"	4.0 mm	0.369"	0.592"	0.606"	3 4
Z0753-0005	3/16"	5.0 mm	0.450"	0.672"	0.940"	3 5
Z0753-0006	7/32"	5.5 mm	0.460"	0.720"	0.860"	3 NA
Z0753-0007	1/4"	6.0 mm	0.515"	0.809"	1.110"	3 1
Z0753-0009	5/16"	8.0 mm	0.668"	1.020"	1.051"	3 HYDRAULIC
Z0753-0010	3/8"	9.0 mm	0.728"	1.113"	1.236"	3 HYDRAULIC
Z0753-0013	1/2"	12.0 mm	0.955"	1.471"	1.892"	3 HYDRAULIC

NOTE:
SEE SWAGERS ON PAGE 52. FOR 1/16" - 1/8", USE E0113-0350.
FOR 1/16" - 3/16", USE E0113-0600. FOR 1/4" USE E0113-0700.
USE A HYDRAULIC SWAGER ON LARGER SIZES.

HAND SWAGE

HAND SWAGE

TOGGLE & HAND SWAGE STUD 316 STAINLESS STEEL



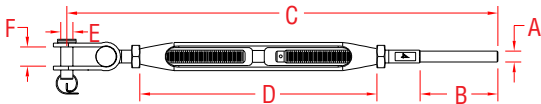
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0782-H0703	1/8"	1.51"	8.02"	4.25"	0.24"	0.38"	0.21
S0782-H0705	3/16"	2.01"	8.64"	4.25"	0.24"	0.38"	0.24

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. THIS TURNBUCKLE FEATURES A CLOSED STYLE BODY WITH PRECISION MANUFACTURED END FITTINGS. ALL COMPONENTS ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

TOGGLE & HAND SWAGE STUD CHROMED BRONZE BODY & STAINLESS ENDS



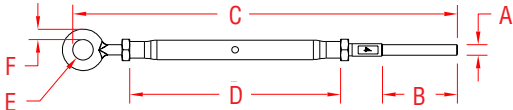
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0786-H0703	1/8"	1.51"	8.38"	4.61"	0.24"	0.38"	0.25
S0786-H0705	3/16"	2.01"	9.00"	4.61"	0.24"	0.38"	0.28

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THE OPEN BODY TURNBUCKLE COMBINES CHROMED BRONZE WITH GRADE 316 STAINLESS STEEL. ALSO AVAILABLE WITH SILICON BRONZE BODY.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

GATE EYE & HAND SWAGE STUD 316 STAINLESS STEEL



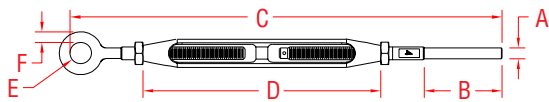
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0794-H0703	1/8"	1.51"	7.75"	4.25"	0.42"	0.21"	0.21
S0794-H0705	3/16"	2.01"	8.37"	4.25"	0.42"	0.21"	0.23

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. THIS TURNBUCKLE FEATURES A CLOSED STYLE BODY WITH PRECISION MANUFACTURED END FITTINGS. ALL COMPONENTS ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

GATE EYE & HAND SWAGE STUD CHROMED BRONZE BODY & STAINLESS ENDS



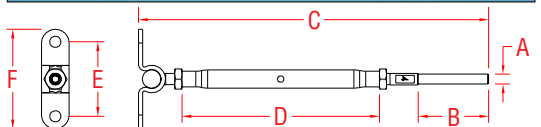
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0795-H0703	1/8"	1.51"	8.38"	4.61"	0.42"	0.21"	0.25
S0795-H0705	3/16"	2.01"	9.00"	4.61"	0.42"	0.21"	0.27

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THE OPEN BODY TURNBUCKLE COMBINES CHROMED BRONZE WITH GRADE 316 STAINLESS STEEL. ALSO AVAILABLE WITH SILICON BRONZE BODY.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

WALL MOUNT & HAND SWAGE STUD 316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0784-H0703	1/8"	1.51"	7.54"	4.25"	1.62"	2.16"	0.21
S0784-H0705	3/16"	2.01"	8.16"	4.25"	1.62"	2.16"	0.23

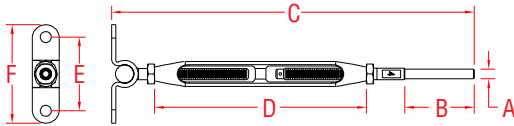
NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. THIS TURNBUCKLE FEATURES A CLOSED STYLE BODY WITH PRECISION MANUFACTURED END FITTINGS. ALL COMPONENTS ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

HAND SWAGE

WALL MOUNT & HAND SWAGE STUD CHROMED BRONZE BODY & STAINLESS ENDS



ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0798-H0703	1/8"	1.51"	7.90"	4.61"	1.62"	2.16"	0.24
S0798-H0705	3/16"	2.01"	8.52"	4.61"	1.62"	2.16"	0.26

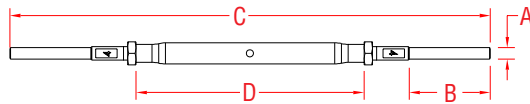
NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THE OPEN BODY TURNBUCKLE COMBINES CHROMED BRONZE WITH GRADE 316 STAINLESS STEEL. ALSO AVAILABLE WITH SILICON BRONZE BODY.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

HAND SWAGE

STUD & STUD - HAND SWAGE 316 STAINLESS STEEL



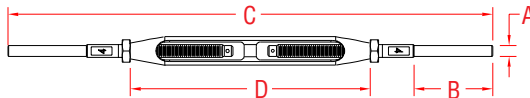
ITEM	A	B	C	D	WT
	(wire)				(lb)
S0796-H0703	1/8"	1.51"	8.95"	4.25"	0.17
S0796-H0705	3/16"	2.01"	10.19"	4.25"	0.21

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. THIS TURNBUCKLE FEATURES A CLOSED STYLE BODY WITH PRECISION MANUFACTURED END FITTINGS. ALL COMPONENTS ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

STUD & STUD - HAND SWAGE CHROMED BRONZE BODY & STAINLESS ENDS



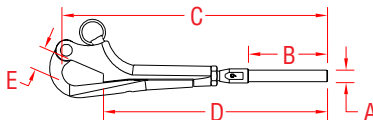
ITEM	A	B	C	D	WT
	(wire)				(lb)
S0797-H0703	1/8"	1.51"	9.31"	4.61"	0.20
S0797-H0705	3/16"	2.01"	10.53"	4.61"	0.24

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THE OPEN BODY TURNBUCKLE COMBINES CHROMED BRONZE WITH GRADE 316 STAINLESS STEEL. ALSO AVAILABLE WITH SILICON BRONZE BODY.

CRIMP THE HAND SWAGE STUD ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

PELICAN HOOK W/ HAND SWAGE 316 STAINLESS STEEL



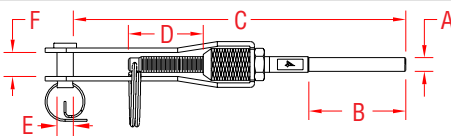
ITEM	A	B	C	D	E	WT
	(wire)					(lb)
S0162-H0703	1/8"	1.51"	5.13"	4.38"	0.59"	0.19
S0162-H0705	3/16"	2.01"	5.75"	5.00"	0.59"	0.22

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATIONS PAINLESS, USING SUNCOR'S HAND SWAGE LIFELINE FITTINGS. THIS HOOK FEATURES EASY OPENING CAPABILITIES. BODY AND SWAGE FITTING ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

LIFELINE ADJUSTER W/ HAND SWAGE 316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0745-H003	1/8"	1.51"	5.13"	1.19"	0.24"	0.42"	0.16
S0745-H005	3/16"	2.01"	5.77"	1.19"	0.24"	0.42"	0.18

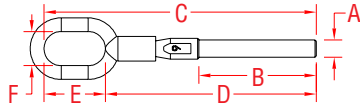
NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATIONS PAINLESS, USING SUNCOR'S HAND SWAGE LIFELINE FITTINGS. USE THIS ADJUSTER WHERE QUICK ADJUSTMENT IS REQUIRED WITHOUT THE USE OF TOOLS. BODY AND SWAGE FITTING ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

HAND SWAGE

GATE EYE - HAND SWAGE 316 STAINLESS STEEL



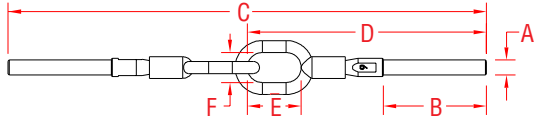
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0744-H003	1/8"	1.51"	4.02"	2.97"	1.05"	0.59"	0.08
S0744-H005	3/16"	2.01"	4.66"	3.61"	1.05"	0.59"	0.11

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATIONS PAINLESS, USING SUNCOR'S HAND SWAGE LIFELINE FITTINGS. USE THE GATE EYE AT ONE END OF THE OPENING TO ATTACH THE PELICAN HOOK. EYE AND SWAGE FITTING ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

JOINED GATE EYES - HAND SWAGE 316 STAINLESS STEEL



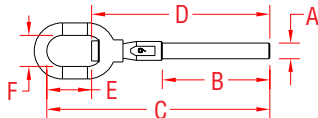
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0746-H003	1/8"	1.51"	8.06"	4.02"	1.05"	0.59"	0.16
S0746-H005	3/16"	2.01"	9.32"	4.66"	1.05"	0.59"	0.21

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATIONS PAINLESS, USING SUNCOR'S HAND SWAGE LIFELINE FITTINGS. USE THE JOINED GATE EYES IN CONJUNCTION WITH THE SINGLE GATE EYE AT THE GATE OPENING IN THE LIFELINE. EYES AND SWAGE FITTINGS ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

SWIVEL GATE EYE - HAND SWAGE 316 STAINLESS STEEL



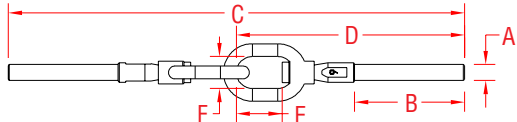
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0718-H0703	1/8"	1.51"	3.53"	2.58"	0.84"	0.59"	0.08
S0718-H0705	3/16"	2.01"	4.17"	3.21"	0.84"	0.59"	0.10

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATIONS PAINLESS, USING SUNCOR'S HAND SWAGE LIFELINE FITTINGS. USE THE GATE EYE AT ONE END OF THE OPENING TO ATTACH THE PELICAN HOOK. EYE AND SWAGE FITTING ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

JOINED SWIVEL GATE EYES - HAND SWAGE 316 STAINLESS STEEL



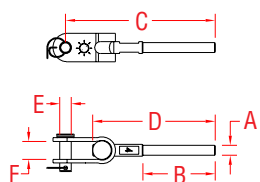
ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0719-H0703	1/8"	1.51"	7.09"	3.54"	0.84"	0.59"	0.15
S0719-H0705	3/16"	2.01"	8.35"	4.17"	0.84"	0.59"	0.19

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATIONS PAINLESS, USING SUNCOR'S HAND SWAGE LIFELINE FITTINGS. USE THE JOINED GATE EYES IN CONJUNCTION WITH THE SINGLE GATE EYE AT THE GATE OPENING IN THE LIFELINE. EYES AND SWAGE FITTINGS ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

TOGGLE TERMINAL - HAND SWAGE 316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0737-H003	1/8"	1.51"	3.13"	2.56"	0.24"	0.38"	0.07
S0737-H005	3/16"	2.01"	3.80"	3.23"	0.24"	0.38"	0.10

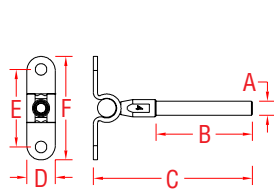
NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THIS TOGGLE IS PERFECT FOR NUMEROUS MARINE, INDUSTRIAL AND ARCHITECTURAL APPLICATIONS. TOGGLE AND SWAGE FITTING ARE MADE FROM GRADE 316 STAINLESS STEEL.

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

WALL MOUNT TERMINAL - HAND SWAGE

316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(wire)						(lb)
S0723-H003	1/8"	1.51"	2.65"	0.59"	1.62"	2.16"	0.07
S0723-H005	3/16"	2.01"	3.32"	0.59"	1.62"	2.16"	0.09

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. THIS WALL MOUNTED SWAGE FITTING IS PERFECT FOR ARCHITECTURAL APPLICATIONS WHERE WIRE ROPE IS DESIRED. WALL MOUNT AND SWAGE FITTING ARE MADE FROM GRADE 316 STAINLESS STEEL.

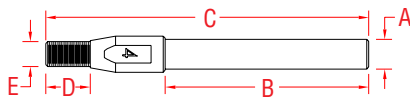
CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

HAND SWAGE

SHORT STUD - HAND SWAGE

UNF - 316 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(wire)				(thread)	(lb)
S0731-HM0703	1/8"	1.51"	2.56"	0.44"	0.25"	0.02
S0731-HM0705	3/16"	2.01"	3.19"	0.44"	0.25"	0.04

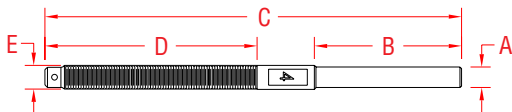
NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THREADS ARE "UNF".

CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

STANDARD STUD - HAND SWAGE

UNF - 316 STAINLESS STEEL



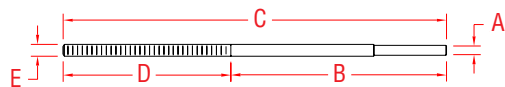
ITEM	A	B	C	D	E	WT
	(wire)				(thread)	(lb)
RIGHT HAND						
S0731-H0703	1/8"	1.51"	4.32"	2.20"	0.25"	0.04
S0731-H0705	3/16"	2.01"	4.94"	2.19"	0.25"	0.06
LEFT HAND						
S0732-H0703	1/8"	1.51"	4.32"	2.20"	0.25"	0.04
S0732-H0705	3/16"	2.01"	4.94"	2.19"	0.25"	0.06

NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. THREADS ARE "UNF". CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

EXTRA LONG STUD - HAND SWAGE

UNF - 316 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(wire)				(thread)	(lb)
S0731-HL703	1/8"	4.50"	8.00"	3.50"	0.25"	0.09
S0731-HL705	3/16"	4.50"	8.00"	3.50"	0.25"	0.11

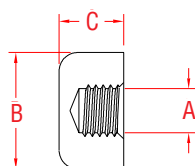
NOTE:
DESIGNED FOR HAND SWAGE USE ONLY. MAKE INSTALLATION PAINLESS, USING SUNCOR'S HAND SWAGE LINE OF FITTINGS. LONG STUD IS PERFECT FOR CABLE RAILING SYSTEMS WHERE "THROUGH POST" HARDWARE IS DESIRED FOR MINIMAL OBSTRUCTION.

THREADS ARE "UNF". CRIMP THE HAND SWAGE STUDS ONTO THE WIRE ROPE USING THE HAND SWAGER (PART # E0113-H600, PAGE 42). USE HAND SWAGER HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

STOP NUT

316 STAINLESS STEEL



ITEM	A	B	C	THREAD	WT
	(size)				(lb)
UNC THREAD					
S0724-UN07-R	1/4"	0.75"	0.40"	Right Hand	0.03
S0724-UN07-L	1/4"	0.75"	0.40"	Left Hand	0.03
UNF THREAD					
S0724-UF07-R	1/4"	0.75"	0.40"	Right Hand	0.03
S0724-UF07-L	1/4"	0.75"	0.40"	Left Hand	0.03

NOTE:
DESIGNED FOR USE WITH HAND SWAGE AND STANDARD STUDS. STOP NUT IS PERFECT FOR CABLE RAILING SYSTEMS WHERE "THROUGH POST" HARDWARE IS DESIRED FOR MINIMAL OBSTRUCTION. USE AT THE END OF SWAGE STUDS FOR A FINISHED LOOK.

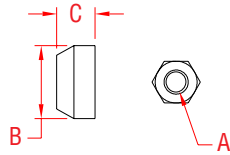
HAND SWAGE

HAND SWAGE

HAND SWAGE

COVER NUT - SET

316 STAINLESS STEEL



Cable Railing Hardware

Suncor Stainless would like to introduce a sleek new design for architectural cable railing systems. Simply insert the long stud (S0731-HL Series, page 41) into a standard 4x4 post and affix the Cover Nut Set on the end and you're done! These new items allow for a quick and easy installation and produce a unique alternative to a conventional railing system, featuring unobstructed views.



ITEM	A	B	C	THREAD	WT
	(size)				(lb)
UNC THREAD					
S0307-UN07-R	1/4"	0.75"	0.40"	Right Hand	0.03
S0307-UN07-L	1/4"	0.75"	0.40"	Left Hand	0.03
UNF THREAD					
S0307-UF07-R	1/4"	0.75"	0.40"	Right Hand	0.03
S0307-UF07-L	1/4"	0.75"	0.40"	Left Hand	0.03

NOTE:

DESIGNED FOR USE WITH HAND SWAGE AND STANDARD STUDS. COVER NUT SET IS PERFECT FOR CABLE RAILING SYSTEMS WHERE "THROUGH POST" HARDWARE IS DESIRED FOR MINIMAL OBSTRUCTION. AFFIX TO END OF SWAGE STUD FOR A FINISHED LOOK.

3 Easy Installation Steps



Step 1
Tighten nut to tension.



Step 2
Cut thread flush with nut.

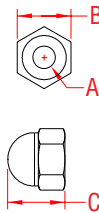
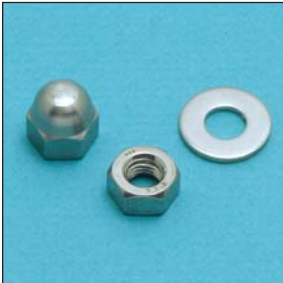


Step 3
Install cap & you're done!

HAND SWAGE

ACORN NUT - SET

316 STAINLESS STEEL



ITEM	A	B	C	THREAD	WT
	(size)				(lb)
UNC THREAD					
S0308-UN07-R	1/4"	0.44"	0.47"	Right Hand	0.02
S0308-UN07-L	1/4"	0.44"	0.47"	Left Hand	0.02
UNF THREAD					
S0308-UF07-R	1/4"	0.44"	0.47"	Right Hand	0.02
S0308-UF07-L	1/4"	0.44"	0.47"	Left Hand	0.02

NOTE:

DESIGNED FOR USE WITH 1/4" THREAD HAND SWAGE AND STANDARD STUDS.

HAND SWAGE

"MINI" HAND SWAGER

*FOR USE WITH HAND SWAGE SERIES



ITEM	SIZE	SWAGES	WT
	(length)		(lb)
E0113-H001	12"	1/8" and 3/16"	1.76

NOTE:

MAKE HAND SWAGING QUICK AND EASY USING SUNCOR'S "MINI" HAND SWAGER.

THE "MINI" HAND SWAGER CRIMPS THE HAND SWAGE STUDS ONTO THE WIRE ROPE. USE HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGE

HAND SWAGER

*FOR USE WITH HAND SWAGE SERIES



ITEM	SIZE	SWAGES	WT
	(length)		(lb)
E0113-H600	24"	1/8" and 3/16"	6.35

NOTE:

MAKE HAND SWAGING QUICK AND EASY USING SUNCOR'S HAND SWAGER.

HAND SWAGER CRIMPS THE HAND SWAGE STUDS ONTO THE WIRE ROPE. USE HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

FOR COMPATIBLE PRODUCTS, SEE PAGE 38-41.

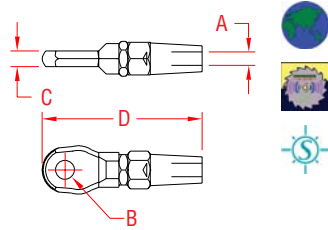
HAND SWAGE

QUICK ATTACH™

QUICK ATTACH™ EYE



316 STAINLESS STEEL



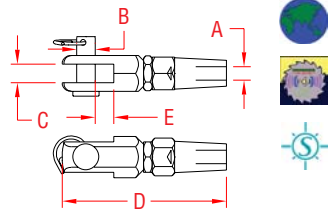
ITEM	A	B	C	D	WT
	(wire size)				(lb)
S0761-0003	1/8"	0.25"	0.23"	2.28"	0.10
S0761-0004	5/32"	0.33"	0.27"	2.68"	0.17
S0761-0005	3/16"	0.41"	0.31"	3.19"	0.23
S0761-0007	1/4"	0.50"	0.35"	3.82"	0.36
S0761-0009	5/16"	0.56"	0.41"	4.76"	0.60
S0761-0010	3/8"	0.64"	0.51"	5.23"	0.98
S0761-0013	1/2"	0.76"	0.59"	6.10"	1.50

NOTE: MECHANICAL SWAGE FITTING ALLOWS VERY FAST ATTACHMENT TO ANY TYPE OF CABLE (1X19, 7X19, OR 7X7) USING ONLY SIMPLE TOOLS. JAW AND EYE WILL FIT TOGETHER. WLL IS DETERMINED BY WLL OF WIRE USED.

QUICK ATTACH™ JAW



316 STAINLESS STEEL



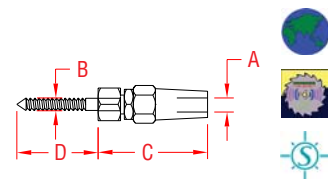
ITEM	A	B	C	D	E	WT
	(wire size)					(lb)
S0762-0003	1/8"	0.24"	0.23"	2.48"	0.23"	0.12
S0762-0004	5/32"	0.31"	0.31"	2.87"	0.31"	0.22
S0762-0005	3/16"	0.39"	0.39"	3.27"	0.39"	0.32
S0762-0007	1/4"	0.47"	0.47"	3.74"	0.47"	0.52
S0762-0009	5/16"	0.55"	0.55"	4.65"	0.55"	0.77
S0762-0010	3/8"	0.63"	0.63"	5.24"	0.63"	1.38
S0762-0013	1/2"	0.71"	0.74"	6.10"	0.74"	2.10

NOTE: MECHANICAL SWAGE FITTING ALLOWS VERY FAST ATTACHMENT TO ANY TYPE OF CABLE (1X19, 7X19, OR 7X7) USING ONLY SIMPLE TOOLS. JAW AND EYE WILL FIT TOGETHER. WLL IS DETERMINED BY WLL OF WIRE USED.

QUICK ATTACH™ WOOD STUD



316 STAINLESS STEEL



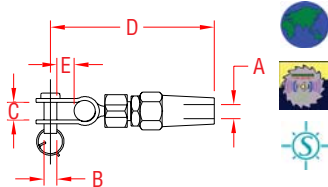
ITEM	A	B	C	D	WT
	(wire size)				(lb)
S0777-0703	1/8"	1/4"	1.46"	1.25"	0.11
S0777-0704	5/32"	1/4"	1.68"	1.25"	0.13
S0777-0905	3/16"	5/16"	2.02"	1.50"	0.24

NOTE: MECHANICAL SWAGE FITTING ALLOWS VERY FAST AND SIMPLE ATTACHMENT OF CABLE (1X19, 7X19, OR 7X7) TO WOOD USING ONLY SIMPLE TOOLS. WLL IS DETERMINED BY THE TYPE OF WOOD USED IN THE APPLICATION.

QUICK ATTACH™ TOGGLE



316 STAINLESS STEEL



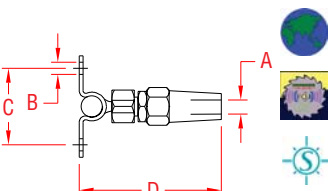
ITEM	A	B	C	D	E	WT
	(wire size)					(lb)
S0778-0703	1/8"	0.23"	0.35"	2.53"	0.45"	0.12
S0778-0704	5/32"	0.23"	0.35"	2.75"	0.45"	0.14
S0778-0904	5/32"	0.31"	0.45"	2.98"	0.60"	0.20
S0778-0905	3/16"	0.31"	0.45"	3.14"	0.60"	0.26
S0778-1007	1/4"	0.37"	0.56"	4.19"	0.75"	0.42
S0778-1309	5/16"	0.47"	0.70"	5.15"	0.72"	0.76

NOTE: MECHANICAL SWAGE FITTING ALLOWS SELF-ALIGNING FOR A MORE FLEXIBLE CONNECTION SUCH AS BOAT LIFELINES OR ARCHITECTURAL APPLICATIONS. VERY FAST AND SIMPLE ATTACHMENT TO CABLE (1X19, 7X19, OR 7X7). WLL IS DETERMINED BY WLL OF WIRE USED.

QUICK ATTACH™ WALL TOGGLE



316 STAINLESS STEEL

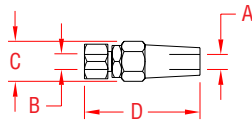


ITEM	A	B	C	D	WT
	(wire size) (fastener)				(lb)
S0779-0703	1/8"	1/4"	1.58"	2.00"	0.10
S0779-0704	5/32"	1/4"	1.58"	2.25"	0.12
S0779-0905	3/16"	5/16"	1.75"	2.75"	0.22
S0779-1007	1/4"	3/8"	2.00"	3.50"	0.35

NOTE: MECHANICAL SWAGE FITTING ALLOWS ATTACHMENT TO A FLAT SURFACE WITH ALIGNMENT THROUGH 160° +/- . VERY FAST AND SIMPLE ATTACHMENT TO CABLE (1X19, 7X19, OR 7X7). WLL IS DETERMINED BY WLL OF WIRE USED.
REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

QUICK ATTACH™ RECEIVER

316 STAINLESS STEEL

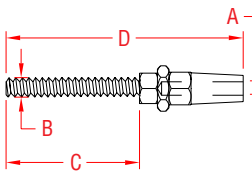


ITEM	A (wire size)	B (thread)	C	D	WT (lb)
S0770-0703	1/8"	1/4"	0.54"	1.46"	0.07
S0770-0704	5/32"	1/4"	0.63"	1.68"	0.12
S0770-0905	3/16"	5/16"	0.75"	2.02"	0.18
S0770-1007	1/4"	3/8"	0.84"	2.50"	0.28
S0770-1610	3/8"	5/8"	1.06"	3.62"	0.60
S0770-2013	1/2"	3/4"	1.25"	4.32"	0.96

NOTE:
MECHANICAL SWAGE FITTING ALLOWS VERY FAST AND SIMPLE ATTACHMENT USING A BOLT OR STUD THROUGH A PLATE. WLL IS DETERMINED BY WLL OF WIRE USED. FOR USE WITH BOLTS OR SIMILAR FASTENERS.

QUICK ATTACH™ STUD

316 STAINLESS STEEL



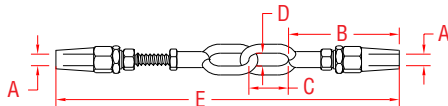
ITEM	A (wire size)	B (thread)	C	D	WT (lb)
UNF RIGHT HAND					
S0771-0703	1/8"	1/4"	1.85"	3.35"	0.11
S0771-0704	5/32"	1/4"	1.85"	3.62"	0.13
S0771-0904	5/32"	5/16"	2.25"	4.00"	0.15
S0771-0905	3/16"	5/16"	2.25"	4.37"	0.21
S0771-1005	3/16"	3/8"	2.48"	4.60"	0.23
S0771-1007	1/4"	3/8"	2.48"	5.04"	0.33
S0771-1307	1/4"	1/2"	3.15"	5.70"	0.39
S0771-1309	5/16"	1/2"	3.15"	6.38"	0.63
S0771-1609	5/16"	5/8"	3.94"	7.17"	0.75
S0771-1610	3/8"	5/8"	3.94"	7.40"	0.95
S0771-2013	1/2"	3/4"	4.82"	9.18"	1.64
UNF LEFT HAND					
S0772-0703	1/8"	1/4"	1.85"	3.35"	0.11
S0772-0704	5/32"	1/4"	1.85"	3.62"	0.13
S0772-0904	5/32"	5/16"	2.25"	4.00"	0.15
S0772-0905	3/16"	5/16"	2.25"	4.37"	0.21
S0772-1005	3/16"	3/8"	2.48"	4.60"	0.23
S0772-1007	1/4"	3/8"	2.48"	5.04"	0.33
S0772-1307	1/4"	1/2"	3.15"	5.70"	0.39
S0772-1309	5/16"	1/2"	3.15"	6.38"	0.63
S0772-1609	5/16"	5/8"	3.94"	7.17"	0.75
S0772-1610	3/8"	5/8"	3.94"	7.40"	0.95
S0772-2013	1/2"	3/4"	4.82"	9.18"	1.64

NOTE:
MECHANICAL SWAGE FITTING ALLOWS VERY FAST AND SIMPLE ATTACHMENT TO CABLE (1X19, 7X19, OR 7X7) USING ONLY SIMPLE TOOLS. WLL IS DETERMINED BY WLL OF WIRE USED.

ITEM	A (wire size)	B (thread)	C	D	WT (lb)
METRIC RIGHT HAND					
S0775-0603	3 mm	6 mm	47 mm	85 mm	0.11
S0775-0604	4 mm	6 mm	47 mm	92 mm	0.13
S0775-0804	4 mm	8 mm	57 mm	102 mm	0.15
S0775-0805	5 mm	8 mm	57 mm	111 mm	0.21
S0775-1005	5 mm	10 mm	63 mm	117 mm	0.23
S0775-1006	6 mm	10 mm	63 mm	128 mm	0.33
S0775-1206	6 mm	12 mm	80 mm	145 mm	0.39
S0775-1208	8 mm	12 mm	80 mm	162 mm	0.63
S0775-1608	8 mm	16 mm	100 mm	182 mm	0.75
S0775-1610	10 mm	16 mm	100 mm	188 mm	0.95
S0775-2012	12 mm	20 mm	120 mm	222 mm	1.45

QUICK ATTACH™ GATE EYES

316 STAINLESS STEEL

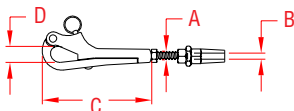


ITEM	A (wire)	B	C	D	E (overall length)	WT (lb)
GATE EYE						
S0776-1905	3/16"	4.07"	1.05"	0.59"	5.35"	0.25
DOUBLE GATE EYE						
S0776-2905	3/16"	2.92"	1.05"	0.59"	9.10"	0.45

NOTE:
RIG A LIFELINE IN MINUTES. SUNCOR LIFELINE SYSTEMS UTILIZE OUR QUICK ATTACH™ SWAGELESS FITTINGS. USE GATE EYES WHERE A GATE IS NEEDED. REFER TO PAGE 47 FOR MORE INFORMATION ON THIS PRODUCT AND SUNCOR'S NEW LIFELINE KITS.

PELICAN HOOK W/ QUICK ATTACH™

316 STAINLESS STEEL



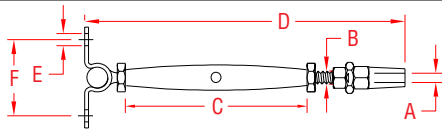
ITEM	A (thread)	B (wire)	C	D	WT (lb)
S0162-QA07	1/4"	1/8"	2.96"	0.50"	0.22
S0162-QA08	5/16"	3/16"	3.87"	0.64"	0.44
S0162-QA13	1/2"	1/4"	6.00"	1.00"	1.30

NOTE:
ALL THREADS ARE RIGHT HAND "UNF". S0771-SERIES QUICK ATTACH™ STUDS ARE USED FOR THIS ASSEMBLY. INFORMATION REGARDING THE S0771-SERIES CAN BE FOUND ABOVE.

QUICK ATTACH™

QUICK ATTACH™

QA™ STUD & WALL MOUNT 316 STAINLESS STEEL

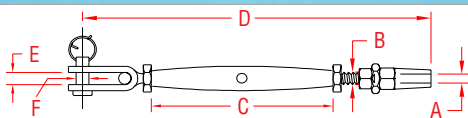


ITEM	A	B	C	D	E	F	WT
	(wire size) (thread)						(lb)
S0766-0703	1/8"	1/4"	4.20"	6.75"	0.25"	1.58"	0.25
S0766-0704	5/32"	1/4"	4.20"	6.75"	0.25"	1.58"	0.27
S0766-0905	3/16"	5/16"	4.40"	7.30"	0.31"	1.75"	0.50
S0766-1007	1/4"	3/8"	4.90"	8.00"	0.38"	2.00"	0.74

NOTE:
MECHANICAL SWAGE FITTING ALLOWS VERY FAST ATTACHMENT TO ANY TYPE OF CABLE (1X19, 7X19, OR 7X7) USING ONLY SIMPLE TOOLS. WLL IS DETERMINED BY WLL OF WIRE USED.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.

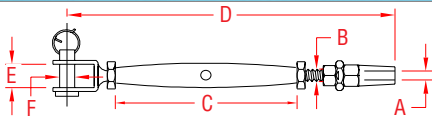
QA™ STUD & TOGGLE 316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(wire size) (thread)						(lb)
S0764-0703	1/8"	1/4"	4.20"	7.25"	0.35"	0.23"	0.25
S0764-0704	5/32"	1/4"	4.20"	7.50"	0.35"	0.23"	0.27
S0764-0904	5/32"	5/16"	4.40"	8.00"	0.40"	0.31"	0.44
S0764-0905	3/16"	5/16"	4.40"	8.31"	0.40"	0.31"	0.50
S0764-1005	3/16"	3/8"	4.90"	9.25"	0.56"	0.37"	0.64
S0764-1007	1/4"	3/8"	4.90"	9.75"	0.56"	0.37"	0.74
S0764-1307	1/4"	1/2"	5.98"	11.00"	0.63"	0.48"	1.30
S0764-1309	5/16"	1/2"	5.98"	12.25"	0.63"	0.48"	1.54
S0764-1609	5/16"	5/8"	7.66"	15.00"	0.80"	0.63"	2.75
S0764-1610	3/8"	5/8"	7.66"	15.75"	0.80"	0.63"	2.95

NOTE: MECHANICAL SWAGE FITTING ALLOWS VERY FAST ATTACHMENT TO ANY TYPE OF CABLE (1X19, 7X19, OR 7X7) USING ONLY SIMPLE TOOLS. WLL IS DETERMINED BY WLL OF WIRE USED.

QUICK ATTACH™ STUD & JAW 316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(wire size) (thread)						(lb)
S0765-0703	1/8"	1/4"	4.20"	7.00"	0.36"	0.23"	0.24
S0765-0704	5/32"	1/4"	4.20"	7.25"	0.36"	0.23"	0.26
S0765-0904	5/32"	5/16"	4.40"	7.52"	0.38"	0.31"	0.36
S0765-0905	3/16"	5/16"	4.40"	7.84"	0.38"	0.31"	0.42
S0765-1005	3/16"	3/8"	4.90"	8.86"	0.49"	0.37"	0.60
S0765-1007	1/4"	3/8"	4.90"	9.25"	0.49"	0.37"	0.71
S0765-1307	1/4"	1/2"	5.98"	10.81"	0.62"	0.48"	1.16
S0765-1309	5/16"	1/2"	5.98"	11.42"	0.62"	0.48"	1.36
S0765-1610	3/8"	5/8"	7.66"	14.51"	0.77"	0.63"	2.50

NOTE: MECHANICAL SWAGE FITTING ALLOWS VERY FAST ATTACHMENT TO ANY TYPE OF CABLE (1X19, 7X19, OR 7X7) USING ONLY SIMPLE TOOLS. WLL IS DETERMINED BY WLL OF WIRE USED.

QUICK ATTACH™ WEDGE KIT



ITEM	A	WT
	(wire size)	(lb)
P0760-W003-C	1/8"	0.03
P0760-W004-C	5/32"	0.03
P0760-W005-C	3/16"	0.04
P0760-W007-C	1/4"	0.05
P0760-W009-C	5/16"	0.08
P0760-W010-C	3/8"	0.11
P0760-W013-C	1/2"	0.13

NOTE:
NOW YOU CAN REUSE YOUR QUICK ATTACH™ TURNBUCKLES AND HARDWARE WITH THIS LOW COST REPLACEMENT WEDGE KIT. IT FEATURES A BRONZE WASHER, 3-PART WEDGE AND WEDGE BAND. FOR USE WITH ALL SUNCOR QUICK ATTACH™ FITTINGS.

Why Would You Want to Use Mechanical Fittings?

The advantage of "Quick Attach™" over conventional fittings is the arrangement of the wedges on the outside of the cable which makes assembly much easier and allows different types of wire to be used with the same fitting.

"Quick Attach™" fittings are ideal for repair of rigging without swaging and for many other industrial, or architectural uses where the exact length of the cable cannot be determined beforehand or where assembly needs to take place on-site. NOT FOR USE ON STANDING RIGGING ON BOATS.

**3 EASY
INSTALLATION
STEPS**
COMPLETE INSTRUCTIONS
IN EACH KIT



QUICK ATTACH™

QUICK ATTACH™ LIFELINE KIT W/ GATE DESIGNED FOR USE WITH 3/16" WIRE ROPE



**CLOSED BODY TURNBUCKLES
316 STAINLESS STEEL**

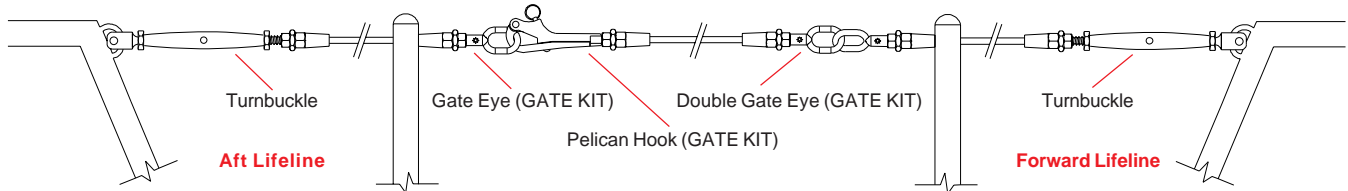
KIT INCLUDES:

- 1 - QA Gate Eye
- 1 - QA Joined Gate Eye
- 2 - QA Closed Body Turnbuckles w/ Toggles
- 1 - QA Pelican Hook



ITEM	SIZE	ADJUSTMENT	WT
		(QA turnbuckle)	(lb)
LIFELINE KIT W/ GATE			
C0747-LK01-X	3/16"	3.75"	3.08

NOTE:
RIG A LIFELINE IN MINUTES, USING QUICK ATTACH™ TURNBUCKLES. MECHANICAL SWAGE FITTINGS OFFER SEAMLESS RESULTS, USING ONLY SIMPLE HAND TOOLS. THE QUICK ATTACH™ TURNBUCKLE WITH TOGGLE PROVIDES A SAFE AND SECURE ALTERNATIVE TO OPEN BODY FITTINGS AND ALLOWS FOR EASY TENSIONING.



QUICK ATTACH™ LIFELINE KIT W/O GATE DESIGNED FOR USE WITH 3/16" WIRE ROPE

CLOSED BODY TURNBUCKLE - 316 STAINLESS STEEL



- KIT INCLUDES:**
- 1 - QA Toggle
 - 1 - QA Closed Body Turnbuckle w/ Toggle



ITEM	SIZE	ADJUSTMENT	WT
		(QA turnbuckle)	(lb)
LIFELINE KIT W/O GATE			
C0747-LK03-X	3/16"	3.75"	1.66

NOTE:
RIG A LIFELINE IN MINUTES, USING QUICK ATTACH™ TURNBUCKLES. MECHANICAL SWAGE FITTINGS OFFER SEAMLESS RESULTS, USING ONLY SIMPLE HAND TOOLS. THE QUICK ATTACH™ TURNBUCKLE WITH TOGGLE PROVIDES A SAFE AND SECURE ALTERNATIVE TO OPEN BODY FITTINGS AND ALLOWS FOR EASY TENSIONING.



STAINLESS WIRE ROPE SOLD SEPARATELY AND OFFERED IN A VARIETY OF LENGTHS

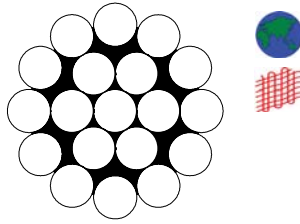
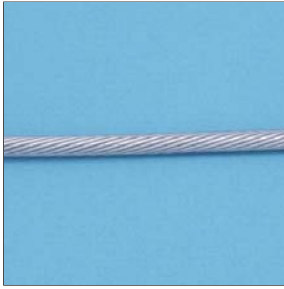


ITEM	WIRE	PVC	LENGTH	WLL	BL	WT
	(diameter)	(diameter)		(lb)	(lb)	(lb)
WHITE PVC COATED - 7x7 STRAND						
S0708-0508-30-C	3/16"	5/16"	30 FT.	620	3,100	2.70
S0708-0508-40-C	3/16"	5/16"	40 FT.	620	3,100	3.60
S0708-0508-50-C	3/16"	5/16"	50 FT.	620	3,100	4.50
UNCOATED - 1x19 STRAND						
S0701-0005-30-C	3/16"	N/A	30 FT.	840	4,200	2.40
S0701-0005-40-C	3/16"	N/A	40 FT.	840	4,200	3.20
S0701-0005-50-C	3/16"	N/A	50 FT.	840	4,200	4.00

NOTE:
FOR USE WITH QUICK ATTACH™ LIFELINE KITS. WIRE ROPE IS AVAILABLE IN A 1X19 CONSTRUCTION OR PVC COATED 7X7 WIRE IN WHITE. 1X19 WIRE IS LEFT HAND LAY. 7X7 PVC COATED WIRE IS RIGHT HAND LAY.

WIRE ROPE 1 X 19

316 STAINLESS STEEL



ITEM	SIZE	SPOOL	WLL	BL	WT
			(lb)	(minimum lb)	(lb)
S0701-0001	1/16"	CUTS	110	550	1.00*
S0701-0001-5	1/16"	5000 FT.	110	550	44.00
S0701-0002	3/32"	CUTS	200	1,000	2.00*
S0701-0002-5	3/32"	5000 FT.	200	1,000	105.00
S0701-0003	1/8"	CUTS	360	1,800	4.00*
S0701-0003-5	1/8"	5000 FT.	360	1,800	184.00
S0701-0004	5/32"	CUTS	580	2,900	6.00*
S0701-0004-5	5/32"	5000 FT.	580	2,900	289.00
S0701-0005	3/16"	CUTS	840	4,200	8.00*
S0701-0005-5	3/16"	5000 FT.	840	4,200	403.00
S0701-0006	7/32"	CUTS	1,080	5,400	10.00*
S0701-0006-1	7/32"	1000 FT.	1,080	5,400	111.00
S0701-0006-3	7/32"	2500 FT.	1,080	5,400	278.00
S0701-0007	1/4"	CUTS	1,420	7,100	14.00*
S0701-0007-3	1/4"	2500 FT.	1,420	7,100	360.00
S0701-0008	9/32"	CUTS	1,840	9,200	17.00*
S0701-0008-1	9/32"	1000 FT.	1,840	9,200	183.00
S0701-0008-3	9/32"	2500 FT.	1,840	9,200	458.00
S0701-0009	5/16"	CUTS	2,200	11,000	21.00*
S0701-0009-1	5/16"	1000 FT.	2,200	11,000	227.00
S0701-0009-3	5/16"	2500 FT.	2,200	11,000	567.00
S0701-0010	3/8"	CUTS	3,200	16,000	30.00*
S0701-0010-3	3/8"	2500 FT.	3,200	16,000	781.00
S0701-0013	1/2"	CUTS	3,800	19,000	44.00*

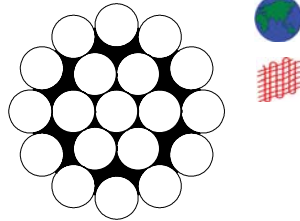
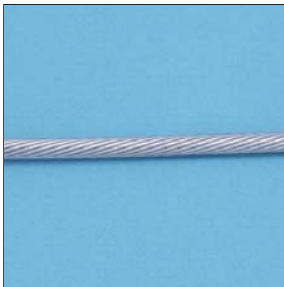
NOTE:

CAN BE SUPPLIED IN A SPOOL OF THE LENGTH SHOWN OR CAN BE CUT TO YOUR REQUEST (IN FEET). ALL 1X19 WIRE IS LEFT HAND LAY.

*** = WEIGHT PER 100' IN POUNDS, WITHOUT REEL. SPOOL WEIGHT INCLUDES REEL.**

WIRE ROPE 1 X 19

304 STAINLESS STEEL



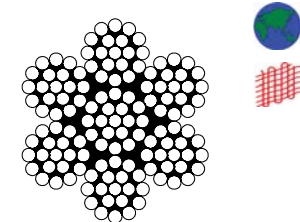
ITEM	SIZE	SPOOL	WLL	BL	WT
			(lb)	(minimum lb)	(lb)
S0702-0003	1/8"	CUTS	420	2,100	4.00*
S0702-0003-5	1/8"	5000 FT.	420	2,100	183.00
S0702-0004	5/32"	CUTS	640	3,200	6.00*
S0702-0004-1	5/32"	1000 FT.	640	3,200	58.00
S0702-0004-5	5/32"	5000 FT.	640	3,200	288.00
S0702-0005	3/16"	CUTS	940	4,700	8.00*
S0702-0005-1	3/16"	1000 FT.	940	4,700	81.00
S0702-0005-5	3/16"	5000 FT.	940	4,700	405.00
S0702-0007	1/4"	CUTS	1,700	8,500	14.00*
S0702-0007-1	1/4"	1000 FT.	1,700	8,500	143.00
S0702-0007-3	1/4"	2500 FT.	1,700	8,500	358.00

NOTE:

*** = WEIGHT PER 100' IN POUNDS, WITHOUT REEL.**

WIRE ROPE 7 X 19

316 STAINLESS STEEL



ITEM	SIZE	SPOOL	WLL	BL	WT
			(lb)	(minimum lb)	(lb)
S0703-0002	3/32"	CUTS	160	800	2.00*
S0703-0002-5	3/32"	5000 FT.	160	800	84.00
S0703-0003	1/8"	CUTS	320	1,600	3.00*
S0703-0003-5	1/8"	5000 FT.	320	1,600	152.00
S0703-0004	5/32"	CUTS	460	2,300	5.00*
S0703-0004-5	5/32"	5000 FT.	460	2,300	235.00
S0703-0005	3/16"	CUTS	680	3,400	7.00*
S0703-0005-5	3/16"	5000 FT.	680	3,400	340.00
S0703-0006	7/32"	CUTS	900	4,500	9.00*
S0703-0006-5	7/32"	5000 FT.	900	4,500	449.00
S0703-0007	1/4"	CUTS	1,160	5,800	11.00*
S0703-0007-5	1/4"	5000 FT.	1,160	5,800	574.00
S0703-0008	9/32"	CUTS	1,360	6,800	14.00*
S0703-0008-05	9/32"	500 FT.	1,360	6,800	73.00
S0703-0008-3	9/32"	2500 FT.	1,360	6,800	363.00
S0703-0009	5/16"	CUTS	1,580	7,900	17.00*
S0703-0009-3	5/16"	2500 FT.	1,580	7,900	453.00
S0703-0010	3/8"	CUTS	2,200	11,000	24.00*
S0703-0010-3	3/8"	2500 FT.	2,200	11,000	636.00
S0703-0013	1/2"	CUTS	3,800	19,000	44.00*
S0703-0013-1	1/2"	1000 FT.	3,800	19,000	464.00

NOTE:

CAN BE SUPPLIED IN A SPOOL OF THE LENGTH SHOWN OR CAN BE CUT TO YOUR REQUEST (IN FEET.)

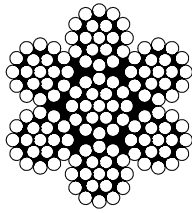
*** = WEIGHT PER 100' IN POUNDS, WITHOUT REEL. SPOOL WEIGHT INCLUDES REEL.**

WIRE ROPE

WIRE ROPE

WIRE ROPE 7 x 19

304 STAINLESS STEEL

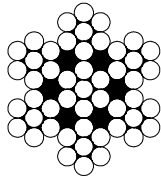
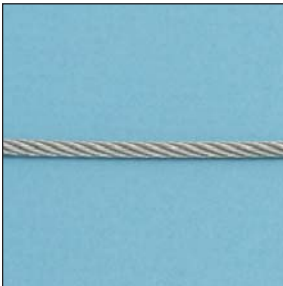


ITEM	SIZE	SPOOL	WLL	BL	WT
			(lb)	(minimum lb)	(lb)
S0704-0002	3/32"	CUTS	180	900	2.00*
S0704-0003	1/8"	CUTS	360	1,800	3.00*
S0704-0003-5	1/8"	5000 FT.	360	1,800	152.00
S0704-0004	5/32"	CUTS	520	2,600	5.00*
S0704-0004-5	5/32"	5000 FT.	520	2,600	235.00
S0704-0005	3/16"	CUTS	760	3,800	7.00*
S0704-0005-5	3/16"	5000 FT.	760	3,800	340.00
S0704-0006	7/32"	CUTS	1,000	5,000	9.00*
S0704-0007	1/4"	CUTS	1,300	6,500	11.00*
S0704-0007-5	1/4"	5000 FT.	1,300	6,500	574.00
S0704-0009	5/16"	CUTS	1,800	9,000	17.00*
S0704-0009-1	5/16"	1000 FT.	1,800	9,000	181.00
S0704-0009-5	5/16"	5000 FT.	1,800	9,000	906.00
S0704-0010	3/8"	CUTS	2,500	12,500	24.00*
S0704-0010-5	3/8"	5000 FT.	2,500	12,500	1,272.00

NOTE:
CAN BE SUPPLIED ON A SPOOL OR CUT TO YOUR REQUEST (IN FEET.)

WIRE ROPE 7 x 7

316 STAINLESS STEEL

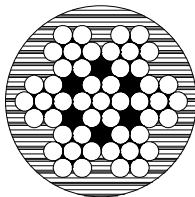
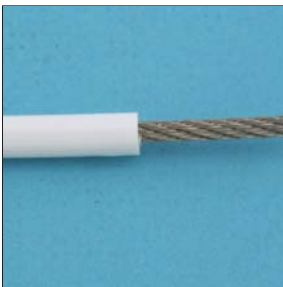


ITEM	SIZE	SPOOL	WLL	BL	WT
			(lb)	(minimum lb)	(lb)
S0705-0001	1/16"	CUTS	80	400	1.00*
S0705-0001-5	1/16"	5000 FT.	80	400	54.00
S0705-0002	3/32"	CUTS	140	700	2.00*
S0705-0002-5	3/32"	5000 FT.	140	700	82.00
S0705-0003	1/8"	CUTS	272	1,360	3.00*
S0705-0003-5	1/8"	5000 FT.	272	1,360	160.00
S0705-0004	5/32"	CUTS	440	2,200	4.00*
S0705-0004-5	5/32"	5000 FT.	440	2,200	235.00
S0705-0005	3/16"	CUTS	620	3,100	6.00*
S0705-0005-5	3/16"	5000 FT.	620	3,100	340.00
S0705-0007	1/4"	CUTS	1,040	5,200	11.00*
S0705-0007-5	1/4"	5000 FT.	1,040	5,200	560.00

NOTE:
CAN BE SUPPLIED ON A SPOOL OR CUT TO YOUR REQUEST (IN FEET.)

PVC COATED WIRE ROPE 7 X 7

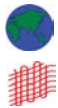
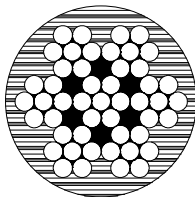
316 STAINLESS STEEL



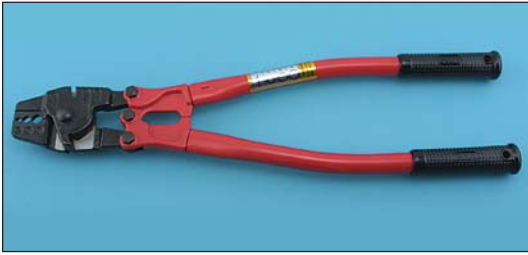
ITEM	SIZE	PVC	SPOOL	WLL	BL	WT
				(lb)	(minimum lb)	(lb)
WHITE						
S0708-0103	1/16"	1/8"	CUTS	80	400	1.00*
S0708-0103-1	1/16"	1/8"	1000 FT.	80	400	13.00
S0708-0205	3/32"	3/16"	CUTS	180	900	3.00*
S0708-0205-1	3/32"	3/16"	1000 FT.	180	900	29.00
S0708-0305	1/8"	3/16"	CUTS	300	1,500	4.00*
S0708-0305-1	1/8"	3/16"	1000 FT.	300	1,500	40.00
S0708-0307	1/8"	1/4"	CUTS	300	1,500	5.00*
S0708-0307-1	1/8"	1/4"	1000 FT.	300	1,500	54.00
S0708-0407	5/32"	1/4"	CUTS	440	2,200	7.00*
S0708-0407-1	5/32"	1/4"	1000 FT.	440	2,200	73.50
S0708-0508	3/16"	5/16"	CUTS	620	3,100	9.00*
S0708-0508-1	3/16"	5/16"	1000 FT.	620	3,100	100.00
S0708-0708	1/4"	5/16"	CUTS	1,040	5,200	12.00*
S0708-0708-1	1/4"	5/16"	1000 FT.	1,040	5,200	132.00

BLACK						
S0709-0103	1/16"	1/8"	CUTS	80	400	1.00*
S0709-0103-1	1/16"	1/8"	1000 FT.	80	400	13.00
S0709-0205	3/32"	3/16"	CUTS	180	900	3.00*
S0709-0205-1	3/32"	3/16"	1000 FT.	180	900	29.00
S0709-0305	1/8"	3/16"	CUTS	300	1,500	4.00*
S0709-0305-1	1/8"	3/16"	1000 FT.	300	1,500	40.00
S0709-0307	1/8"	1/4"	CUTS	300	1,500	5.00*
S0709-0307-1	1/8"	1/4"	1000 FT.	300	1,500	54.00
S0709-0407	5/32"	1/4"	CUTS	440	2,200	7.00*
S0709-0407-1	5/32"	1/4"	1000 FT.	440	2,200	73.50
S0709-0508	3/16"	5/16"	CUTS	620	3,100	9.00*
S0709-0508-1	3/16"	5/16"	1000 FT.	620	3,100	100.00
S0709-0708	1/4"	5/16"	CUTS	1,040	5,200	12.00*
S0709-0708-1	1/4"	5/16"	1000 FT.	1,040	5,200	132.00

NOTE: WIRE IS RIGHT HAND LAY IWRC PVC COATED WHITE OR BLACK. OIL FREE AND POLISHED. MOUNTED ON WOODEN OR PLASTIC REELS. * = WEIGHT PER 100' IN POUNDS, WITHOUT REEL. SPOOL WEIGHT INCLUDES REEL.

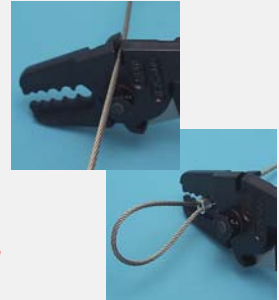


HAND SWAGER



ITEM	SIZE (length)	SWAGES	WT (lb)
E0113-0350	14"	1/16" - 1/8"	2.55
E0113-0600	24"	1/16" - 3/16"	6.35
E0113-0700	30"	5/32" - 1/4" - 5/16"	9.80

NOTE:
FOR USE ON ALUMINUM, COPPER, AND ZINC PLATED COPPER OVAL AND STOP SLEEVES ONLY. SWAGERS HAVE WIRE CUTTER BUILT-IN.
FOR COMPATIBLE PRODUCTS, SEE PAGE 36-37.

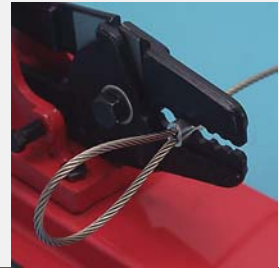


BENCH SWAGER



ITEM	SIZE (length)	SWAGES	WT (lb)
E0115-0600	24"	1/16" - 3/16"	13.10

NOTE:
SWAGER HAS WIRE CUTTER BUILT IN. FOR USE ON ALUMINUM, COPPER, AND ZINC PLATED COPPER OVAL AND STOP SLEEVES ONLY.



"MINI" HAND SWAGER *FOR USE WITH HAND SWAGE SERIES



ITEM	SIZE (length)	SWAGES	WT (lb)
E0113-H001	12"	1/8" and 3/16"	1.76

NOTE:
MAKE HAND SWAGING QUICK AND EASY USING SUNCOR'S "MINI" HAND SWAGER.

THE "MINI" HAND SWAGER CRIMPS THE HAND SWAGE STUDS ONTO THE WIRE ROPE. USE HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

HAND SWAGER *FOR USE WITH HAND SWAGE SERIES



ITEM	SIZE (length)	SWAGES	WT (lb)
E0113-H600	24"	1/8" and 3/16"	6.35

NOTE:
MAKE HAND SWAGING QUICK AND EASY USING SUNCOR'S HAND SWAGER.

HAND SWAGER CRIMPS THE HAND SWAGE STUDS ONTO THE WIRE ROPE. USE HOLE #1 ON 1/8" WIRE AND HOLE #2 ON 3/16" WIRE.

FOR COMPATIBLE PRODUCTS, SEE PAGE 38-41.

BOLT AND CHAIN CUTTER



ITEM	SIZE (length)	CUTS TO	WT (lb)
E0112-BC03	12"	3/16"	1.76
E0112-BC04	18"	1/4"	3.52
E0112-BC06	24"	3/8"	5.94
E0112-BC07	30"	1/2"	9.02
E0112-BC09	36"	5/8"	13.86



WIRE ROPE CUTTER



ITEM	SIZE (length)	CUTS TO	WT (lb)
E0111-WR06	14"	3/16"	2.10
E0111-WR10	24"	1/4"	5.25
E0111-WR16	36"	3/8"	12.50
E0111-WR20	42"	5/8"	19.00



RAILEASY™ CABLE CUTTER



ITEM	WT (lb)
STANDARD C0989-0000	0.71
HEAVY-DUTY C0989-00HD	0.75

NOTE:
HARDENED HEAT TREATED BLADES CUT
5/32" CABLE CLEANLY AND QUICKLY.

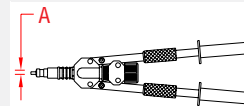


RIVET NUT INSTALLATION TOOL

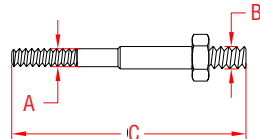


ITEM	LENGTH	A	WT (lb)
S0380-0000	21"	5/16"	4.10

NOTE:
TO BE USED WITH THE RIVET NUTS IN THE
THREADED SECTION, PAGE 90. BOTH "UNC"
AND "UNF" AVAILABLE. TOOL INCLUDES ONE
MANDREL OF YOUR CHOICE. SEE BLOCK
BELOW FOR SPECIFICATIONS.



MANDRELS



ITEM	A	B	C	WT (lb)
UNC Right Hand S0380-U007	1/4"	5/16"	3.25"	0.05
S0380-U008	5/16"	5/16"	3.25"	0.05
Left Hand S0380-UL07	1/4"	5/16"	3.25"	0.05
UNF Right Hand S0380-F007	1/4"	5/16"	3.25"	0.05
Left Hand S0380-FL07	1/4"	5/16"	3.25"	0.05

NOTE:
TO BE USED WITH THE RIVET NUT
INSTALLATION TOOL ABOVE.

Rivet Nut Inserts, page 90



SCREWDRIVER BITS - PHILLIPS



ITEM	SIZE	LENGTH	QTY	WT (lb)
410 STAINLESS STEEL				
E0101-PH02-C-2	#2	1" (25mm)	2	0.04
E0101-PHL2-C-2	#2	2" (50mm)	2	0.06
E0101-PH03-C-2	#3	1" (25mm)	2	0.04
E0101-PHL3-C-2	#3	2" (50mm)	2	0.07

NOTE:
USING STAINLESS DRIVER BITS PREVENTS CONTAMINATION OF STAINLESS
SCREW HEADS. USING TYPICAL STEEL BITS CAN CAUSE STAINLESS
FASTENERS TO STAIN, IF STRIPPING OCCURS DURING INSTALLATION.
PART NUMBERS SHOWN ARE FOR 2 PACKS.
HOWEVER, BULK ORDERS ARE AVAILABLE UPON REQUEST.

PASSIVATING FLUID



ITEM	SIZE	WT
	(fl.oz.)	(lb)
E0100-0000	22	1.60

NOTE:
READY TO USE PASSIVATING/ CLEANER. FLUID CONSISTS OF CITRIC ACID. THERE ARE NO HAZARDOUS INGREDIENTS. USE PASSIVATING SPRAY ON STAINLESS HARDWARE BEFORE EXPOSURE TO THE ELEMENTS. SPRAY BRINGS THE NICKEL CONTENT IN STAINLESS TO THE SURFACE PREVENTING DISCOLORATION OR SURFACE RUST.
HARMFUL IF SWALLOWED. MAY CAUSE EYE BURNS OR SKIN IRRITATION. AVOID INHALATION, MAY CAUSE IRRITATION TO NOSE AND THROAT. EYE PROTECTION AND FACE MASK RECOMMENDED.

METAL POLISH



ITEM	SIZE	WT
		(lb)
PRISM POLISH - GEL		
E0100-P001	6 oz.	0.46
E0100-P002	16 oz.	1.14
E0100-P003	1 gal.	10.26
PRISM POLISH - LIQUID		
E0100-P004	8 fl. oz.	0.66

NOTE:
PRISM POLISH IS FORMULATED TO CLEAN, POLISH AND PROTECT ALL METALS IN ONE APPLICATION. IT CONTAINS NO HARSH ACIDS, CAUSTICS OR ABRASIVES. PRISM POLISH IS NON-TOXIC AND NON-FLAMMABLE. APPLY A SMALL AMOUNT USING A SOFT CLOTH. THERE IS NO NEED TO LET IT DRY. SIMPLY BUFF OFF WITH A CLEAN SOFT CLOTH UNTIL ALL RESIDUE IS GONE.

CLEAR SURFACE PROTECTANT

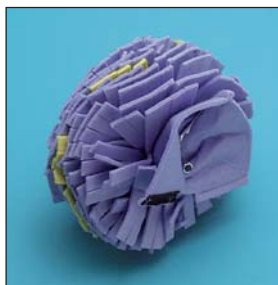


ITEM	SIZE	WT
		(lb)
NYALIC® CLEAR SURFACE PROTECTANT		
S0921-0001	12 oz.	1.05
S0921-0002	1 quart	2.32
NYALIC® CLEARCOAT TOUCH-UP KIT		
E0100-N001		2.14

Kit includes: (2) Nyalic 4-ounce aerosols, (1) Simple Prep™ 4-ounce bottle (degreaser), (1) Right Rinse™ 4-ounce bottle (cleanser), (1) Tuff Prep™ 4-ounce bottle (micro-abrasive gel), (1) Scrub pad, (1) Pair of Nitrile Gloves and (1) White towel.

NOTE:
NYALIC® IS A CRYSTAL CLEAR POLYMERIC RESIN THAT PROVIDES LONG TERM PROTECTION OF STAINLESS STEEL. USE TOUCH-UP KIT TO REPAIR SCRATCHES.

BUFFING BALL



ITEM	SIZE	WT
	(drill)	(lb)
E0100-F006	3/8"	0.57

NOTE:
FLITZ® "BIG BLUE" BUFFING BALL FITS ALL 3/8" DRILLS AND AIR TOOLS. THE PATENTED ORBITAL DESIGN BUFFS AT SPEEDS UP TO 2500 RPM. WON'T OVERHEAT OR CAKE-UP. HUNDREDS OF CLOTH-LIKE "POLISHING FINGERS" BUFF HARD TO REACH PLACES IN SECONDS. EFFORTLESSLY BUFFS OUT SCUFFS, OXIDATION, TARNISH, BRAKE DUST, PITTING AND CORROSION ON ALL METALS, PAINTS, FIBERGLASS AND PLASTICS.

MICROFIBER POLISHING CLOTH



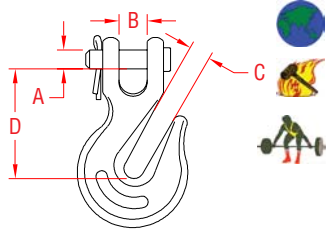
ITEM	SIZE	WT
	(inches)	(lb)
E0100-F007	16" x 16"	0.15

NOTE:
MICROFIBER POLISHING CLOTH EFFORTLESSLY CLEANS AND POLISHES ALL METALS, FIBERGLASS AND PLASTICS. WASHABLE AND REUSABLE UP TO 500 TIMES. MICROFIBER TECHNOLOGY POLISHES AND BUFFS FASTER AND EASIER THAN CLOTH. REMOVES FINGER-PRINTS AND OILS IN ONE WIPE. USE WET OR DRY. STREAK-FREE PERFORMANCE. WORKS ELECTROSTATICALLY.

HOOKS & CLIPS

CLEVIS GRAB HOOK

316 STAINLESS STEEL

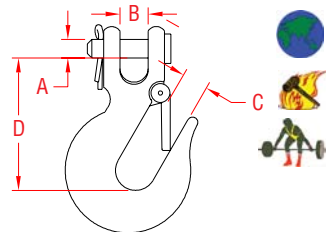


ITEM	SIZE	A	B	C	D	WLL	WT
(nominal size)						(lb)	(lb)
S0451-0007	1/4"	0.37"	0.41"	0.34"	1.83"	1,500	0.40
S0451-0008	5/16"	0.36"	0.36"	0.40"	2.08"	2,000	0.60
S0451-0010	3/8"	0.47"	0.43"	0.48"	2.55"	2,500	1.05
S0451-0013	1/2"	0.54"	0.50"	0.60"	2.85"	3,600	1.84

NOTE:
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS. INCLUDES REMOVABLE CLEVIS PIN. FOR CHAIN SLING ASSEMBLIES, SEE PAGE 14.

CLEVIS SLIP HOOK

316 STAINLESS STEEL

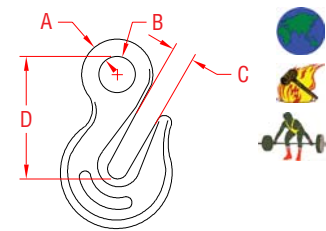


ITEM	SIZE	A	B	C	D	WLL	WT
(nominal size)						(lb)	(lb)
S0452-0007	1/4"	0.37"	0.41"	0.58"	2.57"	1,000	0.57
S0452-0008	5/16"	0.36"	0.40"	0.83"	2.73"	1,500	0.82
S0452-0010	3/8"	0.47"	0.43"	0.95"	3.04"	2,000	1.14
S0452-0013	1/2"	0.54"	0.50"	1.05"	3.53"	3,000	2.13

NOTE:
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS. INCLUDES REMOVABLE LATCH & CLEVIS PIN. FOR CHAIN SLING ASSEMBLIES, SEE PAGE 14. LARGER WLL HOOK DESIGNS ARE IN PROCESS. PLEASE CALL FOR AVAILABILITY.

EYE GRAB HOOK

316 STAINLESS STEEL

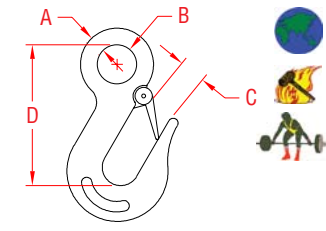


ITEM	A	B	C	D	WLL	WT	
(nominal size)						(lb)	(lb)
S0453-0007	1/4"	0.50"	0.35"	2.00"	1,500	0.35	
S0453-0008	5/16"	0.56"	0.43"	2.25"	2,000	0.56	
S0453-0010	3/8"	0.65"	0.50"	2.50"	2,500	0.89	
S0453-0013	1/2"	0.88"	0.66"	3.35"	3,600	1.51	

NOTE:
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS. FOR CHAIN SLING ASSEMBLIES, SEE PAGE 14.

EYE SLIP HOOK

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT	
(nominal size)						(lb)	(lb)
S0454-0007	1/4"	0.53"	0.68"	2.54"	1,000	0.30	
S0454-0008	5/16"	0.65"	0.75"	3.00"	1,500	0.54	
S0454-0010	3/8"	0.71"	0.80"	3.28"	2,000	1.04	
S0454-0013	1/2"	0.94"	1.02"	4.17"	3,000	1.87	

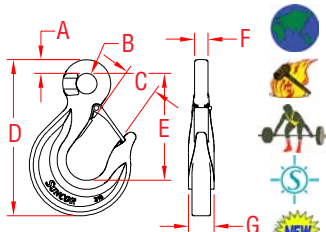
LATCH KIT (REPLACEMENT LATCH, SPRING AND PIN)

Z0454-L007	1/4"					0.01
Z0454-L008	5/16"					0.01
Z0454-L010	3/8"					0.02
Z0454-L013	1/2"					0.04

NOTE:
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS. FOR CHAIN SLING ASSEMBLIES, SEE PAGE 14.

EYE SLIP HOOK - LARGE

316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	G	WLL	WT
(nominal size)								(lb)	(lb)
S0454-0016	5/8"	1.25"	1.99"	9.51"	6.52"	0.82"	1.56"	8,000	7.10
S0454-0020	3/4"	1.50"	2.50"	11.41"	7.82"	0.98"	1.88"	12,000	12.10
S0454-0025	1"	2.00"	3.21"	15.21"	10.42"	1.31"	2.50"	20,000	29.20

LATCH KIT (REPLACEMENT LATCH, SPRING AND PIN)

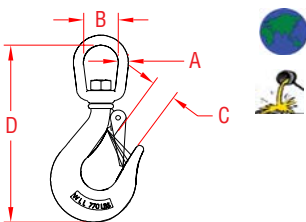
Z0454-L016	5/8"								0.06
Z0454-L020	3/4"								0.10
Z0454-L025	1"								0.16

NOTE:
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS. "4" BEAM DESIGN INCREASES LOAD BEARING SURFACE. FOR CHAIN SLING ASSEMBLIES, SEE PAGE 14.

SWIVEL EYE HOOK



316 STAINLESS STEEL



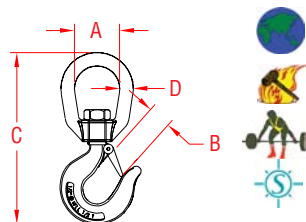
ITEM	SIZE	A	B	C	D	WLL	WT
(nominal size)						(lb)	(lb)
S0455-0100	4"	1/4"	0.86"	0.69"	4.64"	770	0.40
S0455-0120	5"	5/16"	1.09"	0.75"	5.50"	1,430	0.70
S0455-0150	6"	3/8"	1.10"	0.75"	6.29"	2,200	1.15
S0455-0200	8"	1/2"	1.41"	1.15"	7.78"	3,300	2.30
LATCH KIT (REPLACEMENT LATCH, SPRING AND PIN)							
Z0455-L100	4"						0.01
Z0455-L120	5"						0.02
Z0455-L150	6"						0.02
Z0455-L200	8"						0.03

NOTE:
LIGHT DUTY SWIVEL HOOK. HEAVY DUTY IS S0457 SERIES BELOW.
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS.
INCLUDES REMOVABLE LATCH. STAMPED WITH SIZE AND WORKING LOAD.

SWIVEL EYE HOOK



316-NM STAINLESS STEEL



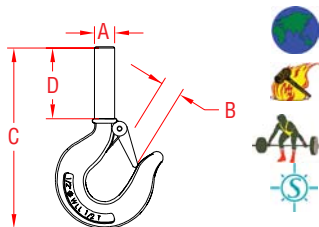
ITEM	A	B	C	D	WLL	WT	
(nominal size)						(lb)	(lb)
S0457-0140	1.24"	0.84"	5.58"	0.40"	1,000	0.88	
S0457-0170	1.47"	0.88"	6.52"	0.53"	1,500	1.44	
S0457-0180	1.70"	0.94"	7.65"	0.65"	2,000	2.28	
S0457-0210	1.69"	1.07"	8.12"	0.64"	2,500	2.60	

NOTE:
HEAVY DUTY SWIVEL HOOK WITH DROP FORGED COMPONENTS.
LOAD RATED FOR OVERHEAD LIFTING. INCLUDES REMOVABLE SAFETY LATCH.

SHANK HOOK



316-NM STAINLESS STEEL



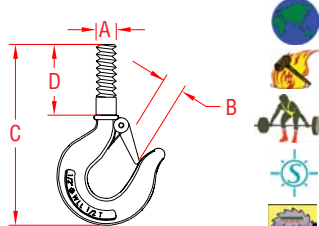
ITEM	A	B	C	D	WLL	WT	
(nominal size)						(lb)	(lb)
S0456-0100	1/2"	0.84"	5.06"	2.00"	1,000	0.66	
S0456-0120	5/8"	0.88"	5.53"	2.25"	1,500	0.90	
S0456-0150	3/4"	0.94"	6.25"	2.50"	2,000	1.34	
S0456-0200	7/8"	1.07"	6.90"	2.75"	2,500	1.86	

NOTE:
LOAD RATED. HEAVY DUTY SHANK HOOK.
INCLUDES REMOVABLE SAFETY LATCH.
CUSTOM THREADS AVAILABLE IN UNF, UNC AND METRIC.

THREADED SHANK HOOK



316-NM STAINLESS STEEL



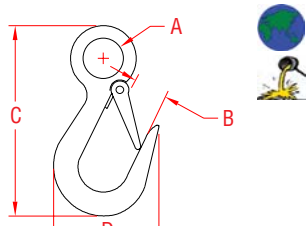
ITEM	A	B	C	D	WLL	WT	
(thread size)						(lb)	(lb)
S0458-0100	1/2" - 13	0.84"	5.06"	2.00"	1,000	0.66	
S0458-0120	5/8" - 11	0.88"	5.53"	2.25"	1,500	0.90	
S0458-0150	3/4" - 10	0.94"	6.25"	2.50"	2,000	1.34	
S0458-0200	7/8" - 9	1.07"	6.90"	2.75"	2,500	1.86	

NOTE:
LOAD RATED. HEAVY DUTY SHANK HOOK.
INCLUDES REMOVABLE SAFETY LATCH.
STANDARD UNC THREADS.

EYE HOOK



316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT	
(nominal size)						(lb)	(lb)
S0194-0001	3/4"	0.66"	3.90"	1.88"	300	0.27	
S0194-0002	1-1/8"	0.77"	4.62"	2.10"	350	0.39	

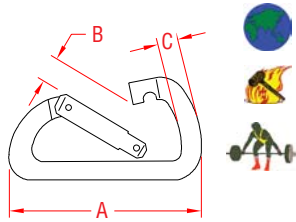
NOTE:
WORKING LOADS ARE BASED ON GRADUAL PULL, NOT SHOCK LOADS.
INCLUDES REMOVABLE SAFETY LATCH.

HOOKS & CLIPS

HOOKS & CLIPS

ASYMMETRICAL CLIP

316 STAINLESS STEEL

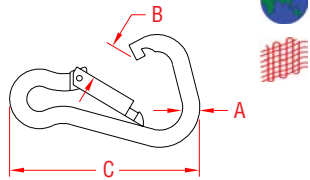


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
SPRING CLIP					
S0140-0080	3"	0.60"	0.31"	700	0.16
S0140-0100	4"	0.75"	0.40"	1,350	0.31
WIRE LEVER CLIP					
S0141-0080	3"	0.62"	0.31"	700	0.15
S0141-0100	4"	0.75"	0.40"	1,350	0.29

NOTE:
 EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD.
 S0140-SERIES MARKED IN KILONEWTONS
 CONVERSION: KN X 224.8 = LB.
 S0141-SERIES MARKED IN KILOGRAMS
 CONVERSION: KG X 2.2 = LB.

WIDE ASYMMETRICAL CLIP

316 STAINLESS STEEL

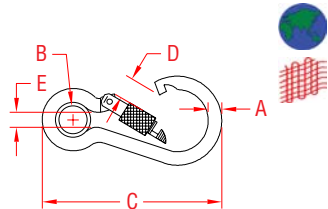


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0195-0100	3/8"	0.74"	4.00"	400	0.30
S0195-0120	7/16"	1.00"	4.75"	540	0.43

NOTE:
 ALSO AVAILABLE WITH EYE ON SPECIAL ORDER.
 BULK ORDERS OF OTHER SIZES MAY BE PLACED ON SPECIAL ORDER.

SCREW LOCK SPRING CLIP

316 STAINLESS STEEL

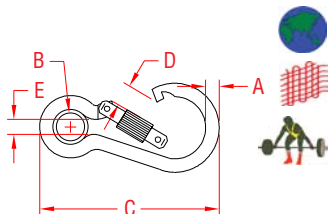


ITEM	A	B	C	D	E	WLL	WT
	(size)	(ID)				(lb)	(lb)
S0181-0060	1/4"	0.25"	2.38"	0.31"	0.23"	250	0.07
S0181-0080	5/16"	0.40"	3.13"	0.27"	0.37"	400	0.16
S0181-0100	3/8"	0.48"	4.00"	0.45"	0.46"	600	0.30
S0181-0120	7/16"	0.61"	4.63"	0.59"	0.55"	800	0.44
S0181-0140	15/32"	0.83"	5.55"	0.83"	0.63"	1,000	0.61

NOTE:
 SCREW LOCK NUT PREVENTS ACCIDENTAL OPENING.
 EYELET IS REMOVABLE. COMMERCIAL GRADE.

KEY LOCK SPRING CLIP

316 STAINLESS STEEL

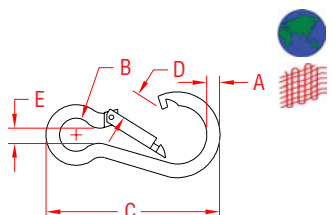


ITEM	A	B	C	D	E	WLL	WT
	(size)	(ID)				(lb)	(lb)
S0181-K100	3/8"	0.44"	4.00"	0.51"	0.42"	800	0.32
S0181-K120	7/16"	0.59"	5.00"	0.61"	0.57"	1,000	0.46

NOTE:
 WITH KEY LOCK MECHANISM. SCREW LOCK NUT PREVENTS ACCIDENTAL OPENING. EYELET IS REMOVABLE.
 EACH CLIP IS PROOF TESTED AND STAMPED WITH BREAK LOAD IN KILOGRAMS.
 CONVERSION: KGX2.2=LB.

SPRING CLIP

316 STAINLESS STEEL

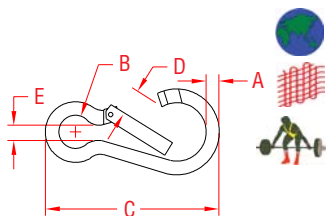


ITEM	A	B	C	D	E	WLL	WT
	(size)	(ID)				(lb)	(lb)
S0120-0050	3/16"	0.32"	2.00"	0.25"	0.24"	120	0.04
S0120-0060	1/4"	0.36"	2.38"	0.27"	0.27"	170	0.06
S0120-0070	9/32"	0.45"	2.75"	0.34"	0.37"	200	0.10
S0120-0080	5/16"	0.48"	3.13"	0.38"	0.37"	280	0.15
S0120-0100	3/8"	0.63"	3.88"	0.54"	0.47"	400	0.28
S0120-0120	7/16"	0.75"	4.63"	0.65"	0.55"	540	0.41
S0120-0140	15/32"	0.87"	5.50"	0.80"	0.60"	740	0.58
S0120-0160	1/2"	0.90"	6.25"	0.95"	0.61"	900	0.79

NOTE:
 EACH CLIP IS STAMPED WITH "316" AND WLL (LB).
 COMMERCIAL GRADE.

SPRING CLIP (KEY LOCK)

316 STAINLESS STEEL

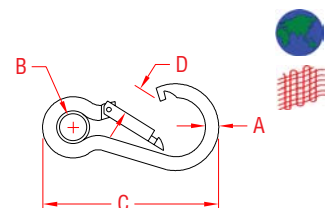


ITEM	A	B	C	D	E	WLL	WT
	(size)	(ID)				(lb)	(lb)
S0120-K050	3/16"	0.31"	2.00"	0.29"	0.20"	200	0.04
S0120-K060	1/4"	0.35"	2.38"	0.37"	0.21"	250	0.07
S0120-K070	9/32"	0.46"	2.88"	0.40"	0.33"	300	0.10
S0120-K080	5/16"	0.44"	3.25"	0.43"	0.33"	400	0.16
S0120-K100	3/8"	0.55"	4.00"	0.60"	0.40"	600	0.30
S0120-K120	7/16"	0.69"	4.75"	0.70"	0.57"	800	0.43
S0120-K160	1/2"	0.87"	6.38"	1.18"	0.75"	1,000	0.78

NOTE:
KEY LOCK MECHANISM. EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD. CLIPS S0120-K050 - S0120-K070 ARE MARKED IN KILOGRAMS (CONVERSION: KGX2.2=LB), WHILE S0120-K080 - S0120-K160 ARE MARKED IN KILONEWTONS (CONVERSION: KN X 224.8 = LB). BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

SPRING CLIP WITH EYE

316 STAINLESS STEEL

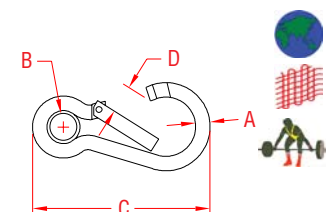


ITEM	A	B	C	D	WLL	WT
	(size)	(ID)			(lb)	(lb)
S0121-0050	3/16"	0.25"	2.00"	0.25"	120	0.04
S0121-0060	1/4"	0.30"	2.38"	0.27"	150	0.06
S0121-0070	9/32"	0.32"	2.75"	0.34"	200	0.10
S0121-0080	5/16"	0.40"	3.13"	0.38"	280	0.15
S0121-0100	3/8"	0.50"	3.88"	0.54"	400	0.28
S0121-0120	7/16"	0.60"	4.71"	0.65"	500	0.41
S0121-0140	15/32"	0.80"	5.50"	0.80"	750	0.58
S0121-0160	1/2"	0.87"	6.25"	0.95"	900	0.79

NOTE:
EACH CLIP IS STAMPED WITH "316" AND WLL (LB). COMMERCIAL GRADE.

SPRING CLIP with EYE (KEY LOCK)

316 STAINLESS STEEL

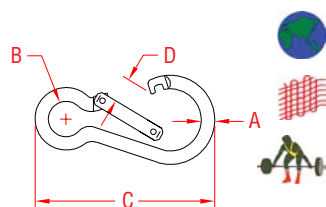


ITEM	A	B	C	D	WLL	WT
	(size)	(ID)			(lb)	(lb)
S0121-K050	3/16"	0.24"	2.00"	0.29"	200	0.04
S0121-K060	1/4"	0.27"	2.38"	0.37"	250	0.07
S0121-K070	9/32"	0.35"	2.88"	0.40"	300	0.10
S0121-K080	5/16"	0.39"	3.25"	0.43"	400	0.16
S0121-K100	3/8"	0.45"	4.00"	0.66"	600	0.30
S0121-K120	7/16"	0.59"	4.75"	0.70"	800	0.43
S0121-K160	1/2"	0.87"	6.38"	1.18"	1,000	0.78

NOTE:
KEY LOCK MECHANISM. EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD. CLIPS S0121-K050 - S0121-K070 ARE MARKED IN KILOGRAMS (CONVERSION: KGX2.2=LB), WHILE S0121-K080 - S0121-K160 ARE MARKED IN KILONEWTONS (CONVERSION: KN X 224.8 = LB). BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

SPRING CLIP (SPECIAL GATE)

316 STAINLESS STEEL

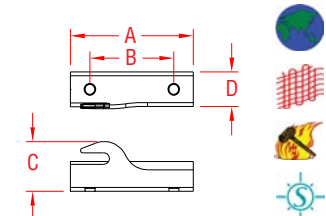


ITEM	A	B	C	D	WLL	WT
	(size)	(ID)			(lb)	(lb)
WITHOUT EYELET:						
S0142-0080	5/16"	0.45"	3.25"	0.54"	500	0.16
S0142-0100	3/8"	0.56"	4.00"	0.62"	700	0.30
S0142-0120	7/16"	0.70"	4.75"	0.85"	1,000	0.43
WITH EYELET:						
S0143-0080	5/16"	0.39"	3.25"	0.54"	500	0.16
S0143-0100	3/8"	0.45"	4.00"	0.62"	700	0.30
S0143-0120	7/16"	0.58"	4.75"	0.85"	1,000	0.43

NOTE:
EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILOGRAMS. CONVERSION: KG X 2.2 = LB.

MOORING HOOK OR KIT

316 STAINLESS STEEL



ITEM	A	B	C	D	WT
					(lb)
HOLDER					
S0182-0000	2.56"	1.76"	1.09"	0.69"	0.16
KIT - MOORING HOOK W/ HOLDER					
S0182-K100-C	4"	S0184-0100 CLIP WITH HOLDER ON A DISPLAY CARD			0.46
S0182-K120-C	5"	S0172-S120 CLIP WITH HOLDER ON A DISPLAY CARD			0.68

NOTE:
THIS HOLDER WILL ALLOW THE SPRING CLIP TO STAY OPEN IN ORDER TO ATTACH LINE TO MOORING.

SPECIFICATIONS FOR EACH CLIP (S0184-0100 & S0172-S120) IN EACH KIT, ARE LISTED ON PAGE 60.

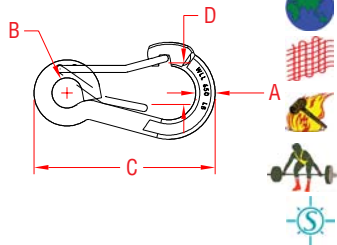


HOOKS & CLIPS

HOOKS & CLIPS

HARNES CLIP (WIRE LEVER)

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)	(ID)			(lb)	(lb)
S0184-0060	1/4"	0.32"	2.38"	0.38"	260	0.06
S0184-0080	5/16"	0.52"	3.25"	0.56"	650	0.15
S0184-0100	3/8"	0.66"	4.00"	0.58"	1,000	0.30
S0184-0120	1/2"	0.86"	5.00"	0.81"	1,500	0.62

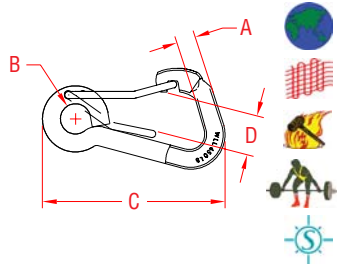
NOTE:
FORGED END. STAMPED WITH WORKING LOAD (LB). BREAKING LOAD IS 5 TIMES THE WORK LOAD SHOWN.

FEATURES LONG LASTING TORSION SPRING GATE.



HARNES CLIP (WIRE LEVER)

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)	(ID)			(lb)	(lb)
S0172-0060	1/4"	0.31"	2.38"	0.43"	260	0.07
S0172-0080	5/16"	0.52"	3.25"	0.62"	750	0.16
S0172-0100	3/8"	0.67"	4.00"	0.69"	1,200	0.30
S0172-0120	1/2"	0.85"	5.00"	0.90"	2,000	0.52
S0172-S120	1/2"	0.85"	5.00"	0.90"	2,000	0.52

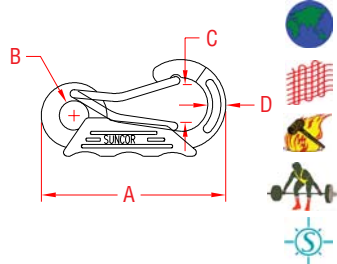
STRAIGHT BACK VERSION

NOTE:
FORGED END. STAMPED WITH WORKING LOAD.
FEATURES LONG LASTING TORSION SPRING GATE.



HARNES CLIP (POLY GRIP)

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0184-N100	4"	0.66"	0.58"	0.39"	1,000	0.31
S0184-N120	4-3/4"	0.86"	0.81"	0.50"	1,500	0.64

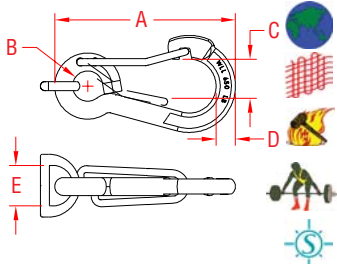
NOTE:
FORGED END. STAMPED WITH WORKING LOAD. (LB.) BREAKING LOAD IS 5 TIMES THE WORK LOAD SHOWN. FEATURES LONG LASTING TORSION SPRING GATE.

POLYURETHANE GRIPS ALLOW FOR SUPERIOR HANDLING. IN SAFETY ORANGE.



HARNES CLIP WITH D RING

316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0223-8025	3-1/4"	0.52"	0.56"	0.31"	1.00"	650	0.20

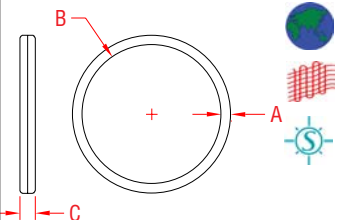
NOTE:
"D" RING IS FORGED.

SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE STARTING ON PAGE 97.



KEY RING

304 STAINLESS STEEL

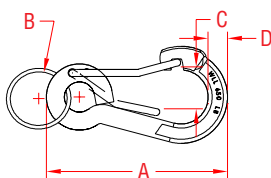


ITEM	A	B	C	WT
	(size)			(lb)
S0185-KR01	0.08"	1.00"	0.15"	0.01
S0185-KR02	0.05"	0.50"	0.08"	0.01
S0185-KR03	0.07"	0.75"	0.12"	0.01

NOTE:
304 STAINLESS STEEL WITH NICKEL PLATING.
MINIMUM PURCHASE OF 100.

SPRING CLIP WITH KEY RING

316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)				(lb)
S0185-KR60	2-3/8"	1.00"	0.38"	0.23"	0.07

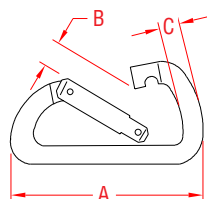
NOTE:
THE ENDS OF THE CLIP ARE FORGED.
THE 1 INCH KEY RING IS FORMED
FROM STAINLESS, THEN NICKEL PLATED
FOR SUPERIOR FINISH.

POP DISPLAY HOLDS 100 CLIPS:
C0185-KR60BX



USA DESIGN KEY CLIP

ALUMINUM



ITEM	A	B	C	WT
	(size)			(lb)
S0186-US80	1"	3.15"	0.50"	0.05

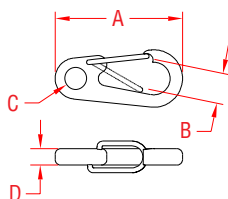
NOTE:
LIGHTWEIGHT ALUMINUM WITH HIGH
IMPACT GRAPHICS OF THE AMERICAN FLAG.

POP DISPLAY HOLDS 100 CLIPS
C0186-US80BX



MINI CLIP (WIRE LEVER)

316 STAINLESS STEEL



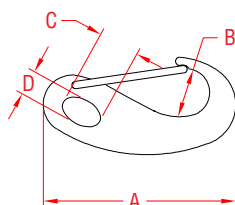
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0185-0035	1-3/8"	0.23"	0.20"	0.16"	65	0.02

NOTE:
USE ANYWHERE A SMALL CLIP IS NEEDED. USE FOR CAMERAS,
FLASHLIGHTS AND MORE. WIRE LEVER IS DURABLE FOR YEARS
OF RELIABILITY. HIGHLY POLISHED FINISH. THE SMALLEST
HIGH QUALITY STAINLESS CLIP AVAILABLE.



SPRING GATE SNAP

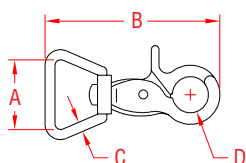
316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0161-0050	2"	0.38"	0.40"	0.25"	150	0.05
S0161-0070	2-3/4"	0.42"	0.61"	0.39"	350	0.13
S0161-0100	3-3/4"	0.55"	0.87"	0.59"	500	0.32

TRIGGER SNAP "D" BAIL

316 STAINLESS STEEL



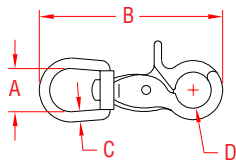
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0192-0001	5/8"	2.43"	0.23"	0.43"	200	0.12
S0192-0002	3/4"	2.50"	0.23"	0.43"	200	0.12
S0192-0003	1"	2.65"	0.22"	0.43"	200	0.13

HOOKS & CLIPS

HOOKS & CLIPS

TRIGGER SNAP EYE BAIL

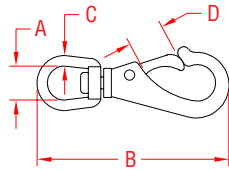
316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0193-0001	1/2"	2.62"	0.15"	0.43"	200	0.11
S0193-0002	5/8"	2.65"	0.20"	0.43"	200	0.11

SWIVEL EYE SNAP

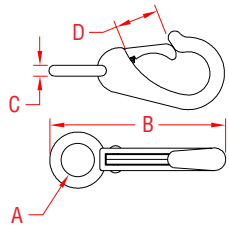
316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0174-0001	5/8"	3.37"	0.20"	0.40"	100	0.14
S0174-0002	3/4"	3.87"	0.24"	0.47"	200	0.22
S0174-0003	7/8"	4.62"	0.27"	0.51"	300	0.35

FIXED EYE SNAP

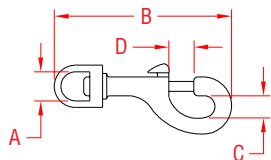
316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0175-0000	3/8"	2.10"	0.15"	0.22"	100	0.05
S0175-0001	5/8"	2.71"	0.19"	0.37"	200	0.10
S0175-0002	3/4"	3.12"	0.20"	0.50"	250	0.13
S0175-0003	7/8"	3.75"	0.28"	0.60"	300	0.24

SWIVEL BOLT SNAP

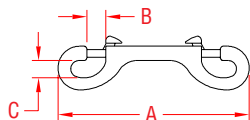
316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0176-0000	3/8"	2.73"	0.32"	0.28"	100	0.06
S0176-0001	1/2"	3.16"	0.36"	0.37"	200	0.09
S0176-0002	5/8"	3.44"	0.43"	0.36"	250	0.11
S0176-0003	3/4"	3.60"	0.43"	0.36"	300	0.12
S0176-0004	1-1/4"	4.63"	0.48"	0.53"	350	0.20

DOUBLE BOLT SNAP

316 STAINLESS STEEL

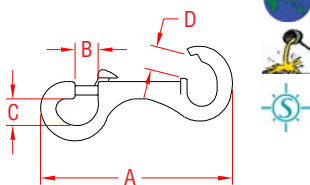


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0176-0900	3-1/2"	0.25"	0.33"	100	0.09
S0176-1000	4"	0.37"	0.43"	200	0.15
S0176-1200	4-3/4"	0.48"	0.47"	250	0.19

NOTE:
ALLOWS EASY CONNECTION AND DISCONNECTION AT EITHER END.

U.S. NAVY BOLT SNAP

316 STAINLESS STEEL

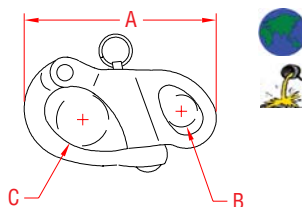


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0177-USN6	6-1/2"	0.63"	0.93"	0.72"	1,000	1.06

NOTE:
BUREAU OF SHIPS NUMBER: S8101A1,464,418
PRODUCT IS USUALLY ATTACHED TO CHAIN WITH OPEN END, WHICH IS THEN BENT CLOSED.

FIXED SNAP SHACKLE

316 STAINLESS STEEL

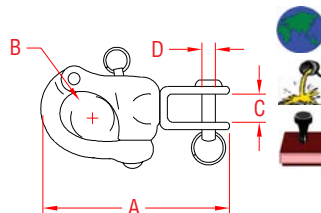


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0158-0001	2"	0.42"	0.56"	1,000	0.10
S0158-0002	2-5/8"	0.51"	0.75"	1,500	0.21
S0158-0003	3-3/4"	0.68"	1.10"	2,000	0.49

NOTE:
BREAKLOAD IS APPROXIMATELY 4 TIMES THE WORK LOAD LIMIT.

JAW SWIVEL SNAP SHACKLE

316 STAINLESS STEEL

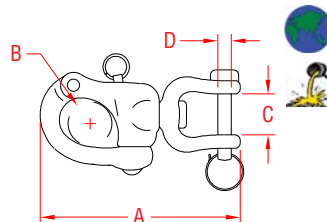


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0170-0001	2-3/4"	0.57"	0.54"	0.24"	800	0.14
S0170-0002	3-1/2"	0.75"	0.60"	0.27"	1,200	0.27
S0170-0003	5"	1.05"	0.87"	0.48"	1,800	0.88

NOTE:
STAMPED BAIL. REMOVABLE JAW PIN.
BREAKLOAD IS APPROXIMATELY 4 TIMES THE WORK LOAD LIMIT.

JAW SWIVEL SNAP SHACKLE

316 STAINLESS STEEL

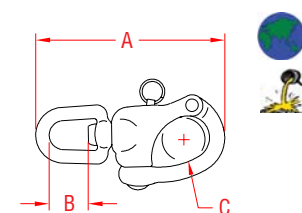


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0171-0001	2-3/4"	0.57"	0.54"	0.23"	1,000	0.17
S0171-0002	3-1/2"	0.75"	0.52"	0.31"	1,500	0.36
S0171-0003	5"	1.05"	0.75"	0.48"	2,000	0.95

NOTE:
REMOVABLE CLEVIS PIN.
BREAKLOAD IS APPROXIMATELY 4 TIMES THE WORK LOAD LIMIT.

SWIVEL SNAP SHACKLE

316 STAINLESS STEEL



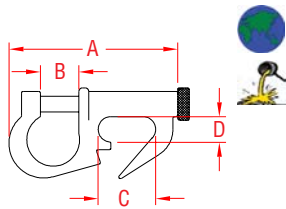
ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0157-0001	2-3/4"	0.50"	0.57"	1,000	0.13
S0157-0002	3-1/2"	0.62"	0.75"	1,500	0.28
S0157-0003	4-3/4"	0.85"	1.05"	2,000	0.67

NOTE:
BREAKLOAD IS APPROXIMATELY 4 TIMES THE WORK LOAD LIMIT.

HOOKS & CLIPS

JIB HANK

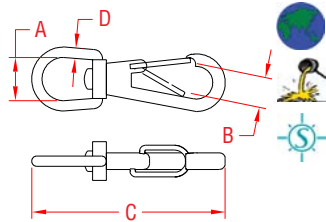
BRONZE



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
B0169-0000	1-1/2"	0.23"	0.40"	0.25"	75	0.05
B0169-0001	2-1/4"	0.50"	0.83"	0.43"	100	0.10
B0169-0002	2-1/2"	0.63"	0.90"	0.43"	125	0.15
B0169-0003	3"	0.67"	0.97"	0.43"	135	0.20

SWIVEL EYE SNAP

304 STAINLESS STEEL

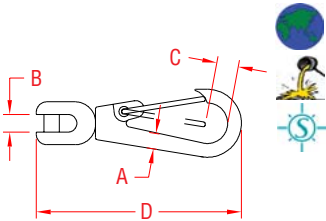


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0166-0003	3/4"	0.31"	2.87"	0.16"	130	0.07

NOTE:
SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE BEGINNING ON PAGE 97.

CHAIN SWIVEL SNAP

316 STAINLESS STEEL



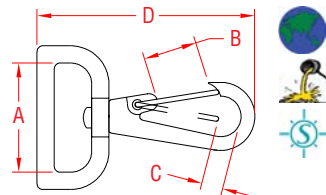
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0645-0005	5/32 - 3/16"	0.21"	0.32"	2.87"	130	0.07

NOTE:
STANDARD OR LONG LINK CHAIN, UP TO 3/16" (WIRE) SIZE, CAN BE ATTACHED TO CLIP. USE CLIP AT THE END OF TWIST LINK CHAIN FOR A DOG LEASH OR AT THE END OF A KILL CORD FOR WATERCRAFTS.



SWIVEL WEB CLIP

304 STAINLESS STEEL



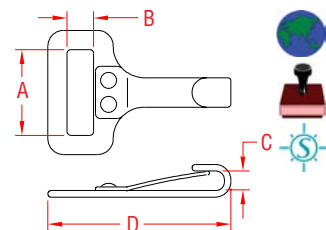
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0221-0025	1"	0.63"	0.32"	2.56"	130	0.07
S0221-0038	1-1/2"	0.63"	0.32"	2.63"	130	0.08
S0221-0050	2"	0.63"	0.32"	2.71"	130	0.10

NOTE:
"SLIMLINE" BAIL FOR WEBBING; SPECIAL TORSION SPRING GATE FOR LONGER LIFE. IDEAL FOR BIMINI TOPS AND HOLD DOWN STRAPS.
SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE STARTING ON PAGE 97.



FIXED BIMINI CLIP

304 STAINLESS STEEL



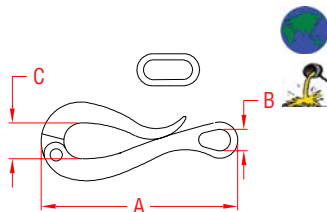
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0220-0025	1"	0.23"	0.20"	1.94"	70	0.03

NOTE:
IDEAL FOR BIMINI TOPS AND HOLD DOWN STRAPS.
SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE STARTING ON PAGE 97.



PELICAN HOOK WITH SLIDE

316 STAINLESS STEEL

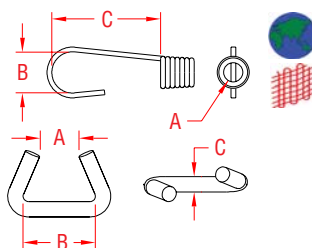


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0180-0100	4"	0.39"	0.75"	200	0.22
S0180-0150	6"	0.51"	0.97"	300	0.56

NOTE:
PELICAN HOOK # S0162 IS FEATURED ON PAGE 31.

HOG RING AND SHOCKCORD

304 STAINLESS STEEL

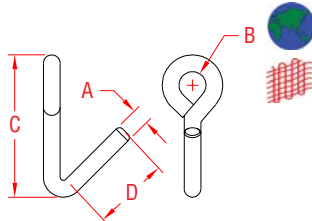


ITEM	A	B	C	WT
	(size)			(lb)
HOG RINGS:				
S0183-0005	3/16"	0.38"	0.08"	0.19/100
S0183-0007	1/4"	0.51"	0.08"	0.20/100
S0183-0008	5/16"	0.62"	0.08"	0.21/100
S0183-0010	3/8"	0.74"	0.08"	0.23/100
S0183-0013	1/2"	0.87"	0.08"	0.24/100

ITEM	A	B	C	WT
SHOCK CORD ENDS:				
S0183-SC05	3/16"	0.62"	1.50"	0.02
S0183-SC07	1/4"	0.62"	1.50"	0.03
S0183-SC08	5/16"	0.88"	1.77"	0.04
S0183-SC10	3/8"	0.94"	1.84"	0.05
S0183-SC13	1/2"	1.14"	2.68"	0.06

DOWNHAUL HOOK

316 STAINLESS STEEL

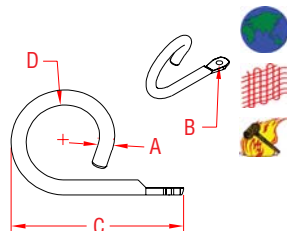


ITEM	A	B	C	D	WT
	(size)				(lb)
S0179-H008	5/16"	0.50"	2.47"	1.40"	0.12
S0179-H010	3/8"	0.50"	3.50"	2.05"	0.25

NOTE:
CAN BE USED IN SAILING APPLICATIONS OR AS CARGO LASHING HOOK.

REEFING HOOK

316 STAINLESS STEEL

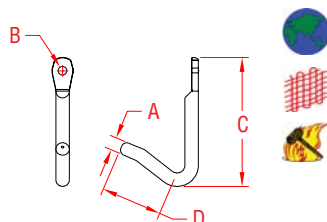


ITEM	A	B	C	D	WT
	(size)				(lb)
S0179-R008	5/16"	0.24"	3.50"	1.30"	0.16
S0179-R010	3/8"	0.24"	4.15"	1.84"	0.31

NOTE:
ATTACHMENT END IS FORGED FLAT FOR EASY INSTALLATION.
REFERENCE "FASTENER MATCHING CHART" (PAGE 154)
FOR COMPATIBLE FASTENERS.

TACK HOOK

316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)				(lb)
S0179-T008	5/16"	0.24"	3.12"	1.48"	0.10
S0179-T010	3/8"	0.24"	3.56"	1.90"	0.18

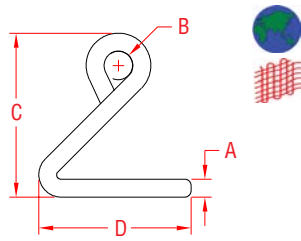
NOTE:
CAN BE USED IN SAILING APPLICATIONS OR AS CARGO LASHING HOOK.
ATTACHMENT END IS FORGED FLAT FOR EASY INSTALLATION.
REFERENCE "FASTENER MATCHING CHART" (PAGE 154)
FOR COMPATIBLE FASTENERS.

HOOKS & CLIPS

HOOKS & CLIPS

CUNNINGHAM HOOK

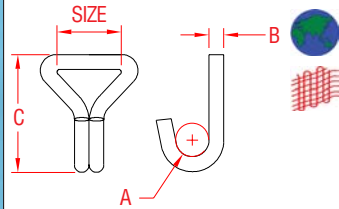
316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)				(lb)
S0179-CH07	1/4"	0.42"	2.45"	1.72"	0.07
S0179-CH08	5/16"	0.62"	3.80"	2.42"	0.19

DOUBLE "J" WEB HOOK

304 STAINLESS STEEL

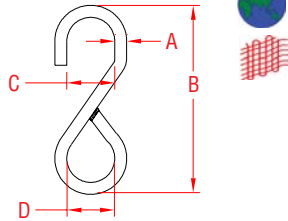


ITEM	SIZE	A	B	C	WLL	WT
					(lb)	(lb)
S0211-0025	1"	0.78"	0.27"	2.77"	400	0.15
S0211-0038	1-1/2"	0.78"	0.38"	3.44"	1,000	0.40
S0211-0050	2"	0.78"	0.38"	3.44"	1,500	0.41

NOTE:
SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE STARTING ON PAGE 97.

WELDED "S" WEB HOOK

316 STAINLESS STEEL

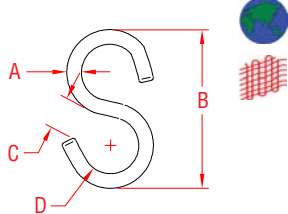


ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
S0212-0025	1"	0.25"	3.50"	1.00"	1.00"	200	0.12
S0212-0038	1-1/2"	0.31"	4.50"	1.50"	1.50"	300	0.22
S0212-0050	2"	0.38"	6.18"	2.00"	2.00"	400	0.46

NOTE:
QUALITY "S" HOOK IS WELDED TO PREVENT WEBBING FROM SLIPPING THROUGH. BULK ORDERS OF OTHER SIZES OR TYPES MAY BE PLACED ON SPECIAL ORDER.
SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE STARTING ON PAGE 97.

"S" HOOK

316 STAINLESS STEEL

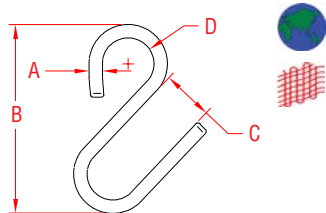


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0178-0003	1/8"	1.38"	0.20"	0.42"	50	0.01
S0178-0004	5/32"	1.59"	0.20"	0.51"	80	0.02
S0178-0005	3/16"	1.90"	0.29"	0.63"	120	0.04
S0178-0006	1/4"	2.25"	0.32"	0.70"	200	0.06
S0178-0008	5/16"	2.58"	0.46"	0.75"	350	0.12

NOTE:
BULK ORDERS OF OTHER SIZES OR TYPES MAY BE PLACED ON SPECIAL ORDER.

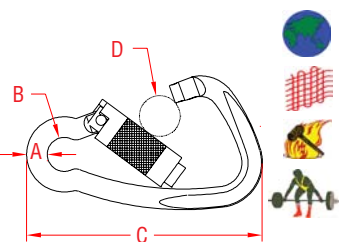
"U" HOOK

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0179-0006	1/4"	2.15"	0.42"	0.35"	300	0.06
S0179-0008	5/16"	2.95"	0.65"	0.62"	400	0.14
S0179-0010	3/8"	3.35"	0.75"	0.67"	500	0.26

HARNESSES CLIP - AUTO LOCK

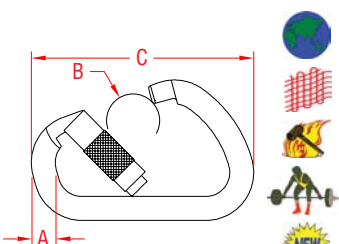


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
ALUMINUM (W/ ALUMINUM LOCK)						
A0146-0012	7/16"	0.70"	4.91"	0.84"	1,600	0.18
316 STAINLESS STEEL (W/ BLACK FIBERGLASS LOCK)						
S0146-0012	7/16"	0.70"	4.91"	0.84"	2,000	0.46
ZINC-PLATED CARBON STEEL (W/ BRONZE LOCK)						
Z0146-0012	7/16"	0.70"	4.91"	0.84"	1,600	0.46

NOTE:

EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS. BREAK LOAD S APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

XL CLIP - AUTO LOCK



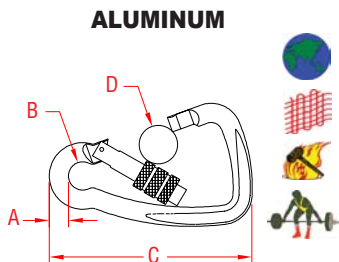
ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
ALUMINUM (W/ BLACK FIBERGLASS LOCK)					
A0147-0013	1/2"	1.06"	4.50"	2,200	0.20
316 STAINLESS STEEL (W/ NICKEL BRONZE LOCK)					
S0147-0013	1/2"	1.06"	4.50"	2,500	0.50
BLACK COATED CARBON STEEL (W/ BRONZE LOCK)					
Z0147-0013	1/2"	1.06"	4.50"	3,500	0.50

NOTE:

EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS. BREAK LOAD S APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

HARNESSES CLIP - SCREW LOCK

ALUMINUM



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
W/ BRASS LOCK						
A0148-0008	5/16"	0.47"	3.40"	0.66"	400	0.06
W/ ALUMINUM LOCK						
A0148-0010	3/8"	0.52"	4.06"	0.67"	1,200	0.12
A0148-0012	7/16"	0.70"	4.92"	0.91"	1,600	0.18

NOTE:

EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.

CONVERSION: KN X 224.8 = LB.

BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

HARNESSES CLIP - SCREW LOCK

**316 STAINLESS STEEL
W/ STAINLESS LOCK**



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0148-0008	5/16"	0.47"	3.40"	0.66"	1,000	0.18
S0148-0010	3/8"	0.52"	4.06"	0.67"	1,500	0.34
S0148-0012	7/16"	0.70"	4.92"	0.91"	2,000	0.50

NOTE:

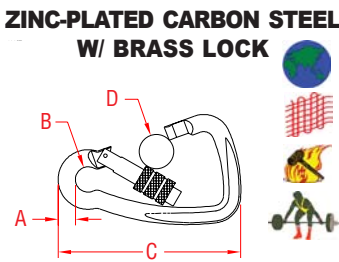
EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.

CONVERSION: KN X 224.8 = LB.

BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

HARNESSES CLIP - SCREW LOCK

**ZINC-PLATED CARBON STEEL
W/ BRASS LOCK**



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
Z0148-0008	5/16"	0.47"	3.40"	0.66"	600	0.18
Z0148-0010	3/8"	0.52"	4.06"	0.67"	1,200	0.34
Z0148-0012	7/16"	0.70"	4.92"	0.91"	1,600	0.50

NOTE:

EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.

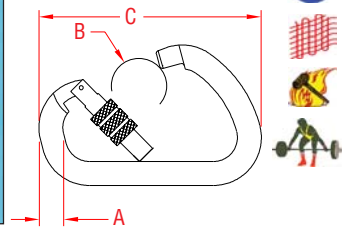
CONVERSION: KN X 224.8 = LB.

BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

HOOKS & CLIPS

XL CLIP - SCREW LOCK

ALUMINUM W/
ALUMINUM LOCK

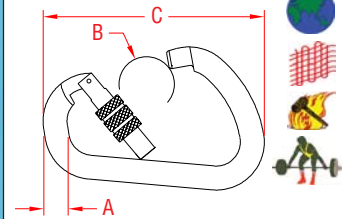


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
A0149-0013	1/2"	1.06"	4.50"	2,200	0.20

NOTE:
EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.
CONVERSION: KN X 224.8 = LB.
BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

XL CLIP - SCREW LOCK

316 STAINLESS STEEL
W/ STAINLESS LOCK

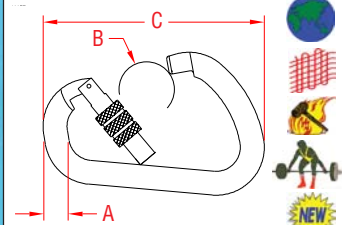


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0149-0013	1/2"	1.06"	4.50"	2,500	0.56

NOTE:
EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.
CONVERSION: KN X 224.8 = LB.
BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

XL CLIP - SCREW LOCK

BLACK COATED CARBON
STEEL W/ BRASS LOCK

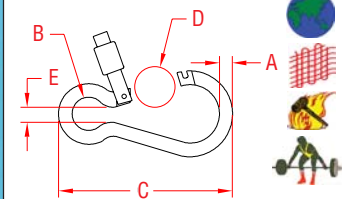


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
Z0149-0013	1/2"	1.06"	4.50"	3,500	0.56

NOTE:
EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.
CONVERSION: KN X 224.8 = LB.
BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

EXT CLIP - SLIDE LOCK

316 STAINLESS STEEL
W/ STAINLESS LOCK

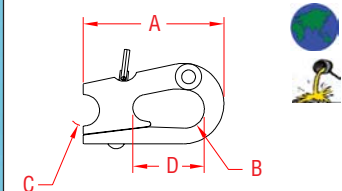


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0145-0008	5/16"	0.46"	3.16"	0.99"	0.40"	600	0.16
S0145-0010	3/8"	0.59"	3.95"	1.29"	0.44"	900	0.31

NOTE:
EACH CLIP IS PROOF TESTED AND STAMPED WITH THE BREAK LOAD IN KILONEWTONS.
CONVERSION: KN X 224.8 = LB.
BREAK LOAD IS APPROXIMATELY 3 TIMES THE WORK LOAD LIMIT.

ROPE SNAP SHACKLE

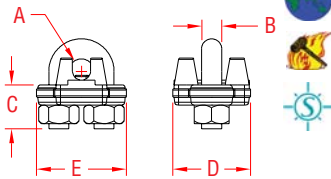
316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)				(lb)
S0159-0001	2"	0.55"	0.42"	1.05"	0.12
S0159-0002	2-5/8"	0.68"	0.57"	1.25"	0.22
S0159-0003	3-3/4"	1.05"	0.88"	1.95"	0.70

HEAVY WIRE ROPE CLIP

316-NM STAINLESS STEEL



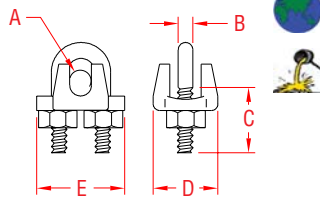
ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0122-0003	1/8"	0.21"	0.50"	0.80"	0.92"	0.06
S0122-0005	3/16"	0.24"	0.62"	0.95"	1.15"	0.10
S0122-0007	1/4"	0.30"	0.75"	1.18"	1.46"	0.20
S0122-0008	5/16"	0.36"	0.78"	1.33"	1.66"	0.28
S0122-0010	3/8"	0.43"	0.82"	1.56"	1.90"	0.44
S0122-0013	1/2"	0.48"	1.05"	1.90"	2.28"	0.71
S0122-0016	5/8"	0.54"	1.28"	2.05"	2.48"	1.00
S0122-0020	3/4"	0.62"	1.50"	2.24"	2.83"	1.48
S0122-0025	1"	0.68"	1.90"	2.59"	3.47"	2.55

NOTE:
1/A/W FEDERAL SPECIFICATION FF-C-450D, TYPE 1.
(EXCEPT 316 STAINLESS, DROP FORGED)

FORGED

WIRE ROPE CLIP - 304 SS

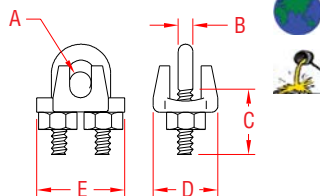
304 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0122-FS02	1/16"	0.09"	0.40"	0.52"	0.55"	0.02
S0122-FS03	1/8"	0.12"	0.43"	0.55"	0.62"	0.02
S0122-FS04	5/32"	0.15"	0.56"	0.70"	0.73"	0.04
S0122-FS05	3/16"	0.19"	0.67"	0.78"	0.87"	0.06
S0122-FS07	1/4"	0.23"	0.75"	0.84"	1.11"	0.09
S0122-FS08	5/16"	0.31"	0.90"	1.06"	1.34"	0.17
S0122-FS10	3/8"	0.38"	1.00"	1.32"	1.74"	0.36
S0122-FS13	1/2"	0.47"	1.40"	1.48"	1.97"	0.52
S0122-FS14	9/16"	0.47"	1.50"	1.70"	2.05"	0.61
S0122-FS16	5/8"	0.54"	1.87"	1.83"	2.33"	0.89
S0122-FS20	3/4"	0.54"	2.00"	2.05"	2.42"	1.03
S0122-FS22	7/8"	0.61"	2.32"	2.41"	2.81"	1.57
S0122-FS25	1"	0.61"	2.41"	2.40"	2.97"	1.81
S0122-FS32	1-1/4"	0.85"	2.32"	3.16"	4.12"	4.45

WIRE ROPE CLIP - 316 SS

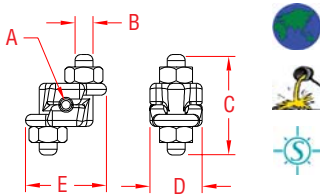
316 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0122-SS02	1/16"	0.09"	0.40"	0.52"	0.55"	0.02
S0122-SS03	1/8"	0.12"	0.43"	0.55"	0.62"	0.02
S0122-SS04	5/32"	0.15"	0.56"	0.70"	0.73"	0.04
S0122-SS05	3/16"	0.19"	0.67"	0.78"	0.87"	0.06
S0122-SS07	1/4"	0.23"	0.75"	0.84"	1.11"	0.09
S0122-SS08	5/16"	0.31"	0.90"	1.06"	1.34"	0.17
S0122-SS10	3/8"	0.38"	1.00"	1.32"	1.74"	0.36
S0122-SS13	1/2"	0.47"	1.40"	1.48"	1.97"	0.52
S0122-SS14	9/16"	0.47"	1.50"	1.70"	2.05"	0.61
S0122-SS16	5/8"	0.54"	1.87"	1.83"	2.33"	0.89
S0122-SS20	3/4"	0.54"	2.00"	2.05"	2.42"	1.03
S0122-SS22	7/8"	0.61"	2.32"	2.41"	2.81"	1.57
S0122-SS25	1"	0.61"	2.41"	2.40"	2.97"	1.81

"CHAIR" CLIP

316-NM STAINLESS STEEL

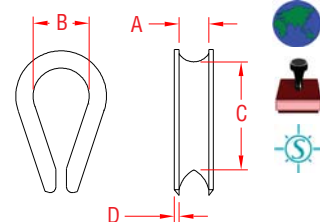


ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0122-C007	1/4"	0.36"	1.75"	0.93"	1.44"	0.22
S0122-C008	5/16"	0.38"	2.00"	1.07"	1.68"	0.31
S0122-C010	3/8"	0.43"	2.38"	1.10"	1.87"	0.46
S0122-C013	1/2"	0.50"	2.70"	1.26"	2.13"	0.61
S0122-C016	5/8"	0.62"	3.30"	1.50"	2.53"	1.16
S0122-C020	3/4"	0.75"	4.82"	1.75"	3.12"	1.88

NOTE:
1/A/W FEDERAL SPECIFICATION FF-C-450D, TYPE 3, CLASS 1.
(EXCEPT 316 STAINLESS AND CAST)

STANDARD THIMBLE

316 STAINLESS STEEL

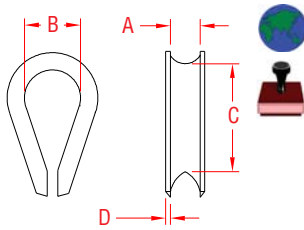


ITEM	SIZE	A	B	C	D	WT
						(lb)
S0124-0003	1/8"	0.12"	0.37"	0.71"	0.03"	0.01
S0124-0004	5/32"	0.16"	0.37"	0.77"	0.03"	0.01
S0124-0005	3/16"	0.19"	0.44"	0.80"	0.04"	0.02
S0124-0007	1/4"	0.25"	0.69"	0.95"	0.05"	0.02
S0124-0008	5/16"	0.34"	0.78"	1.40"	0.06"	0.04
S0124-0010	3/8"	0.42"	0.94"	1.70"	0.06"	0.06
S0124-0013	1/2"	0.50"	1.14"	2.28"	0.09"	0.14
S0124-0016	5/8"	0.68"	1.45"	2.37"	0.07"	0.17

COMMERCIAL THIMBLE



304 STAINLESS STEEL

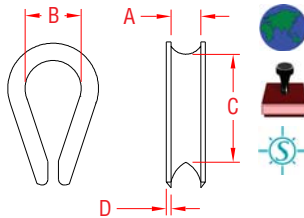


ITEM	SIZE	A	B	C	D	WT
						(lb)
S0123-0001	1/16"	0.10"	0.28"	0.48"	0.03"	0.30/100
S0123-0002	1/16"-5/64"	0.09"	0.31"	0.62"	0.03"	0.40/100
S0123-0003	3/32"-1/8"	0.12"	0.38"	0.72"	0.03"	0.50/100
S0123-0004	5/32"	0.14"	0.43"	0.73"	0.04"	0.74/100
S0123-0005	3/16"	0.20"	0.55"	0.78"	0.04"	0.01
S0123-0007	1/4"	0.25"	0.69"	0.95"	0.05"	0.02
S0123-0008	5/16"	0.34"	0.78"	1.40"	0.06"	0.04
S0123-0010	3/8"	0.42"	0.94"	1.70"	0.06"	0.06
S0123-0013	1/2"	0.54"	1.20"	1.85"	0.06"	0.08
S0123-0014	9/16"	0.60"	1.36"	2.05"	0.06"	0.10
S0123-0016	5/8"	0.68"	1.45"	2.37"	0.07"	0.17
S0123-0018	3/4"	0.76"	1.60"	2.63"	0.08"	0.21
S0123-0022	7/8"	0.95"	1.90"	3.10"	0.09"	0.39
S0123-0025	1"	1.05"	2.08"	3.36"	0.09"	0.49

FED. SPEC. THIMBLE



316 STAINLESS STEEL



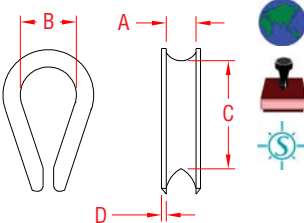
ITEM	SIZE	A	B	C	D	WT
						(lb)
S0123-FS05	3/16"	0.23"	0.72"	1.35"	0.05"	0.03
S0123-FS07	1/4"	0.28"	0.90"	1.63"	0.07"	0.08
S0123-FS08	5/16"	0.35"	1.08"	1.88"	0.08"	0.10
S0123-FS10	3/8"	0.40"	1.13"	2.13"	0.11"	0.23
S0123-FS12	7/16"	0.47"	1.25"	2.38"	0.13"	0.35
S0123-FS13	1/2"	0.55"	1.52"	2.63"	0.15"	0.51
S0123-FS14	9/16"	0.62"	1.50"	2.94"	0.15"	0.54
S0123-FS16	5/8"	0.65"	1.78"	3.25"	0.16"	0.71
S0123-FS20	3/4"	0.85"	2.02"	3.83"	0.22"	1.61
S0123-FS22	7/8"	0.95"	2.30"	4.25"	0.22"	1.87
S0123-FS25	1"	1.12"	2.56"	4.80"	0.25"	2.56
S0123-FS32	1-1/8" - 1-1/4"	1.31"	2.88"	5.38"	0.20"	3.51

NOTE: HEAVY DUTY VERSION. DIMENSIONS AND WORKING LOAD ARE TO FEDERAL SPECIFICATION: FF-T-276B, TYPE III.

FED. SPEC. THIMBLE



304 STAINLESS STEEL



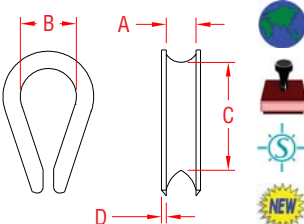
ITEM	SIZE	A	B	C	D	WT
						(lb)
S0125-FS05	3/16"	0.23"	0.72"	1.35"	0.05"	0.03
S0125-FS07	1/4"	0.28"	0.90"	1.63"	0.07"	0.08
S0125-FS08	5/16"	0.35"	1.08"	1.88"	0.08"	0.10
S0125-FS10	3/8"	0.40"	1.13"	2.13"	0.11"	0.23
S0125-FS13	1/2"	0.55"	1.52"	2.63"	0.15"	0.51
S0125-FS14	9/16"	0.62"	1.50"	2.94"	0.15"	0.54
S0125-FS16	5/8"	0.65"	1.78"	3.25"	0.16"	0.71
S0125-FS20	3/4"	0.85"	2.02"	3.83"	0.22"	1.61

NOTE: HEAVY DUTY VERSION. DIMENSIONS AND WORKING LOAD ARE TO FEDERAL SPECIFICATION: FF-T-276B, TYPE III. SIZES 7/8", 1", 1-1/8" AND 1-1/4" ARE AVAILABLE IN 316 STAINLESS. REFER TO S0123-FS SERIES ABOVE.

HEAVY DUTY THIMBLE



316 STAINLESS STEEL



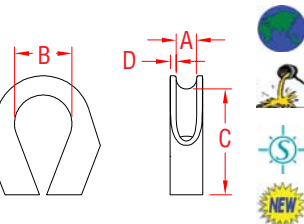
ITEM	SIZE	A	B	C	D	WT
						(lb)
S0127-0005	3/16"	0.24"	0.75"	1.46"	0.05"	0.03
S0127-0007	1/4"	0.28"	0.88"	1.71"	0.07"	0.07
S0127-0008	5/16"	0.34"	1.06"	1.97"	0.07"	0.12
S0127-0010	3/8"	0.41"	1.14"	2.25"	0.10"	0.22
S0127-0012	7/16"	0.47"	1.26"	2.50"	0.11"	0.35
S0127-0013	1/2"	0.53"	1.50"	2.92"	0.13"	0.51
S0127-0014	9/16"	0.60"	1.50"	2.92"	0.13"	0.52
S0127-0016	5/8"	0.67"	1.75"	3.41"	0.14"	0.76
S0127-0020	3/4"	0.79"	2.00"	3.98"	0.22"	1.58
S0127-0022	7/8"	0.94"	2.24"	4.48"	0.22"	1.78
S0127-0025	1"	1.06"	2.50"	4.72"	0.22"	3.14
S0127-0032	1-1/8" - 1-1/4"	1.31"	2.88"	5.34"	0.22"	4.00

NOTE: HEAVY DUTY VERSION. MEETS THE DIMENSIONS AND PERFORMANCE REQUIREMENTS OF G-414.

CAPTIVE THIMBLE



304 STAINLESS STEEL

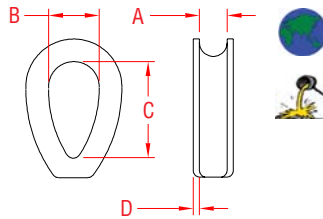


ITEM	A	B	C	D	WT
	(size)				(lb)
S0126-0013	1/2"	1.50"	2.76"	0.158"	0.53
S0126-0016	5/8"	1.77"	3.41"	0.177"	0.90
S0126-0020	3/4"	1.97"	3.98"	0.236"	1.78
S0126-0025	1"	2.48"	4.74"	0.256"	2.84
S0126-0032	1-1/4"	2.87"	5.37"	0.256"	3.75

NOTE: MADE FROM GRADE 316 STAINLESS STEEL FOR CORROSION RESISTANCE AND DURABILITY. ITS PRIMARY FUNCTION IS TO HOLD THE WIRE OR FIBROUS ROPE "CAPTIVE" WHILE PREVENTING CHAFFING, MAKING IT IDEAL FOR IN-WATER BOAT TOWING APPLICATIONS.

EXTRA HEAVY THIMBLE

304 STAINLESS STEEL

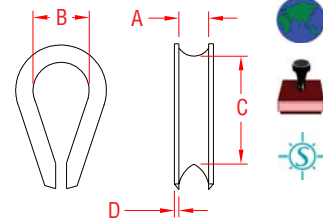


ITEM	SIZE	A	B	C	D	WT
						(lb)
S0123-XH06	1/4"	0.27"	0.62"	1.08"	0.06"	0.08
S0123-XH08	5/16"	0.32"	0.94"	1.68"	0.04"	0.11
S0123-XH10	3/8"	0.42"	1.10"	2.00"	0.06"	0.23
S0123-XH13	1/2"	0.45"	1.37"	2.44"	0.09"	0.39
S0123-XH16	5/8"	0.62"	1.76"	3.18"	0.09"	0.67
S0123-XH20	3/4"	0.77"	2.15"	3.70"	0.09"	1.02
S0123-XH22	7/8"	0.87"	2.38"	3.92"	0.12"	1.32
S0123-XH25	1"	0.96"	2.76"	4.50"	0.13"	2.00

NOTE:
PRECISION CAST EXTRA HEAVY DUTY THIMBLE, NOT FORMED FROM FLAT STEEL. EXCEPTIONAL RESISTANCE TO WEAR AND CRUSHING.

MIL. SPEC. THIMBLE

316 STAINLESS STEEL

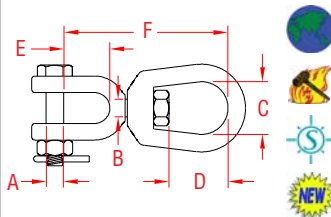
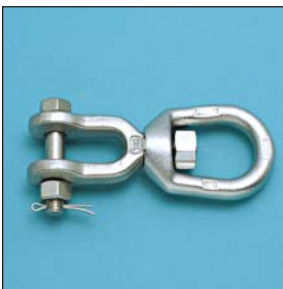


ITEM	SIZE	A	B	C	D	WT
						(lb)
S0124-AN01	100-C3 3/32"	0.09"	0.35"	0.70"	0.03"	0.15/100
S0124-AN03	100-C4 1/8"	0.14"	0.35"	0.70"	0.03"	0.43/100
S0124-AN04	100-C5 5/32"	0.17"	0.40"	0.80"	0.03"	0.60/100
S0124-AN05	100-C6 3/16"	0.20"	0.50"	1.00"	0.03"	0.98/100
S0124-AN07	100-C8 1/4"	0.27"	0.70"	1.40"	0.03"	1.50/100
S0124-AN08	100-C10 5/16"	0.33"	0.90"	1.80"	0.04"	3.50/100
S0124-AN10	100-C12 3/8"	0.39"	1.00"	2.00"	0.06"	8.50/100
S0124-AN12	100-C14 7/16"	0.45"	1.13"	2.25"	0.08"	9.30/100
S0124-AN13	100-C16 1/2"	0.52"	1.25"	2.50"	0.08"	10.50/100

NOTE:
MEETS MIL SPEC AN100 (AIR FORCE/NAVY)

FED. SPEC. JAW & EYE SWIVEL

316 STAINLESS STEEL



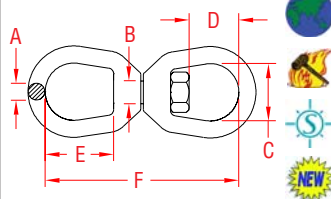
ITEM	A	B	C	D	E	F	WLL	WT
	(size)						(lb)	(lb)
S0155-FS07	1/4"	0.31"	0.75"	0.80"	0.85"	2.58"	800	0.23
S0155-FS08	5/16"	0.38"	1.25"	1.17"	0.88"	3.31"	1,200	0.53
S0155-FS10	3/8"	0.50"	1.25"	1.06"	1.07"	3.63"	2,200	0.76
S0155-FS13	1/2"	0.63"	1.50"	1.45"	1.42"	4.59"	3,500	1.45
S0155-FS16	5/8"	0.75"	1.75"	1.73"	1.50"	5.35"	5,200	2.47

NOTE:
I/A/W FED. SPECIFICATION RR-C-271F TYPE VII, CLASS 3 (EXCEPT 316 STAINLESS STEEL). SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. MARKED WITH SIZE AND WORKING LOAD LIMIT.

FORGED

FED. SPEC. EYE & EYE SWIVEL

316 STAINLESS STEEL



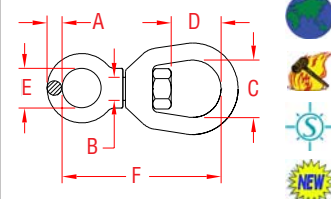
ITEM	A	B	C	D	E	F	WLL	WT
	(size)						(lb)	(lb)
S0128-FS07	1/4"	0.31"	0.75"	0.80"	1.06"	2.92"	800	0.19
S0128-FS08	5/16"	0.38"	1.25"	1.17"	1.50"	4.29"	1,200	0.68
S0128-FS10	3/8"	0.50"	1.25"	1.06"	1.50"	4.29"	2,200	0.68
S0128-FS13	1/2"	0.63"	1.50"	1.45"	2.00"	5.42"	3,500	1.33
S0128-FS16	5/8"	0.75"	1.75"	1.73"	2.38"	6.55"	5,200	2.29

NOTE:
I/A/W FED. SPECIFICATION RR-C-271F TYPE VII, CLASS 2 (EXCEPT 316 STAINLESS STEEL). SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. MARKED WITH SIZE AND WORKING LOAD LIMIT.

FORGED

FED. SPEC. CHAIN SWIVEL

316 STAINLESS STEEL



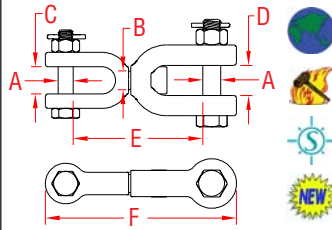
ITEM	A	B	C	D	E	F	WLL	WT
	(size)						(lb)	(lb)
S0128-FX05	3/16"	0.25"	0.75"	0.84"	0.50"	2.28"	500	0.13
S0128-FX07	1/4"	0.31"	0.75"	0.80"	0.63"	2.56"	800	0.17
S0128-FX08	5/16"	0.38"	1.25"	1.17"	0.75"	3.37"	1,200	0.43
S0128-FX10	3/8"	0.50"	1.25"	1.06"	1.00"	3.74"	2,200	0.56
S0128-FX13	1/2"	0.63"	1.50"	1.45"	1.25"	4.68"	3,500	1.15
S0128-FX16	5/8"	0.75"	1.75"	1.73"	1.50"	5.71"	5,200	2.02

NOTE:
I/A/W FED. SPECIFICATION RR-C-271F TYPE VII, CLASS 1 (EXCEPT 316 STAINLESS STEEL). SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. MARKED WITH SIZE AND WORKING LOAD LIMIT.

FORGED

JAW & JAW SWIVEL

316 STAINLESS STEEL



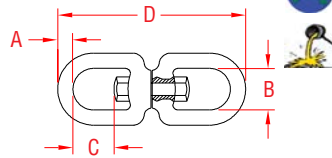
ITEM	A	B	C	D	E	F	WLL	WT
	(size)						(lb)	(lb)
S0156-FS05	3/16"	0.25"	0.44"	0.53"	2.20"	3.11"	500	0.24
S0156-FS07	1/4"	0.31"	0.50"	0.60"	2.69"	3.68"	800	0.30
S0156-FS08	5/16"	0.38"	0.56"	0.66"	2.89"	4.05"	1,200	0.49
S0156-FS10	3/8"	0.50"	0.63"	0.85"	3.64"	5.04"	2,200	1.03
S0156-FS13	1/2"	0.63"	0.75"	1.04"	4.55"	6.31"	3,600	1.79
S0156-FS16	5/8"	0.75"	1.00"	1.23"	5.11"	7.34"	5,200	3.29

NOTE:
SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. MARKED WITH SIZE AND WORKING LOAD LIMIT.

FORGED

EYE & EYE SWIVEL

316 STAINLESS STEEL

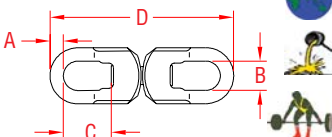


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0128-0004	5/32"	0.43"	0.50"	2.00"	150	0.12
S0128-0005	3/16"	0.50"	0.50"	2.31"	300	0.12
S0128-0006	1/4"	0.56"	0.56"	2.56"	600	0.12
S0128-0008	5/16"	0.75"	0.75"	3.62"	1,100	0.29
S0128-0010	3/8"	0.87"	1.00"	4.39"	1,540	0.55
S0128-0013	1/2"	1.25"	1.31"	6.00"	2,640	1.25
S0128-0016	5/8"	1.50"	1.62"	7.37"	4,750	2.10
S0128-0020	3/4"	1.62"	2.00"	8.50"	7,000	3.40
S0128-0022	7/8"	1.87"	2.00"	9.25"	8,000	5.02
S0128-0025	1"	2.50"	2.56"	11.00"	10,000	8.73

NOTE:
SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.

HEAVY DUTY EYE & EYE SWIVEL

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0128-HD07	1/4"	0.50"	0.68"	3.25"	750	0.27
S0128-HD08	5/16"	0.62"	0.87"	3.62"	1,400	0.52
S0128-HD10	3/8"	0.75"	1.00"	4.62"	2,000	0.88
S0128-HD13	1/2"	1.00"	1.37"	6.00"	3,300	2.00

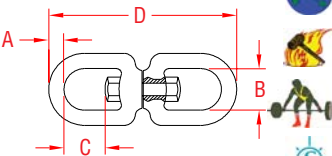
NOTE:
MARKED WITH SIZE AND WORKING LOAD.

SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.



NITRONIC EYE & EYE SWIVEL

NITRONIC 50



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0128-NM10	3/8"	1.25"	1.31"	4.13"	3,000	0.70

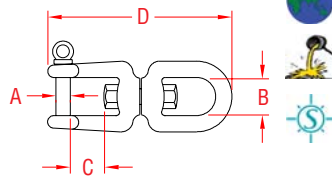
NOTE:
1/A/W MIL-F-17280D TYPE III, STYLE A.

SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD.

FORGED

EYE & JAW SWIVEL

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0155-0006	1/4"	0.50"	0.43"	2.62"	600	0.14
S0155-0008	5/16"	0.62"	0.62"	3.62"	1,100	0.33
S0155-0010	3/8"	0.75"	0.87"	4.35"	1,540	0.63
S0155-0013	1/2"	1.00"	1.12"	6.00"	2,640	1.40
S0155-0016	5/8"	1.25"	1.37"	7.37"	4,750	2.36
S0155-0020	3/4"	1.50"	1.62"	8.62"	7,000	3.93

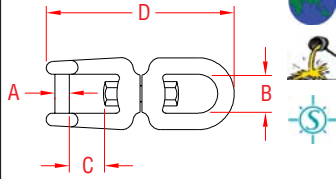
NOTE:
SUNCOR RECOMMENDS THE USE OF THREAD LOCKING FLUID WITH THIS TYPE OF SWIVEL.

SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.

EYE & JAW SWIVEL



**316 STAINLESS STEEL
W/ NO SNAG PIN**



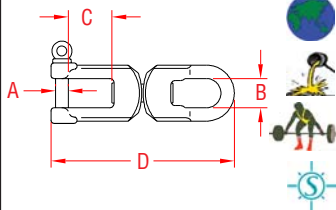
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0155-NS06	1/4"	0.50"	0.43"	2.62"	600	0.14

NOTE:
NO SNAG SHACKLE PIN SITS FLUSH WITH BODY OF SWIVEL. SUNCOR RECOMMENDS USING THREAD LOCKING FLUID WITH THIS TYPE OF SWIVEL.
SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.

HEAVY DUTY EYE & JAW SWIVEL



316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0155-HD07	1/4"	0.50"	0.68"	3.25"	750	0.24
S0155-HD08	5/16"	0.62"	0.87"	4.12"	1,400	0.48
S0155-HD10	3/8"	0.75"	1.00"	5.00"	2,000	0.82
S0155-HD13	1/2"	1.00"	1.37"	6.50"	3,300	1.88

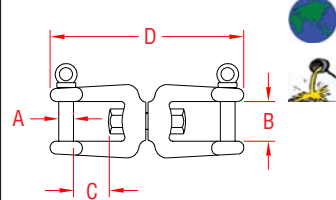
NOTE:
MARKED WITH SIZE AND WORKING LOAD.
SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.



JAW & JAW SWIVEL



316 STAINLESS STEEL



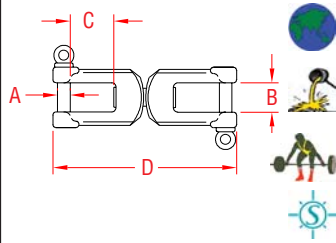
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0156-0006	1/4"	0.50"	0.43"	2.50"	600	0.15
S0156-0008	5/16"	0.62"	0.62"	3.50"	1,100	0.38
S0156-0010	3/8"	0.75"	0.87"	4.44"	1,540	0.74
S0156-0013	1/2"	1.00"	1.12"	5.88"	2,640	1.54
S0156-0016	5/8"	1.25"	1.37"	7.31"	4,750	2.63
S0156-0020	3/4"	1.50"	1.62"	8.63"	7,100	4.34

NOTE:
COMMERCIAL TYPE. NO SNAG SHACKLE PIN AVAILABLE FOR SOME SIZES AT ADDITIONAL COST.
SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.

HEAVY DUTY JAW & JAW SWIVEL



316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0156-HD07	1/4"	0.50"	0.68"	3.25"	750	0.27
S0156-HD08	5/16"	0.67"	0.87"	3.95"	1,400	0.52
S0156-HD10	3/8"	0.75"	1.00"	4.62"	2,000	0.88
S0156-HD13	1/2"	1.00"	1.37"	6.00"	3,300	2.00

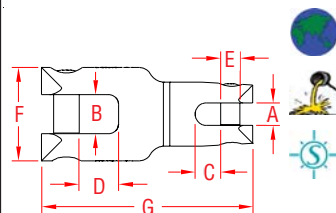
NOTE:
MARKED WITH SIZE AND WORKING LOAD. BULK ORDERS ON SWIVELS WITH "NO SNAG" SHACKLE PIN MAY BE PLACED ON SPECIAL ORDER.
SWIVELS ARE POSITIONING DEVICES AND ARE NOT INTENDED TO ROTATE UNDER LOAD. FORGED SWIVELS, SEE PAGE 72.



ANCHOR SWIVEL



17-4 PH STAINLESS STEEL



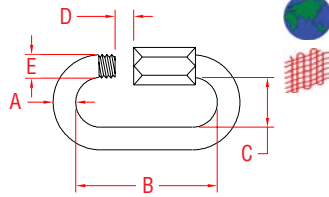
ITEM	SIZE	A	B	C	D	E	F	G	BL	WT
	(for chain)								(lb)	(lb)
S0190-0008	1/4 - 5/16"	0.38"	0.65"	0.50"	0.81"	0.31"	1.90"	3.81"	8,500	0.96
S0190-0013	3/8 - 1/2"	0.59"	0.85"	0.67"	1.25"	0.50"	2.35"	5.50"	15,000	2.18
S0190-0020	1/2 - 3/4"	0.88"	1.52"	1.01"	1.53"	0.75"	3.64"	8.24"	25,000	9.39

NOTE:
HEAVY DUTY ANCHOR RODE SWIVEL. SLEEK DESIGN WITH SOLID SCREW PINS. SWIVEL SPINS 360 DEGREES. EQUIPPED WITH SOLID BRONZE THRUST WASHER. THREAD LOCKING LIQUID INCLUDED FOR CROSS PINS.
REPLACEMENT PINS
S0190-RP08 5/16"
S0190-RP13 1/2"
S0190-RP20 3/4"



QUICK LINK

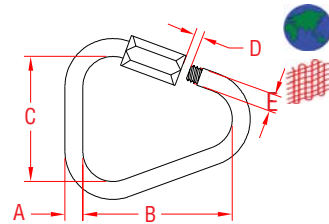
316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0160-0003	1/8"	1.15"	0.43"	0.18"	0.21"	200	0.02
S0160-0004	5/32"	1.30"	0.45"	0.25"	0.24"	300	0.03
S0160-0005	3/16"	1.56"	0.53"	0.28"	0.29"	800	0.05
S0160-0006	1/4"	1.86"	0.58"	0.32"	0.35"	1,200	0.08
S0160-0007	9/32"	2.17"	0.67"	0.36"	0.39"	1,400	0.11
S0160-0008	5/16"	2.29"	0.70"	0.44"	0.44"	2,000	0.16
S0160-0009	23/64"	2.49"	0.85"	0.45"	0.49"	3,000	0.24
S0160-0010	3/8"	2.78"	0.78"	0.52"	0.52"	3,500	0.29
S0160-0012	1/2"	3.22"	1.00"	0.53"	0.60"	5,000	0.52
S0160-0014	9/16"	3.69"	1.05"	0.67"	0.69"	7,700	0.80
S0160-0016	5/8"	4.33"	1.20"	0.75"	0.76"	9,900	1.20
S0160-0018	23/32"	4.80"	1.29"	0.91"	0.88"	11,880	1.59

DELTA QUICK LINK

316 STAINLESS STEEL

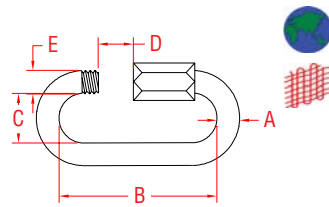


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0160-DX03	1/8"	1.17"	0.93"	0.23"	0.21"	175	0.02
S0160-DX05	3/16"	1.53"	1.18"	0.23"	0.29"	400	0.05
S0160-DX06	1/4"	1.70"	1.37"	0.31"	0.35"	750	0.09
S0160-DX08	5/16"	2.25"	1.53"	0.42"	0.44"	1,400	0.20
S0160-DX10	3/8"	2.66"	1.95"	0.50"	0.52"	2,100	0.35
S0160-DX12	1/2"	3.26"	2.08"	0.56"	0.60"	3,200	0.57
S0160-DX14	9/16"	3.77"	2.26"	0.67"	0.69"	5,400	0.86
S0160-DX16	5/8"	4.21"	2.42"	0.75"	0.76"	7,000	1.19
S0160-DX18	23/32"	4.72"	2.62"	0.91"	0.88"	9,200	1.65

NOTE:
BULK ORDERS ON ALL OTHER TYPES AND SIZES
OF QUICK LINKS ARE AVAILABLE ON SPECIAL ORDER.

LONG QUICK LINK

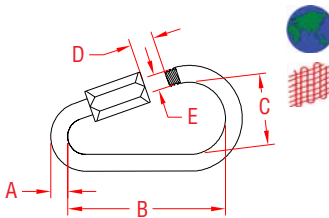
316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0160-LA03	1/8"	1.31"	0.34"	0.34"	0.21"	200	0.02
S0160-LA04	5/32"	1.76"	0.46"	0.47"	0.24"	300	0.02
S0160-LA05	3/16"	2.05"	0.52"	0.52"	0.29"	880	0.06
S0160-LA06	1/4"	2.31"	0.58"	0.58"	0.35"	1,200	0.09
S0160-LA08	5/16"	2.83"	0.67"	0.67"	0.44"	2,100	0.20
S0160-LA09	3/8"	3.03"	0.75"	0.75"	0.49"	2,700	0.26
S0160-LA10	7/16"	3.38"	0.81"	0.81"	0.52"	3,500	0.35
S0160-LA12	1/2"	3.94"	0.92"	0.92"	0.60"	4,800	0.61
S0160-LA14	9/16"	4.50"	1.05"	1.05"	0.69"	6,800	0.95
S0160-LA16	5/8"	5.08"	1.16"	1.16"	0.76"	8,800	1.42
S0160-LA18	3/4"	5.53"	1.28"	1.28"	0.88"	10,800	1.99

PEAR QUICK LINK

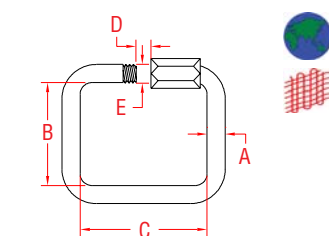
316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0160-PR03	1/8"	1.79"	0.80"	0.34"	0.21"	200	0.03
S0160-PR04	5/32"	2.05"	0.95"	0.46"	0.24"	250	0.04
S0160-PR05	3/16"	2.35"	1.10"	0.46"	0.29"	575	0.07
S0160-PR06	1/4"	2.56"	1.20"	0.55"	0.35"	850	0.10
S0160-PR08	5/16"	3.37"	1.45"	0.66"	0.44"	1,450	0.22
S0160-PR09	23/64"	3.45"	1.59"	0.70"	0.49"	1,600	0.28
S0160-PR10	3/8"	3.78"	1.72"	0.77"	0.52"	1,850	0.42
S0160-PR12	1/2"	4.47"	2.12"	0.88"	0.60"	3,300	0.68
S0160-PR14	9/16"	5.14"	2.26"	1.05"	0.69"	4,600	0.99
S0160-PR16	5/8"	5.74"	2.52"	1.17"	0.76"	5,900	1.30

SQUARE QUICK LINK

316 STAINLESS STEEL

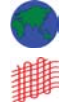
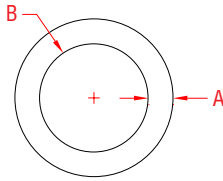


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0160-SQ03	1/8"	0.88"	1.08"	0.19"	0.21"	330	0.03
S0160-SQ04	5/32"	0.98"	1.23"	0.22"	0.24"	440	0.03
S0160-SQ05	3/16"	1.09"	1.47"	0.25"	0.29"	710	0.06
S0160-SQ06	1/4"	1.22"	1.69"	0.30"	0.35"	990	0.10
S0160-SQ07	9/32"	1.34"	1.95"	0.34"	0.39"	1,300	0.15
S0160-SQ08	5/16"	1.45"	2.17"	0.41"	0.44"	1,600	0.20
S0160-SQ09	3/8"	1.58"	2.36"	0.44"	0.49"	2,100	0.29
S0160-SQ10	7/16"	1.69"	2.70"	0.47"	0.52"	2,700	0.38
S0160-SQ12	1/2"	1.97"	3.08"	0.59"	0.60"	3,800	0.63
S0160-SQ14	9/16"	2.25"	3.50"	0.67"	0.69"	5,400	0.99
S0160-SQ16	5/8"	2.52"	4.06"	0.75"	0.76"	6,900	1.54

ROUND RING



316 STAINLESS STEEL



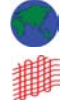
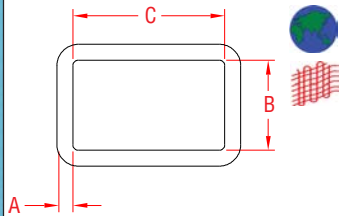
ITEM	A	B	WLL	WT	ITEM	A	B	WLL	WT
			(lb)	(lb)				(lb)	(lb)
S0139-0320	1/8"	3/4"	125	0.01	S0139-0840	5/16"	1-1/2"	750	0.14
S0139-0325	1/8"	1"	125	0.01	S0139-0845	5/16"	1-3/4"	700	0.15
S0139-0425	5/32"	1"	300	0.03	S0139-0850	5/16"	2"	600	0.16
S0139-0430	5/32"	1-1/4"	280	0.03	S0139-0865	5/16"	2-1/2"	500	0.20
S0139-0440	5/32"	1-1/2"	250	0.03	S0139-1050	3/8"	2"	1,100	0.26
S0139-0525	3/16"	1"	500	0.04	S0139-1065	3/8"	2-1/2"	1,000	0.33
S0139-0530	3/16"	1-1/4"	300	0.05	S0139-1080	3/8"	3-1/4"	800	0.39
S0139-0540	3/16"	1-1/2"	300	0.06	S0139-1210	1/2"	4"	1,600	0.63
S0139-0550	3/16"	2"	250	0.05	S0139-1260	1/2"	2-3/8"	1,400	0.45
S0139-0625	1/4"	1"	600	0.05	S0139-1265	1/2"	2-1/2"	1,350	0.48
S0139-0630	1/4"	1-1/4"	500	0.06	S0139-1280	1/2"	3-1/4"	1,200	0.56
S0139-0640	1/4"	1-1/2"	400	0.08					
S0139-0650	1/4"	2"	350	0.10					

NOTE: SPECIAL BULK ORDERS ON OTHER SIZES ARE AVAILABLE.

RECTANGULAR LINK



316 STAINLESS STEEL



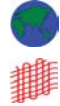
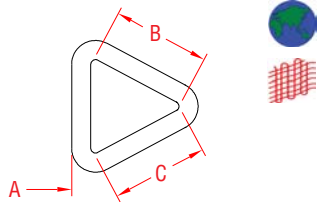
ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0139-R525	3/16"	0.50"	1.00"	600	0.03
S0139-R550	3/16"	0.50"	2.00"	550	0.05
S0139-R650	1/4"	1.00"	2.00"	800	0.08
S0139-R865	5/16"	1.50"	2.50"	1,200	0.19
S0139-R875	5/16"	1.50"	3.00"	1,100	0.22

NOTE: WORKING LOADS ARE BASED ON "C" LENGTH BEING USED IN FULL BY WEBBING, AND NOT UNDER POINT OR SHOCK LOAD.

TRIANGLE LOOP



316 STAINLESS STEEL



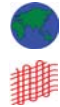
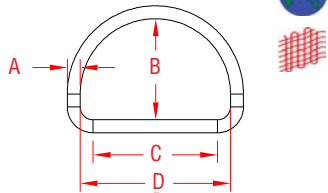
ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0139-T525	3/16"	1.00"	1.00"	500	0.03
S0139-T650	1/4"	2.00"	2.00"	750	0.10

NOTE: SEE WEBBING HARDWARE ON PAGE 97.

"D" RING



316 STAINLESS STEEL



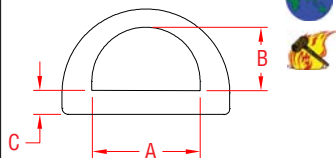
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0139-X325	1/8"	0.88"	1.00"	1.25"	100	0.01
S0139-X525	3/16"	1.06"	1.00"	1.38"	300	0.04
S0139-X540	3/16"	1.31"	1.50"	1.88"	300	0.05
S0139-X625	1/4"	1.25"	1.00"	1.50"	500	0.06
S0139-X640	1/4"	1.50"	1.50"	2.00"	500	0.08
S0139-X650	1/4"	1.75"	2.00"	2.50"	500	0.10
S0139-X850	5/16"	1.94"	2.00"	2.62"	800	0.18
S0139-X865	5/16"	2.19"	2.50"	3.12"	800	0.22
S0139-X875	5/16"	2.44"	3.00"	3.62"	800	0.24

NOTE: WORKING LOADS ARE BASED ON "C" LENGTH BEING USED IN FULL BY WEBBING, AND NOT UNDER POINT OR SHOCK LOAD.

HEAVY DUTY FORGED "D" RING



316 STAINLESS STEEL

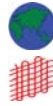
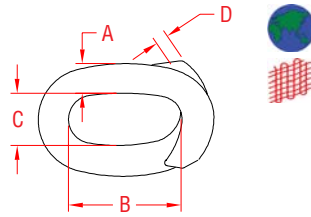


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0222-F025	1"	0.65"	0.23"	1,200	0.06
S0222-F038	1-1/2"	0.87"	0.31"	2,000	0.13
S0222-F050	2"	1.10"	0.37"	4,000	0.24

NOTE: WORKING LOAD IS BASED ON "A" LENGTH BEING USED IN FULL BY WEBBING, AND NOT UNDER POINT OR SHOCK LOAD.

LAP LINK

304 STAINLESS STEEL

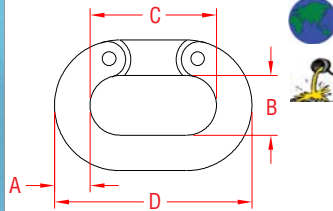


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0465-0005	3/16"	0.95"	0.58"	0.39"	300	0.04
S0465-0007	1/4"	1.25"	0.63"	0.50"	400	0.10
S0465-0008	5/16"	1.50"	0.70"	0.60"	700	0.15

NOTE:
SPECIAL BULK ORDERS ON OTHER SIZES ARE AVAILABLE.

CAST CONNECTING LINK

316 STAINLESS STEEL

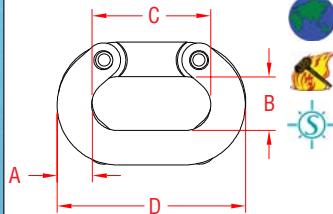


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0460-0005	3/16"	0.35"	0.70"	1.09"	400	0.03
S0460-0006	1/4"	0.43"	0.84"	1.30"	600	0.04
S0460-0008	5/16"	0.48"	0.95"	1.60"	1,000	0.09
S0460-0010	3/8"	0.60"	1.15"	1.87"	1,500	0.14
S0460-0013	1/2"	0.75"	1.45"	2.43"	2,000	0.28
S0460-0016	5/8"	0.95"	1.90"	3.15"	4,000	0.57

NOTE:
DO NOT USE WITHOUT RIVETING PINS SECURELY.

FORGED CONNECTING LINK

316-NM STAINLESS STEEL

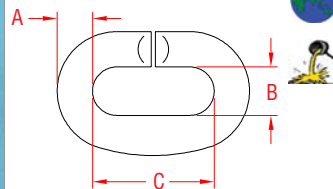


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0660-0007	1/4"	0.42"	0.87"	1.50"	1,400	0.07
S0660-0008	5/16"	0.50"	1.00"	1.75"	2,000	0.12
S0660-0010	3/8"	0.57"	1.12"	2.12"	2,800	0.18

NOTE:
SIZE AND WLL ARE PERMANENTLY FORGED INTO EACH PART DURING PRODUCTION. WLL ARE 25% OF BREAKING LOAD.
DO NOT USE WITHOUT RIVETING PINS SECURELY.

"C" CONNECT LINK

316 STAINLESS STEEL

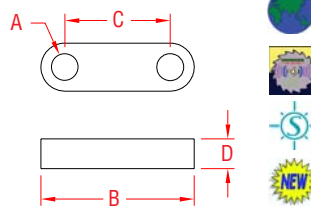


ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0165-0005	3/16"	0.31"	0.75"	160	0.03
S0165-0006	1/4"	0.37"	0.87"	300	0.04
S0165-0008	5/16"	0.43"	1.25"	400	0.09
S0165-0010	3/8"	0.56"	1.50"	500	0.18
S0165-0013	1/2"	0.75"	2.00"	700	0.38
S0165-0016	5/8"	0.87"	2.50"	1,200	0.70
S0165-0020	3/4"	1.12"	3.00"	2,000	1.10

NOTE:
QUICK CONNECT AND DISCONNECT ARE ACHIEVED BY TURNING LINKS 90 DEGREES TO EACH OTHER.
SOLD INDIVIDUALLY.

UNIVERSAL LINK

316 STAINLESS STEEL



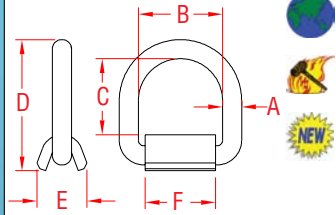
ITEM	SIZE	A	B	C	D	WT
						(lb)
S0100-0007	1/4"	0.28"	1.61"	1.11"	0.31"	0.05
S0100-0008	5/16"	0.31"	1.87"	1.22"	0.34"	0.08
S0100-0010	3/8"	0.40"	2.12"	1.38"	0.46"	0.14
S0100-0013	1/2"	0.50"	2.71"	1.71"	0.50"	0.27

NOTE:
DESIGNED FOR LINKING COMPONENTS WITH MATCHING PIN DIAMETERS. EASILY CONNECT JAWS, SHACKLES, TOGGLES, YOKE ENDS, ETC. THIS UNIVERSAL LINK IS A SIMPLE, YET VERSATILE RIGGING SOLUTION.



LASHING RING - "WELD-ON"

316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WLL	WT
	(size)						(lb)	(lb)
S3722-0013	1/2"	2.35"	2.12"	3.65"	1.38"	1.96"	*3,000	1.00
S3722-0016	5/8"	2.94"	2.55"	4.48"	1.75"	2.56"	*4,500	2.18
S3722-0020	3/4"	2.98"	2.58"	4.63"	1.89"	2.56"	*6,500	2.53
S3722-0025	1"	3.00"	2.52"	5.14"	2.14"	2.56"	*8,500	4.47

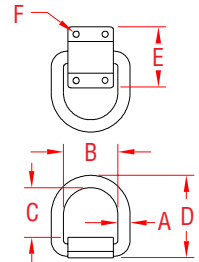
NOTE:
HEAVY DUTY LASHING RING IS DESIGNED FOR DEMANDING TIE-DOWN APPLICATIONS. "D" RING IS FORGED 316 STAINLESS STEEL AND FOLDS FLUSH WHEN NOT IN USE. FEATURES WELD-ON MOUNTING PLATE. IDEAL FOR CARGO APPLICATIONS SUCH AS OVERSEAS CONTAINER SHIPMENTS OR LONG DISTANCE HAULING IN EXPOSED ELEMENTS.

***WORKING LOAD LIMIT DEPENDS ON THE QUALITY OF THE WELD ATTACHING THE BASE.**

FORGED

LASHING RING - "BOLT-ON"

316 STAINLESS STEEL



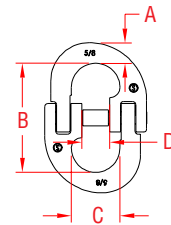
ITEM	A	B	C	D	E	F	BOLT	WLL	WT
	(size)						(diameter)	(lb)	(lb)
S3723-0013	1/2"	2.35"	2.14"	3.56"	2.63"	0.34"	5/16"	3,000	1.18
S3723-0016	5/8"	2.94"	2.61"	4.42"	2.75"	0.41"	3/8"	4,500	2.25
S3723-0020	3/4"	2.98"	2.58"	4.56"	3.19"	0.41"	3/8"	6,500	3.00
S3723-0025	1"	3.00"	2.52"	5.17"	4.25"	0.53"	1/2"	8,500	5.18

NOTE:
HEAVY DUTY LASHING RING IS DESIGNED FOR DEMANDING TIE-DOWN APPLICATIONS. "D" RING IS FORGED 316 STAINLESS STEEL AND FOLDS FLUSH WHEN NOT IN USE. FEATURES BOLT-ON MOUNTING PLATE. IDEAL FOR CARGO APPLICATIONS SUCH AS OVERSEAS CONTAINER SHIPMENTS OR LONG DISTANCE HAULING IN EXPOSED ELEMENTS.

FORGED

HAMMERLOCK LINK

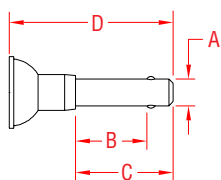
316-NM STAINLESS STEEL



ITEM	SIZE	A	B	C	D	WLL	WT	
						(lb)	(lb)	
S0655-0005	3/16"	0.29"	1.56"	0.59"	0.35"	1,100	0.12	
S0655-0007	1/4"	0.32"	1.95"	0.75"	0.48"	2,200	0.21	
S0655-0008	5/16"	0.38"	2.25"	0.80"	0.45"	2,700	0.31	
S0655-0010	3/8"	0.50"	2.95"	1.24"	0.79"	4,400	0.65	
S0655-0013	1/2"	0.62"	3.62"	1.37"	0.80"	7,300	1.40	
S0655-0016	5/8"	0.80"	4.25"	1.86"	1.20"	11,000	3.00	
REPLACEMENT PIN SET - INCLUDES PIN, BUSHING AND ROLL PIN								
S0655-KT05	3/16"						0.02	
S0655-KT07	1/4"						0.03	
S0655-KT08	5/16"						0.04	
S0655-KT10	3/8"						0.09	
S0655-KT13	1/2"						0.18	
S0655-KT16	5/8"						0.30	

"QUICK LOCK" PIN

316 STAINLESS STEEL

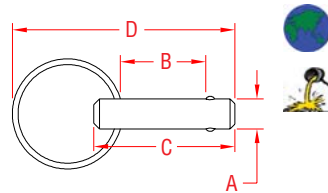


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0375-0515	3/16"	1/2"	0.75"	1.50"	2,575	0.02
S0375-0520	3/16"	3/4"	1.00"	1.75"	2,575	0.03
S0375-0525	3/16"	1"	1.25"	2.00"	2,575	0.03
S0375-0540	3/16"	1-1/2"	1.75"	2.50"	2,575	0.04
S0375-0550	3/16"	2"	2.25"	3.00"	2,575	0.04
S0375-0715	1/4"	1/2"	0.75"	1.50"	4,600	0.04
S0375-0725	1/4"	1"	1.25"	2.00"	4,600	0.04
S0375-0740	1/4"	1-1/2"	1.75"	2.50"	4,600	0.05
S0375-0750	1/4"	2"	2.25"	3.00"	4,600	0.05
S0375-0820	5/16"	3/4"	1.00"	1.75"	7,200	0.05
S0375-0825	5/16"	1"	1.25"	2.00"	7,200	0.06
S0375-0840	5/16"	1-1/2"	1.75"	2.50"	7,200	0.08
S0375-0850	5/16"	2"	2.25"	3.00"	7,200	0.10
S0375-0865	5/16"	2-1/2"	2.75"	3.50"	7,200	0.12
S0375-1025	3/8"	1"	1.38"	2.20"	10,300	0.08
S0375-1040	3/8"	1-1/2"	1.88"	2.70"	10,300	0.10
S0375-1050	3/8"	2"	2.38"	3.20"	10,300	0.12
S0375-1065	3/8"	2-1/2"	2.88"	3.70"	10,300	0.14

CAUTION:
ALL "QUICK" & "QUICKLOCK" PIN WORKING LOADS ARE CALCULATED IN DOUBLE SHEAR AND NOT AS PULL OUT FORCE, WHICH IS UNRATED.

"QUICK" PIN

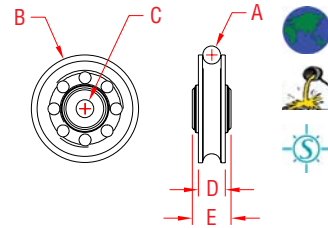
316 STAINLESS STEEL



ITEM	A	B	C	D	WLL (lb)	WT (lb)
S0370-0515	3/16"	1/2"	1.00"	2.00"	2,575	0.01
S0370-0525	3/16"	1"	1.50"	2.50"	2,575	0.01
S0370-0540	3/16"	1-1/2"	2.00"	3.00"	2,575	0.02
S0370-0550	3/16"	2"	2.50"	3.50"	2,575	0.02
S0370-0715	1/4"	1/2"	1.00"	2.00"	4,600	0.02
S0370-0725	1/4"	1"	1.50"	2.50"	4,600	0.03
S0370-0740	1/4"	1-1/2"	2.00"	3.00"	4,600	0.03
S0370-0750	1/4"	2"	2.50"	3.50"	4,600	0.04
S0370-0825	5/16"	1"	1.50"	2.50"	7,200	0.04
S0370-0840	5/16"	1-1/2"	2.00"	3.00"	7,200	0.05
S0370-0850	5/16"	2"	2.50"	3.50"	7,200	0.05
S0370-1025	3/8"	1"	1.50"	2.50"	10,300	0.08
S0370-1040	3/8"	1-1/2"	2.00"	3.00"	10,300	0.10
S0370-1050	3/8"	2"	2.50"	3.50"	10,300	0.12
S0370-1065	3/8"	2-1/2"	3.00"	4.00"	10,300	0.14

ROPE SHEAVE (BUSH)

316 STAINLESS STEEL



ITEM	A (rope size)	B (overall)	C (bore)	D (rim width)	E (width)*	WLL (lb)	WT (lb)
S0410-0707	1/4"	1.25"	1/4"	0.38"	0.53"	400	0.09
S0410-0807	5/16"	1.75"	1/4"	0.44"	0.65"	600	0.18
S0410-0808	5/16"	1.75"	5/16"	0.44"	0.65"	600	0.18
S0410-0810	5/16"	1.75"	3/8"	0.44"	0.65"	600	0.18
S0410-1010	3/8"	2.25"	3/8"	0.56"	0.82"	1,000	0.34
S0410-1013	3/8"	2.25"	1/2"	0.56"	0.82"	1,000	0.34
S0410-1207	7/16"	3.25"	1/4"	0.72"	0.94"	1,500	0.84
S0410-1210	7/16"	3.25"	3/8"	0.72"	0.94"	1,500	0.84
S0410-1313	1/2"	3.25"	1/2"	0.72"	0.94"	1,500	0.84
S0410-1320	1/2"	3.25"	3/4"	0.72"	0.94"	1,500	0.84
S0410-1410	9/16"	4.25"	3/8"	0.94"	1.13"	3,000	1.70
S0410-1413	9/16"	4.25"	1/2"	0.94"	1.13"	3,000	1.68
S0410-1613	5/8"	4.25"	1/2"	0.94"	1.13"	3,000	1.58
S0410-1616	5/8"	4.25"	5/8"	0.94"	1.13"	3,000	1.55
S0410-2013	3/4"	5.25"	1/2"	1.13"	1.38"	5,000	2.67
S0410-2016	3/4"	5.25"	5/8"	1.13"	1.38"	5,000	2.65
S0410-2513	1"	6.25"	1/2"	1.38"	1.63"	8,000	4.84
S0410-2520	1"	6.25"	3/4"	1.38"	1.63"	8,000	4.82

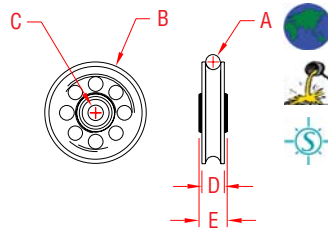
NOTE:
FOR FIBROUS ROPE; FITTED WITH BRONZE BUSH,
BORE CAN BE CUSTOMIZED.

* HUB OF STAINLESS SHEAVE IS APPROXIMATELY 1/16"-1/8"
NARROWER THAN HUB WIDTH OF BUSH GIVEN.



ROPE SHEAVE (BEARINGS)

316 STAINLESS STEEL



ITEM	A (rope size)	B (overall)	C (bore)	D (rim width)	E (width)*	WLL (lb)	WT (lb)
S0411-0707	1/4"	1.25"	1/4"	0.38"	0.53"	300	0.08
S0411-1010	3/8"	2.25"	3/8"	0.56"	0.81"	1,000	0.27
S0411-1313	1/2"	3.25"	1/2"	0.72"	0.94"	1,200	0.60
S0411-1616	5/8"	4.25"	5/8"	0.94"	1.07"	2,500	1.38

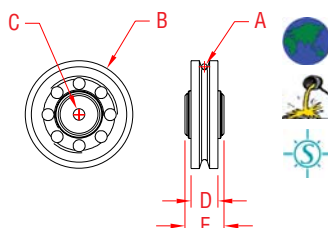
NOTE:
FOR FIBROUS ROPE; FITTED WITH TWO HIGH QUALITY,
SHIELDED, STAINLESS STEEL BEARINGS.

* HUB OF STAINLESS SHEAVE IS APPROXIMATELY 1/8"
NARROWER THAN HUB WIDTH OF BEARING GIVEN.



WIRE ROPE SHEAVE (BUSH)

316 STAINLESS STEEL



ITEM	A (wire size)	B (overall)	C (bore)	D (rim width)	E (width)*	WLL (lb)	WT (lb)
S0412-0307	3/32"+1/8"	2.25"	1/4"	0.56"	0.82"	1,000	0.41
S0412-0310	3/32"+1/8"	2.25"	3/8"	0.56"	0.82"	1,000	0.39
S0412-0510	3/16"	3.25"	3/8"	0.72"	0.94"	1,500	0.91
S0412-0513	3/16"	3.25"	1/2"	0.72"	0.94"	1,500	0.89
S0412-0713	1/4"	4.25"	1/2"	0.94"	1.13"	3,000	1.67
S0412-0716	1/4"	4.25"	5/8"	0.94"	1.13"	3,000	1.70
S0412-0813	5/16"	5.25"	1/2"	1.13"	1.38"	5,000	3.00
S0412-0816	5/16"	5.25"	5/8"	1.13"	1.38"	5,000	2.97
S0412-1013	3/8"	6.25"	1/2"	1.38"	1.63"	8,000	5.79
S0412-1020	3/8"	6.25"	3/4"	1.38"	1.63"	8,000	5.59

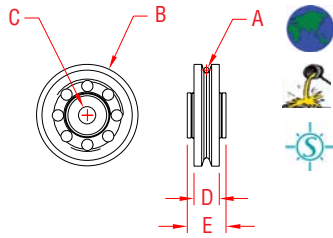
**NOTE: FOR WIRE ROPE; FITTED WITH BRONZE BUSH, BORE CAN
BE CUSTOMIZED. * HUB OF STAINLESS SHEAVE IS APPROXIMATELY
1/8" NARROWER THAN HUB WIDTH OF BEARING GIVEN.**



WIRE ROPE SHEAVE (BEARINGS)



316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(wire size)	(overall)	(bore)	(rim width)	(width)*	(lb)	(lb)
S0413-0307	3/32"+1/8"	2.25"	3/8"	0.56"	0.81"	1,000	0.36
S0413-0513	3/16"	3.25"	1/2"	0.72"	0.94"	1,200	0.82
S0413-0713	1/4"	4.25"	1/2"	0.94"	1.07"	1,200	1.50
S0413-0816	5/16"	5.25"	3/4"	1.13"	1.41"	3,800	2.63
S0413-1020	3/8"	6.25"	3/4"	1.38"	1.70"	3,800	5.20

NOTE:
FOR WIRE ROPE; FITTED WITH TWO HIGH QUALITY, SHIELDED, STAINLESS STEEL BEARINGS.

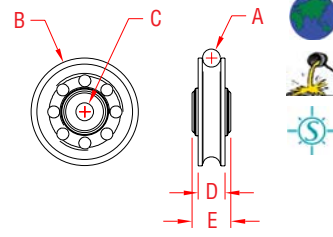
* HUB OF STAINLESS SHEAVE IS APPROXIMATELY 1/8" NARROWER THAN HUB WIDTH OF BEARING GIVEN.



ROPE SHEAVE (BUSH)



304 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(rope size)	(overall)	(bore)	(rim width)	(width)*	(lb)	(lb)
S0400-0025	1/4"	1.00"	1/4"	0.59"	0.59"	0.59"	0.08
S0400-0032	5/16"	1.25"	3/8"	0.57"	0.61"	0.61"	0.12
S0400-0050	3/8"	2.00"	3/8"	0.78"	0.81"	0.81"	0.26
S0400-0075	1/2"	3.25"	1/2"	0.73"	0.94"	0.94"	0.76
S0400-0100	5/8"	4.25"	5/8"	0.94"	1.05"	1.05"	1.22
S0400-0125	3/4"	5.25"	5/8"	1.13"	1.18"	1.18"	2.28

NOTE:
FOR FIBROUS ROPE; FITTED WITH BRONZE BUSH, BORE CAN BE CUSTOMIZED.

* HUB OF STAINLESS SHEAVE IS APPROXIMATELY 1/8" NARROWER THAN HUB WIDTH OF BEARING GIVEN.

SURFACE MOUNT BLOCKS

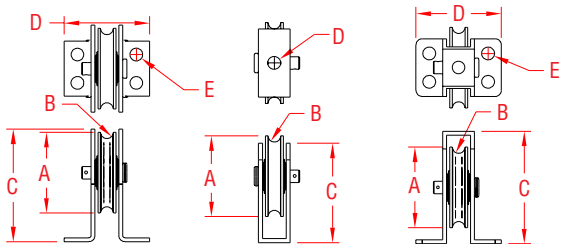
304/316 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
	(size)	(fits)				(lb)	(lb)
ROPE - S0410 SERIES SHEAVE							
S0420-0050-R	2"	3/8"	2.75"	2.25"	3/16"	1,000	1.02
S0420-0075-R	3"	1/2"	4.00"	2.75"	1/4"	2,000	1.33
S0420-0100-R	4"	5/8"	5.25"	3.25"	3/8"	3,000	2.54
WIRE - S0412 SERIES SHEAVE							
S0420-0050-W	2"	3/32" + 1/8"	2.75"	2.25"	3/16"	1,000	1.02
S0420-0075-W	3"	3/16"	4.00"	2.75"	1/4"	2,000	1.33
S0420-0100-W	4"	1/4"	5.25"	3.25"	3/8"	3,000	2.54
ROPE - S0410 SERIES SHEAVE							
S0421-0050-R	2"	3/8"	3.00"	3/16"	N/A	1,000	1.05
S0421-0075-R	3"	1/2"	4.25"	1/4"	N/A	2,000	1.40
S0421-0100-R	4"	5/8"	5.50"	3/8"	N/A	3,000	2.65
WIRE - S0412 SERIES SHEAVE							
S0421-0050-W	2"	3/32" + 1/8"	3.00"	3/16"	N/A	1,000	1.05
S0421-0075-W	3"	3/16"	4.25"	1/4"	N/A	2,000	1.40
S0421-0100-W	4"	1/4"	5.50"	3/8"	N/A	3,000	2.65
ROPE - S0410 SERIES SHEAVE							
S0422-0050-R	2"	3/8"	3.50"	2.25"	3/16"	1,000	1.11
S0422-0075-R	3"	1/2"	5.00"	2.75"	1/4"	2,000	1.58
S0422-0100-R	4"	5/8"	6.50"	3.25"	3/8"	3,000	2.87
WIRE - S0412 SERIES SHEAVE							
S0422-0050-W	2"	3/32" + 1/8"	3.50"	2.25"	3/16"	1,000	1.11
S0422-0075-W	3"	3/16"	5.00"	2.75"	1/4"	2,000	1.58
S0422-0100-W	4"	1/4"	6.50"	3.25"	3/8"	3,000	2.87

NOTE:
SHEAVE IS PRECISION CAST AND FITTED WITH BRONZE BUSH, REMOVABLE SHEAVE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.



PULLEY BLOCK

304 STAINLESS STEEL

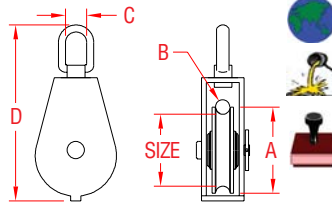


ITEM	SIZE	PIN	LENGTH	WLL	WT
	(sheave)			(lb)	(lb)
WITH BRACKET					
S0405-BR25	1"	0.19"	2.24"	400	0.07
WITH FIXED PIN					
S0405-FP25	1"	0.31"	1.78"	400	0.07
WITH REMOVABLE PIN					
S0405-RP25	1"	0.19"	1.78"	400	0.07

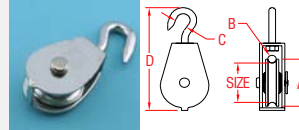
NOTE:
PLASTIC SHEAVE WITH STAINLESS BODY, UP TO 1/4" ROPE.

SWIVEL BLOCK

304 STAINLESS STEEL

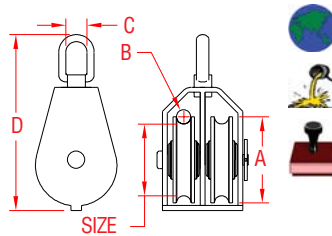


ITEM	SHEAVE	A	B	C	D	WLL	WT
	(size)					(lb)	(lb)
S0401-0025	5/8"	S0400-0025	1"	1/4"	0.61"	3.28"	400 0.31
S0401-0032	7/8"	S0400-0032	1.5"	5/16"	0.63"	3.85"	600 0.42
S0401-0050	1-3/8"	S0400-0050	2"	3/8"	0.82"	5.00"	1,000 0.80
ALSO AVAILABLE: SWIVEL BLOCK W/ HOOK							
S0401-H050	1-3/8"	S0400-0050	2"	3/8"	0.56"	5.40"	750 0.80



TWIN SWIVEL BLOCK

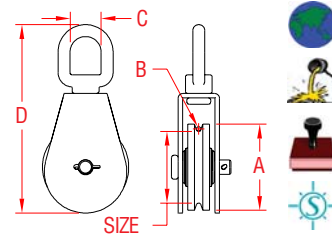
304 STAINLESS STEEL



ITEM	SHEAVE	A	B	C	D	WLL	WT
	(size)					(lb)	(lb)
FIXED SHEAVES							
S0402-0025	5/8"	S0400-0025	1"	1/4"	0.58"	3.28"	400 0.46
S0402-0032	7/8"	S0400-0032	1.5"	5/16"	0.63"	3.85"	600 0.62
REMOVABLE SHEAVES							
S0402-0050	1-3/8"	S0400-0050	2"	3/8"	0.82"	5.00"	1,000 1.29
NOTE: SUPPLIED WITH 304 STAINLESS SHEAVES.							

SWIVEL BLOCK

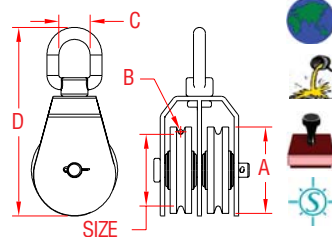
304/316 STAINLESS STEEL



ITEM	SHEAVE	A	B	C	D	WLL	WT
	(size)					(lb)	(lb)
S0403-0025	1"	S0410-0706	1.25"	1/4"	0.58"	3.28"	400 0.33
S0403-0038	1-1/2"	S0410-0808	1.75"	5/16"	0.63"	3.85"	600 0.50
S0403-0050	2"	S0410-1010	2.25"	3/8"	0.82"	5.00"	1,000 0.92
ALSO AVAILABLE: SWIVEL BLOCK W/ WIRE ROPE SHEAVE.							
S0403-0050-W	2"	S0412-0310	2.25"	3/32"+1/8"	0.82"	5.00"	1,000 0.97
NOTE: SUPPLIED WITH REMOVABLE 316 STAINLESS SHEAVE.							

TWIN SWIVEL BLOCK

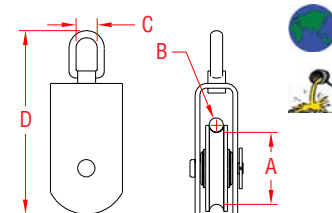
304/316 STAINLESS STEEL



ITEM	SHEAVE	A	B	C	D	WLL	WT
	(size)					(lb)	(lb)
S0404-0025	1"	S0410-0706	1.25"	1/4"	0.58"	3.28"	400 0.50
S0404-0038	1-1/2"	S0410-0808	1.75"	5/16"	0.63"	3.85"	600 0.78
S0404-0050	2"	S0410-1010	2.25"	3/8"	0.82"	5.00"	1,000 1.53
NOTE: SUPPLIED WITH REMOVABLE 316 STAINLESS SHEAVES.							

SQUARE SWIVEL EYE BLOCK

304/316 STAINLESS STEEL



ITEM	A	SHEAVE	B	C	D	WLL	WT
	(size)					(lb)	(lb)
ROPE							
S0426-0050	1-3/8"	S0400-0050	3/8"	0.82"	5.00"	1,000 1.75	
S0426-0075	2-1/2"	S0400-0075	1/2"	0.97"	6.75"	1,400 2.10	
S0426-0100	3"	S0400-0100	5/8"	0.97"	8.00"	2,000 3.34	
S0426-0050-R	2"	S0410-1010	3/8"	0.82"	5.00"	1,000 1.75	
S0426-0075-R	3"	S0410-1313	1/2"	0.97"	6.75"	1,400 2.10	
S0426-0100-R	4"	S0410-1616	5/8"	0.97"	8.00"	2,000 3.34	
WIRE							
S0426-0050-W	2"	S0412-0307	1/8"	0.82"	5.00"	1,000 1.75	
S0426-0075-W	3"	S0412-0513	3/16"	0.97"	6.75"	1,400 2.10	
S0426-0100-W	4"	S0412-0716	1/4"	0.97"	8.00"	2,000 3.34	
NOTE: SUPPLIED WITH REMOVABLE 316 OR 304 STAINLESS SHEAVE. EYE IS NOT REMOVABLE.							

SWIVEL EYE BLOCK

304/316 STAINLESS STEEL



ITEM	SHEAVE	FITS	EYE	LENGTH	WLL	WT
	(size)				(lb)	(lb)
ROPE						
S0423-E075	3"	S0400-0075	1/2"	0.95"	10.00"	2,222
S0423-E100	4"	S0400-0100	5/8"	0.95"	12.50"	4.08
S0423-E125	5"	S0400-0125	3/4"	1.25"	14.00"	5.38
S0423-E075-R	3"	S0410-1313	1/2"	0.95"	10.00"	2,222
S0423-E100-R	4"	S0410-1616	5/8"	0.95"	12.50"	4.08
S0423-E125-R	5"	S0410-2016	3/4"	1.25"	14.00"	5.38
WIRE						
S0423-E075-W	3"	S0412-0513	3/16"	0.95"	10.00"	2,222
S0423-E100-W	4"	S0412-0716	1/4"	0.95"	12.50"	4.08
S0423-E125-W	5"	S0412-0816	5/16"	1.25"	14.00"	5.38
NOTE: SUPPLIED WITH REMOVABLE 316 OR 304 STAINLESS SHEAVE. EYE IS NOT REMOVABLE. WORKING LOAD LIMIT DOES NOT APPLY TO THE BECKET.						

TWIN SWIVEL EYE BLOCK

304/316 STAINLESS STEEL



ITEM	SHEAVE	FITS	EYE	LENGTH	WLL	WT
	(size)				(lb)	(lb)
ROPE						
S0424-E075	3"	S0400-0075	1/2"	0.95"	10.00"	3.46
S0424-E100	4"	S0400-0100	5/8"	0.95"	12.50"	5.25
S0424-E125	5"	S0400-0125	3/4"	1.25"	14.00"	6.50
S0424-E075-R	3"	S0410-1313	1/2"	0.95"	10.00"	3.46
S0424-E100-R	4"	S0410-1616	5/8"	0.95"	12.50"	5.25
S0424-E125-R	5"	S0410-2016	3/4"	1.25"	14.00"	6.50
WIRE						
S0424-E075-W	3"	S0412-0513	3/16"	0.95"	10.00"	3.46
S0424-E100-W	4"	S0412-0716	1/4"	0.95"	12.50"	5.25
S0424-E125-W	5"	S0412-0816	5/16"	1.25"	14.00"	6.50
NOTE: SUPPLIED WITH 2 REMOVABLE 316 OR 304 STAINLESS SHEAVES. EYE IS NOT REMOVABLE. WORKING LOAD LIMIT DOES NOT APPLY TO THE BECKET.						

SEINE BLOCK WITH EYE

316 STAINLESS STEEL



ITEM	SHEAVE	FITS	EYE	LENGTH	WLL	WT
	(size)				(lb)	(lb)
ROPE						
S0427-0075	3"	S0400-0075	1/2"	0.94"	8.75"	3.12
S0427-0100	4"	S0400-0100	5/8"	0.94"	9.75"	5.92
S0427-0075-R	3"	S0410-1313	1/2"	0.94"	8.75"	3.12
S0427-0100-R	4"	S0410-1616	5/8"	0.94"	9.75"	5.92
WIRE						
S0427-0075-W	3"	S0412-0513	3/16"	0.94"	8.75"	3.12
S0427-0100-W	4"	S0412-0716	1/4"	0.94"	9.75"	5.92
NOTE: SUPPLIED WITH REMOVABLE 316 OR 304 STAINLESS SHEAVE. EYE IS NOT REMOVABLE.						

SEINE BLOCK WITH HOOK

316 STAINLESS STEEL



ITEM	SHEAVE	FITS	HOOK	LENGTH	WLL	WT
	(size)				(lb)	(lb)
ROPE						
S0427-H075	3"	S0400-0075	1/2"	0.71"	9.50"	3.44
S0427-H100	4"	S0400-0100	5/8"	1.26"	12.00"	6.58
S0427-H075-R	3"	S0410-1313	1/2"	0.71"	9.50"	3.44
S0427-H100-R	4"	S0410-1616	5/8"	1.26"	12.00"	6.58
WIRE						
S0427-H075-W	3"	S0412-0513	3/16"	0.71"	9.50"	3.44
S0427-H100-W	4"	S0412-0716	1/4"	1.26"	12.00"	6.58
NOTE: SUPPLIED WITH REMOVABLE 316 OR 304 STAINLESS SHEAVE. HOOK IS NOT REMOVABLE.						

SNATCH BLOCK

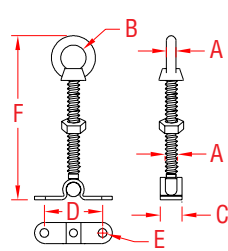
316 STAINLESS STEEL



ITEM	SHEAVE	FITS	EYE	LENGTH	WLL	WT
	(size)				(lb)	(lb)
ROPE						
S0428-0075-R	3"	S0411-1313	1/2"	0.78"	9.00"	2,840
S0428-0100-R	4"	S0411-1616	5/8"	0.95"	11.00"	5.60
S0428-0125-R	5"	S0411-2013	3/4"	1.06"	13.25"	8.14
S0428-0150-R	6"	S0411-2520	1"	1.15"	15.00"	11.28
WIRE						
S0428-0075-W	3"	S0413-0510	3/16"	0.78"	9.00"	2,840
S0428-0100-W	4"	S0413-0713	1/4"	0.95"	11.00"	5.60
S0428-0125-W	5"	S0413-0816	5/16"	1.06"	13.25"	8.14
S0428-0150-W	6"	S0413-1020	3/8"	1.15"	15.00"	11.28

WALL TOGGLE EYE

316 STAINLESS STEEL



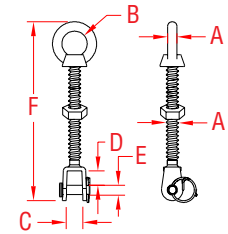
ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
SHORT							
S0320-W107	1/4"	0.62"	0.59"	1.64"	0.25"	2.09"	0.11
S0320-W108	5/16"	0.74"	0.79"	2.00"	0.25"	2.69"	0.21
S0320-W110	3/8"	0.97"	0.87"	2.24"	0.41"	3.47"	0.31
LONG							
S0320-W207	1/4"	0.62"	0.59"	1.64"	0.25"	3.69"	0.13
S0320-W208	5/16"	0.74"	0.79"	2.00"	0.25"	4.23"	0.23
S0320-W210	3/8"	0.97"	0.87"	2.24"	0.41"	4.98"	0.35
CUSTOM CUT							
S0320-W307	1/4"	0.62"	0.59"	1.64"	0.25"	CUSTOM	N/A
S0320-W308	5/16"	0.74"	0.79"	2.00"	0.25"	CUSTOM	N/A
S0320-W310	3/8"	0.97"	0.87"	2.24"	0.41"	CUSTOM	N/A

NOTE:
THREADS ARE "UNC".

**REFERENCE "FASTENER MATCHING CHART" (PAGE 154)
FOR COMPATIBLE FASTENERS.**

JAW EYE

316 STAINLESS STEEL

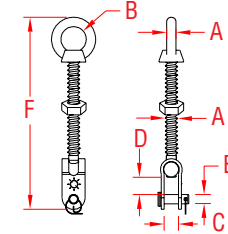


ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
SHORT							
S0320-J107	1/4"	0.62"	0.38"	0.37"	0.22"	2.48"	0.08
S0320-J108	5/16"	0.74"	0.40"	0.38"	0.30"	3.03"	0.16
S0320-J110	3/8"	0.97"	0.46"	0.48"	0.37"	3.83"	0.29
LONG							
S0320-J207	1/4"	0.62"	0.38"	0.37"	0.22"	3.89"	0.10
S0320-J208	5/16"	0.74"	0.40"	0.38"	0.30"	4.76"	0.18
S0320-J210	3/8"	0.97"	0.46"	0.48"	0.37"	6.57"	0.36
CUSTOM CUT							
S0320-J307	1/4"	0.62"	0.38"	0.37"	0.22"	CUSTOM	N/A
S0320-J308	5/16"	0.74"	0.40"	0.38"	0.30"	CUSTOM	N/A
S0320-J310	3/8"	0.97"	0.46"	0.48"	0.37"	CUSTOM	N/A

NOTE:
THREADS ARE "UNC".

TOGGLE EYE

316 STAINLESS STEEL

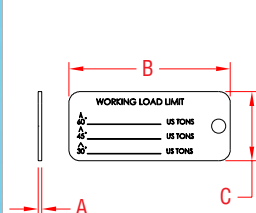


ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
SHORT							
S0320-T107	1/4"	0.62"	0.35"	0.45"	0.23"	2.84"	0.11
S0320-T108	5/16"	0.74"	0.40"	0.59"	0.31"	3.73"	0.23
S0320-T110	3/8"	0.97"	0.56"	0.75"	0.37"	4.59"	0.35
LONG							
S0320-T207	1/4"	0.62"	0.35"	0.45"	0.23"	4.49"	0.13
S0320-T208	5/16"	0.74"	0.40"	0.59"	0.31"	5.28"	0.26
S0320-T210	3/8"	0.97"	0.56"	0.75"	0.37"	6.10"	0.40
CUSTOM CUT							
S0320-T307	1/4"	0.62"	0.35"	0.45"	0.23"	CUSTOM	N/A
S0320-T308	5/16"	0.74"	0.40"	0.59"	0.31"	CUSTOM	N/A
S0320-T310	3/8"	0.97"	0.56"	0.75"	0.37"	CUSTOM	N/A

NOTE:
THREADS ARE "UNC".

SLING IDENTIFICATION TAG

304 STAINLESS STEEL

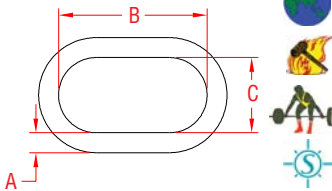


ITEM	A	B	C	WT
				(lb)
S0600-0001	0.09"	3.50"	1.50"	0.10
BLANK TAG - SUNCOR LOGO ONLY				
S0600-0002	0.09"	3.50"	1.50"	0.10
S0600-0003	0.06"	2.50"	1.38"	0.05

NOTE:
THIS TAG IS USED TO PERMANENTLY MARK SLINGS FOR OVERHEAD LIFTING AND SHOW MAXIMUM WORKING LOADS AT DIFFERENT ANGLES. MARKING SERVICES AVAILABLE.

MASTER LINK

316-NM STAINLESS STEEL



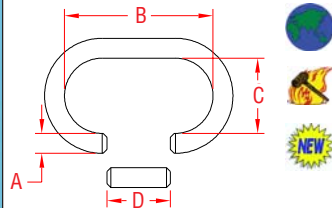
ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0650-0010	3/8"	3.00"	1.50"	1,500	0.35
S0650-0013	1/2"	5.00"	2.50"	2,000	0.84
S0650-0016	5/8"	6.00"	3.00"	2,800	1.61
S0650-0020	3/4"	6.50"	3.25"	3,750	2.26
S0650-0025	1"	7.00"	3.50"	8,000	4.94
S0650-0032	1-1/4"	8.75"	4.38"	11,800	9.65

NOTE: EACH LINK IS INTEGRAL FORGED, NOT WELDED, AND IS STAMPED WITH SIZE AND WORKING LOAD. BE SURE ALL COMPONENTS OF YOUR ASSEMBLY HAVE MATCHED WLL.

FORGED

MASTER LINK - "WELD"

316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0650-W010	3/8"	3.00"	1.50"	1.00"	1,500	0.27
S0650-W013	1/2"	5.00"	2.50"	1.75"	2,000	0.82
S0650-W016	5/8"	6.00"	3.00"	2.00"	2,800	1.54
S0650-W020	3/4"	6.50"	3.25"	2.38"	3,750	2.44
S0650-W025	1"	7.00"	3.50"	2.50"	8,000	4.80
S0650-W032	1-1/4"	8.75"	4.38"	3.00"	11,800	9.54

NOTE: FORGED MASTER LINK FOR EASY CREATION OF CUSTOM SLINGS. LINK FEATURES 1" TO 3" GAP TO ENABLE THE ADDITION OF CHAIN, LINKS, THIMBLES, ETC. BEFORE CREATING ANY ASSEMBLY, BE SURE TO DETERMINE THE WEIGHT OF THE LOAD AND CHOOSE COMPONENTS WITH SUITABLE WORKING LOAD LIMITS.

FORGED

U.S. MASTER & PEAR LINKS

316 STAINLESS STEEL



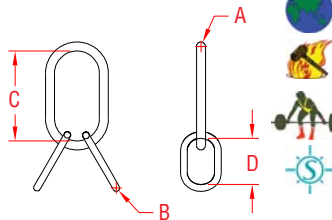
ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
MASTER - FORMED & WELDED					
S0650-US38	1-1/2"	12.50"	6.25"	30,000	18.24
PEAR - FORGED					
S0651-US38	1-1/2"	5.89"	11.82"	30,000	17.24

NOTE: "US" LINKS ARE UNPOLISHED. OTHER SIZES ARE AVAILABLE, HOWEVER QUANTITIES ARE LIMITED. PLEASE CALL FOR AVAILABILITY.

FORGED

MASTER LINK W/LEGS

316-NM STAINLESS STEEL



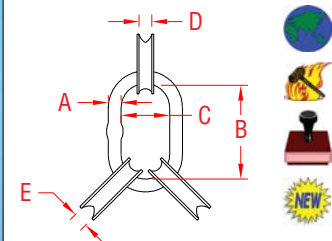
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0652-0013	1/2"	3/8"	5.00"	3.00"	2,000	1.54
S0652-0016	5/8"	1/2"	6.00"	5.00"	2,800	3.29
S0652-0020	3/4"	5/8"	6.50"	6.00"	3,750	5.48
S0652-0025	1"	3/4"	7.00"	5.50"	8,000	9.46
S0652-0032	1-1/4"	1"	8.75"	7.00"	11,800	19.53

NOTE: EACH MASTER LINK IS INTEGRAL FORGED, THEN WELDED, AND IS STAMPED WITH SIZE AND WORKING LOAD.

FORGED

TOWING BRIDLE

316 STAINLESS STEEL



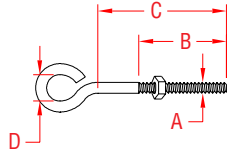
ITEM	A	B	C	D	E	WT
	(size)			(rope 1)	(rope 2)	(lb)
CA63-BR25	1"	7.00"	3.50"	1/2"	7/8"	8.87
CA63-BR32	1-1/4"	8.75"	4.38"	3/4"	1-1/4"	18.03

NOTE: BRIDLE FEATURES A 1" OR 1-1/4" MASTER LINK (ABOVE) WITH 3 HEAVY DUTY THIMBLES (PAGE 71) RANGING IN SIZE FROM 1/2" TO 1-1/4". DESIGNED FOR USE WITH HIGH STRENGTH LINE, SUCH AS DYNEEMA. TOWING BRIDLE IS IDEAL FOR HEAVY MARINE TOWING APPLICATIONS, SUCH AS YACHTS TOWING LARGE TENDERS, WORK BOAT AND BARGE APPLICATIONS.

FORGED

THREADED PRODUCTS

UNWELDED EYE BOLT 304 STAINLESS STEEL

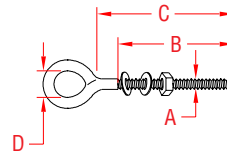


NOTE:
ALL THREADS ARE STANDARD "UNC".
ONE NUT IS INCLUDED.
EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK.

* CUSTOM SIZES ARE AVAILABLE.
PLEASE CALL OR SEND US YOUR SPECIFICATIONS.

ITEM	A	B	C	D	THREAD	WIRE DIA.	WLL	WT
	(size)						(lb)	(lb)
S0310-05025	3/16"	0.88"	1"	0.38"	10-24	0.16"	100	0.02
S0310-05050	3/16"	1.00"	2"	0.38"	10-24	0.16"	100	0.03
S0310-05075	3/16"	1.50"	3"	0.38"	10-24	0.16"	100	0.03
S0310-07025	1/4"	0.88"	1"	0.50"	1/4"-20	0.21"	200	0.04
S0310-07050	1/4"	1.25"	2"	0.50"	1/4"-20	0.21"	200	0.05
S0310-07075	1/4"	1.50"	3"	0.50"	1/4"-20	0.21"	200	0.06
S0310-07100	1/4"	2.50"	4"	0.50"	1/4"-20	0.21"	200	0.08
S0310-07125	1/4"	3.00"	5"	0.50"	1/4"-20	0.21"	200	0.08
S0310-07150	1/4"	4.00"	6"	0.50"	1/4"-20	0.21"	200	0.09
S0310-08013	5/16"	0.38"	1/2"	0.63"	5/16"-18	0.27"	350	0.07
S0310-08025	5/16"	0.88"	1"	0.63"	5/16"-18	0.27"	350	0.08
S0310-08050	5/16"	1.25"	2"	0.63"	5/16"-18	0.27"	350	0.09
S0310-08075	5/16"	1.50"	3"	0.63"	5/16"-18	0.27"	350	0.11
S0310-08100	5/16"	2.50"	4"	0.63"	5/16"-18	0.27"	350	0.13
S0310-10025	3/8"	0.88"	1"	0.75"	3/8"-16	0.33"	500	0.12
S0310-10050	3/8"	1.25"	2"	0.75"	3/8"-16	0.33"	500	0.15
S0310-10075	3/8"	1.50"	3"	0.75"	3/8"-16	0.33"	500	0.17
S0310-10100	3/8"	2.50"	4"	0.75"	3/8"-16	0.33"	500	0.19
S0310-10125	3/8"	3.00"	5"	0.75"	3/8"-16	0.33"	500	0.23
S0310-10150	3/8"	4.00"	6"	0.75"	3/8"-16	0.33"	500	0.24
S0310-13050	1/2"	1.50"	2"	1.00"	1/2"-13	0.43"	1,000	0.33
S0310-13100	1/2"	2.50"	4"	1.00"	1/2"-13	0.43"	1,000	0.42
S0310-13150	1/2"	4.00"	6"	1.00"	1/2"-13	0.43"	1,000	0.51

WELDED EYE BOLT 304 STAINLESS STEEL

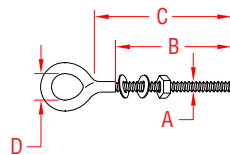


NOTE:
ALL THREADS ARE STANDARD "UNC".
ONE NUT AND TWO WASHERS ARE INCLUDED.
EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK.

* CUSTOM SIZES ARE AVAILABLE.
PLEASE CALL OR SEND US YOUR SPECIFICATIONS.

ITEM	A	B	C	D	THREAD	WIRE DIA.	WLL	WT
	(size)						(lb)	(lb)
S0312-05025	3/16"	0.85"	1"	0.37"	10-24	0.16"	250	0.02
S0312-05050	3/16"	1.50"	2"	0.37"	10-24	0.16"	250	0.03
S0312-05075	3/16"	1.75"	3"	0.37"	10-24	0.16"	250	0.03
S0312-07050	1/4"	1.50"	2"	0.50"	1/4"-20	0.21"	400	0.06
S0312-07075	1/4"	2.00"	3"	0.50"	1/4"-20	0.21"	400	0.07
S0312-07100	1/4"	2.00"	4"	0.50"	1/4"-20	0.21"	400	0.08
S0312-07125	1/4"	2.00"	5"	0.50"	1/4"-20	0.21"	400	0.08
S0312-07150	1/4"	2.00"	6"	0.50"	1/4"-20	0.21"	400	0.09
S0312-08050	5/16"	1.25"	2"	0.63"	5/16"-18	0.27"	600	0.10
S0312-08075	5/16"	2.00"	3"	0.63"	5/16"-18	0.27"	600	0.12
S0312-08100	5/16"	2.00"	4"	0.63"	5/16"-18	0.27"	600	0.13
S0312-08125	5/16"	2.00"	5"	0.63"	5/16"-18	0.27"	600	0.15
S0312-08150	5/16"	2.00"	6"	0.63"	5/16"-18	0.27"	600	0.17
S0312-10075	3/8"	2.00"	3"	0.75"	3/8"-16	0.33"	1,000	0.19
S0312-10100	3/8"	2.00"	4"	0.75"	3/8"-16	0.33"	1,000	0.21
S0312-10125	3/8"	2.00"	5"	0.75"	3/8"-16	0.33"	1,000	0.24
S0312-10150	3/8"	2.00"	6"	0.75"	3/8"-16	0.33"	1,000	0.26
S0312-13075	1/2"	2.00"	3"	1.00"	1/2"-13	0.43"	1,800	0.40
S0312-13100	1/2"	2.00"	4"	1.00"	1/2"-13	0.43"	1,800	0.44
S0312-13125	1/2"	2.00"	5"	1.00"	1/2"-13	0.43"	1,800	0.49
S0312-13150	1/2"	2.00"	6"	1.00"	1/2"-13	0.43"	1,800	0.53

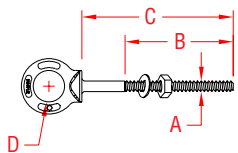
METRIC WELDED EYE BOLT 304 STAINLESS STEEL



NOTE:
ALL THREADS ARE METRIC.
ONE NUT AND TWO WASHERS ARE INCLUDED.
EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK.

ITEM	A	B	C	D	WIRE DIA.	WLL	WT	
	(size)						(lb)	(lb)
S0313-0560	5 mm	2.00"	2.25"	0.38"	0.17"	250	0.03	
S0313-0580	5 mm	3.12"	3.25"	0.38"	0.17"	250	0.04	
S0313-0640	6 mm	1.25"	1.50"	0.50"	0.21"	400	0.04	
S0313-0660	6 mm	2.00"	2.25"	0.50"	0.21"	400	0.05	
S0313-0680	6 mm	3.12"	3.25"	0.50"	0.21"	400	0.06	
S0313-0810	8 mm	3.50"	4.00"	0.63"	0.28"	600	0.14	
S0313-0880	8 mm	3.00"	3.25"	0.63"	0.28"	600	0.13	
S0313-1010	10 mm	3.50"	4.00"	0.88"	0.36"	1,000	0.25	
S0313-1015	10 mm	5.50"	6.00"	0.88"	0.36"	1,000	0.30	
S0313-1210	12 mm	3.50"	4.00"	1.00"	0.42"	1,800	0.38	
S0313-1215	12 mm	4.00"	6.00"	1.00"	0.42"	1,800	0.46	

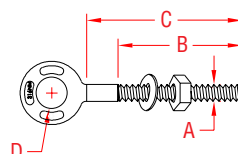
SHOULDER EYE BOLT 316-NM STAINLESS STEEL



NOTE:
EYE BOLTS HAVE FORGED MARKINGS OF 316-NM, SIZE AND WLL IN TONS. ALL THREADS ARE "UNC". ONE NUT AND WASHER ARE INCLUDED. EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK. SHAFT AND UNDERSIDE OF SHOULDER ARE MACHINED FOR PERFECT FIT AND SEATING.

ITEM	A	B	C	D	THREAD	WLL	WT
	(size)					(lb)	(lb)
S0314-0705	1/4"	1.50"	2.00"	0.50"	1/4"-20	500	0.06
S0314-0710	1/4"	2.50"	4.00"	0.50"	1/4"-20	500	0.08
S0314-0806	5/16"	1.50"	2.25"	0.63"	5/16"- 18	800	0.12
S0314-0810	5/16"	2.50"	4.25"	0.63"	5/16"- 18	800	0.14
S0314-1006	3/8"	1.50"	2.50"	0.75"	3/8"- 16	1,200	0.20
S0314-1012	3/8"	2.50"	4.50"	0.75"	3/8"- 16	1,200	0.26
S0314-1304	1/2"	1.25"	1.50"	1.00"	1/2"- 13	2,150	0.30
S0314-1308	1/2"	1.50"	3.25"	1.00"	1/2"- 13	2,150	0.40
S0314-1315	1/2"	3.00"	6.00"	1.00"	1/2"- 13	2,150	0.56
S0314-1603	5/8"	0.75"	1.00"	1.25"	5/8"- 11	3,440	0.60
S0314-1605	5/8"	1.75"	2.00"	1.25"	5/8"- 11	3,440	0.64
S0314-1610	5/8"	2.00"	4.00"	1.25"	5/8"- 11	3,440	0.80
S0314-1615	5/8"	3.00"	6.00"	1.25"	5/8"- 11	3,440	1.00
S0314-2003	3/4"	0.88"	1.00"	1.50"	3/4"- 10	5,140	0.94
S0314-2005	3/4"	1.75"	2.00"	1.50"	3/4"- 10	5,140	1.12
S0314-2012	3/4"	2.00"	4.50"	1.50"	3/4"- 10	5,140	1.40
S0314-2015	3/4"	3.00"	6.00"	1.50"	3/4"- 10	5,140	1.58
S0314-2213	7/8"	2.50"	5.00"	1.75"	7/8"- 9	7,130	2.32
S0314-2504	1"	1.38"	1.44"	2.00"	1"- 8	9,370	2.56
S0314-2506	1"	2.25"	2.50"	2.00"	1"- 8	9,370	2.64
S0314-2515	1"	3.00"	6.00"	2.00"	1"- 8	9,370	3.44

PLAIN EYE BOLT 316-NM STAINLESS STEEL

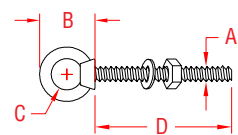


NOTE:
EYE BOLTS HAVE FORGED MARKINGS OF 316-NM, SIZE AND WLL IN TONS. ALL THREADS ARE "UNC". ONE NUT AND WASHER ARE INCLUDED. EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK. SHAFT IS MACHINED FOR PERFECT FIT AND SEATING.

ITEM	A	B	C	D	THREAD	WLL	WT
	(size)					(lb)	(lb)
S0315-0705	1/4"	1.50"	2.00"	0.50"	1/4"-20	500	0.06
S0315-0710	1/4"	2.50"	4.00"	0.50"	1/4"-20	500	0.08
S0315-0806	5/16"	1.50"	2.25"	0.63"	5/16"- 18	800	0.08
S0315-0810	5/16"	2.50"	4.25"	0.63"	5/16"- 18	800	0.14
S0315-1006	3/8"	1.50"	2.50"	0.75"	3/8"- 16	1,200	0.18
S0315-1012	3/8"	2.50"	4.50"	0.75"	3/8"- 16	1,200	0.26
S0315-1304	1/2"	1.25"	1.50"	1.00"	1/2"- 13	2,150	0.36
S0315-1308	1/2"	1.50"	3.25"	1.00"	1/2"- 13	2,150	0.48
S0315-1315	1/2"	3.00"	6.00"	1.00"	1/2"- 13	2,150	0.62
S0315-1603	5/8"	0.75"	1.00"	1.25"	5/8"- 11	3,440	0.62
S0315-1605	5/8"	1.75"	2.00"	1.25"	5/8"- 11	3,440	0.78
S0315-1610	5/8"	2.00"	4.00"	1.25"	5/8"- 11	3,440	0.95
S0315-1615	5/8"	3.00"	6.00"	1.25"	5/8"- 11	3,440	1.12
S0315-2003	3/4"	0.88"	1.00"	1.50"	3/4"- 10	5,140	1.06
S0315-2005	3/4"	1.75"	2.00"	1.50"	3/4"- 10	5,140	1.12
S0315-2012	3/4"	2.00"	4.50"	1.50"	3/4"- 10	5,140	1.52
S0315-2015	3/4"	3.00"	6.00"	1.50"	3/4"- 10	5,140	1.70
S0315-2213	7/8"	2.50"	5.00"	1.75"	7/8"- 9	7,130	2.26
S0315-2504	1"	1.38"	1.44"	2.00"	1"- 8	9,370	2.80
S0315-2506	1"	2.25"	2.50"	2.00"	1"- 8	9,370	3.20
S0315-2515	1"	3.00"	6.00"	2.00"	1"- 8	9,370	3.74

HEAVY DUTY SPECIAL EYE BOLT

316 STAINLESS STEEL

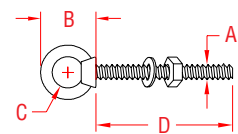


NOTE:
EYE BOLTS ARE FULLY THREADED WITH STANDARD "UNC" THREAD. ONE NUT AND WASHER ARE INCLUDED.

ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0319-0702	1/4"	1.20"	0.62"	2.00"	400	0.07
S0319-0712	1/4"	1.20"	0.62"	12.00"	400	0.17
S0319-0804	5/16"	1.55"	0.75"	4.00"	700	0.16
S0319-0812	5/16"	1.55"	0.75"	12.00"	700	0.29
S0319-1005	3/8"	1.92"	0.97"	5.00"	1,000	0.29
S0319-1012	3/8"	1.92"	0.97"	12.00"	1,000	0.46
S0319-1306	1/2"	2.38"	1.17"	6.00"	2,000	0.61
S0319-1312	1/2"	2.38"	1.17"	12.00"	2,000	0.87
S0319-1606	5/8"	2.81"	1.34"	6.00"	3,200	1.10
S0319-1612	5/8"	2.81"	1.34"	12.00"	3,200	1.48
S0319-2006	3/4"	3.36"	1.57"	6.00"	4,700	1.60
S0319-2012	3/4"	3.36"	1.57"	12.00"	4,700	2.20
S0319-2018	3/4"	3.36"	1.57"	18.00"	4,700	3.32
S0319-2509	1"	4.16"	2.00"	9.00"	7,000	3.78
S0319-2518	1"	4.16"	2.00"	18.00"	7,000	5.43

CUSTOM EYE BOLT SET

316 STAINLESS STEEL



ITEM	A	B	C	D	THREAD	WLL
	(size)					(lb)
S0125-SP07	1/4"	1.20"	0.62"	CUSTOM	1/4"-20	400
S0125-SP08	5/16"	1.55"	0.75"	CUSTOM	5/16"- 18	700
S0125-SP10	3/8"	1.92"	0.97"	CUSTOM	3/8"- 16	1,000
S0125-SP13	1/2"	2.38"	1.17"	CUSTOM	1/2"- 13	2,000
S0125-SP16	5/8"	2.81"	1.34"	CUSTOM	5/8"- 11	3,200
S0125-SP20	3/4"	3.36"	1.57"	CUSTOM	3/4"- 10	4,700
S0125-SP25	1"	3.55"	2.00"	CUSTOM	1"- 8	7,500

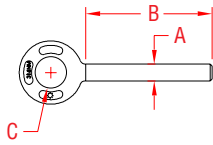
HOW TO ORDER: WE CAN MAKE CUSTOM EYE BOLTS TO FIT YOUR SPECIFIC NEEDS. SELECT AN EYE BOLT FROM THE ITEM NUMBERS LISTED ABOVE AND SIMPLY SPECIFY THE DESIRED SHANK LENGTH (D) WHEN ORDERING.

THREADED PRODUCTS

PLAIN EYE RIVET



316-NM STAINLESS STEEL



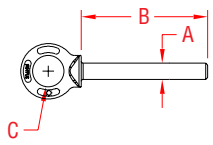
ITEM	A	B	C	WT
	(size)			(lb)
S0315-R1304	1/2"	1.50"	1.00"	0.26
S0315-R1308	1/2"	3.25"	1.00"	0.37

NOTE:
OTHER SIZES ARE AVAILABLE ON SPECIAL ORDER. SEE PLAIN EYE BOLTS FOR SPECIAL SIZES (PAGE 87).
EYE RIVETS HAVE FORGED MARKINGS OF 316-NM, SIZE AND WLL IN TONS. SHAFT IS MACHINED FOR PERFECT FIT.

SHOULDER EYE RIVET



316-NM STAINLESS STEEL



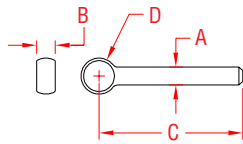
ITEM	A	B	C	WT
	(size)			(lb)
S0314-R1304	1/2"	1.50"	1.00"	0.27
S0314-R1308	1/2"	3.25"	1.00"	0.38

NOTE:
OTHER SIZES ARE AVAILABLE ON SPECIAL ORDER. SEE SHOULDER EYE BOLTS FOR SPECIAL SPECS (PAGE 87).
EYE RIVETS HAVE FORGED MARKINGS OF 316-NM, SIZE AND WLL IN TONS. UNDERSIDE OF SHOULDER AND SHAFT ARE MACHINED FOR PERFECT SEATING AND FIT.

ROD END BLANK



304 STAINLESS STEEL

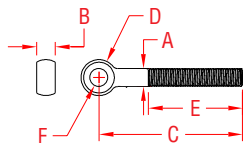


ITEM	SIZE	A	B	C	D	WT
						(lb)
S0360-10075	3/8" x 3"	0.38"	0.38"	3.00"	0.75"	0.13
S0360-10100	3/8" x 4"	0.38"	0.38"	4.00"	0.75"	0.16
S0360-13100	1/2" x 4"	0.50"	0.50"	4.00"	1.00"	0.30
S0360-13125	1/2" x 5"	0.50"	0.50"	5.00"	1.00"	0.36
S0360-13150	1/2" x 6"	0.50"	0.50"	6.00"	1.00"	0.42
S0360-16125	5/8" x 5"	0.63"	0.63"	5.00"	1.25"	0.61
S0360-16150	5/8" x 6"	0.63"	0.63"	6.00"	1.25"	0.68
S0360-16200	5/8" x 8"	0.63"	0.63"	8.00"	1.25"	0.82
S0360-20125	3/4" x 5"	0.75"	0.75"	5.00"	1.50"	0.86
S0360-20150	3/4" x 6"	0.75"	0.75"	6.00"	1.50"	1.04
S0360-20175	3/4" x 7"	0.75"	0.75"	7.00"	1.50"	1.22
S0360-20200	3/4" x 8"	0.75"	0.75"	8.00"	1.50"	1.40
S0360-22150	7/8" x 6"	0.88"	0.88"	6.00"	1.75"	1.46
S0360-25300	1" x 10"	1.00"	1.00"	10.00"	2.00"	2.85

CUSTOM ROD END



304 STAINLESS STEEL

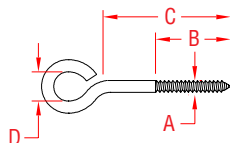


ITEM	SIZE	A	B	C	D	E	F
						(thread)	(eye)
S0360-10075-SP	3/8" x 3"	0.38"	0.38"	3.00"	0.75"	CUSTOM	CUSTOM
S0360-10100-SP	3/8" x 4"	0.38"	0.38"	4.00"	0.75"	CUSTOM	CUSTOM
S0360-13100-SP	1/2" x 4"	0.50"	0.50"	4.00"	1.00"	CUSTOM	CUSTOM
S0360-13125-SP	1/2" x 5"	0.50"	0.50"	5.00"	1.00"	CUSTOM	CUSTOM
S0360-13150-SP	1/2" x 6"	0.50"	0.50"	6.00"	1.00"	CUSTOM	CUSTOM
S0360-16125-SP	5/8" x 5"	0.63"	0.63"	5.00"	1.25"	CUSTOM	CUSTOM
S0360-16150-SP	5/8" x 6"	0.63"	0.63"	6.00"	1.25"	CUSTOM	CUSTOM
S0360-16200-SP	5/8" x 8"	0.63"	0.63"	8.00"	1.25"	CUSTOM	CUSTOM
S0360-20125-SP	3/4" x 5"	0.75"	0.75"	5.00"	1.50"	CUSTOM	CUSTOM
S0360-20150-SP	3/4" x 6"	0.75"	0.75"	6.00"	1.50"	CUSTOM	CUSTOM
S0360-20175-SP	3/4" x 7"	0.75"	0.75"	7.00"	1.50"	CUSTOM	CUSTOM
S0360-20200-SP	3/4" x 8"	0.75"	0.75"	8.00"	1.50"	CUSTOM	CUSTOM
S0360-22150-SP	7/8" x 6"	0.88"	0.88"	6.00"	1.75"	CUSTOM	CUSTOM
S0360-25300-SP	1" x 10"	1.00"	1.00"	10.00"	2.00"	CUSTOM	CUSTOM

LAG EYE SCREW



304 STAINLESS STEEL

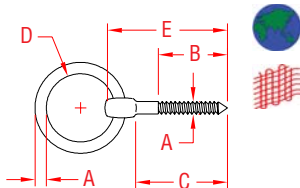


ITEM	A	B	C	D	WIRE DIA.	WT
	(size)					(lb)
S0327-04025	5/32"	0.63"	0.75"	0.44"	0.16"	0.01
S0327-07032	1/4"	0.75"	1.00"	0.63"	0.23"	0.03
S0327-07065	1/4"	1.87"	2.50"	0.58"	0.23"	0.03
S0327-07075	1/4"	1.87"	3.00"	0.50"	0.23"	0.03
S0327-07100	1/4"	1.87"	4.00"	0.50"	0.23"	0.04
S0327-08032	5/16"	0.75"	1.00"	0.63"	0.26"	0.05
S0327-08065	5/16"	1.25"	2.50"	0.63"	0.26"	0.06
S0327-08075	5/16"	1.75"	3.00"	0.63"	0.26"	0.07
S0327-08100	5/16"	1.75"	4.00"	0.63"	0.26"	0.08
S0327-08125	5/16"	1.75"	5.00"	0.63"	0.26"	0.10
S0327-10065	3/8"	1.75"	2.50"	0.75"	0.32"	0.10

NOTE:
SEE NOTE ON LAG RING BOLT S0329 (PAGE 89).

LAG RING BOLT

304 STAINLESS STEEL

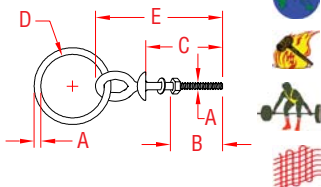


ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0329-0007	1/4"	1.50"	2.25"	1.20"	2.75"	0.12
S0329-0008	5/16"	1.50"	2.25"	2.00"	3.00"	0.22
S0329-0010	3/8"	2.13"	3.13"	2.40"	3.86"	0.41
S0329-0013	1/2"	3.25"	4.75"	2.94"	5.65"	0.76

NOTE:
WOOD TYPE THREADS. THE WORKING LOAD HAS NOT BEEN ESTABLISHED SINCE IT DEPENDS ON THE WOOD, HOLE AND INSTALLATION.

RING BOLT SHOULDER

316 STAINLESS STEEL

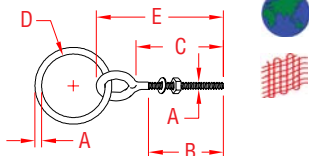


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0330-0750	1/4"	1.50"	2.00"	1.75"	2.94"	250	0.14
S0330-0855	5/16"	1.50"	2.25"	2.00"	3.50"	400	0.27
S0330-1012	3/8"	2.50"	4.25"	2.50"	6.00"	600	0.54
S0330-1065	3/8"	1.50"	2.50"	2.50"	4.00"	600	0.48
S0330-1315	1/2"	3.00"	6.00"	3.00"	7.75"	1,100	1.17
S0330-1380	1/2"	1.50"	3.25"	3.00"	5.20"	1,100	1.06
S0330-1615	5/8"	3.00"	6.00"	3.00"	8.50"	2,000	1.95
S0330-2015	3/4"	3.00"	6.00"	3.00"	8.87"	2,600	2.89

NOTE:
DROP FORGED EYE BOLT WITH WELDED RING; ALL THREADS ARE STANDARD "UNC"; ONE NUT AND ONE WASHER ARE INCLUDED.

RING BOLT PLAIN

316 STAINLESS STEEL

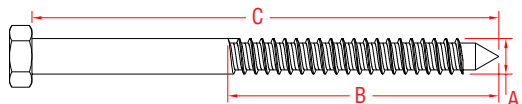


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0331-0750	1/4"	1.50"	2.00"	1.75"	2.94"	250	0.12
S0331-0855	5/16"	1.50"	2.25"	2.00"	3.50"	400	0.21
S0331-1012	3/8"	2.50"	4.25"	2.50"	5.75"	600	0.38
S0331-1065	3/8"	1.50"	2.50"	2.50"	4.25"	600	0.42
S0331-1315	1/2"	3.00"	6.00"	3.00"	8.00"	1,100	0.94
S0331-1380	1/2"	1.50"	3.25"	3.00"	5.25"	1,100	0.83

NOTE:
WELDED EYE BOLT WITH WELDED RING; ALL THREADS ARE STANDARD "UNC"; ONE NUT AND ONE WASHER ARE INCLUDED.
12 MM AVAILABLE IN 4" OR 6". USE ITEM# S0328-1210 AND S0328-1215.

LAG SCREW

304 STAINLESS STEEL

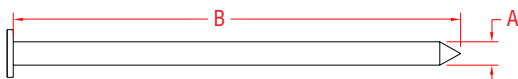
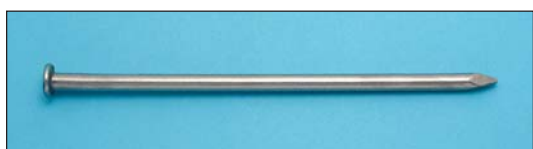


ITEM	A	B	C	WT
	(size)		(length)	(lb)
S0335-07150	1/4"	3.75"	6"	0.11
S0335-07250	1/4"	5.75"	10"	0.18
S0335-10150	3/8"	3.75"	6"	0.16
S0335-10250	3/8"	5.75"	10"	0.26
S0335-13150	1/2"	3.75"	6"	0.21
S0335-13250	1/2"	5.75"	10"	0.35
S0335-16300	5/8"	6.50"	12"	0.53

NOTE:
EXTREMELY CORROSION RESISTANT. WITH SHARP POINTS AND COARSE THREADS, THESE LAG SCREWS ARE DESIGNED TO PENETRATE AND GRIP WOOD. CAN BE USED IN DOCK AND PIER CONSTRUCTION. PILOT HOLE RECOMMENDED.

STAINLESS SPIKE

304 STAINLESS STEEL



ITEM	A	B	WT
	(size)	(length)	(lb)
S0340-1006	3/8"	6.00"	0.19
S0340-1008	3/8"	8.00"	0.26
S0340-1010	3/8"	10.00"	0.32
S0340-1012	3/8"	12.00"	0.38

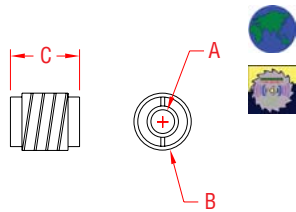
NOTE:
THESE HEAVY DUTY NAILS ARE GREAT FOR DOCK & PIER CONSTRUCTION. CORROSION RESISTANT FOR LONG LASTING STRENGTH.

THREADED PRODUCTS

THREAD INSERT, UNC



316 STAINLESS STEEL



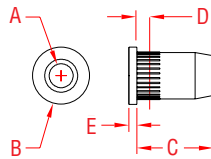
ITEM	A	B	C	HOLE SIZE	WT
	(size)				(lb)
S0385-0005	3/16"	0.46"	0.50"	3/8"	0.01
S0385-0007	1/4"	0.46"	0.50"	3/8"	0.01
S0385-0008	5/16"	0.60"	0.63"	1/2"	0.02
S0385-0010	3/8"	0.60"	0.63"	1/2"	0.03

NOTE:
SPECIAL FITTING WITH "KNIFE THREADS" ON THE OUTSIDE AND STANDARD UNC ON THE INSIDE. USED TO CONNECT HORIZONTAL WIRE ROPE TO WOODEN POSTS AND TO ATTACH OTHER FASTENERS TO WOOD, PLASTIC OR CARBON FIBER.

RIVET NUT INSERT



316 STAINLESS STEEL



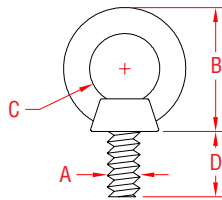
ITEM	A	B	C	D	E	THREAD	WT
				(max grip)			(lb)
UNF, RIGHT AND LEFT							
S0381-0007	1/4"	0.43"	0.63"	0.14"	0.06"	1/4" x 28 RH	0.01
S0381-L007	1/4"	0.43"	0.63"	0.14"	0.06"	1/4" x 28 LH	0.01
UNC, RIGHT AND LEFT							
S0382-0005	3/16"	0.35"	0.52"	0.12"	0.04"	10 x 24 RH	0.01
S0382-0007	1/4"	0.43"	0.63"	0.14"	0.06"	1/4" x 20 RH	0.01
S0382-L007	1/4"	0.43"	0.63"	0.14"	0.06"	1/4" x 20 LH	0.01
S0382-0008	5/16"	0.55"	0.70"	0.16"	0.06"	5/16" x 18 RH	0.01
S0382-0010	3/8"	0.63"	0.90"	0.22"	0.06"	3/8" x 16 RH	0.02

NOTE:
FOR INSTALLATION IN THIN WALL METAL PLATES OR TUBES. RIVET NUT INSTALLATION TOOL IS ITEM #S0380-0000 (PAGE 53).

MACHINE EYE BOLT



316 STAINLESS STEEL



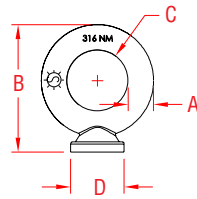
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0316-0007	1/4"	1.09"	0.62"	0.53"	400	0.05
S0316-0008	5/16"	1.34"	0.75"	0.58"	700	0.07
S0316-0010	3/8"	1.68"	0.95"	0.71"	1,000	0.13
S0316-0013	1/2"	2.00"	1.14"	0.86"	2,000	0.30
S0316-0016	5/8"	2.42"	1.32"	1.02"	3,200	0.45
S0316-0020	3/4"	2.78"	1.57"	1.14"	4,700	0.79
S0316-0025	1"	3.54"	1.95"	1.31"	7,500	1.65

NOTE:
THREADS ARE "UNC".

PAD EYE



316-NM STAINLESS STEEL



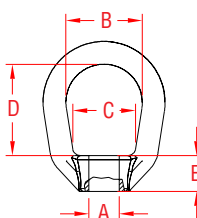
ITEM	A	B	C	D	WT
	(size)				(lb)
S0324-0005	3/16"	1.06"	0.50"	0.38"	0.04
S0324-0007	1/4"	1.31"	0.63"	0.56"	0.06
S0324-0008	5/16"	1.56"	0.75"	0.63"	0.10
S0324-0010	3/8"	2.00"	1.00"	0.87"	0.19
S0324-0013	1/2"	2.50"	1.25"	1.00"	0.38
S0324-0016	5/8"	3.25"	1.50"	1.38"	0.87
S0324-0020	3/4"	4.75"	1.75"	1.50"	1.52

NOTE:
WLL IS DEPENDENT ON QUALITY OF THE WELDING AND ATTACHED STRUCTURE. PAD EYES HAVE FORGED MARKINGS OF 316-NM AND SIZE. UNDERSIDE IS MACHINED FOR PERFECT SEATING.

LIFTING EYE NUT



316-NM STAINLESS STEEL

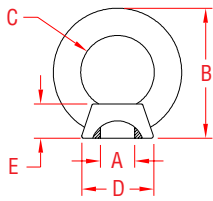


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0322-0007	1/4"	0.75"	0.59"	1.06"	0.38"	460	0.08
S0322-0008	5/16"	0.75"	0.59"	1.06"	0.38"	780	0.08
S0322-0010	3/8"	1.25"	1.00"	1.50"	0.63"	1,160	0.26
S0322-0013	1/2"	1.25"	1.00"	1.50"	0.63"	2,150	0.25
S0322-0016	5/8"	1.50"	1.19"	2.00"	0.69"	3,440	0.53
S0322-0020	3/4"	1.75"	1.25"	2.38"	0.88"	5,140	0.95

NOTE:
UNDERSIDE OF SHOULDER IS MACHINED FOR PERFECT SEATING. EYE NUTS HAVE FORGED MARKINGS OF 316-NM, SIZE AND WLL IN TONS. ALL THREADS ARE "UNC".

EYE NUT

316 STAINLESS STEEL

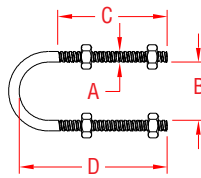


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
THREADED - UNC							
S0321-0007	1/4"	1.20"	0.62"	0.50"	0.39"	400	0.04
S0321-0008	5/16"	1.55"	0.75"	0.62"	0.56"	700	0.08
S0321-0010	3/8"	1.92"	0.97"	0.76"	0.62"	1,000	0.13
S0321-0013	1/2"	2.38"	1.17"	0.95"	0.87"	2,000	0.26
S0321-0016	5/8"	2.81"	1.34"	1.19"	1.00"	3,200	0.53
S0321-0020	3/4"	3.36"	1.57"	1.32"	1.22"	4,700	0.75
S0321-0025	1"	4.16"	1.95"	1.70"	1.43"	7,500	1.49
UNTHREADED - BLANK							
S0321-U007	1/4"	1.20"	0.62"	0.50"	0.39"	400	0.04
S0321-U008	5/16"	1.55"	0.75"	0.62"	0.56"	700	0.08
S0321-U010	3/8"	1.92"	0.97"	0.76"	0.62"	1,000	0.13
S0321-U013	1/2"	2.38"	1.17"	0.95"	0.87"	2,000	0.26
S0321-U016	5/8"	2.81"	1.34"	1.19"	1.00"	3,200	0.53
S0321-U020	3/4"	3.36"	1.57"	1.32"	1.22"	4,700	0.75
S0321-U025	1"	4.16"	1.95"	1.70"	1.43"	7,500	1.49

NOTE:
UNTHREADED EYE NUT CAN BE WELDED INTO PLACE, USED TO MAKE A SWIVEL ASSEMBLY OR CUSTOM THREADED TO FIT YOUR APPLICATION. SUNCOR OFFERS THREADING SERVICE.

LONG U-BOLT

304 STAINLESS STEEL

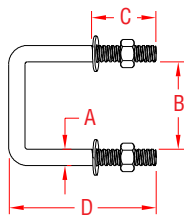


ITEM	A	THREAD	B	C	D	PIPE	WLL
	(size)						(lb)
S0352-07013	1/4"	1/4" - 20	0.88"	2.50"	2.94"	1/2"	435
S0352-07020	1/4"	1/4" - 20	1.13"	2.50"	3.19"	3/4"	435
S0352-07025	1/4"	1/4" - 20	1.38"	2.50"	3.44"	1"	435
S0352-10032	3/8"	3/8" - 16	1.69"	2.38"	3.72"	1-1/4"	1,090
S0352-10038	3/8"	3/8" - 16	2.00"	2.50"	4.00"	1-1/2"	1,090
S0352-10050	3/8"	3/8" - 16	2.44"	2.50"	4.44"	2"	1,090
S0352-13065	1/2"	1/2" - 13	2.94"	3.00"	5.22"	2-1/2"	2,020
S0352-13075	1/2"	1/2" - 13	3.56"	3.00"	5.75"	3"	2,020
S0352-13090	1/2"	1/2" - 13	4.06"	3.00"	6.25"	3-1/2"	2,020
S0352-13100	1/2"	1/2" - 13	4.56"	3.00"	6.75"	4"	2,020
S0352-13125	1/2"	1/2" - 13	5.63"	3.00"	7.81"	5"	2,020
S0352-16150	5/8"	5/8" - 11	6.75"	3.75"	9.69"	6"	3,230
S0352-16200	5/8"	5/8" - 11	8.75"	3.75"	11.50"	8"	3,230
S0352-20250	3/4"	3/4" - 10	10.88"	4.00"	13.88"	10"	4,830
S0352-22300	7/8"	7/8" - 9	12.88"	4.25"	16.13"	12"	6,730
S0352-22350	7/8"	7/8" - 9	14.13"	4.25"	17.50"	14"	6,730
S0352-22400	7/8"	7/8" - 9	16.13"	4.25"	19.25"	16"	6,730

NOTE:
EACH U-BOLT SET INCLUDES 4 NUTS, WASHERS ARE AVAILABLE SEPARATELY.

SQUARE U-BOLT

304 STAINLESS STEEL

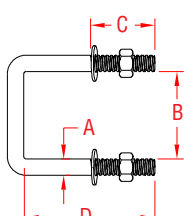


ITEM	A	THREAD	B	C	D	WLL	WT
	(size)					(lb)	(lb)
S0356-102X3	3/8"	3/8" - 16	2.00"	1.50"	3.40"	1,090	0.25
S0356-102X5	3/8"	3/8" - 16	2.00"	3.00"	5.40"	1,090	0.35
S0356-102X7	3/8"	3/8" - 16	2.00"	3.75"	7.37"	1,090	0.45
S0356-104X3	3/8"	3/8" - 16	4.00"	1.50"	3.37"	1,090	0.30
S0356-104X5	3/8"	3/8" - 16	4.00"	3.00"	5.37"	1,090	0.40
S0356-104X7	3/8"	3/8" - 16	4.00"	3.75"	7.37"	1,090	0.50
S0356-106X5	3/8"	3/8" - 16	6.00"	3.00"	5.30"	1,090	0.45
S0356-106X7	3/8"	3/8" - 16	6.00"	3.75"	7.37"	1,090	0.55
S0356-106X9	3/8"	3/8" - 16	6.00"	5.63"	9.37"	1,090	0.65

NOTE:
EACH SET INCLUDES 2 NUTS AND 2 WASHERS. THREADS ARE "UNC" 3/8"-16.

TRAILER U-BOLT

304 STAINLESS STEEL

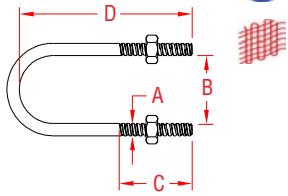


ITEM	A	THREAD	B	C	D	WLL	WT
	(size)					(lb)	(lb)
S0276-102X4	1/2"	1/2" - 13	2.13"	1.50"	4.00"	2,020	0.68
S0276-103X3	1/2"	1/2" - 13	3.13"	1.50"	3.00"	2,020	0.65
S0276-103X4	1/2"	1/2" - 13	3.13"	1.50"	4.00"	2,020	0.70
S0276-103X5	1/2"	1/2" - 13	3.13"	1.50"	5.00"	2,020	0.75
S0276-103X6	1/2"	1/2" - 13	3.13"	1.50"	6.00"	2,020	0.80
S0276-104X3	1/2"	1/2" - 13	4.13"	1.50"	3.00"	2,020	0.70

NOTE:
STAINLESS TRAILER U-BOLTS ARE INTENDED TO REPLACE OR UPGRADE ORIGINAL TRAILER PARTS. EACH SET INCLUDES 2 NUTS AND 2 WASHERS.

THREADED PRODUCTS

U-BOLT STANDARD 304 STAINLESS STEEL



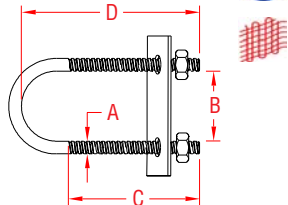
NOTE:
ALL THREADS ARE UNC AND SET INCLUDES 2 NUTS.
EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK.

**BULK QUANTITY OF CUSTOM SIZES
MAY BE SPECIAL ORDERED.**

**CALL OR SEND US
YOUR REQUIREMENTS FOR A PRICE
AND DELIVERY SCHEDULE.**

ITEM	A	THREAD	B	C	D	PIPE	WLL
	(size)						(lb)
S0350-07010	1/4"	1/4" - 20	0.75"	0.63"	1.25"	3/8"	435
S0350-07013	1/4"	1/4" - 20	1.00"	1.00"	1.75"	1/2"	435
S0350-07020	1/4"	1/4" - 20	1.13"	1.00"	2.00"	3/4"	435
S0350-07025	1/4"	1/4" - 20	1.50"	1.38"	2.75"	1"	435
S0350-07032	1/4"	1/4" - 20	1.75"	1.38"	3.00"	1-1/4"	435
S0350-07038	1/4"	1/4" - 20	2.00"	1.38"	3.25"	1-1/2"	435
S0350-08013	5/16"	5/16" - 18	1.00"	1.38"	2.19"	1/2"	610
S0350-08026	5/16"	5/16" - 18	1.50"	1.00"	2.19"	1"	610
S0350-08032	5/16"	5/16" - 18	1.75"	1.13"	2.69"	1-1/4"	610
S0350-08038	5/16"	5/16" - 18	2.00"	1.00"	2.69"	1-1/2"	610
S0350-08050	5/16"	5/16" - 18	2.50"	1.00"	3.19"	2"	610
S0350-08065	5/16"	5/16" - 18	3.00"	1.00"	3.69"	2-1/2"	610
S0350-10013	3/8"	3/8" - 16	1.00"	1.25"	2.25"	1/2"	1,090
S0350-10020	3/8"	3/8" - 16	1.25"	1.25"	2.25"	3/4"	1,090
S0350-10025	3/8"	3/8" - 16	1.50"	1.25"	2.50"	1"	1,090
S0350-10032	3/8"	3/8" - 16	1.75"	1.25"	2.75"	1-1/4"	1,090
S0350-10038	3/8"	3/8" - 16	2.00"	1.25"	2.63"	1-1/2"	1,090
S0350-10050	3/8"	3/8" - 16	2.50"	1.25"	3.13"	2"	1,090
S0350-10065	3/8"	3/8" - 16	3.00"	1.25"	3.63"	2-1/2"	1,090
S0350-10075	3/8"	3/8" - 16	3.50"	1.25"	4.13"	3"	1,090
S0350-13065	1/2"	1/2" - 13	3.00"	1.63"	4.50"	2-1/2"	2,020
S0350-13075	1/2"	1/2" - 13	3.50"	1.50"	5.00"	3"	2,020
S0350-13090	1/2"	1/2" - 13	4.00"	1.50"	5.50"	3-1/2"	2,020
S0350-13100	1/2"	1/2" - 13	4.50"	1.50"	6.00"	4"	2,020
S0350-13125	1/2"	1/2" - 13	5.63"	2.00"	7.25"	5"	2,020
S0350-13150	1/2"	1/2" - 13	6.75"	2.00"	8.38"	6"	2,020
S0350-13200	1/2"	1/2" - 13	8.75"	2.00"	10.38"	8"	2,020

U-BOLT WITH PLATE 304 STAINLESS STEEL



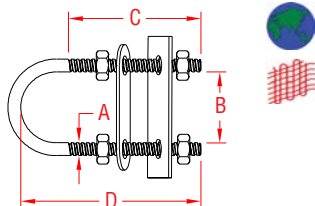
NOTE:
ALL THREADS ARE UNC AND SET INCLUDES 2 NUTS.
EXTRA NUTS AND WASHERS ARE AVAILABLE FROM STOCK.

**BULK QUANTITY OF CUSTOM SIZES
MAY BE SPECIAL ORDERED.**

**CALL OR SEND US
YOUR REQUIREMENTS FOR A PRICE
AND DELIVERY SCHEDULE.**

ITEM	A	THREAD	B	C	D	PIPE	WLL
	(size)						(lb)
S0351-07010	1/4"	1/4" - 20	0.75"	0.63"	1.25"	3/8"	435
S0351-07013	1/4"	1/4" - 20	1.00"	1.00"	1.75"	1/2"	435
S0351-07020	1/4"	1/4" - 20	1.13"	1.00"	2.00"	3/4"	435
S0351-07025	1/4"	1/4" - 20	1.50"	1.38"	2.75"	1"	435
S0351-07032	1/4"	1/4" - 20	1.75"	1.38"	3.00"	1-1/4"	435
S0351-07038	1/4"	1/4" - 20	2.00"	1.38"	3.25"	1-1/2"	435
S0351-08013	5/16"	5/16" - 18	1.00"	1.38"	2.19"	1/2"	610
S0351-08026	5/16"	5/16" - 18	1.50"	1.00"	2.19"	1"	610
S0351-08032	5/16"	5/16" - 18	1.75"	1.13"	2.69"	1-1/4"	610
S0351-08038	5/16"	5/16" - 18	2.00"	1.00"	2.69"	1-1/2"	610
S0351-08050	5/16"	5/16" - 18	2.50"	1.00"	3.19"	2"	610
S0351-08065	5/16"	5/16" - 18	3.00"	1.00"	3.69"	2-1/2"	610
S0351-10013	3/8"	3/8" - 16	1.00"	1.25"	2.25"	1/2"	1,090
S0351-10020	3/8"	3/8" - 16	1.25"	1.25"	2.25"	3/4"	1,090
S0351-10025	3/8"	3/8" - 16	1.50"	1.25"	2.50"	1"	1,090
S0351-10032	3/8"	3/8" - 16	1.75"	1.25"	2.75"	1-1/4"	1,090
S0351-10038	3/8"	3/8" - 16	2.00"	1.25"	2.63"	1-1/2"	1,090
S0351-10050	3/8"	3/8" - 16	2.50"	1.25"	3.13"	2"	1,090
S0351-10065	3/8"	3/8" - 16	3.00"	1.25"	3.63"	2-1/2"	1,090
S0351-10075	3/8"	3/8" - 16	3.50"	1.25"	4.13"	3"	1,090
S0351-13065	1/2"	1/2" - 13	3.00"	1.63"	4.50"	2-1/2"	2,020
S0351-13075	1/2"	1/2" - 13	3.50"	1.50"	5.00"	3"	2,020
S0351-13090	1/2"	1/2" - 13	4.00"	1.50"	5.50"	3-1/2"	2,020
S0351-13100	1/2"	1/2" - 13	4.50"	1.50"	6.00"	4"	2,020
S0351-13125	1/2"	1/2" - 13	5.63"	2.00"	7.25"	5"	2,020
S0351-13150	1/2"	1/2" - 13	6.75"	2.00"	8.38"	6"	2,020
S0351-13200	1/2"	1/2" - 13	8.75"	2.00"	10.38"	8"	2,020

BOW / STERN EYE 304 STAINLESS STEEL



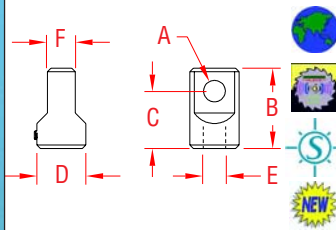
ITEM	A	THREAD	B	C	D	PULL	WT
	(size)					(strength - lb)	(lb)
S0353-10055	3/8"	3/8" - 16	1.03"	1.13"	2.25"	3,200	0.25
S0353-10090	3/8"	3/8" - 16	1.03"	3.00"	4.00"	3,200	0.30
S0353-10115	3/8"	3/8" - 16	1.03"	4.00"	5.00"	3,200	0.40
S0353-11120	7/16"	7/16" - 14	1.50"	3.44"	5.00"	3,800	0.60
S0353-11150	7/16"	7/16" - 14	1.50"	4.50"	6.00"	3,800	0.65
S0353-13095	1/2"	1/2" - 13	1.31"	2.50"	3.87"	4,800	0.60
S0353-13120	1/2"	1/2" - 13	1.31"	3.44"	4.85"	4,800	0.70
S0353-13150	1/2"	1/2" - 13	1.31"	4.75"	6.00"	4,800	0.80
S0353-13180	1/2"	1/2" - 13	1.31"	6.00"	7.25"	4,800	0.95

NOTE:
EACH U-BOLT SET INCLUDES 4 NUTS (2 STANDARD AND 2 BEVELED),
1 BOW PLATE AND 1 STERN PLATE. THREADS ARE "UNC".

THREADED PRODUCTS

HOIST ANCHOR BASE

316 STAINLESS STEEL

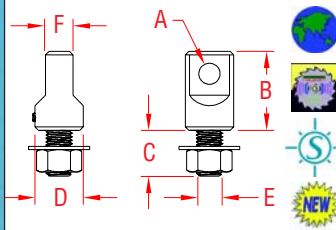


ITEM	SIZE	A	B	C	D	E	F	WLL	WT
	(nominal)					(UNC thread)		(lb)	(lb)
S0116-HB07	1/4"	0.31"	1.38"	1.00"	0.75"	3/8"-16	0.45"	1,000	0.12
S0116-HB08	5/16"	0.38"	1.63"	1.20"	0.88"	7/16"-14	0.48"	1,300	0.18
S0116-HB10	3/8"	0.44"	2.00"	1.50"	1.25"	1/2"-13	0.60"	1,500	0.46
S0116-HB12	7/16"	0.50"	2.13"	1.56"	1.38"	5/8"-11	0.65"	2,000	0.56
S0116-HB13	1/2"	0.63"	2.25"	1.59"	1.38"	3/4"-10	0.78"	3,000	0.58
S0116-HB16	5/8"	0.75"	2.67"	1.86"	1.75"	7/8"-9	1.01"	4,000	1.11
S0116-HB20	3/4"	0.88"	2.89"	2.00"	2.00"	1"-8	1.19"	6,000	1.54
S0116-HB22	7/8"	1.00"	3.50"	2.34"	2.50"	1-1/8"-7	1.39"	8,000	3.00
S0116-HB25	1"	1.13"	4.00"	2.67"	2.75"	1-1/4"-7	1.60"	10,000	4.23

NOTE:
316 STAINLESS STEEL FOR MAXIMUM CORROSION RESISTANCE.
DESIGNED FOR USE WITH STANDARD SHACKLE TYPES AND SIZES.

ANCHOR BASE w/ STUD

316 STAINLESS STEEL

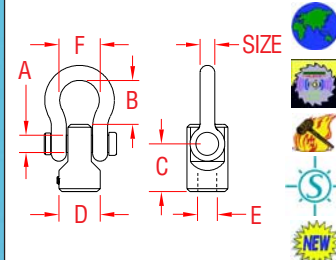


ITEM	SIZE	A	B	C	D	E	F	WLL	WT
	(nominal)					(UNC thread)		(lb)	(lb)
S0116-HC07	1/4"	0.31"	1.38"	0.64"	0.75"	3/8"-16	0.45"	1,000	0.16
S0116-HC08	5/16"	0.38"	1.63"	0.78"	0.88"	7/16"-14	0.48"	1,300	0.24
S0116-HC10	3/8"	0.44"	2.00"	0.86"	1.25"	1/2"-13	0.60"	1,500	0.54
S0116-HC12	7/16"	0.50"	2.13"	1.10"	1.38"	5/8"-11	0.65"	2,000	0.72
S0116-HC13	1/2"	0.63"	2.25"	1.32"	1.38"	3/4"-10	0.78"	3,000	0.86
S0116-HC16	5/8"	0.75"	2.67"	1.43"	1.75"	7/8"-9	1.01"	4,000	1.53
S0116-HC20	3/4"	0.88"	2.89"	1.80"	2.00"	1"-8	1.19"	6,000	2.19
S0116-HC22	7/8"	1.00"	3.50"	2.05"	2.50"	1-1/8"-7	1.39"	8,000	3.93
S0116-HC25	1"	1.13"	4.00"	2.17"	2.75"	1-1/4"-7	1.60"	10,000	5.57

NOTE:
DESIGNED FOR USE WITH STANDARD SHACKLE TYPES AND SIZES. INCLUDES HOIST ANCHOR BASE, THREADED ROD, WASHER & NUT. THREADS ARE UNC.

ANCHOR BASE w/ SHACKLE

316 STAINLESS STEEL

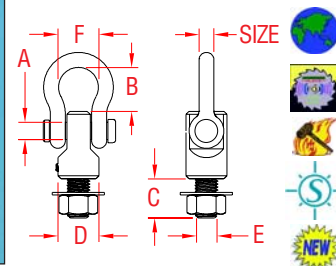


ITEM	SIZE	A	B	C	D	E	F	WLL	WT
	(nominal)					(UNC thread)		(lb)	(lb)
S0116-HD07	1/4"	0.31"	0.91"	1.00"	0.75"	3/8"-16	0.79"	1,000	0.22
S0116-HD08	5/16"	0.38"	0.99"	1.20"	0.88"	7/16"-14	0.81"	1,300	0.35
S0116-HD10	3/8"	0.44"	1.13"	1.50"	1.25"	1/2"-13	1.05"	1,500	0.78
S0116-HD12	7/16"	0.50"	1.14"	1.56"	1.38"	5/8"-11	1.14"	2,000	1.05
S0116-HD13	1/2"	0.63"	1.47"	1.59"	1.38"	3/4"-10	1.33"	3,000	1.30
S0116-HD16	5/8"	0.75"	2.00"	1.86"	1.75"	7/8"-9	1.67"	4,000	2.64
S0116-HD20	3/4"	0.88"	2.48"	2.00"	2.00"	1"-8	2.02"	6,000	3.90
S0116-HD22	7/8"	1.00"	2.78"	2.34"	2.50"	1-1/8"-7	2.24"	8,000	7.00
S0116-HD25	1"	1.13"	2.99"	2.67"	2.75"	1-1/4"-7	2.47"	10,000	9.50

NOTE:
316 STAINLESS STEEL FOR MAXIMUM CORROSION RESISTANCE.
INCLUDES HOIST ANCHOR BASE AND FIXED SHACKLE. THREADS ARE UNC.

COMPLETE HOIST ASSEMBLY

316 STAINLESS STEEL

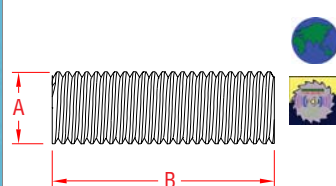


ITEM	SIZE	A	B	C	D	E	F	WLL	WT
	(nominal)					(UNC thread)		(lb)	(lb)
S0116-HF07	1/4"	0.31"	0.91"	0.64"	0.75"	3/8"-16	0.79"	1,000	0.26
S0116-HF08	5/16"	0.38"	0.99"	0.78"	0.88"	7/16"-14	0.81"	1,300	0.41
S0116-HF10	3/8"	0.44"	1.13"	0.86"	1.25"	1/2"-13	1.05"	1,500	0.86
S0116-HF12	7/16"	0.50"	1.14"	1.10"	1.38"	5/8"-11	1.14"	2,000	1.21
S0116-HF13	1/2"	0.63"	1.47"	1.32"	1.38"	3/4"-10	1.33"	3,000	1.58
S0116-HF16	5/8"	0.75"	2.00"	1.43"	1.75"	7/8"-9	1.67"	4,000	3.06
S0116-HF20	3/4"	0.88"	2.48"	1.80"	2.00"	1"-8	2.02"	6,000	4.55
S0116-HF22	7/8"	1.00"	2.78"	2.05"	2.50"	1-1/8"-7	2.24"	8,000	7.93
S0116-HF25	1"	1.13"	2.99"	2.17"	2.75"	1-1/4"-7	2.47"	10,000	10.84

NOTE:
COMPLETE HOIST ASSEMBLY. INCLUDES HOIST ANCHOR BASE, FIXED SHACKLE, THREADED ROD, WASHER AND NUT. THREADS ARE UNC.

THREADED ROD, UNC

316 STAINLESS STEEL



ITEM	A	B	THREAD	WLL	WT
	(size)			(lb)	(lb)
S0300-0007	1/4"	6 FEET	1/4"-20	475	0.76
S0300-0008	5/16"	6 FEET	5/16"-18	780	1.22
S0300-0010	3/8"	6 FEET	3/8"-16	1,160	2.30
S0300-0013	1/2"	6 FEET	1/2"-13	2,120	3.25
S0300-0016	5/8"	6 FEET	5/8"-11	3,390	5.15
S0300-0020	3/4"	6 FEET	3/4"-10	5,000	7.55
S0300-0022	7/8"	6 FEET	7/8"-9	6,930	10.26
S0300-0025	1"	6 FEET	1"-8	9,090	13.64

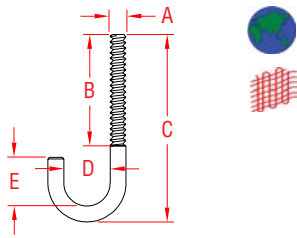
NOTE:
RODS WITH METRIC THREAD CAN BE SUPPLIED ON SPECIAL ORDER.

THREADED PRODUCTS

THREADED PRODUCTS

J-BOLT

304 STAINLESS STEEL

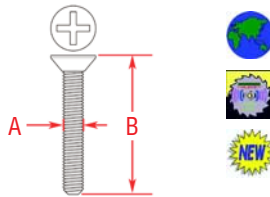


ITEM	A	B	C	D	E	WT
						(lb)
S0358-0550	3/16"	1.25"	1.88"	0.31"	0.56"	0.03
S0358-0655	7/32"	1.25"	2.13"	0.34"	0.66"	0.04
S0358-0760	1/4"	1.50"	2.31"	0.38"	0.75"	0.05
S0358-0875	5/16"	2.00"	3.00"	0.50"	0.94"	0.08
S0358-10100	3/8"	2.25"	3.75"	0.50"	1.13"	0.12
S0358-10125	3/8"	2.25"	5.00"	0.50"	1.13"	0.16
S0358-10180	3/8"	2.25"	7.00"	0.50"	1.13"	0.22
S0358-13150	1/2"	3.00"	6.00"	0.63"	1.50"	0.26

NOTE:
ALL THREADS ARE STANDARD "UNC".
FOR S0303-SERIES "UNC" RIGHT HAND NUTS, SEE PAGE 96.

MACHINE SCREW - FLATHEAD

PHILLIPS
316 STAINLESS STEEL

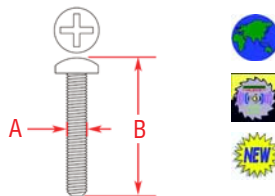


ITEM	SIZE	A	B	QTY	WT
					(lb)
SMALL PACKS - POLY BAG					
S0910-0538-10	#8-32	0.16"	1.50"	10	0.07
S0910-0638-8	#10-24	0.18"	1.50"	8	0.08
S0910-0725-4	1/4"-20	0.25"	1.00"	4	0.05
S0910-0750-4	1/4"-20	0.25"	2.00"	4	0.09
S0910-0845-3	5/16"-18	0.31"	1.50"	3	0.09
BULK 1 LB. PACKS - PLASTIC BOX					
S0910-0538-1LB	#8-32	0.16"	1.50"	1 lb (135 pcs)	1.00
S0910-0638-1LB	#10-24	0.18"	1.50"	1 lb (103 pcs)	1.00
S0910-0725-1LB	1/4"-20	0.25"	1.00"	1 lb (78 pcs)	1.00
S0910-0750-1LB	1/4"-20	0.25"	2.00"	1 lb (44 pcs)	1.00
S0910-0845-1LB	5/16"-18	0.31"	1.50"	1 lb (34 pcs)	1.00

NOTE: 316 STAINLESS. MATCHING WASHERS AND NUTS ARE AVAILABLE.

MACHINE SCREW - PANHEAD

PHILLIPS
316 STAINLESS STEEL

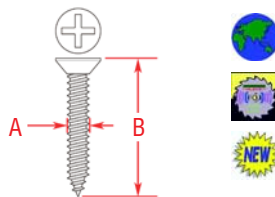


ITEM	SIZE	A	B	QTY	WT
					(lb)
SMALL PACKS - POLY BAG					
S0911-0750-4	1/4"-20	0.25"	2.00"	4	0.11
S0911-0850-3	5/16"-18	0.31"	2.00"	3	0.14
BULK 1 LB. PACKS - PLASTIC BOX					
S0911-0750-1LB	1/4"-20	0.25"	2.00"	1 lb (38 pcs)	1.00
S0911-0850-1LB	5/16"-18	0.31"	2.00"	1 lb (22 pcs)	1.00

NOTE:
316 STAINLESS FOR MAXIMUM CORROSION RESISTANCE.
MATCHING WASHERS, NUTS AND STAINLESS PHILLIPS HEAD DRIVER BITS ARE AVAILABLE.

WOOD SCREW - FLATHEAD

PHILLIPS
316 STAINLESS STEEL

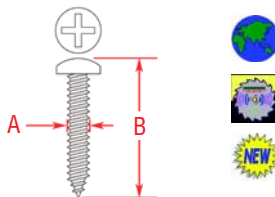


ITEM	SIZE	A	B	QTY	WT
					(lb)
SMALL PACKS - POLY BAG					
S0914-0538-10	#8	0.16"	1.50"	10	0.06
S0914-0638-8	#10	0.19"	1.50"	8	0.07
S0914-0750-4	#14 (1/4")	0.25"	2.00"	4	0.08
S0914-0850-3	#20 (5/16")	0.31"	2.00"	3	0.10
BULK 1 LB. PACKS - PLASTIC BOX					
S0914-0538-1LB	#8	0.16"	1.50"	1 lb (160 pcs)	1.00
S0914-0638-1LB	#10	0.19"	1.50"	1 lb (120 pcs)	1.00
S0914-0750-1LB	#14 (1/4")	0.25"	2.00"	1 lb (53 pcs)	1.00
S0914-0850-1LB	#20 (5/16")	0.31"	2.00"	1 lb (30 pcs)	1.00

NOTE: 316 STAINLESS FOR MAXIMUM CORROSION RESISTANCE.
STAINLESS PHILLIPS HEAD DRIVER BITS ARE AVAILABLE.

WOOD SCREW - PANHEAD

PHILLIPS
316 STAINLESS STEEL



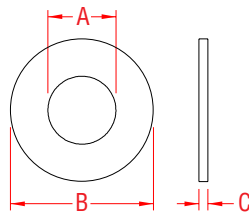
ITEM	SIZE	A	B	QTY	WT
					(lb)
SMALL PACKS - POLY BAG					
S0913-0738-4	#14 (1/4")	0.25"	1.50"	4	0.07
S0913-0838-3	#20 (5/16")	0.31"	1.50"	3	0.10
BULK 1 LB. PACKS - PLASTIC BOX					
S0913-0738-1LB	#14 (1/4")	0.25"	1.50"	1 lb (59 pcs)	1.00
S0913-0838-1LB	#20 (5/16")	0.31"	1.50"	1 lb (32 pcs)	1.00

NOTE:
316 STAINLESS FOR MAXIMUM CORROSION RESISTANCE.
STAINLESS PHILLIPS HEAD DRIVER BITS ARE AVAILABLE.

FLAT WASHER



316 STAINLESS STEEL

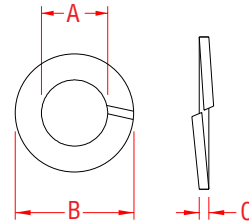


ITEM	SIZE	A	B	C	QTY	WT
SMALL PACKS - POLY BAG						(lb)
P0113-WA04-10	#8 (1/8")	0.13"	0.32"	0.03"	10	0.008
P0113-WA05-10	#10 (3/16")	0.21"	0.43"	0.03"	10	0.010
P0113-WA07-4	#14 (1/4")	0.29"	0.62"	0.05"	4	0.014
P0113-WA08-3	#20 (5/16")	0.36"	0.75"	0.05"	3	0.014
PACKS OF 100 - PLASTIC BOX						
P0113-WA04-100	#8 (1/8")	0.13"	0.32"	0.03"	100	0.07
P0113-WA05-100	#10 (3/16")	0.21"	0.43"	0.03"	100	0.11
P0113-WA07-100	#14 (1/4")	0.29"	0.62"	0.05"	100	0.35
P0113-WA08-100	#20 (5/16")	0.36"	0.75"	0.05"	100	0.44
NOTE: 316 STAINLESS STEEL FOR MAXIMUM CORROSION RESISTANCE. COMPATIBLE FASTENERS AND NUTS ARE AVAILABLE.						

LOCK WASHER - SPLIT



316 STAINLESS STEEL

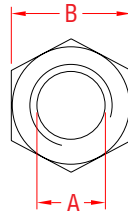


ITEM	SIZE	A	B	C	QTY	WT
SMALL PACKS - POLY BAG						(lb)
P0113-SW04-10	#8 (1/8")	0.13"	0.23"	0.03"	10	0.004
P0113-SW05-10	#10 (3/16")	0.20"	0.33"	0.05"	10	0.010
P0113-SW07-4	#14 (1/4")	0.26"	0.48"	0.07"	4	0.012
P0113-SW08-3	#20 (5/16")	0.33"	0.58"	0.09"	3	0.014
PACKS OF 100 - PLASTIC BOX						
P0113-SW04-100	#8 (1/8")	0.13"	0.23"	0.03"	100	0.05
P0113-SW05-100	#10 (3/16")	0.20"	0.33"	0.05"	100	0.10
P0113-SW07-100	#14 (1/4")	0.26"	0.48"	0.07"	100	0.24
P0113-SW08-100	#20 (5/16")	0.33"	0.58"	0.09"	100	0.43
NOTE: 316 STAINLESS STEEL FOR MAXIMUM CORROSION RESISTANCE. COMPATIBLE FASTENERS AND NUTS ARE AVAILABLE.						

HEX NUT - RIGHT HAND



316 STAINLESS STEEL
UNC



ITEM	A	B	THREAD	QTY	WT
					(lb)
SMALL PACKS - POLY BAG					
S0303-0004-10	#8 (1/8")	0.34"	#8-32	10	0.03
S0303-0005-10	#10 (3/16")	0.37"	#10-24	10	0.03
S0303-0007-4	#14 (1/4")	0.43"	1/4"-20	4	0.03
S0303-0008-3	#20 (5/16")	0.49"	5/16"-18	3	0.03
PACKS OF 100 - PLASTIC BOX					
S0303-0004-100	#8 (1/8")	0.34"	#8-32	100	0.30
S0303-0005-100	#10 (3/16")	0.37"	#10-24	100	0.35
S0303-0007-100	#14 (1/4")	0.43"	1/4"-20	100	0.80
S0303-0008-100	#20 (5/16")	0.49"	5/16"-18	100	1.07
NOTE: 316 STAINLESS STEEL. ALL THREADS ARE STANDARD RIGHT HAND "UNC".					

SCREWDRIVER BITS - PHILLIPS



ITEM	SIZE	LENGTH	QTY	WT
410 STAINLESS STEEL				
E0101-PH02-C-2	#2	1" (25mm)	2	0.04
E0101-PHL2-C-2	#2	2" (50mm)	2	0.06
E0101-PH03-C-2	#3	1" (25mm)	2	0.04
E0101-PHL3-C-2	#3	2" (50mm)	2	0.07
NOTE: USING STAINLESS DRIVER BITS PREVENTS CONTAMINATION OF STAINLESS SCREW HEADS. USING TYPICAL STEEL BITS CAN CAUSE STAINLESS FASTENERS TO STAIN, IF STRIPPING OCCURS DURING INSTALLATION.				
PART NUMBERS SHOWN ARE FOR 2 PACKS. HOWEVER, BULK ORDERS ARE AVAILABLE UPON REQUEST.				

FASTENER LUBRICANT

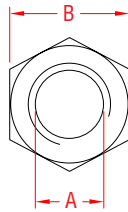


ITEM	SIZE	WT	
			(lb)
E0102-0000	2.5 oz	0.19	
NOTE: CONTAINS BEESWAX. APPLY THIS SPECIAL FASTENER LUBRICANT TO ANY THREADED SURFACE TO EASE THREADING. VERY EFFECTIVE ON WOOD SCREWS TO ELIMINATE ANY STRIPPING OF SCREW HEADS AND TO SPEED INSTALLATION.			

THREADED PRODUCTS

TURNBUCKLE NUTS

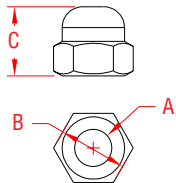
316 STAINLESS STEEL



ITEM	A	B	THREAD	WT
	(size)	(wrench)		(lb)
LEFT HAND - "UNC"				
S0302-0005	3/16"	0.31" 5/16"	10 - 24	.25/100
S0302-0007	1/4"	0.39" 3/8"	1/4" - 20	.42/100
S0302-0008	5/16"	0.47" 1/2"	5/16" - 18	.82/100
S0302-0010	3/8"	0.54" 9/16"	3/8" - 16	1.5/100
S0302-0013	1/2"	0.75" 3/4"	1/2" - 13	3.5/100
S0302-0016	5/8"	0.94" 15/16"	5/8" - 11	7.0/100
S0302-0020	3/4"	1.13" 1-1/8"	3/4" - 10	13.0/100
S0302-0025	1"	1.51" 1-1/2"	1" - 8	31.0/100
S0302-0028	1-1/8"	1.65" 1-5/8"	1-1/8" - 7	40.0/100
S0302-0032	1-1/4"	1.77" 1-3/4"	1-1/4" - 7	58.0/100
RIGHT HAND - "UNC"				
S0303-0005	3/16"	0.31" 5/16"	10 - 24	.25/100
S0303-0007	1/4"	0.44" 7/16"	1/4" - 20	.42/100
S0303-0008	5/16"	0.47" 1/2"	5/16" - 18	.82/100
S0303-0010	3/8"	0.54" 9/16"	3/8" - 16	1.5/100
S0303-0013	1/2"	0.75" 3/4"	1/2" - 13	3.5/100
S0303-0016	5/8"	0.94" 15/16"	5/8" - 11	7.0/100
S0303-0020	3/4"	1.13" 1-1/8"	3/4" - 10	13.0/100
S0303-0025	1"	1.51" 1-1/2"	1" - 8	31.0/100
S0303-0028	1-1/8"	1.65" 1-5/8"	1-1/8" - 7	40.0/100
S0303-0032	1-1/4"	1.77" 1-3/4"	1-1/4" - 7	58.0/100
RIGHT HAND - METRIC				
S0303-MM05	5 mm	0.31" 5/16"	M5 x 0.8	.25/100
S0303-MM06	6 mm	0.38" 3/8"	M6 x 1.0	.45/100
S0303-MM10	10 mm	0.65" 5/8"	M10 x 1.5	2.0/100
S0303-MM12	12 mm	0.74" 3/4"	M12 x 1.75	3.5/100
S0303-MM16	16 mm	0.93" 15/16"	M16 x 2.0	8.0/100
S0303-MM20	20 mm	1.17" 1-3/16"	M20 x 2.5	12.0/100
LEFT HAND - STANDARD "UNF"				
S0304-0005	3/16"	0.31" 5/16"	10 - 32	.25/100
S0304-0007	1/4"	0.39" 3/8"	1/4" - 28	.42/100
S0304-0008	5/16"	0.47" 1/2"	5/16" - 24	.82/100
S0304-0010	3/8"	0.54" 9/16"	3/8" - 24	1.5/100
S0304-0013	1/2"	0.75" 3/4"	1/2" - 20	3.5/100
S0304-0016	5/8"	0.94" 15/16"	5/8" - 18	7.0/100
S0304-0020	3/4"	1.09" 1-1/8"	3/4" - 16	10.0/100
RIGHT HAND - STANDARD "UNF"				
S0305-0005	3/16"	0.31" 5/16"	10 - 32	.25/100
S0305-0007	1/4"	0.44" 7/16"	1/4" - 28	.42/100
S0305-0008	5/16"	0.47" 1/2"	5/16" - 24	.82/100
S0305-0010	3/8"	0.54" 9/16"	3/8" - 24	1.5/100
S0305-0013	1/2"	0.75" 3/4"	1/2" - 20	3.5/100
S0305-0016	5/8"	0.94" 15/16"	5/8" - 18	7.0/100
S0305-0020	3/4"	1.09" 1-1/8"	3/4" - 16	10.0/100

ACORN NUT

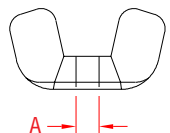
316 STAINLESS STEEL
UNC



ITEM	A	B	C	THREAD	WT
	(size)	(wrench)			(lb)
S0306-0005	3/16"	0.38" 3/8"	0.42"	10 - 24	.48/100
S0306-0007	1/4"	0.44" 7/16"	0.47"	1/4" - 20	.93/100
S0306-0008	5/16"	0.56" 9/16"	0.53"	5/16" - 18	1.7/100
S0306-0010	3/8"	0.63" 5/8"	0.63"	3/8" - 16	4.0/100
S0306-0012	7/16"	0.63" 5/8"	0.72"	7/16" - 13	7.5/100
S0306-0013	1/2"	0.75" 3/4"	0.81"	1/2" - 13	8.0/100
S0306-0016	5/8"	1.00" 1"	0.98"	5/8" - 11	15.0/100
S0306-0020	3/4"	1.06" 1-1/16"	1.19"	3/4" - 10	35.0/100

WING NUT

304 STAINLESS STEEL



ITEM	A	THREAD	WT
	(size)		(lb)
S0301-0005	3/16"	10 - 24	0.01
S0301-0007	1/4"	1/4" - 20	0.02
S0301-0008	5/16"	5/16" - 18	0.04
S0301-0010	3/8"	3/8" - 16	0.08
S0301-0013	1/2"	1/2" - 13	0.13
S0301-0016	5/8"	5/8" - 11	0.20

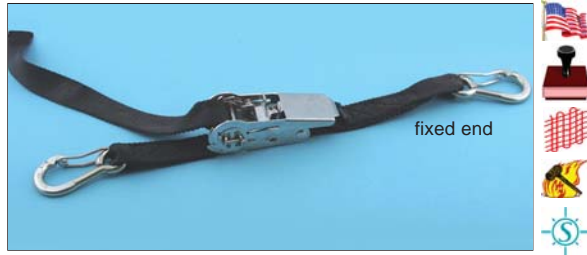
NOTE:
HEAVY DUTY, PRECISION CAST WING NUT.
ALL THREADS ARE STANDARD "UNC".

WEBBING HARDWARE

WEBBING HARDWARE

RATCHET ASSEMBLY W/ CLIPS

304 AND 316 STAINLESS STEEL & WEBBING



RATCHET ASSEMBLY W/ "J" HOOKS

304 STAINLESS STEEL & WEBBING



ITEM WEBBING LENGTH LENGTH CLIPS WLL WT

	(width)	(overall)	(fixed end)	(part #)	(lb)	(lb)
BLACK						
S0201-0325	1"	3'	12"	S0172-0080	350	0.86
S0201-0425	1"	4'	12"	S0172-0080	350	0.89
S0201-0525	1"	5'	12"	S0172-0080	350	0.92
S0201-0625	1"	6'	12"	S0172-0080	350	0.95
S0201-1025	1"	10'	12"	S0172-0080	350	1.05
S0201-1225	1"	12'	12"	S0172-0080	350	1.11
S0201-1625	1"	16'	12"	S0172-0080	350	1.23
S0201-2025	1"	20'	12"	S0172-0080	350	1.35
S0201-2525	1"	25'	12"	S0172-0080	350	1.50
BLUE						
S0201-0325-B	1"	3'	12"	S0172-0080	350	0.86
S0201-0425-B	1"	4'	12"	S0172-0080	350	0.89
S0201-0525-B	1"	5'	12"	S0172-0080	350	0.92
S0201-0625-B	1"	6'	12"	S0172-0080	350	0.95
S0201-1025-B	1"	10'	12"	S0172-0080	350	1.05
S0201-1225-B	1"	12'	12"	S0172-0080	350	1.11
S0201-1625-B	1"	16'	12"	S0172-0080	350	1.23
S0201-2025-B	1"	20'	12"	S0172-0080	350	1.35
WHITE						
S0201-0525-W	1"	5'	12"	S0172-0080	350	0.92
S0201-1025-W	1"	10'	12"	S0172-0080	350	1.05
S0201-2025-W	1"	20'	12"	S0172-0080	350	1.35

NOTE:

INFORMATION ON SO201-0025 RATCHET BUCKLE CAN BE FOUND ON PAGE 102 FOR INFORMATION ON SO172-0080 HARNESS CLIP SEE PAGE 60.

BLACK

S0203-0338	1-1/2"	3'	14"	S0172-0100	1,100	2.38
S0203-0438	1-1/2"	4'	14"	S0172-0100	1,100	2.42
S0203-0538	1-1/2"	5'	14"	S0172-0100	1,100	2.46
S0203-0638	1-1/2"	6'	14"	S0172-0100	1,100	2.50
S0203-1038	1-1/2"	10'	14"	S0172-0100	1,100	2.66
S0203-1238	1-1/2"	12'	14"	S0172-0100	1,100	2.74
S0203-1638	1-1/2"	16'	14"	S0172-0100	1,100	2.90
S0203-2038	1-1/2"	20'	14"	S0172-0100	1,100	3.06

BLUE

S0203-0338-B	1-1/2"	3'	14"	S0172-0100	1,100	2.38
S0203-0438-B	1-1/2"	4'	14"	S0172-0100	1,100	2.42
S0203-0538-B	1-1/2"	5'	14"	S0172-0100	1,100	2.46
S0203-0638-B	1-1/2"	6'	14"	S0172-0100	1,100	2.50
S0203-1038-B	1-1/2"	10'	14"	S0172-0100	1,100	2.66
S0203-1238-B	1-1/2"	12'	14"	S0172-0100	1,100	2.74
S0203-1638-B	1-1/2"	16'	14"	S0172-0100	1,100	2.90
S0203-2038-B	1-1/2"	20'	14"	S0172-0100	1,100	3.06

NOTE:

INFORMATION ON SO203-HD38 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO172-0100 HARNESS CLIP SEE PAGE 60.

BLACK

S0204-0350	2"	3'	17"	S0172-0120	1,540	3.72
S0204-0450	2"	4'	17"	S0172-0120	1,540	3.78
S0204-0550	2"	5'	17"	S0172-0120	1,540	3.84
S0204-0650	2"	6'	17"	S0172-0120	1,540	3.90
S0204-1050	2"	10'	17"	S0172-0120	1,540	4.13
S0204-1250	2"	12'	17"	S0172-0120	1,540	4.25
S0204-1650	2"	16'	17"	S0172-0120	1,540	4.49
S0204-2050	2"	20'	17"	S0172-0120	1,540	4.73

BLUE

S0204-0350-B	2"	3'	17"	S0172-0120	1,540	3.72
S0204-0450-B	2"	4'	17"	S0172-0120	1,540	3.78
S0204-0550-B	2"	5'	17"	S0172-0120	1,540	3.84
S0204-0650-B	2"	6'	17"	S0172-0120	1,540	3.90
S0204-1050-B	2"	10'	17"	S0172-0120	1,540	4.13
S0204-1250-B	2"	12'	17"	S0172-0120	1,540	4.25
S0204-1650-B	2"	16'	17"	S0172-0120	1,540	4.49
S0204-2050-B	2"	20'	17"	S0172-0120	1,540	4.73

NOTE:

INFORMATION ON SO204-HD50 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO172-0120 HARNESS CLIP SEE PAGE 60.



ITEM WEBBING LENGTH LENGTH HOOKS WLL WT

	(width)	(overall)	(fixed end)	(part #)	(lb)	(lb)
BLACK						
S0201-JJ03	1"	3'	12"	S0211-0025	400	0.86
S0201-JJ04	1"	4'	12"	S0211-0025	400	0.89
S0201-JJ05	1"	5'	12"	S0211-0025	400	0.92
S0201-JJ06	1"	6'	12"	S0211-0025	400	0.95
S0201-JJ10	1"	10'	12"	S0211-0025	400	1.05
S0201-JJ12	1"	12'	12"	S0211-0025	400	1.11
S0201-JJ16	1"	16'	12"	S0211-0025	400	1.23
S0201-JJ20	1"	20'	12"	S0211-0025	400	1.35
BLUE						
S0201-JJ03-B	1"	3'	12"	S0211-0025	400	0.86
S0201-JJ04-B	1"	4'	12"	S0211-0025	400	0.89
S0201-JJ05-B	1"	5'	12"	S0211-0025	400	0.92
S0201-JJ06-B	1"	6'	12"	S0211-0025	400	0.95
S0201-JJ10-B	1"	10'	12"	S0211-0025	400	1.05
S0201-JJ12-B	1"	12'	12"	S0211-0025	400	1.11
S0201-JJ16-B	1"	16'	12"	S0211-0025	400	1.23
S0201-JJ20-B	1"	20'	12"	S0211-0025	400	1.35

NOTE:

INFORMATION ON SO201-0025 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO211-0025 "J" HOOKS SEE PAGE 103.

BLACK

S0203-JJ03	1-1/2"	3'	14"	S0211-0038	1,000	2.38
S0203-JJ04	1-1/2"	4'	14"	S0211-0038	1,000	2.42
S0203-JJ05	1-1/2"	5'	14"	S0211-0038	1,000	2.46
S0203-JJ06	1-1/2"	6'	14"	S0211-0038	1,000	2.50
S0203-JJ10	1-1/2"	10'	14"	S0211-0038	1,000	2.66
S0203-JJ12	1-1/2"	12'	14"	S0211-0038	1,000	2.74
S0203-JJ16	1-1/2"	16'	14"	S0211-0038	1,000	2.90
S0203-JJ20	1-1/2"	20'	14"	S0211-0038	1,000	3.06

BLUE

S0203-JJ03-B	1-1/2"	3'	14"	S0211-0038	1,000	2.38
S0203-JJ04-B	1-1/2"	4'	14"	S0211-0038	1,000	2.42
S0203-JJ05-B	1-1/2"	5'	14"	S0211-0038	1,000	2.46
S0203-JJ06-B	1-1/2"	6'	14"	S0211-0038	1,000	2.50
S0203-JJ10-B	1-1/2"	10'	14"	S0211-0038	1,000	2.66
S0203-JJ12-B	1-1/2"	12'	14"	S0211-0038	1,000	2.74
S0203-JJ16-B	1-1/2"	16'	14"	S0211-0038	1,000	2.90
S0203-JJ20-B	1-1/2"	20'	14"	S0211-0038	1,000	3.06

NOTE:

INFORMATION ON SO203-HD38 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO211-0038 "J" HOOKS SEE PAGE 103.

BLACK

S0204-JJ03	2"	3'	17"	S0211-0050	1,500	3.72
S0204-JJ04	2"	4'	17"	S0211-0050	1,500	3.78
S0204-JJ05	2"	5'	17"	S0211-0050	1,500	3.84
S0204-JJ06	2"	6'	17"	S0211-0050	1,500	3.90
S0204-JJ10	2"	10'	17"	S0211-0050	1,500	4.13
S0204-JJ12	2"	12'	17"	S0211-0050	1,500	4.25
S0204-JJ16	2"	16'	17"	S0211-0050	1,500	4.49
S0204-JJ20	2"	20'	17"	S0211-0050	1,500	4.73

BLUE

S0204-JJ03-B	2"	3'	17"	S0211-0050	1,500	3.72
S0204-JJ04-B	2"	4'	17"	S0211-0050	1,500	3.78
S0204-JJ05-B	2"	5'	17"	S0211-0050	1,500	3.84
S0204-JJ06-B	2"	6'	17"	S0211-0050	1,500	3.90
S0204-JJ10-B	2"	10'	17"	S0211-0050	1,500	4.13
S0204-JJ12-B	2"	12'	17"	S0211-0050	1,500	4.25
S0204-JJ16-B	2"	16'	17"	S0211-0050	1,500	4.49
S0204-JJ20-B	2"	20'	17"	S0211-0050	1,500	4.73

NOTE:

INFORMATION ON SO204-HD50 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO211-0050 "J" HOOKS SEE PAGE 103.



RATCHET ASSEMBLY W/ "S" HOOKS

304 AND 316 STAINLESS STEEL & WEBBING



RATCHET ASSEMBLY W/ FLAT HOOKS

304 STAINLESS STEEL & WEBBING



ITEM WEBBING LENGTH LENGTH HOOKS WLL WT

	(width)	(overall)	(fixed end)	(part #)	(lb)	(lb)
BLACK						
S0201-SS03	1"	3'	12"	S0212-0025	200	0.80
S0201-SS04	1"	4'	12"	S0212-0025	200	0.83
S0201-SS05	1"	5'	12"	S0212-0025	200	0.85
S0201-SS06	1"	6'	12"	S0212-0025	200	0.87
S0201-SS10	1"	10'	12"	S0212-0025	200	0.99
S0201-SS12	1"	12'	12"	S0212-0025	200	1.05
S0201-SS16	1"	16'	12"	S0212-0025	200	1.17
S0201-SS20	1"	20'	12"	S0212-0025	200	1.29

BLUE						
S0201-SS03-B	1"	3'	12"	S0212-0025	200	0.80
S0201-SS04-B	1"	4'	12"	S0212-0025	200	0.83
S0201-SS05-B	1"	5'	12"	S0212-0025	200	0.85
S0201-SS06-B	1"	6'	12"	S0212-0025	200	0.87
S0201-SS10-B	1"	10'	12"	S0212-0025	200	0.99
S0201-SS12-B	1"	12'	12"	S0212-0025	200	1.05
S0201-SS16-B	1"	16'	12"	S0212-0025	200	1.17
S0201-SS20-B	1"	20'	12"	S0212-0025	200	1.29

NOTE:
INFORMATION ON SO201-0025 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO212-0025 "S" WEB HOOKS SEE PAGE 103.

BLACK						
S0203-SS03	1-1/2"	3'	14"	S0212-0038	300	2.30
S0203-SS04	1-1/2"	4'	14"	S0212-0038	300	2.34
S0203-SS05	1-1/2"	5'	14"	S0212-0038	300	2.38
S0203-SS06	1-1/2"	6'	14"	S0212-0038	300	2.42
S0203-SS10	1-1/2"	10'	14"	S0212-0038	300	2.58
S0203-SS12	1-1/2"	12'	14"	S0212-0038	300	2.66
S0203-SS16	1-1/2"	16'	14"	S0212-0038	300	2.82
S0203-SS20	1-1/2"	20'	14"	S0212-0038	300	2.98

BLUE						
S0203-SS03-B	1-1/2"	3'	14"	S0212-0038	300	2.30
S0203-SS04-B	1-1/2"	4'	14"	S0212-0038	300	2.34
S0203-SS05-B	1-1/2"	5'	14"	S0212-0038	300	2.38
S0203-SS06-B	1-1/2"	6'	14"	S0212-0038	300	2.42
S0203-SS10-B	1-1/2"	10'	14"	S0212-0038	300	2.58
S0203-SS12-B	1-1/2"	12'	14"	S0212-0038	300	2.66
S0203-SS16-B	1-1/2"	16'	14"	S0212-0038	300	2.82
S0203-SS20-B	1-1/2"	20'	14"	S0212-0038	300	2.98

NOTE:
INFORMATION ON SO203-HD38 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO212-0038 "S" WEB HOOKS SEE PAGE 103.

BLACK						
S0204-SS03	2"	3'	17"	S0212-0050	400	3.60
S0204-SS04	2"	4'	17"	S0212-0050	400	3.66
S0204-SS05	2"	5'	17"	S0212-0050	400	3.72
S0204-SS06	2"	6'	17"	S0212-0050	400	3.78
S0204-SS10	2"	10'	17"	S0212-0050	400	4.01
S0204-SS12	2"	12'	17"	S0212-0050	400	4.13
S0204-SS16	2"	16'	17"	S0212-0050	400	4.37
S0204-SS20	2"	20'	17"	S0212-0050	400	4.61

BLUE						
S0204-SS03-B	2"	3'	17"	S0212-0050	400	3.60
S0204-SS04-B	2"	4'	17"	S0212-0050	400	3.66
S0204-SS05-B	2"	5'	17"	S0212-0050	400	3.72
S0204-SS06-B	2"	6'	17"	S0212-0050	400	3.78
S0204-SS10-B	2"	10'	17"	S0212-0050	400	4.01
S0204-SS12-B	2"	12'	17"	S0212-0050	400	4.13
S0204-SS16-B	2"	16'	17"	S0212-0050	400	4.37
S0204-SS20-B	2"	20'	17"	S0212-0050	400	4.61

NOTE:
INFORMATION ON SO204-HD50 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO212-0050 "S" WEB HOOKS SEE PAGE 103.

ITEM WEBBING LENGTH LENGTH HOOKS WLL WT

	(width)	(overall)	(fixed end)	(part #)	(lb)	(lb)
BLACK						
S0201-FH03	1"	3'	12"	S0210-0025	350	0.62
S0201-FH04	1"	4'	12"	S0210-0025	350	0.65
S0201-FH05	1"	5'	12"	S0210-0025	350	0.68
S0201-FH06	1"	6'	12"	S0210-0025	350	0.71
S0201-FH10	1"	10'	12"	S0210-0025	350	0.81
S0201-FH12	1"	12'	12"	S0210-0025	350	0.87
S0201-FH16	1"	16'	12"	S0210-0025	350	0.99
S0201-FH20	1"	20'	12"	S0210-0025	350	1.11

BLUE						
S0201-FH03-B	1"	3'	12"	S0210-0025	350	0.62
S0201-FH04-B	1"	4'	12"	S0210-0025	350	0.65
S0201-FH05-B	1"	5'	12"	S0210-0025	350	0.68
S0201-FH06-B	1"	6'	12"	S0210-0025	350	0.71
S0201-FH10-B	1"	10'	12"	S0210-0025	350	0.81
S0201-FH12-B	1"	12'	12"	S0210-0025	350	0.87
S0201-FH16-B	1"	16'	12"	S0210-0025	350	0.99
S0201-FH20-B	1"	20'	12"	S0210-0025	350	1.11

NOTE:
INFORMATION ON SO201-0025 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO210-0025 FLAT WEB HOOKS SEE PAGE 103.

BLACK						
S0203-FH03	1-1/2"	3'	14"	S0210-0038	1,000	2.66
S0203-FH04	1-1/2"	4'	14"	S0210-0038	1,000	2.70
S0203-FH05	1-1/2"	5'	14"	S0210-0038	1,000	2.74
S0203-FH06	1-1/2"	6'	14"	S0210-0038	1,000	2.78
S0203-FH10	1-1/2"	10'	14"	S0210-0038	1,000	2.94
S0203-FH12	1-1/2"	12'	14"	S0210-0038	1,000	3.02
S0203-FH16	1-1/2"	16'	14"	S0210-0038	1,000	3.18
S0203-FH20	1-1/2"	20'	14"	S0210-0038	1,000	3.34

BLUE						
S0203-FH03-B	1-1/2"	3'	14"	S0210-0038	1,000	2.66
S0203-FH04-B	1-1/2"	4'	14"	S0210-0038	1,000	2.70
S0203-FH05-B	1-1/2"	5'	14"	S0210-0038	1,000	2.74
S0203-FH06-B	1-1/2"	6'	14"	S0210-0038	1,000	2.78
S0203-FH10-B	1-1/2"	10'	14"	S0210-0038	1,000	2.94
S0203-FH12-B	1-1/2"	12'	14"	S0210-0038	1,000	3.02
S0203-FH16-B	1-1/2"	16'	14"	S0210-0038	1,000	3.18
S0203-FH20-B	1-1/2"	20'	14"	S0210-0038	1,000	3.34

NOTE:
INFORMATION ON SO203-HD38 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO210-0038 FLAT WEB HOOKS SEE PAGE 103.

BLACK						
S0204-FH03	2"	3'	17"	S0210-0050	1,500	3.54
S0204-FH04	2"	4'	17"	S0210-0050	1,500	3.60
S0204-FH05	2"	5'	17"	S0210-0050	1,500	3.66
S0204-FH06	2"	6'	17"	S0210-0050	1,500	3.72
S0204-FH10	2"	10'	17"	S0210-0050	1,500	3.95
S0204-FH12	2"	12'	17"	S0210-0050	1,500	4.07
S0204-FH16	2"	16'	17"	S0210-0050	1,500	4.31
S0204-FH20	2"	20'	17"	S0210-0050	1,500	4.55

BLUE						
S0204-FH03-B	2"	3'	17"	S0210-0050	1,500	3.54
S0204-FH04-B	2"	4'	17"	S0210-0050	1,500	3.60
S0204-FH05-B	2"	5'	17"	S0210-0050	1,500	3.66
S0204-FH06-B	2"	6'	17"	S0210-0050	1,500	3.72
S0204-FH10-B	2"	10'	17"	S0210-0050	1,500	3.95
S0204-FH12-B	2"	12'	17"	S0210-0050	1,500	4.07
S0204-FH16-B	2"	16'	17"	S0210-0050	1,500	4.31
S0204-FH20-B	2"	20'	17"	S0210-0050	1,500	4.55

NOTE:
INFORMATION ON SO204-HD50 RATCHET BUCKLE CAN BE FOUND ON PAGE 102. FOR INFORMATION ON SO210-0050 FLAT WEB HOOKS SEE PAGE 103.

WEBBING HARDWARE

WEBBING HARDWARE

OVER-CENTER ASSEMBLY W/ CLIPS 304 AND 316 STAINLESS STEEL & WEBBING



ITEM	WEBBING	LENGTH	LENGTH	CLIPS	WLL	WT
	(width)	(overall)	(fixed end)	(part #)	(lb)	(lb)
BLACK						
S0207-0325	1"	3'	12"	S0172-0080	300	0.55
S0207-0425	1"	4'	12"	S0172-0080	300	0.58
S0207-0525	1"	5'	12"	S0172-0080	300	0.61
S0207-0625	1"	6'	12"	S0172-0080	300	0.64
S0207-1025	1"	10'	12"	S0172-0080	300	0.75
S0207-1225	1"	12'	12"	S0172-0080	300	0.81
S0207-1625	1"	16'	12"	S0172-0080	300	0.93
S0207-2025	1"	20'	12"	S0172-0080	300	1.05
BLUE						
S0207-0325-B	1"	3'	12"	S0172-0080	300	0.55
S0207-0425-B	1"	4'	12"	S0172-0080	300	0.58
S0207-0525-B	1"	5'	12"	S0172-0080	300	0.61
S0207-0625-B	1"	6'	12"	S0172-0080	300	0.64
S0207-1025-B	1"	10'	12"	S0172-0080	300	0.75
S0207-1225-B	1"	12'	12"	S0172-0080	300	0.81
S0207-1625-B	1"	16'	12"	S0172-0080	300	0.93
S0207-2025-B	1"	20'	12"	S0172-0080	300	1.05
BLACK						
S0207-0350	2"	3'	17"	S0172-0120	600	2.24
S0207-0450	2"	4'	17"	S0172-0120	600	2.28
S0207-0550	2"	5'	17"	S0172-0120	600	2.32
S0207-0650	2"	6'	17"	S0172-0120	600	2.36
S0207-1050	2"	10'	17"	S0172-0120	600	2.53
S0207-1250	2"	12'	17"	S0172-0120	600	2.61
S0207-1650	2"	16'	17"	S0172-0120	600	2.77
S0207-2050	2"	20'	17"	S0172-0120	600	2.93
BLUE						
S0207-0350-B	2"	3'	17"	S0172-0120	600	2.24
S0207-0450-B	2"	4'	17"	S0172-0120	600	2.28
S0207-0550-B	2"	5'	17"	S0172-0120	600	2.32
S0207-0650-B	2"	6'	17"	S0172-0120	600	2.36
S0207-1050-B	2"	10'	17"	S0172-0120	600	2.53
S0207-1250-B	2"	12'	17"	S0172-0120	600	2.61
S0207-1650-B	2"	16'	17"	S0172-0120	600	2.77
S0207-2050-B	2"	20'	17"	S0172-0120	600	2.93

NOTE:
INFORMATION ON S0207-0050 OVER-CENTER BUCKLE,
PAGE 102 AND S0172-0120 HARNESS CLIPS, PAGE 60.



HANGING or STRAP KIT #1 304 and 316 STAINLESS STEEL & WEBBING



ITEM	WEBBING	LENGTH	CLIP	WLL	WT
	(width)	(overall)	(part #)	(lb)	(lb)
S0236-0000	1"	48"	S0220-0025	70	0.20

NOTE:
THIS KIT INCLUDES 48" OF 1" WEBBING WITH A BIMINI
CLIP, ONE FIXED THREADING PLATE FOR ADJUSTMENT
AND A WELDED "D" RING. SEE PAGE 104 FOR BIMINI CLIP
PART S0220-0025 AND THREADED PLATE S0215-0025.



HANGING or STRAP KIT #2 304 and 316 STAINLESS STEEL & WEBBING



ITEM	WEBBING	LENGTH	CLIP	WLL	WT
	(width)	(overall)	(part #)	(lb)	(lb)
S0236-0001	1"	48"	S0221-0025	130	0.24

NOTE:
THIS KIT INCLUDES 48" OF 1" WEBBING WITH A SWIVEL
CLIP, ONE FIXED THREADING PLATE FOR ADJUSTMENT
AND A WELDED "D" RING. SEE PAGE 104 FOR SWIVEL CLIP
PART S0221-0025 AND THREADED PLATE S0215-0025.



HANGING or STRAP KIT #3 304 and 316 STAINLESS STEEL & WEBBING



ITEM	WEBBING	LENGTH	CLIP	WLL	WT
	(width)	(overall)	(part #)	(lb)	(lb)
S0236-0002	1"	48"	S0221-0025	130	0.26

NOTE:
THIS KIT INCLUDES 48" OF 1" WEBBING WITH
A SWIVEL CLIP AND THE STAR ADJUSTER.
SEE PAGE 105 FOR STAR ADJUSTER S0217-0025
AND PAGE 104 FOR THREADING PLATE S0215-0025.



COVER TIE-DOWN KIT 316 STAINLESS STEEL & WEBBING



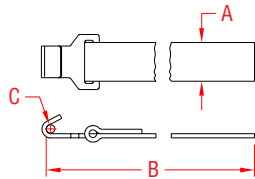
ITEM	WEBBING LENGTH (width)	HOOKS (overall)	WLL (lb)	WT (lb)	
S0280-0004	1"	4'	S0212-0025	170	0.48
S0280-0008	1"	8'	S0212-0025	170	0.64
S0280-0012	1"	12'	S0212-0025	170	0.80
S0280-0016	1"	16'	S0212-0025	170	0.96

NOTE:
TOTAL STRAP LENGTH IS DIVIDED INTO TWO STRAPS
WITH A WELDED "S" HOOK ON THE END OF EACH.

WEBBING WITH FLAT HOOK



304 STAINLESS STEEL & WEBBING



ITEM	A (width)	B (length)	C	WLL (lb)	WT (lb)
S0233-0002	1"	24"	0.25"	350	0.12
S0233-0005	1"	60"	0.25"	350	0.24

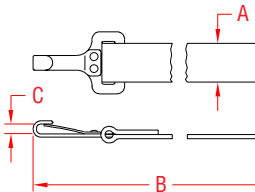
NOTE:
OTHER WEBBING LENGTHS ARE AVAILABLE ON SPECIAL ORDER.
WEBBING IS HIGH QUALITY NYLON. FLAT HOOKS ARE ITEM
S0210-0025. FOR MORE SPECIFICATIONS, SEE PRODUCT ON PAGE 103.



WEBBING WITH BIMINI CLIP



304 STAINLESS STEEL & WEBBING



ITEM	A (width)	B (length)	C	WLL (lb)	WT (lb)
S0234-0004	1"	48"	0.20"	70	0.13

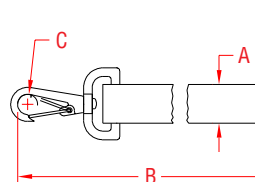
NOTE:
OTHER WEBBING LENGTHS ARE AVAILABLE ON SPECIAL ORDER.
WEBBING IS HIGH QUALITY NYLON. BIMINI HOOKS ARE ITEM
S0220-0025. FOR MORE SPECIFICATIONS, SEE PRODUCT ON PAGE 104.



WEBBING WITH SWIVEL CLIP



304 STAINLESS STEEL & WEBBING



ITEM	A (width)	B (length)	C	WLL (lb)	WT (lb)
S0235-0004	1"	48"	0.41"	130	0.18

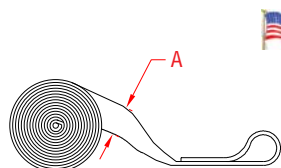
NOTE:
OTHER WEBBING LENGTHS ARE AVAILABLE ON SPECIAL ORDER.
WEBBING IS HIGH QUALITY NYLON. SWIVEL HOOKS ARE ITEM
S0221-0025. FOR MORE SPECIFICATIONS, SEE PRODUCT ON PAGE 104.



WEBBING WITH SEWN LOOP



WEBBING



ITEM	A	LENGTH	WLL (lb)	WT (lb)
S0232-0002	1"	24"	1,000	0.08
S0232-0003	1"	36"	1,000	0.12
S0232-0004	1"	48"	1,000	0.16

NOTE:
OTHER WEBBING LENGTH OR WIDTH COMBINATIONS ARE AVAILABLE
ON SPECIAL ORDER. WEBBING IS HIGH QUALITY NYLON.

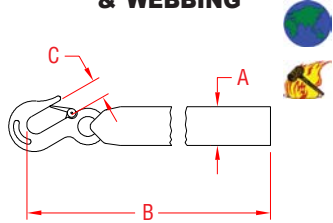


WEBBING HARDWARE

WEBBING AND HOOK




**316 STAINLESS STEEL
& WEBBING**



ITEM	A	B	C	HOOK	WLL	WT
S0270-2050	2"	20 FT.	0.70"	S0454-0008	(lb) 1,600	(lb) 1.25

NOTE:
THIS ASSEMBLY IS OFFERED AS A REPLACEMENT OR AN UPGRADE FOR WINCHES USING WEBBING AND HOOK COMBINATIONS. OTHER LENGTHS OF WEBBING ARE AVAILABLE ON SPECIAL ORDER.
WEBBING IS HIGH QUALITY NYLON. HOOK (S0454-0008 ON PAGE 56) IS FORGED STAINLESS STEEL.



TRAILER WINCH

304 / 410 STAINLESS STEEL



ITEM	LENGTH	WIDTH	HEIGHT	WLL	WT
C0270-0001	(size) 7.25"	4.25"	6.00"	(lb) 1,200	(lb) 5.60
C0270-2001	WINCH WITH STRAP AND HOOK				6.89

NOTE:
RATCHET LEVER CAN BE SET TO FORWARD, NEUTRAL OR REVERSE. MEASURED WITHOUT HANDLE INSTALLED.
WINCH AS ABOVE WITH WEBBING AND HOOK INCLUDED. ASSEMBLY IS WINCH, AN INSTALLED 20' WEB STRAP AND A FORGED EYE HOOK. REPLACEMENT STRAPS SOLD SEPARATELY: S0270-2050.

RATCHET BUCKLE

304 STAINLESS STEEL



ITEM	WEBBING WIDTH	LENGTH	HEIGHT	WLL	WT	
S0201-0025	(width) 1"	1.50"	4.53"	1.57"	(lb) 350	(lb) 0.45
S0203-HD38	1-1/2"	2.48"	5.87"	2.36"	1,320	1.60
S0204-HD50	2"	3.00"	6.54"	2.44"	1,670	2.18

NOTE:
HEAVY DUTY
EACH RATCHET BUCKLE CHANGES IN APPEARANCE. THE HANDLE GETS BIGGER AS THE SIZE INCREASES. RATCHET BUCKLES HAVE DUAL LOCKS.
HD MODELS ALSO FEATURE PATENTED "HANDLE DOWN" LOCK. RATCHET BUCKLES OFFER THE TIGHTEST GRIP AND THE EASIEST ADJUSTMENT.

OVER-CENTER BUCKLE

304 STAINLESS STEEL

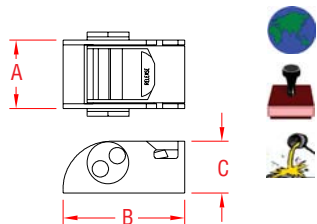


ITEM	WEBBING WIDTH	LENGTH	HEIGHT	WLL	WT	
S0207-0025	1"	1.39"	3.69"	0.74"	(lb) 300	(lb) 0.14
S0207-0050	2"	2.45"	7.16"	1.06"	600	0.57

NOTE:
GOOD GRIP. COMES WITH THREADING DIRECTIONS.
S0207-0050 OVER-CENTER BUCKLE CAN BE SURFACE MOUNTED.

MINI OVER-CENTER BUCKLE

304 STAINLESS STEEL



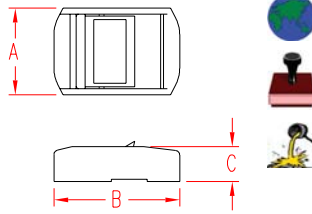
ITEM	WEBBING	A	B	C	WLL	WT
S0207-0026	1"	(width) 1.43"	(length) 2.56"	(height) 1.06"	(lb) 400	(lb) 0.33

NOTE:
MOST COMPACT STAINLESS OVER-CENTER BUCKLE AVAILABLE ON THE MARKET. IDEAL FOR BOAT COVER TIE-DOWNS AND MANY OTHER USES.

CAM BUCKLE



316 STAINLESS STEEL



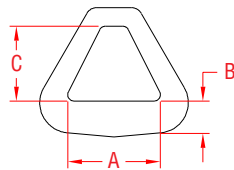
ITEM	WEBBING	A	B	C	WLL	WT
		(width)	(length)	(height)	(lb)	(lb)
S0205-0025	1"	1.19"	1.74"	0.48"	100	0.10

NOTE:
CAM BUCKLE USED FOR LIGHT-DUTY WEBBING APPLICATIONS.

DELTA OR HARNESS LINK



304 STAINLESS STEEL



ITEM	A	B	C	WLL	WT
	(size)			(lb)	(lb)
S0213-0050	2"	0.55"	1.90"	1,200	0.21

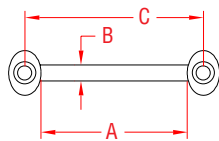
NOTE:
MATERIAL THICKNESS IS 0.20"

WORKING LOADS ARE BASED ON "A" LENGTH BEING USED IN FULL AND NOT UNDER POINT OR SHOCK LOAD.

FOOTMAN'S LOOP




316 STAINLESS STEEL



ITEM	A	B	C	FAST.	WLL	WT
	(size)				(lb)	(lb)
S0224-0025	1"	0.24"	1.48"	#8 Screws	400	0.04
S0224-0050	2"	0.24"	2.48"	#8 Screws	400	0.05

NOTE:
CAN BE USED HORIZONTALLY OR VERTICALLY. PATENTED, "NO SNAG" DESIGN. USE FLAT HOOK S0210-0025 TO ATTACH WEBBING OR SLIP THE WEBBING WITH SEWN LOOP (S0232-SERIES, PAGE 101) OVER THE FITTING BEFORE TIGHTENING ATTACHMENT.

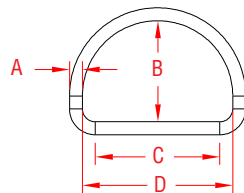
REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.



"D" RING



316 STAINLESS STEEL



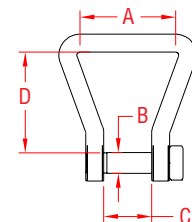
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0139-X325	1/8"	0.88"	1.00"	1.25"	100	0.01
S0139-X525	3/16"	1.06"	1.00"	1.38"	300	0.04
S0139-X540	3/16"	1.31"	1.50"	1.88"	300	0.05
S0139-X625	1/4"	1.25"	1.00"	1.50"	500	0.06
S0139-X640	1/4"	1.50"	1.50"	2.00"	500	0.08
S0139-X650	1/4"	1.75"	2.00"	2.50"	500	0.10
S0139-X850	5/16"	1.94"	2.00"	2.62"	800	0.18
S0139-X865	5/16"	2.19"	2.50"	3.12"	800	0.22
S0139-X875	5/16"	2.44"	3.00"	3.62"	800	0.24

NOTE:
WORKING LOADS ARE BASED ON "C" LENGTH BEING USED IN FULL BY WEBBING, AND NOT UNDER POINT OR SHOCK LOAD.

WEBBING SHACKLE





316 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0231-0025	1"	0.19"	0.33"	1.14"	200	0.03

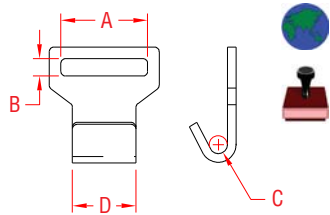
NOTE:
PATENTED "NO SNAG" DESIGN. CAN BE USED IN COMBINATION WITH WALL CLIP S0230-0000 ON PAGE 105; PIN FITS THROUGH HOLE IN CLIP. USE WITH FLAT WEB HOOK (SHOWN BELOW) OR WITH WEBBING WITH SEWN LOOP (S0232-SERIES) ON PAGE 101. COMPATIBLE WITH SWIVEL PAD EYE.

WEBBING HARDWARE

FLAT WEB HOOK

304 STAINLESS STEEL

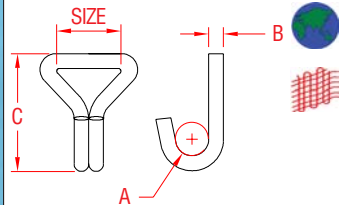


ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
S0210-0025	1"	1.24"	0.13"	0.25"	0.94"	350	0.04
S0210-0038	1-1/2"	1.56"	0.28"	0.63"	1.70"	1,000	0.44
S0210-0050	2"	1.97"	0.30"	0.63"	1.70"	1,500	0.43

NOTE:
USE TO ATTACH TO TRAILER FRAME OR S0210-0025 TO FOOTMAN'S LOOP (S0224-SERIES) ON PAGE 103.

DOUBLE "J" WEB HOOK

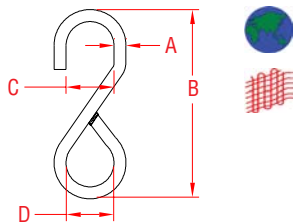
304 STAINLESS STEEL



ITEM	SIZE	A	B	C	WLL	WT
					(lb)	(lb)
S0211-0025	1"	0.78"	0.27"	2.77"	400	0.15
S0211-0038	1-1/2"	0.78"	0.38"	3.44"	1,000	0.40
S0211-0050	2"	0.78"	0.38"	3.44"	1,500	0.41

WELDED "S" WEB HOOK

316 STAINLESS STEEL

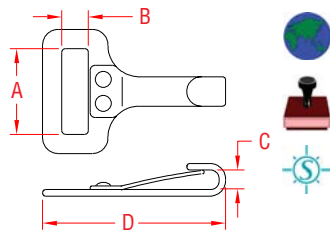


ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
S0212-0025	1"	0.25"	3.50"	1.00"	1.00"	200	0.12
S0212-0038	1-1/2"	0.31"	4.50"	1.50"	1.50"	300	0.22
S0212-0050	2"	0.38"	6.18"	2.00"	2.00"	400	0.46

NOTE:
QUALITY "S" HOOK IS WELDED TO PREVENT WEBBING FROM SLIPPING THROUGH. BULK ORDERS OF OTHER SIZES OR TYPES MAY BE PLACED ON SPECIAL ORDER.

FIXED BIMINI CLIP

304 STAINLESS STEEL



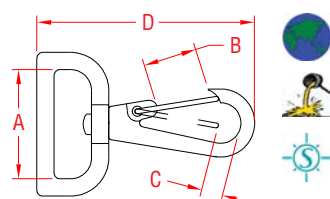
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0220-0025	1"	0.23"	0.20"	1.94"	70	0.03

NOTE:
SEE COMBINATIONS ON PAGE 100 AND 101 FOR READY-MADE ASSEMBLIES.



SWIVEL WEB CLIP

304 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0221-0025	1"	0.63"	0.32"	2.56"	130	0.07
S0221-0038	1-1/2"	0.63"	0.32"	2.63"	130	0.08
S0221-0050	2"	0.63"	0.32"	2.71"	130	0.10

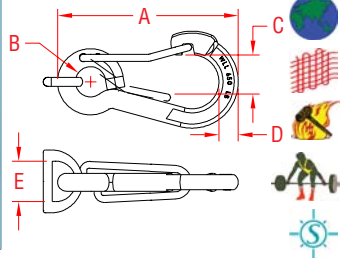
NOTE:
NEW "SLIMLINE" BAIL FOR WEBBING. SPECIAL TORSION SPRING GATE FOR LONGER LIFE. COMBINATION POSSIBLE WITH STAR ADJUSTER™ (S0217-0025, PAGE 105).

SEE COMBINATIONS ON PAGE 100 AND 101 FOR READY-MADE ASSEMBLIES.



HARNESS CLIP WITH D RING

316 STAINLESS STEEL



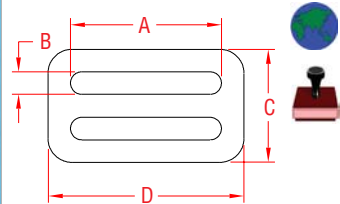
ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S0223-8025	3-1/4"	0.52"	0.56"	0.31"	1.00"	650	0.20

NOTE:
"D" RING IS FORGED, AND CLIPS ARE FORMED WITH FORGED END AND STAMPED WITH WLL.



FIXED THREADING PLATE

304 STAINLESS STEEL

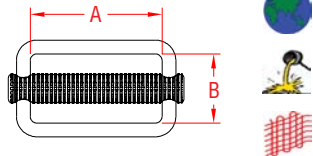


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0215-0025	1"	0.15"	0.95"	1.38"	150	0.03
S0215-0038	1-1/2"	0.24"	1.18"	2.04"	200	0.05
S0215-0050	2"	0.25"	1.25"	2.50"	250	0.07
S0215-L050	2"	0.17"	0.87"	2.36"	100	0.04

NOTE:
HIGH QUALITY THREADING PLATE MADE FROM THICK STAINLESS PLATE.
L050 IS NARROW TYPE PLATE (NOT SHOWN) FOR LIGHTER DUTY.

ADJUSTABLE SLIDE

304 STAINLESS STEEL

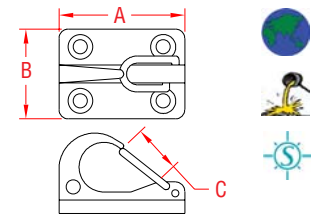


ITEM	A	B	WLL	WT
	(size)		(lb)	(lb)
S0216-0025	1"	0.76"	350	0.05
S0216-0045	1-3/4"	0.97"	400	0.12
S0216-0050	2"	0.90"	500	0.14

NOTE:
FEATURES KNURLED BAR, FREE SLIDING FROM SIDE TO SIDE INSIDE A HIGH QUALITY, WELDED RECTANGLE. SEW WEBBING ON WELDED SIDE AND USE OTHER SIDE FOR ADJUSTMENT.

WALL OR CEILING CLIP

316 STAINLESS STEEL



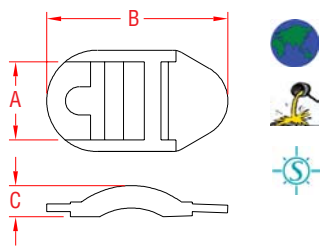
ITEM	A	B	C	FAST.	WLL	WT
	(length)				(lb)	(lb)
S0230-0000	1.77"	1.25"	0.26"	# 10 Screws	350	0.14

NOTE:
HAS SPECIAL HOLE TO ALLOW COMBINATION WITH WEBBING SHACKLE (S0231-0025) ON PAGE 103. CLIP CAN ALSO BE USED WITH OTHER TIE-DOWN COMPONENTS TO SECURE LARGER OBJECTS SUCH AS HOSES, ROPES, CANOES, ETC.
SEE RATCHET BUCKLES AND OUR LINE OF WEBBING/TIE-DOWN HARDWARE IN THIS SECTION.
REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.



STAR ADJUSTER™

316 STAINLESS STEEL



ITEM	A	B	C	WLL	WT
	(size)		(height)	(lb)	(lb)
S0217-0025	1"	2.41"	0.42"	500	0.09

NOTE:
HIGHEST QUALITY ADJUSTER FEATURES TEETH ON BACK TO SECURELY HOLD WEBBING. ROUND RECESS WILL ACCEPT SWIVEL WEB CLIP S0221-0025, PAGE 104.
FOR READY-MADE ASSEMBLY, SEE ITEM C0237-0000 BELOW.



WEBBING HARDWARE

WEBBING HARDWARE

DOUBLE JACKLINE W/ CLIP



316 STAINLESS STEEL & WEBBING

KIT INCLUDES:

- 1 - Heavy-Duty Harness Clip
- 2 - Lengths of Webbing



ITEM	LENGTH	WEBBING	CLIP	WLL	WT
		(width)	(part #)	(lb)	(lb)
BLUE JACKLINE - NYLON TUBULAR WEBBING					
C0240-0035-B	35'	1"	S0172-0100	1,200	2.65
C0240-0045-B	45'	1"	S0172-0100	1,200	2.86
C0240-0055-B	55'	1"	S0172-0100	1,200	3.07
NOTE: SUNCOR'S NEW JACKLINE KIT COMBINES THE STRENGTH OF OUR HIGH QUALITY TUBULAR WEBBING WITH THE DURABILITY OF OUR 316 STAINLESS STEEL HEAVY DUTY HARNESS CLIPS. FOR MORE INFORMATION ON THE S0172-0100 HARNESS CLIPS, REFER TO PAGE 60.					

DOUBLE JACKLINE W/ CLIP



316 STAINLESS STEEL & WEBBING

KIT INCLUDES:

- 1 - Heavy-Duty Harness Clip
- 2 - Lengths of Webbing



ITEM	LENGTH	WEBBING	CLIP	WLL	WT
		(width)	(part #)	(lb)	(lb)
ORANGE JACKLINE - NYLON WEBBING					
C0240-0035-O	35'	1"	S0172-0100	1,200	3.79
C0240-0045-O	45'	1"	S0172-0100	1,200	4.79
C0240-0055-O	55'	1"	S0172-0100	1,200	5.79
NOTE: SUNCOR'S NEW JACKLINE KIT COMBINES THE STRENGTH OF OUR HIGH QUALITY WEBBING WITH THE DURABILITY OF OUR 316 STAINLESS STEEL HEAVY DUTY HARNESS CLIPS. FOR MORE INFORMATION ON THE S0172-0100 HARNESS CLIPS, REFER TO PAGE 60.					

SINGLE JACKLINE W/ CLIP



316 STAINLESS STEEL & WEBBING

KIT INCLUDES:

- 1 - Heavy-Duty Harness Clip
- 1 - Length of Webbing



ITEM	LENGTH	WEBBING	CLIP	WLL	WT
		(width)	(part #)	(lb)	(lb)
BLUE JACKLINE - NYLON TUBULAR WEBBING					
C0240-0035-H-B	35'	1"	S0172-0100	1,200	1.48
C0240-0045-H-B	45'	1"	S0172-0100	1,200	1.58
C0240-0055-H-B	55'	1"	S0172-0100	1,200	1.69
NOTE: SUNCOR'S NEW JACKLINE KIT COMBINES THE STRENGTH OF OUR HIGH QUALITY TUBULAR WEBBING WITH THE DURABILITY OF OUR 316 STAINLESS STEEL HEAVY DUTY HARNESS CLIPS. FOR MORE INFORMATION ON THE S0172-0100 HARNESS CLIPS, REFER TO PAGE 60.					

SINGLE JACKLINE W/ CLIP



316 STAINLESS STEEL & WEBBING

KIT INCLUDES:

- 1 - Heavy-Duty Harness Clip
- 1 - Length of Webbing



ITEM	LENGTH	WEBBING	CLIP	WLL	WT
		(width)	(part #)	(lb)	(lb)
ORANGE JACKLINE - NYLON WEBBING					
C0240-0035-H-O	35'	1"	S0172-0100	1,200	2.05
C0240-0045-H-O	45'	1"	S0172-0100	1,200	2.55
C0240-0055-H-O	55'	1"	S0172-0100	1,200	3.05
NOTE: SUNCOR'S NEW JACKLINE KIT COMBINES THE STRENGTH OF OUR HIGH QUALITY WEBBING WITH THE DURABILITY OF OUR 316 STAINLESS STEEL HEAVY DUTY HARNESS CLIPS. FOR MORE INFORMATION ON THE S0172-0100 HARNESS CLIPS, REFER TO PAGE 60.					

SINGLE JACKLINE W/ LOOP WEBBING



KIT INCLUDES:

- 1 - Length of Webbing with Sewn Loop



ITEM	LENGTH	WEBBING	WLL	WT
		(width)	(lb)	(lb)
BLUE JACKLINE - NYLON TUBULAR WEBBING				
C0240-0035-L-B	35'	1"	1,200	1.19
C0240-0045-L-B	45'	1"	1,200	1.29
C0240-0055-L-B	55'	1"	1,200	1.40
NOTE: SUNCOR'S NEW JACKLINE KIT FEATURES BLUE NYLON TUBULAR WEBBING WITH A SEWN LOOP IN A VARIETY OF LENGTHS. KITS ARE SUPPLIED IN A DURABLE CARRYING CASE, PERFECT FOR STOWING SUPPLIES AND TOOLS.				

SINGLE JACKLINE W/ LOOP



WEBBING

KIT INCLUDES:

1 - Length of Webbing with Sewn Loop



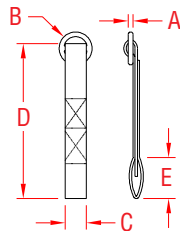
ITEM	LENGTH	WEBBING (width)	WLL (lb)	WT (lb)
ORANGE JACKLINE - NYLON WEBBING				
C0240-0035-L-O	35'	1"	1,200	1.77
C0240-0045-L-O	45'	1"	1,200	2.27
C0240-0055-L-O	55'	1"	1,200	2.77

NOTE:
SUNCOR'S NEW JACKLINE KIT FEATURES SAFETY ORANGE NYLON WEBBING WITH A SEWN LOOP IN A VARIETY OF LENGTHS. KITS ARE SUPPLIED IN A DURABLE CARRYING CASE, PERFECT FOR STOWING SUPPLIES AND TOOLS.

SKI TOW TIE-DOWN



316 STAINLESS STEEL & WEBBING



ITEM	COLOR	A	B	C	D	E	WT (lb)
S0238-BK06	BLACK	0.19"	1.38"	1.00"	7.00"	2.00"	0.08
S0238-WH06	WHITE	0.19"	1.38"	1.00"	7.00"	2.00"	0.11
S0238-OR06	ORANGE	0.19"	1.38"	1.00"	7.00"	2.00"	0.11
S0238-BL06	BLUE	0.19"	1.38"	1.00"	7.00"	2.00"	0.08

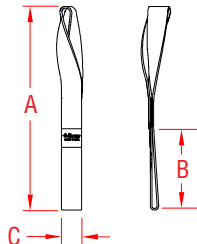
NOTE:
DESIGNED FOR SECURING JET SKIS WITH BOW AND TRANSOM EYES TO TRAILER. INSERT THE WEBBING END THROUGH EYE PROVIDING A LOOP TO CLIP YOUR TIE-DOWNS TO. SEWN-IN STAINLESS RING SITS FLUSH ON TOP OF EYES.



STRAP-IT



WEBBING



ITEM	A (size)	B	C	WLL (lb)	WT (lb)
S0239-0001	10"	4.00"	1.00"	1,000	0.05
S0239-0002	13"	5.50"	1.00"	1,000	0.07
S0239-0003	16"	7.00"	1.00"	1,000	0.08

NOTE:
ADD A STRAP-IT WHEN A POINT OF ATTACHMENT IS NEEDED. QUICK AND EASY TO INSTALL. A SIMPLE WAY OF PROVIDING A LOOP TO CLIP ONTO, WHILE SECURING YOUR GEAR OR YOUR SAFETY. WEBBING PROTECTS THE OBJECT THAT IT IS WRAPPED AROUND FROM SCRATCHING.



TIDY STRAP 316 STAINLESS STEEL & WEBBING



ITEM	A (size)	B (length)	WLL (lb)	WT (lb)
S0237-0000-C	1"	48"	350	0.38

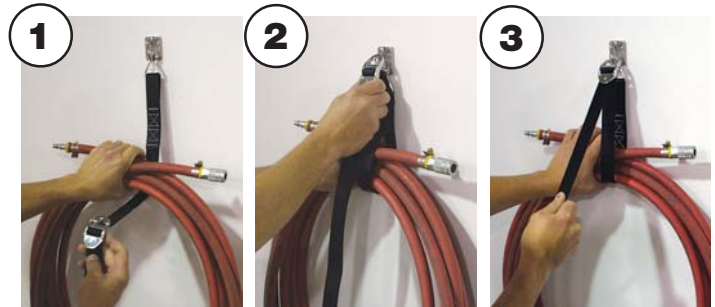
NOTE:
END OF WEBBING IS SECURED TO WALL & CEILING CLIP (S0230-0000, PAGE 105) USING SUNCOR'S WEBBING SHACKLE (S0231-0025, PAGE 103).

ASSEMBLY UTILIZES HIGHEST QUALITY ADJUSTER (PAGE 105), WHICH FEATURES TEETH ON BACK TO SECURELY HOLD WEBBING. ADJUSTER CLIPS INTO THE WALL & CEILING CLIP ABOVE. WLL IS FOR ASSEMBLY ONLY AND EXCLUDES FASTENERS.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.



3 Easy Steps



1 Loop Around

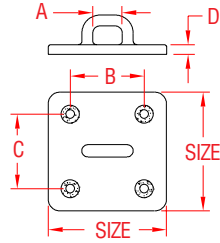
2 Clip

3 Pull

HEAVY DUTY SQUARE PAD EYE



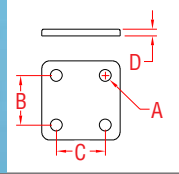
316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	WLL	WT
S3704-0000	3"	0.94"	2.00"	2.00"	0.25"	(lb) 3,000	(lb) 0.66
HD SQUARE BACKPLATE (304 STAINLESS STEEL)							
S3704-0001	3"	1/4"	2.00"	2.00"	0.10"	N/A	0.28

NOTE:
HEAVY DUTY, ONE PIECE PRECISION CASTING, WITHOUT WELDS. FOR MAXIMUM LOAD DISTRIBUTION USE HD BACKPLATE. USE 1/4" FASTENERS.

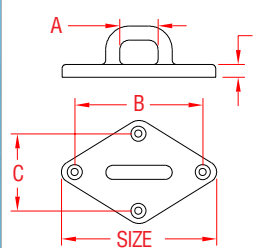
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



HEAVY DUTY DIAMOND PAD EYE



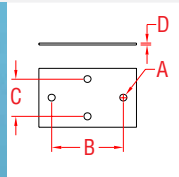
316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	WLL	FAST.	WT
S3702-0000	3-1/4" (length)	0.76"	2.37"	1.23"	0.26"	(lb) 2,000	(lb) 1/4"	(lb) 0.30
S3703-0000	4"	1.00"	3.00"	1.56"	0.28"	3,000	5/16"	0.49
HD DIAMOND BACKPLATE (304 STAINLESS STEEL)								
S3703-0001	4"	5/16"	3.00"	1.56"	0.06"			0.17

NOTE:
HEAVY DUTY, ONE PIECE PRECISION CASTING, WITHOUT WELDS. FOR MAXIMUM LOAD DISTRIBUTION USE HD BACKPLATE.

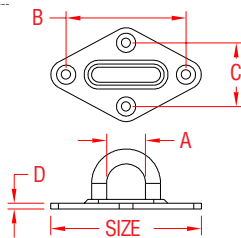
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



STAMPED DIAMOND PAD EYE



304 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	FAST.	WT
S3703-1002	3-1/4" (length)	0.97"	2.57"	1.34"	0.12"	7/32"	(lb) 0.18

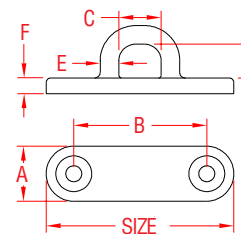
NOTE:
STAMPED AND WELDED CONSTRUCTION.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

HEAVY DUTY OBLONG PAD EYE



316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	E	F	WLL	WT
S3705-X001	3"	0.85"	2.12"	0.63"	0.53"	0.31"	0.24"	(lb) 1,000	(lb) 0.15
S3705-X002	3-1/2"	1.24"	2.65"	0.76"	0.60"	0.37"	0.26"	1,500	0.29
S3705-X003	4"	1.42"	3.04"	0.88"	0.68"	0.37"	0.28"	2,000	0.44

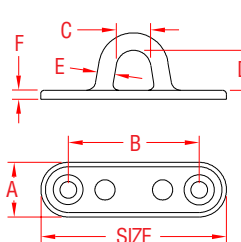
NOTE:
HEAVY DUTY ONE PIECE PRECISION CASTING WITHOUT WELDS.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

OBLONG PAD EYE



304 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	E	F	WLL	WT
S3705-0005	1-3/4" (length)	0.63"	1.50"	0.51"	0.55"	0.19"	0.14"	(lb) 450	(lb) 0.04
S3705-0006	2-1/2"	0.75"	1.80"	0.63"	0.73"	0.23"	0.14"	500	0.06
S3705-0008	3-1/4"	1.01"	2.20"	0.90"	0.84"	0.31"	0.19"	600	0.14
S3705-0010	4"	1.28"	2.50"	1.11"	0.91"	0.35"	0.20"	800	0.23

STAMPED BACKPLATE FOR S3705-SERIES PAD EYES.

S3706-0005 1-3/4"
S3706-0006 2-1/2"
S3706-0008 3-1/4"
S3706-0010 4"

NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

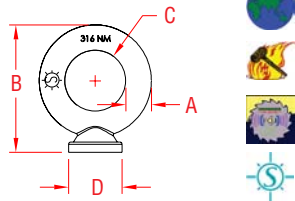


PAD EYES

PAD EYES

PAD EYE

316-NM STAINLESS STEEL

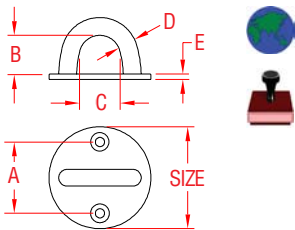


ITEM	A	B	C	D	WT
	(size)				(lb)
S0324-0005	3/16"	1.06"	0.50"	0.38"	0.04
S0324-0007	1/4"	1.31"	0.63"	0.56"	0.06
S0324-0008	5/16"	1.56"	0.75"	0.63"	0.10
S0324-0010	3/8"	2.00"	1.00"	0.86"	0.19
S0324-0013	1/2"	2.50"	1.25"	1.00"	0.38
S0324-0016	5/8"	3.25"	1.50"	1.38"	0.87
S0324-0020	3/4"	3.78"	1.75"	1.80"	1.52

NOTE:
WLL IS DEPENDENT ON QUALITY OF THE WELDING AND ATTACHED STRUCTURE. PAD EYES HAVE FORGED MARKINGS OF 316-NM AND SIZE. UNDERSIDE IS MACHINED FOR PERFECT SEATING.

ROUND PAD EYE

304 STAINLESS STEEL

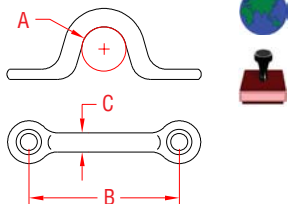


ITEM	SIZE	A	B	C	D	E	WLL	WT
	(diameter)						(lb)	(lb)
S3707-0005	1-5/16"	0.75"	0.50"	0.65"	0.19"	0.09"	480	0.05
S3707-0006	1-5/8"	0.91"	0.67"	0.78"	0.23"	0.12"	500	0.08
S3707-0008	2"	1.17"	0.86"	0.97"	0.30"	0.12"	600	0.15

NOTE:
STAMPED AND WELDED CONSTRUCTION.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156)
FOR COMPATIBLE FASTENERS.

PAD EYE

304 STAINLESS STEEL

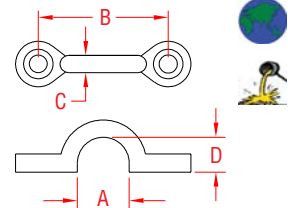


ITEM	SIZE	A	B	C	WLL	WT
	(max. diameter)				(lb)	(lb)
S3719-0004	5/32"	0.46"	1.25"	0.15"	300	0.01
S3719-0005	3/16"	0.56"	1.57"	0.19"	400	0.02
S3719-0006	1/4"	0.63"	1.75"	0.23"	500	0.03
S3719-0008	5/16"	0.63"	1.95"	0.31"	600	0.06

NOTE:
ROUND CROSS-SECTION PREVENTS CHAFE OF ROPE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156-157)
FOR COMPATIBLE FASTENERS.

HEAVY DUTY PAD EYE

316 STAINLESS STEEL

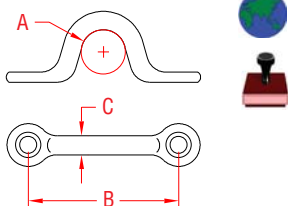


ITEM	SIZE	A	B	C	D	WLL	WT
	(max. diameter)				(lb)	(lb)	
S3719-1005	5/8"	0.63"	1.40"	0.19"	0.39"	350	0.03

NOTE:
ITEM IS CAST. ROUND BAR PREVENTS CHAFE OF ROPE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

PAD EYE

304 STAINLESS STEEL



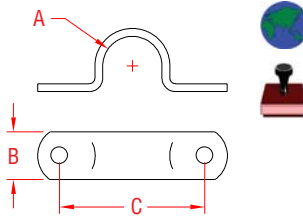
ITEM	SIZE	A	B	C	WLL	WT
	(max. diameter)				(lb)	(lb)
S3710-0010	3/8"	0.42"	1.25"	0.18"	220	0.01
S3710-0015	1/2"	0.52"	1.40"	0.25"	230	0.02
S3710-0020	3/4"	0.78"	1.70"	0.29"	350	0.03
S3710-0028	15/16"	0.93"	2.50"	0.25"	250	0.03
S3710-0032	1-1/8"	1.12"	2.62"	0.29"	400	0.05

NOTE:
SIZE IS THE MAXIMUM INSIDE DIAMETER.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156)
FOR COMPATIBLE FASTENERS.

2 HOLE EYE STRAP



304 STAINLESS STEEL



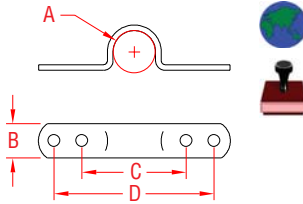
ITEM	SIZE	A	B	C	WLL	WT
					(lb)	(lb)
S3708-0010	3/8"	0.32"	0.43"	1.15"	50	0.01
S3708-0013	1/2"	0.50"	0.28"	1.27"	75	0.01
S3708-0016	5/8"	0.65"	0.50"	1.55"	100	0.02

NOTE:
SIZE IS THE MAXIMUM INSIDE DIAMETER.

4 HOLE EYE STRAP



304 STAINLESS STEEL



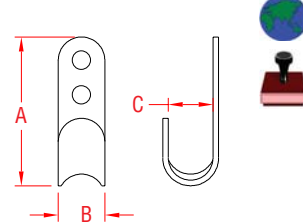
ITEM	SIZE	A	B	C	D	WLL	WT
						(lb)	(lb)
S3709-0010	3/8"	0.33"	0.43"	1.15"	2.10"	75	0.02
S3709-0013	1/2"	0.44"	0.43"	1.30"	2.24"	75	0.02
S3709-0016	5/8"	0.55"	0.43"	1.40"	2.35"	75	0.02

NOTE:
ROUNDED SADDLE PREVENTS CHAFE OF ROPE ON EDGES.
SIZE IS THE MAXIMUM INSIDE DIAMETER.

FLAT HOOK



316 STAINLESS STEEL



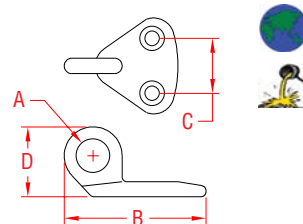
ITEM	SIZE	A	B	C	WT
					(lb)
S3715-0000	5/16"	1.62"	0.50"	0.45"	0.02

NOTE:
USE 2 #10 FASTENERS. ROUNDED SADDLE PREVENTS
CHAFE OF ROPE ON EDGES.

ANCHOR EYE



316 STAINLESS STEEL



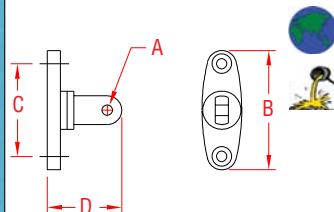
ITEM	SIZE	A	B	C	D	WT
						(lb)
S3701-0001	#1	0.40"	1.34"	0.70"	0.85"	0.05

NOTE:
USE 2 #8 FASTENERS. WORKS WITH MOST WEBBING CLIPS,
SUCH AS S0221-SERIES, S0220-0025, S0211-0025 AND "S" HOOKS.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156)
FOR COMPATIBLE FASTENERS.

ANCHOR SWIVEL EYE



316 STAINLESS STEEL



ITEM	A	B	C	D	WT
					(lb)
S3701-0002	0.26"	2.52"	1.82"	1.28"	0.16

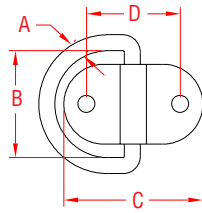
NOTE:
THIS PART IS DESIGNED TO SWIVEL 360 DEGREES AND ALLOW
180 DEGREE ALIGNMENT OF ATTACHMENT. USE 2 #8 FASTENERS.
WORKS WITH MOST WEBBING CLIPS SUCH AS S0221-SERIES,
S0220-0025, S0211-0025 AND "S" HOOKS.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156)
FOR COMPATIBLE FASTENERS.

PAD EYES

PAD EYES

FOLDING PAD EYE

316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	WLL	WT
S3711-0003	1/8"	0.13"	0.86"	0.83"	N/A	(lb) 50	(lb) 0.02
S3711-0007	1/4"	0.23"	1.52"	2.00"	1.35"	210	0.13
S3711-0008	5/16"	0.31"	1.72"	2.50"	1.48"	400	0.24

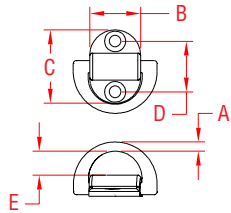
NOTE:
PART # S3711-0003 (SHOWN AT RIGHT) HAS A ONE PIECE HOLDING BODY. HOWEVER, THE LARGER SIZES HAVE A "D" RING WHICH IS SET BETWEEN A TWO PIECE HOLDING BODY, ENSURING PERFECT MOVEMENT "D" RING ON ANY SURFACE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



HEAVY DUTY FOLDING PAD EYE

316 STAINLESS STEEL



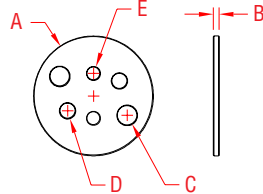
ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S3712-0001	1/4"	1.06"	1.53"	0.94"	0.50"	1,200	0.13
S3712-0002	5/16"	1.38"	1.94"	1.25"	0.69"	2,000	0.25
S3712-0003	3/8"	1.75"	2.53"	1.63"	0.84"	4,000	0.60

NOTE:
"D" RING IS FORGED 316 STAINLESS AND HOLDING PAD BODY IS PRECISION CAST 316.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

UNIVERSAL BACKPLATE

316 STAINLESS STEEL



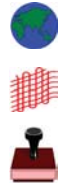
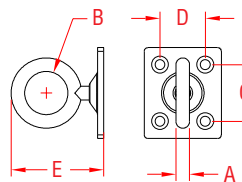
ITEM	A	B	C	D	E	WLL	WT
S3712-0005	2.50"	0.12"	3/8"	5/16"	1/4"		(lb) 0.14

NOTE:
HD UNIVERSAL BACKPLATE IS DESIGNED FOR USE WITH ANY OF THE THREE FOLDING PAD EYES LISTED ABOVE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

SWIVEL PAD EYE

304 STAINLESS STEEL



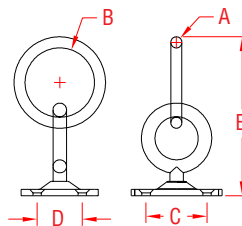
ITEM	A	B	C	D	E	WLL	WT
S3714-0005	3/16"	0.61"	0.89"	0.72"	1.29"	(lb) 200	(lb) 0.08
S3714-0006	1/4"	0.75"	1.02"	0.78"	1.57"	300	0.12
S3714-0008	5/16"	0.76"	1.38"	0.99"	1.85"	480	0.20

NOTE:
RING ROTATES 360 DEGREES. MOUNTING HOLES ARE 5/32" EXCEPT FOR S3714-0008, WHICH HAS 3/16" MOUNTING HOLES. SCREWS NOT INCLUDED.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

SWIVEL PAD EYE w/ RING

304 STAINLESS STEEL



ITEM	A	B	C	D	E	WLL	WT
S3714-R005	3/16"	1.21"	0.89"	0.72"	2.50"	(lb) 200	(lb) 0.10
S3714-R006	1/4"	1.61"	1.02"	0.78"	3.16"	300	0.18
S3714-R008	5/16"	1.98"	1.38"	0.99"	3.75"	480	0.32

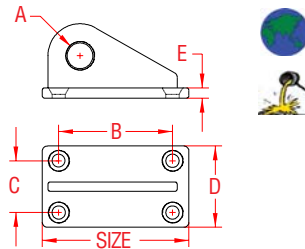
NOTE:
RING WITH LARGER RING ROTATES 360 DEGREES. MOUNTING HOLES ARE 5/32" EXCEPT FOR S3714-R008, WHICH HAS 3/16" MOUNTING HOLES. SCREWS NOT INCLUDED.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

TOW PAD EYE



316 STAINLESS STEEL

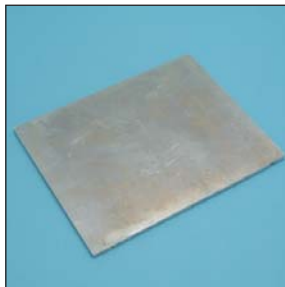


ITEM	SIZE	A	B	C	D	E	WT
S3718-0000	(length) 3"	0.62"	2.80"	1.25"	2.00"	0.26"	0.80 (lb)

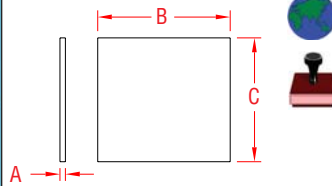
NOTE:
HEAVY DUTY PAD EYE PROVIDES A THRU-HULL BOW ATTACHMENT FOR SMALL CRAFT TOWING. BACKING PLATE SOLD WITH TOW PAD EYE FOR MAXIMUM LOAD DISTRIBUTION.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



BACKING PLATE



304 STAINLESS STEEL



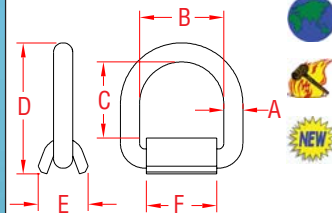
ITEM	A	B	C
S3716-1015	3/32"	4.00"	6.00"
S3716-1520	3/32"	6.00"	8.00"
S3716-2030	3/32"	8.00"	12.00"

NOTE:
USED FOR BACKING OF CLEATS, CHOCKS, ETC. UNDRILLED, CAN BE CUSTOMIZED AT ADDITIONAL CHARGE.

LASHING RING - "WELD-ON"



316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WLL	WT
	(size)						(lb)	(lb)
S3722-0013	1/2"	2.35"	2.12"	3.65"	1.38"	1.96"	*3,000	1.00
S3722-0016	5/8"	2.94"	2.55"	4.48"	1.75"	2.56"	*4,500	2.18
S3722-0020	3/4"	2.98"	2.58"	4.63"	1.89"	2.56"	*6,500	2.53
S3722-0025	1"	3.00"	2.52"	5.14"	2.14"	2.56"	*8,500	4.47

NOTE:
HEAVY DUTY LASHING RING IS DESIGNED FOR DEMANDING TIE-DOWN APPLICATIONS. "D" RING IS FORGED 316 STAINLESS STEEL AND FOLDS FLUSH WHEN NOT IN USE. FEATURES WELD-ON MOUNTING PLATE. IDEAL FOR CARGO APPLICATIONS SUCH AS OVERSEAS CONTAINER SHIPMENTS OR LONG DISTANCE HAULING IN EXPOSED ELEMENTS.

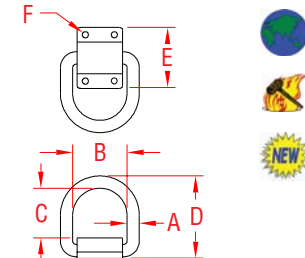
*WORKING LOAD LIMIT DEPENDS ON THE QUALITY OF THE WELD ATTACHING THE BASE.

FORGED

LASHING RING - "BOLT-ON"



316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	BOLT	WLL	WT
	(size)						(diameter)	(lb)	(lb)
S3723-0013	1/2"	2.35"	2.14"	3.56"	2.63"	0.34"	5/16"	3,000	1.18
S3723-0016	5/8"	2.94"	2.61"	4.42"	2.75"	0.41"	3/8"	4,500	2.25
S3723-0020	3/4"	2.98"	2.58"	4.56"	3.19"	0.41"	3/8"	6,500	3.00
S3723-0025	1"	3.00"	2.52"	5.17"	4.25"	0.53"	1/2"	8,500	5.18

NOTE:
HEAVY DUTY LASHING RING IS DESIGNED FOR DEMANDING TIE-DOWN APPLICATIONS. "D" RING IS FORGED 316 STAINLESS STEEL AND FOLDS FLUSH WHEN NOT IN USE. FEATURES BOLT-ON MOUNTING PLATE. IDEAL FOR CARGO APPLICATIONS SUCH AS OVERSEAS CONTAINER SHIPMENTS OR LONG DISTANCE HAULING IN EXPOSED ELEMENTS.

FORGED

S0116-HB



Hoist Anchor Base, p.93

S0116-HC



Anchor Base w/ Stud, p.93

S0116-HD



Anchor Base w/ Shackle, p.93

S0116-HF

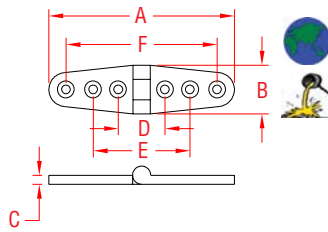


Complete Hoist Assembly, p.93

HEAVY DUTY STRAP HINGE



316 STAINLESS STEEL



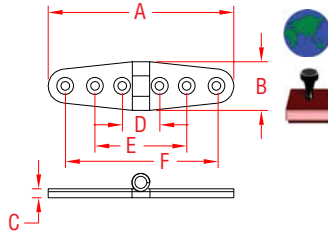
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3820-0100	4"	1.07"	0.20"	1.32"	3.28"	N/A	0.19
S3820-0150	6"	1.07"	0.18"	1.56"	3.56"	5.52"	0.28

NOTE:
 USE 4 OR 6 #10 FASTENERS.
 HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS.
 PIN IS STAINLESS AND WELDED ON ONE SIDE TO PREVENT IT FROM WORKING LOOSE.
 REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
 FOR COMPATIBLE FASTENERS.

STRAP HINGE



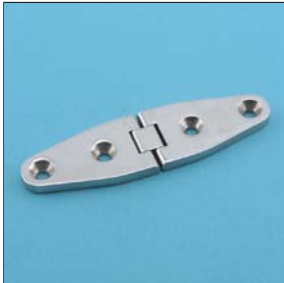
304 STAINLESS STEEL



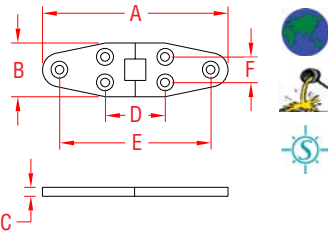
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3825-0002	6"	1.12"	0.14"	1.25"	3.25"	5.25"	0.10

NOTE:
 STAMPED HINGE WITH WELL ROUNDED EDGES AND RECESSED FASTENER HOLES FOR BETTER APPEARANCE.
 REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
 FOR COMPATIBLE FASTENERS.

HEAVY DUTY WIDE STRAP HINGE



316 STAINLESS STEEL



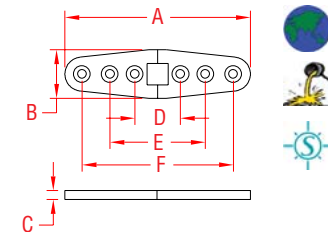
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3832-0001	4"	1.11"	0.19"	1.40"	3.40"	N/A	0.18
S3832-0002	6"	1.63"	0.23"	2.07"	4.85"	0.83"	0.46

NOTE:
 USE 4 OR 6 #10 FASTENERS.
 EXCLUSIVE FLUSH DESIGN CAN MOVE 360 DEGREES. ONE HALF FOLDS FLAT ON TOP OF OTHER HALF. IDEAL FOR TABLES, DOORS AND OTHER APPLICATIONS WHERE RECESSED HINGES ALLOW A TOTALLY FLAT SURFACE.
 REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
 FOR COMPATIBLE FASTENERS.

FLUSH STRAP HINGE



316 STAINLESS STEEL



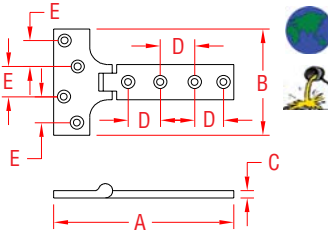
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3831-0001	4"	0.97"	0.19"	1.40"	3.40"	N/A	0.16
S3831-0002	6"	1.00"	0.19"	1.20"	3.18"	5.15"	0.24

NOTE:
 USE 4 #10 FASTENERS.
 EXCLUSIVE FLUSH DESIGN CAN MOVE 360 DEGREES. ONE HALF FOLDS FLAT ON TOP OF OTHER HALF. IDEAL FOR TABLES, DOORS AND OTHER APPLICATIONS WHERE RECESSED HINGES ALLOW A TOTALLY FLAT SURFACE.
 REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
 FOR COMPATIBLE FASTENERS.

HEAVY DUTY STRAP T-HINGE



316 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(length)					(lb)
S3834-0007	7"	3.83"	0.23"	1.50"	1.10"	1.34

NOTE:
 USE 8 #10 FASTENERS.
 HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS.
 PIN IS STAINLESS AND WELDED ON ONE SIDE TO PREVENT IT FROM WORKING LOOSE.
 REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
 FOR COMPATIBLE FASTENERS.

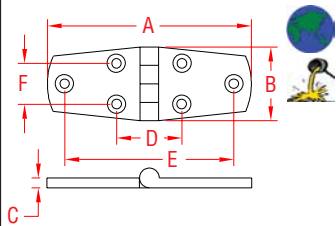
HINGES & HASPS

HINGES & HASPS

HEAVY DUTY DOOR HINGE, EQUAL



316 STAINLESS STEEL



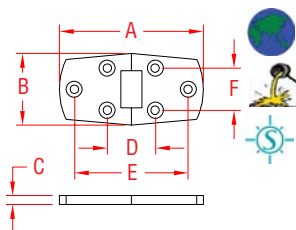
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3822-0075	3"	1.47"	0.19"	1.12"	2.35"	0.80"	0.21
S3822-0100	4"	1.47"	0.17"	1.34"	3.44"	0.82"	0.26

NOTE:
USE 6 #10 FASTENERS.
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS. PIN IS STAINLESS AND WELDED ON ONE SIDE TO PREVENT IT FROM WORKING LOOSE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

FLUSH DOOR HINGE



316 STAINLESS STEEL



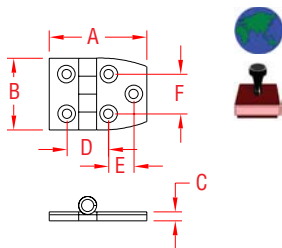
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
HEAVY DUTY							
S3830-0001	3"	1.48"	0.19"	1.04"	2.39"	0.86"	0.20
S3830-0002	4"	1.48"	0.20"	1.40"	3.38"	0.78"	0.26

NOTE:
USE 6 #10 FASTENERS.
EXCLUSIVE FLUSH DESIGN CAN MOVE 360 DEGREES. ONE HALF FOLDS FLAT ON TOP OF OTHER HALF. IDEAL FOR TABLES, DOORS AND OTHER APPLICATIONS WHERE RECESSED HINGES ALLOW A TOTALLY FLAT SURFACE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

DOOR HINGE



304 STAINLESS STEEL



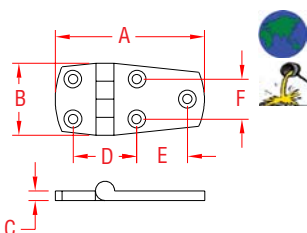
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3827-0001	2-3/8"	1.57"	0.14"	0.97"	0.66"	0.85"	0.07
S3827-2000	1-7/16"	1.46"	0.07"	1.00"	N/A	0.90"	0.07

NOTE:
USE 5 #8 FASTENERS.
OFFSET (NOT SHOWN)
STAMPED HINGE WITH WELL ROUNDED EDGES AND RECESSED FASTENER HOLES FOR BETTER APPEARANCE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY DOOR HINGE, UNEQUAL



316 STAINLESS STEEL



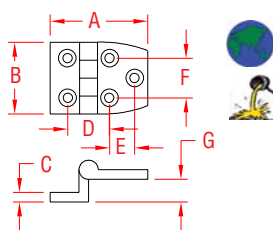
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3823-0055	2-1/4"	1.50"	0.20"	1.00"	0.60"	0.83"	0.17
S3823-0075	3"	1.50"	0.20"	1.16"	1.05"	0.83"	0.19

NOTE:
USE 5 #10 FASTENERS.
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS. PIN IS STAINLESS AND WELDED ON ONE SIDE TO PREVENT IT FROM WORKING LOOSE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY DOOR HINGE, OFFSET



316 STAINLESS STEEL



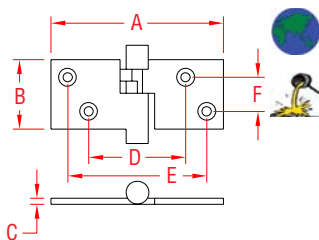
ITEM	A	B	C	D	E	F	G	WT
	(length)							(lb)
S3823-1000	2"	1.47"	0.17"	0.85"	0.72"	0.90"	0.34"	0.16

NOTE:
USE 5 #10 FASTENERS.
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS. PIN IS STAINLESS AND WELDED ON ONE SIDE TO PREVENT IT FROM WORKING LOOSE.
NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY TAKE APART HINGE



316 STAINLESS STEEL



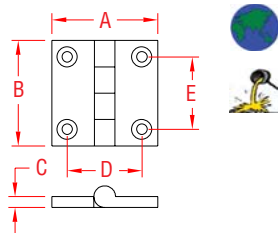
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3824-2000	3-1/2"	1.45"	0.12"	2.00"	2.90"	0.73"	0.23

NOTE:
USE 4 #10 FASTENERS.
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS.
LOCKING TAB PREVENTS HINGE FROM COMING APART ACCIDENTALLY.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

HEAVY DUTY BUTT HINGE



316 STAINLESS STEEL



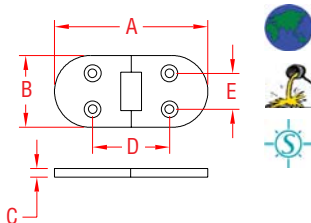
ITEM	A	B	C	D	E	WT	
	(length)						(lb)
S3821-0040	1-1/2"	1.50"	0.18"	1.05"	1.02"	0.12	
S3821-0050	2"	1.95"	0.17"	1.40"	1.35"	0.19	

NOTE:
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS.
PIN IS STAINLESS AND WELDED ON ONE SIDE TO PREVENT IT FROM WORKING LOOSE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

HEAVY DUTY FLUSH TABLE HINGE



316 STAINLESS STEEL



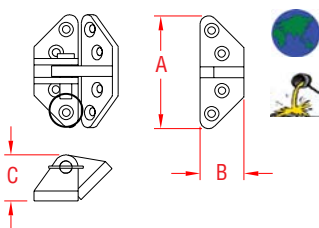
ITEM	A	B	C	D	E	WT	
	(length)						(lb)
HEAVY DUTY S3833-0001	3-1/4"	1.49"	0.20"	1.60"	0.73"	0.20	

NOTE:
USE 4 #10 FASTENERS.
EXCLUSIVE FLUSH DESIGN CAN MOVE 360 DEGREES. ONE HALF FOLDS FLAT ON TOP OF OTHER HALF. IDEAL FOR TABLES, DOORS AND OTHER APPLICATIONS WHERE RECESSED HINGES ALLOW A TOTALLY FLAT SURFACE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

HEAVY DUTY HATCH HINGE



316 STAINLESS STEEL



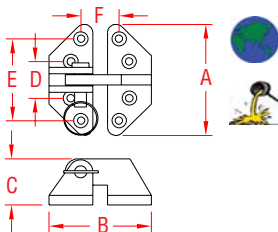
ITEM	A	B	C	WT	
	(length)				(lb)
ANGLE BASE S3824-1075	3"	1.12"	1.21"	0.56	

NOTE:
USE 8 #10 FASTENERS.
FASTENER HOLE PATTERN IS SIMILAR AS ITEM S3824-0075 BELOW.
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS.
PIN IS STAINLESS AND REMOVABLE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

HEAVY DUTY HATCH HINGE



316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
STANDARD S3824-0075	3"	2.60"	1.21"	1.24"	2.07"	1.20"	0.56

NOTE:
USE 8 #10 FASTENERS.
HEAVY DUTY HINGE WITH PRECISION CAST COMPONENTS.
PIN IS STAINLESS AND REMOVABLE.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

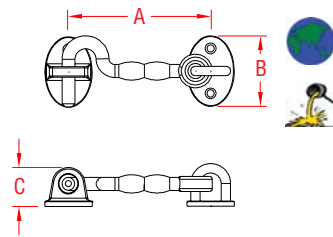
HINGES & HASPS

HINGES & HASPS

HEAVY DUTY DOOR HOOK SET



316 STAINLESS STEEL



ITEM	A	B	C	FAST.	WT
	(length)				(lb)
S3850-0001	3"	1.48"	0.82"	# 8	0.20
S3850-0002	4"	1.48"	0.82"	# 8	0.22

ADDITIONAL LATCH PART
S3850-02LT

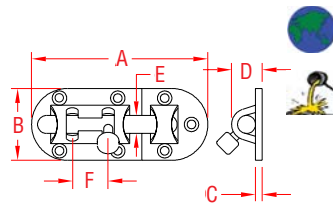
NOTE:
SOLD AS A SET. POLISHED TO A MIRROR-LIKE FINISH. ADDITIONAL LATCH PART AVAILABLE WHERE DOOR NEEDS TO BE SECURED IN OPEN AND CLOSED POSITION.

REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY BARREL BOLT



316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	FAST.	WT
	(length)							(lb)
S3855-0001	3-5/8"	1.50"	0.14"	0.63"	0.38"	0.75"	# 8	0.28
S3855-0002	4-1/4"	1.50"	0.14"	0.63"	0.38"	1.31"	# 8	0.33

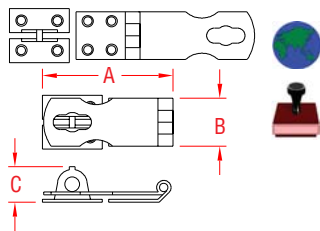
NOTE:
HEAVY DUTY BARREL BOLT SET WITH PRECISION CAST COMPONENTS. (NO PART IS STAMPED)

REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

SAFETY HASP



304 STAINLESS STEEL



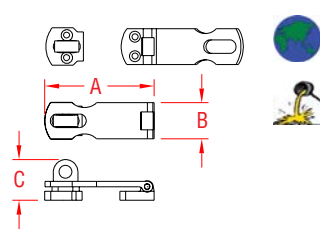
ITEM	A	B	C	FAST.	WT
	(length)				(lb)
S3853-0001	2-3/4"	1.00"	0.72"	# 8	0.10

NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY SAFETY HASP



316 STAINLESS STEEL



ITEM	A	B	C	FAST.	WT
	(length)				(lb)
S3853-0002	3"	1.00"	1.16"	# 8	0.23

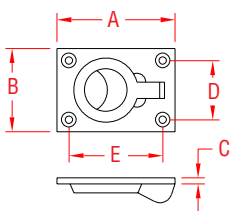
NOTE:
HEAVY DUTY SAFETY HASP WITH SWIVEL PAD EYE, THAT ROTATES AND ALLOWS LOCKING OF HASP WITHOUT THE USE OF A LOCK. ALL COMPONENTS ARE PRECISION CAST.

REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY FLUSH LIFT RING



316 STAINLESS STEEL



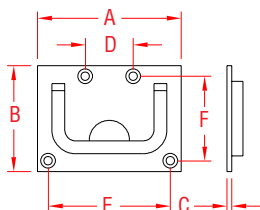
ITEM	A	B	C	D	E	WT
	(length)					(lb)
S3851-0000	2-1/2"	1.74"	0.13"	1.23"	1.90"	0.22
S3851-0001	1-7/8"	1.52"	0.12"	1.13"	1.47"	0.11

NOTE:
USE 4 #8 FASTENERS.
HEAVY DUTY LIFT RINGS WITH PRECISION CAST COMPONENTS.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

FLUSH LIFT HANDLE



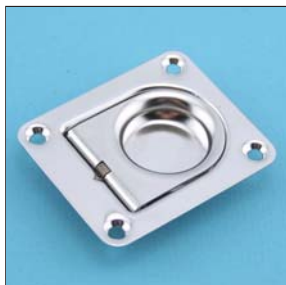
316 STAINLESS STEEL



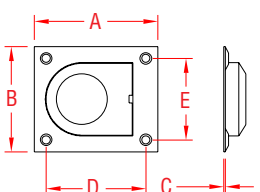
ITEM	A	B	C	D	E	F	WT
	(length)						(lb)
S3851-0002	3"	2.23"	0.10"	1.05"	2.52"	1.78"	0.26

NOTE:
USE 4 #8 FASTENERS.
HEAVY DUTY LIFT HANDLE WITH PRECISION CAST COMPONENTS.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

FLUSH LIFT PULL



304 STAINLESS STEEL



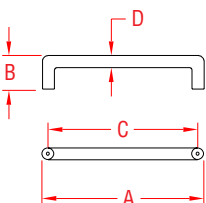
ITEM	A	B	C	D	E	WT
	(length)					(lb)
S3851-0003	2-1/2"	2.19"	0.03"	2.09"	1.68"	0.10

NOTE:
USE 4 #8 FASTENERS.
SPRING LOADED. STAMPED VERSION WITH ROUNDED INSIDE
EDGE OF PULL RING.
REFERENCE "FASTENER MATCHING CHART" (PAGE 157)
FOR COMPATIBLE FASTENERS.

SOLID "U" SHAPED HANDLE



316 STAINLESS STEEL



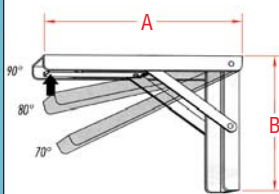
ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
S3951-0100	4-1/4"	1.40"	3.75"	0.50"	M4 X .7	0.33
S3951-0120	5-1/2"	1.40"	5.00"	0.50"	M4 X .7	0.39
S3951-0150	6-3/4"	1.40"	6.19"	0.50"	M4 X .7	0.47
S3951-0200	8"	1.40"	7.50"	0.50"	M4 X .7	0.53

NOTE:
METRIC THREAD HOLDING SCREWS ARE REQUIRED (NOT INCLUDED).
PRODUCT IS PRECISION CAST, NOT FORMED.

FOLDING TABLE BRACKET



316 STAINLESS STEEL



ITEM	A	B	WLL	WT
			(lb)	(lb)
S3835-0300	12"	7.75"	400	1.33
S3835-0400	16"	10.75"	400	2.74

NOTE:
EASY AND PRACTICAL. SPACE SAVING DESIGN ADJUSTS TO
THREE DIFFERENT POSITIONS AND FOLDS AGAINST WALL WHEN
NOT IN USE. USE IN 90 DEGREE POSITION FOR EATING OR
SEATING, 80 DEGREES FOR READING OR 70 DEGREES FOR DRAFTING.



FLAGPOLE CLEAT 304 STAINLESS STEEL



ITEM	A	B	C	FASTENER	WT
	(size)				(lb)
S3103-0000	2-1/2"	0.17"	0.50"	# 8 Screws	0.03
S3104-0000	4-1/2"	0.22"	0.81"	#10 Screws	0.09

NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 155)
FOR COMPATIBLE FASTENERS.

HERRESHOFF CLEAT 316 STAINLESS STEEL



ITEM	A	B	C	D	FASTENER	WT
	(size)					(lb)
S3105-0000	4"	0.20"	2.00"	0.92"	3/16" Screws	0.18
S3106-0000	6"	0.27"	2.29"	1.05"	1/4" Screws	0.42
S3108-0000	8"	0.27"	2.82"	1.34"	1/4" Screws	0.75
S3110-0000	10"	0.32"	3.63"	1.75"	5/16" Screws	1.30
S3112-0000	12"	0.32"	3.93"	1.94"	5/16" Screws	2.28

NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 155)
FOR COMPATIBLE FASTENERS.

BLUE WATER CLEAT 316 STAINLESS STEEL



ITEM	A	B	C	D	FASTENER	WT
	(size)					(lb)
S3138-0000	8"	0.27"	3.32"	1.78"	1/4" Screws	1.58
S3140-0000	10"	0.32"	3.74"	1.87"	5/16" Screws	2.52
S3142-0000	12"	0.32"	4.78"	2.43"	5/16" Screws	3.78
S3145-0000	15"	0.41"	6.22"	2.53"	3/8" Screws	7.20

NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 155)
FOR COMPATIBLE FASTENERS.

TRIMLINE CLEAT 316 STAINLESS STEEL

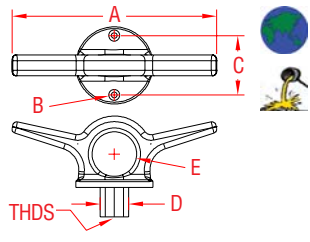


ITEM	A	B	C	D	FASTENER	WT
	(size)					(lb)
S3204-0000	4"	0.16"	1.33"	0.80"	1/8" Screws	0.13
S3206-0000	6"	0.26"	2.09"	1.65"	1/4" Screws	0.73
S3208-0000	8"	0.26"	2.65"	1.63"	1/4" Screws	1.00

NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 155)
FOR COMPATIBLE FASTENERS.

LIFT EYE CLEAT

316 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(size)					(lb)
S3250-0000	7"	0.20"	2.00"	0.98"	1.50"	1.68

NOTE:
USES 2 #10 FASTENERS. THREADS ARE 5/8" - 11 UNC.
REFERENCE "FASTENER MATCHING CHART" (PAGE 155)
FOR COMPATIBLE FASTENERS.

DECK HARDWARE

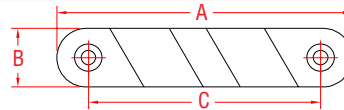
DECK HARDWARE

BOW CHOCKS 316 STAINLESS STEEL



ITEM	SIZE	B	C	FASTENER	WT	ROPE
	(length)				(lb)	(max)
S3304-0000	4"	0.81"	3.13"	# 10 Screws	0.48	5/8"
S3306-0000	6"	0.98"	4.78"	1/4" Screws	1.15	7/8"

NOTE:
SOLD IN SETS: ONE PORT, ONE STARBOARD. EDGES ARE POLISHED AND ROUNDED TO PREVENT CHAFE OF LINES. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.

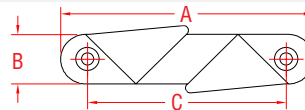


SKENE CHOCKS 316 STAINLESS STEEL



ITEM	SIZE	B	C	FASTENER	WT	ROPE
	(length)				(lb)	(max)
S3340-0000	4"	0.73"	3.37"	#10 Screws	0.52	3/4"
S3360-0000	6"	0.95"	4.69"	1/4" Screws	1.37	1"
S3390-0000	9"	1.72"	7.12"	5/16" Screws	5.69	1-1/4"

NOTE:
SOLD IN SETS: ONE PORT, ONE STARBOARD. EDGES ARE POLISHED AND ROUNDED TO PREVENT CHAFE OF LINES. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.

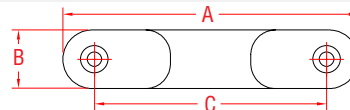


STRAIGHT CHOCK 316 STAINLESS STEEL



ITEM	SIZE	B	C	FASTENER	WT	ROPE
	(length)				(lb)	(max)
S3405-0000	5"	0.93"	4.00"	1/4" Screws	0.35	3/4"
S3406-0000	6"	0.96"	5.12"	1/4" Screws	0.50	1"

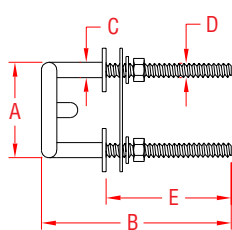
NOTE:
SOLD SINGLY. EDGES ARE POLISHED AND ROUNDED TO PREVENT CHAFE OF LINES. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.



SKI TOW RING 316 STAINLESS STEEL



316 STAINLESS STEEL



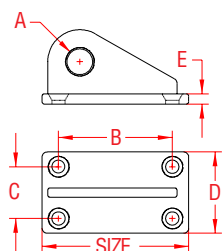
ITEM	A	B	C	D	E	WT
	(size)					(lb)
S3588-0065	2-1/2"	3.94"	0.37"	3/8" - 16	2.38"	0.62
S3588-0075	3"	3.94"	0.37"	3/8" - 16	2.38"	0.67

NOTE:
NUTS AND WASHERS ARE INCLUDED.

TOW PAD EYE 316 STAINLESS STEEL



316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	E	WT
	(length)						(lb)
S3718-0000	3"	0.62"	2.80"	1.25"	2.00"	0.26"	0.80

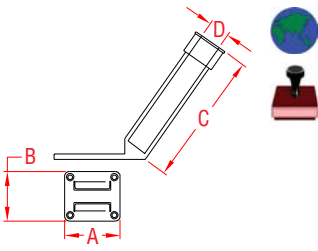
NOTE:
HEAVY DUTY PAD EYE PROVIDES A THRU-HULL BOW ATTACHMENT FOR SMALL CRAFT TOWING. BACKING PLATE SOLD WITH TOW PAD EYE FOR MAXIMUM LOAD DISTRIBUTION.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



ROD HOLDER REMOVABLE

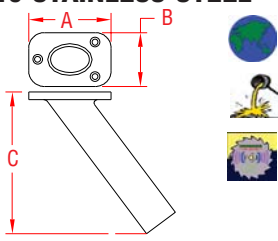
304 STAINLESS STEEL



ITEM	A	B	C	D	FASTENER	WT
S3612-0000	4"	3.65"	10.0"	1.83"	1/4" Screws	1.55 (lb)
<p>NOTE: SET INCLUDES ROD HOLDER AND MOUNTING PLATE. IDEAL FOR RETROFITS OR WHERE REMOVAL OF ROD HOLDER IS DESIRABLE. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.</p>						

HEAVY CAST TOP ROD HOLDER

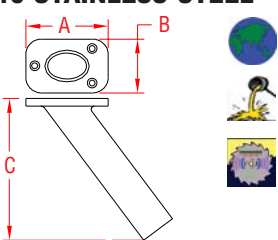
FLUSH MOUNT
316 STAINLESS STEEL



ITEM	A	B	C	DEGREE	FAST.	WT
S3611-0000	4-3/8"	3.38"	8.50"	30	1/4" Screws	1.74 (lb)
<p>NOTE: HEAVY DUTY PRECISION CAST HEAD WITH MIRROR FINISH. END OF TUBE IS MACHINED AND DEBURRED. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.</p>						

ROD HOLDER WITH CAP

FLUSH MOUNT
316 STAINLESS STEEL



ITEM	A	B	C	DEGREE	FAST.	WT
S3611-0001	4-3/8"	3.38"	8.50"	30	1/4" Screws	1.79 (lb)
<p>NOTE: HEAVY DUTY PRECISION CAST HEAD WITH MIRROR FINISH. END OF TUBE IS MACHINED AND DEBURRED. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.</p>						

ROD HOLDER LINERS

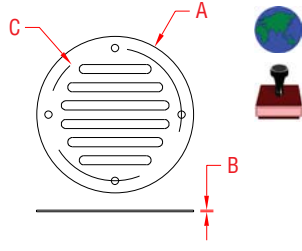
RUBBER



ITEM	A	B	DEGREE	WT
	(diameter)	(length)		(lb)
WHITE LINER REPLACEMENT				
S3611-1000	2"	6.50"	30	0.26
BLACK LINER REPLACEMENT W/ CAP				
S3611-1001	2"	7.25"	30	0.33
<p>NOTE: DESIGNED TO FIT STANDARD 2" ROD HOLDERS, SUCH AS THE ROD HOLDERS LISTED ABOVE (S3611-0000 & S3611-0001).</p>				

FLOOR DRAIN PLATE

304 STAINLESS STEEL



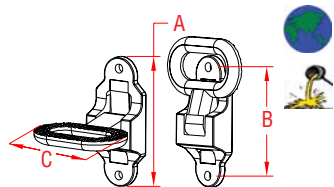
ITEM	A	B	C	WT
	(size)			(lb)
S3860-0000	3-1/4"	0.04"	2.75"	0.07
<p>NOTE: USE (4) #8 FASTENERS.</p>				

DECK HARDWARE

DECK HARDWARE

HEAVY DUTY FOLDING STEP

316 STAINLESS STEEL

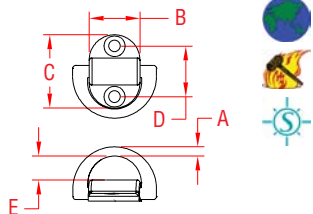


ITEM	A	B	C	FAST.	WT
					(lb)
S3630-0000	4.61"	3.88"	4.38"	5/16"	1.24

NOTE:
USE WHERE TEMPORARY STEP IS REQUIRED. FOLDS UP FLAT WHEN NOT IN USE AND HOLDS EITHER POSITION BY USE OF A LEAF SPRING.
REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.

HEAVY DUTY FOLDING PAD EYE

316 STAINLESS STEEL

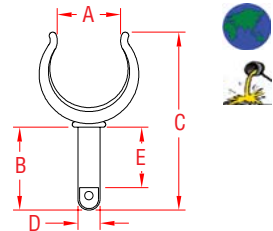


ITEM	A	B	C	D	E	WLL	WT
	(size)					(lb)	(lb)
S3712-0001	1/4"	1.06"	1.53"	0.94"	0.50"	1,200	0.13
S3712-0002	5/16"	1.38"	1.94"	1.25"	0.69"	2,000	0.25
S3712-0003	3/8"	1.75"	2.53"	1.63"	0.84"	4,000	0.60

NOTE:
"D" RING IS FORGED 316 STAINLESS AND HOLDING PAD BODY IS PRECISION CAST 316.
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

OPEN OAR LOCK

316 STAINLESS STEEL

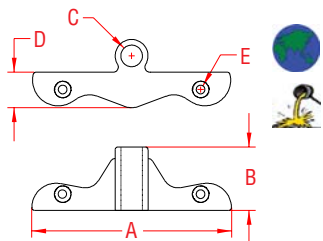


ITEM	A	B	C	D	E	WT
	(diameter)					(lb)
SINGLE						
S3870-0001	1-7/8"	2.00"	4.75"	0.47"	1.50"	0.33
PAIR						
S3870-0002	1-7/8"	2.00"	4.75"	0.47"	1.50"	0.66

NOTE:
USE IN CONJUNCTION WITH THE OAR LOCK BASE (BELOW).

OAR LOCK BASE

316 STAINLESS STEEL

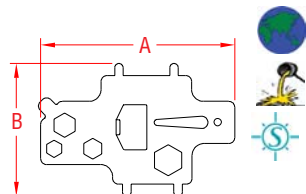


ITEM	A	B	C	D	E	WT
						(lb)
SINGLE						
S3871-0001	4.65"	1.47"	0.51"	0.84"	0.19"	0.28
PAIR						
S3871-0002	4.65"	1.47"	0.51"	0.84"	0.19"	0.56

NOTE:
USE IN CONJUNCTION WITH THE OPEN OAR LOCK (ABOVE).
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

MULTI-TASK DECK KEY

304 STAINLESS STEEL



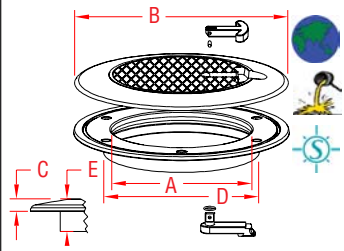
ITEM	A	B	WT
	(size)		(lb)
C3925-0000	4"	2.75"	0.14

DISPLAY STAND
C3925-1000

NOTE:
DECK KEY COMES WITH COLOR LANYARD. FITS ALL DECK PLATE CAPS AND COMES WITH BUILT-IN BOTTLE OPENER, SCREWDRIVER, SHACKLE KEY AND #6, #10, 1/4" AND 3/8" HEX DRIVES.

ACCESS HATCH AND FRAME

316 STAINLESS STEEL

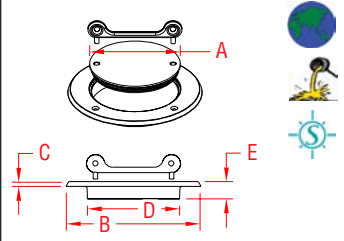


ITEM	A	B	C	D	E	WT
	(size)					(lb)
S3812-0150	6"	9.00"	0.52"	6.50"	1.36"	5.80
CHEVRON PATTERN. CONVEX, TAPERED RIM.						
NOTE: HIGHEST QUALITY ACCESS HATCH, FEATURING EXTRA LOW PROFILE, RUBBER GASKET FOR A WEATHER TIGHT SEAL. AND NON-SLIP NON-SKID SURFACE TOP. USE VERTICALLY OR HORIZONTALLY. ENTIRELY REMOVABLE COVER, BOLTS ARE NOT VISIBLE.						
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.						



ACCESS HATCH AND FRAME

316 STAINLESS STEEL

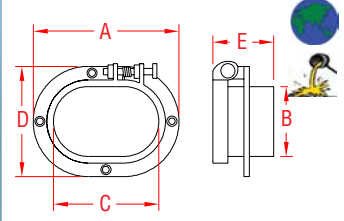


ITEM	A	B	C	D	E	WT
	(size)					(lb)
S3814-0150	6"	9.25"	0.30"	6.38"	1.19"	5.80
FLUSH MOUNT OR RECESSED. THREADED, ENTIRELY REMOVABLE COVER.						
NOTE: COMES WITH ACCESS KEY. HIGHEST QUALITY ACCESS HATCH, FEATURING LOW PROFILE, RUBBER GASKET FOR A WEATHER TIGHT SEAL. CAN BE USED VERTICALLY OR HORIZONTALLY.						
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.						



CHAIN AND DECK PIPE

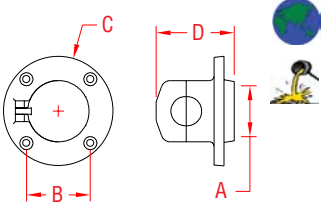
316 STAINLESS STEEL



ITEM	A	B	C	D	E	WT
	(size)					(lb)
S3810-0000	5-1/2"	2.71"	3.72"	4.08"	2.00"	2.03
NOTE: USE #10 FASTENERS. COVER SLIDES TO OPEN AND IS SPRING LOADED TO CLOSE AUTOMATICALLY.						
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.						

ROPE DECK PIPE HINGED

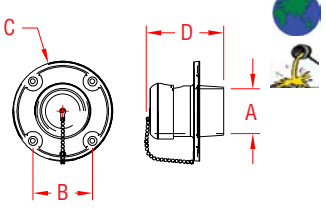
CHROME PLATED BRASS



ITEM	A	B	C	D	WT	
	(size)					(lb)
C3808-0002	1-1/2"	1.75"	3.00"	2.16"	0.68	
NOTE: PRECISION CAST. USE 3/16" SCREWS. HINGED TOP FOR EASY ACCESS.						
REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.						

ROPE DECK PIPE

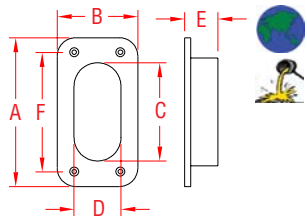
CHROME PLATED BRASS



ITEM	A	B	C	D	WT	
	(size)					(lb)
C3808-0001	1-3/4"	2.35"	4.00"	2.94"	1.12	
NOTE: PRECISION CAST. USE 3/16" SCREWS. SAFETY CHAIN ATTACHED SO TOP IS NOT LOST.						
REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.						

HAWSE PIPE

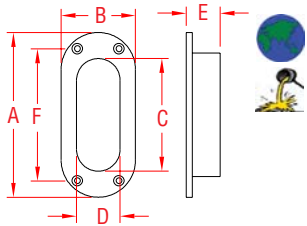
316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
SQUARE S3806-0000	6"	3.25"	3.92"	1.88"	1.34"	4.85"	1.38
<p>NOTE: USE #10 FASTENERS. REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.</p>							

OVAL HAWSE PIPE

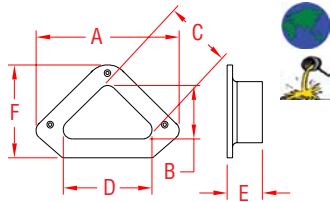
316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
OVAL S3806-0001	5-1/2"	2.50"	3.64"	1.45"	1.06"	4.81"	0.85
<p>NOTE: USE #10 FASTENERS. REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.</p>							

TRIANGULAR HAWSE PIPE

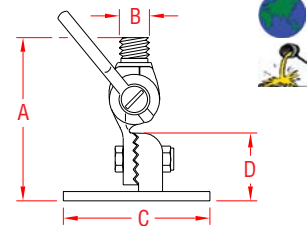
316 STAINLESS STEEL



ITEM	A	B	C	D	E	F	WT
	(size)						(lb)
TRIANGLE S3807-0000	7-7/8"	2.81"	3.62"	5.00"	1.98"	4.87"	2.60
<p>NOTE: USE #10 FASTENERS. REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.</p>							

ANTENNA RATCHET MOUNT

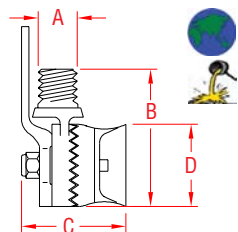
316 STAINLESS STEEL



ITEM	A	B	C	D	FAST.	WT
	(size)	(thread)				(lb)
S3620-0000	4-1/2"	1" - 14	3.62"	1.50"	1/4"	1.60
S3621-0000	6"	1" - 14	3.75"	2.30"	1/4"	2.12
<p>NOTE: HEAVY DUTY ANTENNA RATCHET MOUNT WITH ALL COMPONENTS PRECISION CAST. THREAD "B" FITS STANDARD ANTENNAS. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.</p>						

ANTENNA RAIL MOUNT

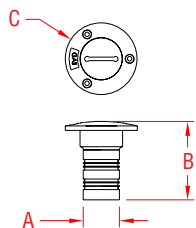
316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D	FAST.	WT
	(thread)						(lb)
S3625-0000	#1	1" - 14	3.50"	2.50"	2.00"	1/4"	1.24
<p>NOTE: HEAVY DUTY ANTENNA RATCHET MOUNT WITH ALL COMPONENTS PRECISION CAST. THREAD "A" FITS STANDARD ANTENNAS.</p>							

HOSE DECK FILLS

316 STAINLESS STEEL



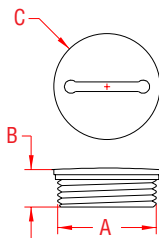
ITEM	A	B	C	TYPE	FAST.	WT
	(hose)					(lb)
S3911-0000	1-1/2"	3.35"	3.00"	GAS	# 10	1.00
S3912-0000	1-1/2"	3.35"	3.00"	DIESEL	# 10	1.00
S3913-0000	1-1/2"	3.35"	3.00"	WATER	# 10	1.00
S3914-0000	1-1/2"	3.35"	3.00"	WASTE	# 10	1.00
S3921-0000	2"	3.47"	3.50"	GAS	# 10	1.37
S3922-0000	2"	3.47"	3.50"	DIESEL	# 10	1.37

NOTE:
EACH DECK FILL SET INCLUDES BODY, CHAIN, CAP AND KEY EXCEPT THE WASTE SET WHICH DOES NOT INCLUDE CHAIN.

REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

REPLACEMENT CAP

316 STAINLESS STEEL

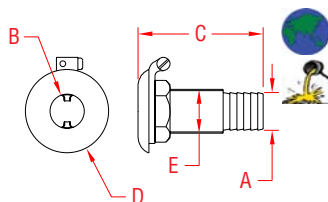


ITEM	A	B	C	WT
				(lb)
S3920-0000	1-1/2"	0.69"	1.74"	0.20

NOTE:
REPLACEMENT CAP INCLUDES CHAIN. USE IN CONJUNCTION WITH THE HOSE DECK FILLS.

THRU-HULL HOSE CONNECT

316 STAINLESS STEEL

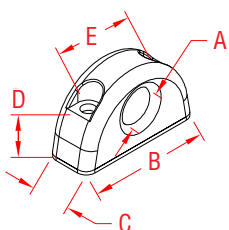


ITEM	A	B	C	D	E	WT
	(size)					(lb)
S3815-0020	3/4"	CALL FOR DETAILS AND AVAILABILITY				
S3815-0025	1"	0.75"	2.89"	1.92"	1.03"	0.42
S3815-0028	1-1/8"	1.00"	3.09"	2.14"	1.30"	0.56
S3815-0032	1-1/4"	1.12"	3.15"	2.32"	1.49"	0.68
S3815-0038	1-1/2"	1.33"	3.27"	2.53"	1.63"	0.76
S3815-0050	2"	1.71"	3.98"	3.32"	2.35"	1.12

NOTE:
EACH SET CONTAINS THRU-HULL, WASHER WITH GROUNDING LUG AND NUT.

FAIRLEAD & GASKET

316 STAINLESS STEEL

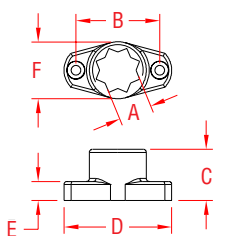


ITEM	A	B	C	D	E	FASTENERS	WT
	(rope size)						(lb)
S3730-0010	up to 5/16"	1.38"	0.44"	0.38"	0.88"	#8	0.06
S3730-0014	up to 1/2"	1.81"	0.69"	0.75"	1.00"	#10	0.14
S3730-0016	up to 5/8"	2.25"	0.81"	0.75"	1.38"	#12	0.23

NOTE:
HEAVY DUTY FAIRLEADS DESIGNED TO OUTLAST AND OUTPERFORM INFERIOR NYLON VERSIONS. MADE FROM EXTREMELY CORROSION RESISTANT MARINE GRADE 316 STAINLESS STEEL. DURABLE GASKET INCLUDED. FASTENERS NOT INCLUDED.

WINCH HANDLE HOLDER

316 STAINLESS STEEL



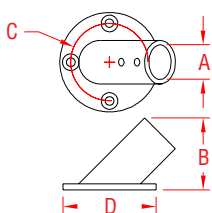
ITEM	A	B	C	D	E	F	WT
							(lb)
S3520-0001	0.71"	1.75"	1.06"	2.26"	0.39"	1.21"	0.18

NOTE:
ELIMINATE THOSE BULKY WINCH HANDLE POCKETS IN YOUR COCKPIT AND REPLACE THEM WITH THE "WINCH HANDLE HOLDER". FEATURING A SIMPLE TWO FASTENER INSTALLATION, THIS WINCH HANDLE HOLDER CAN BE EASILY PLACED WHERE IT WILL BE MOST USEFUL.

REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.

ROUND RAIL BASE

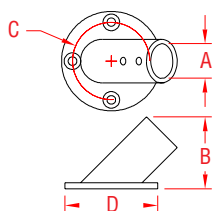
316 STAINLESS STEEL



ITEM	A	B	C	D	FAST.	WT
	(size)			(base)		(lb)
30 DEGREE ANGLE						
S3650-0300	7/8"	1.56"	1.97"	2.66"	#10 Screws	0.49
S3650-0301	1"	1.60"	2.07"	2.79"	1/4" Screws	0.52
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.						

ROUND RAIL BASE

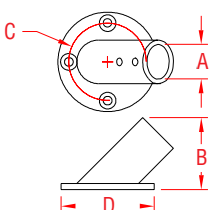
316 STAINLESS STEEL



ITEM	A	B	C	D	FAST.	WT
	(size)			(base)		(lb)
45 DEGREE ANGLE						
S3650-0450	7/8"	1.82"	1.97"	2.66"	#10 Screws	0.50
S3650-0451	1"	1.86"	2.07"	2.79"	1/4" Screws	0.53
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.						

ROUND RAIL BASE

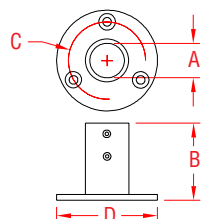
316 STAINLESS STEEL



ITEM	A	B	C	D	FAST.	WT
	(size)			(base)		(lb)
60 DEGREE ANGLE						
S3650-0600	7/8"	1.92"	1.91"	2.66"	#10 Screws	0.47
S3650-0601	1"	1.96"	2.13"	2.79"	1/4" Screws	0.51
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.						

ROUND RAIL BASE

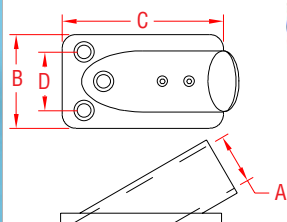
316 STAINLESS STEEL



ITEM	A	B	C	D	FAST.	WT
	(size)			(base)		(lb)
90 DEGREE ANGLE						
S3650-0900	7/8"	1.74"	1.98"	2.66"	#10 Screws	0.46
S3650-0901	1"	1.74"	2.13"	2.79"	1/4" Screws	0.46
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.						

RECTANGULAR BASE

316 STAINLESS STEEL

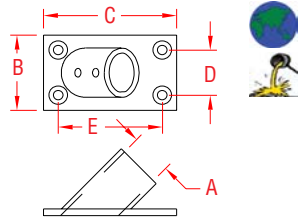


ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
30 DEGREE ANGLE						
S3651-0300	7/8"	1.70"	2.94"	1.05"	#10 Screws	0.38
S3651-0301	1"	1.85"	3.22"	1.12"	1/4" Screws	0.48
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.						

RAILING & BIMINI HARDWARE

RECTANGULAR BASE

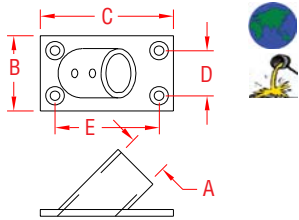
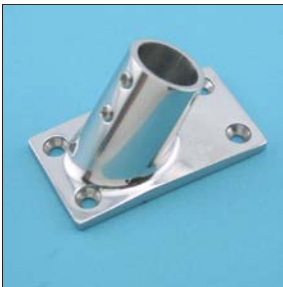
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT
	(size)						(lb)
45 DEGREE ANGLE							
S3651-0450	7/8"	1.70"	3.09"	1.02"	2.40"	#10 Screws	0.46
S3651-0451	1"	1.88"	3.20"	1.12"	2.60"	1/4" Screws	0.50
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.							

RECTANGULAR BASE

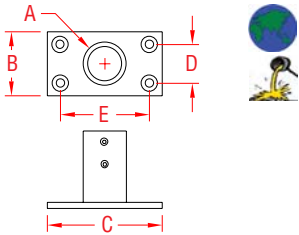
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT
	(size)						(lb)
60 DEGREE ANGLE							
S3651-0600	7/8"	1.74"	3.09"	1.02"	2.40"	#10 Screws	0.47
S3651-0601	1"	1.88"	3.23"	1.12"	2.60"	1/4" Screws	0.50
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.							

RECTANGULAR BASE

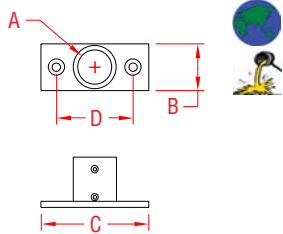
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT
	(size)						(lb)
90 DEGREE ANGLE							
S3651-0900	7/8"	1.72"	3.05"	1.02"	2.40"	#10 Screws	0.44
S3651-0901	1"	1.86"	3.22"	1.12"	2.60"	1/4" Screws	0.46
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.							

RECTANGULAR BASE

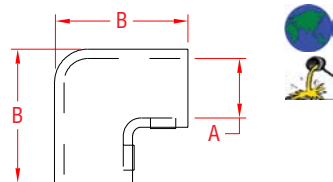
316 STAINLESS STEEL



ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
90 DEGREE ANGLE, 2 HOLE						
S3652-0900	7/8"	1.25"	2.86"	2.12"	1/4" Screws	0.26
S3652-0901	1"	1.42"	3.20"	2.60"	1/4" Screws	0.41
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.						

RAIL ELBOW

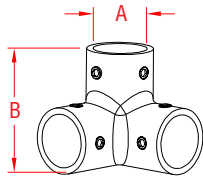
316 STAINLESS STEEL



ITEM	A	B	WT
	(size)		(lb)
90 DEGREE			
S3665-0900	7/8"	2.00"	0.32
S3665-0901	1"	2.05"	0.36
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY.			

3-WAY RAIL CORNER

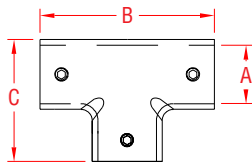
316 STAINLESS STEEL



ITEM	A	B	WT
	(size)		(lb)
90 DEGREE			
S3666-0000	7/8"	2.17"	0.40
S3666-0001	1"	2.27"	0.55
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY.			

3-WAY "T" RAIL

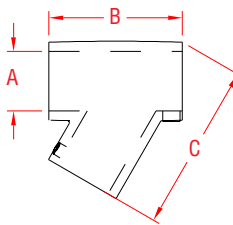
316 STAINLESS STEEL



ITEM	A	B	C	WT
	(size)			(lb)
90 DEGREE				
S3660-0900	7/8"	2.00"	2.00"	0.35
S3660-0901	1"	2.17"	2.20"	0.45
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY.				

UNIVERSAL "T" RAIL

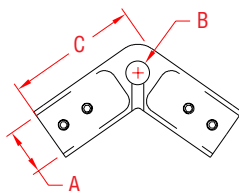
316 STAINLESS STEEL



ITEM	A	B	C	WT
	(size)			(lb)
60 DEGREE				
S3660-0600	7/8"	2.00"	2.50"	0.38
S3660-0601	1"	2.17"	2.75"	0.45
NOTE: SOLD INDIVIDUALLY, WITH SET SCREWS. USE 1/8" ALLEN KEY. THIS PART CAN BE USED IN RIGHT AND LEFT HAND APPLICATIONS.				

BOW FORMER

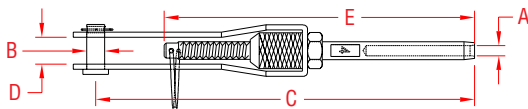
316 STAINLESS STEEL



ITEM	A	B	C	WT
	(size)			(lb)
110 DEGREE ANGLE				
S3663-0000	7/8"	0.51"	2.50"	0.63
125 DEGREE ANGLE				
S3663-0001	1"	0.51"	2.50"	0.63
NOTE: COMES WITH 4 SET SCREWS IN UNDERSIDE; OTHER ANGLES ARE AVAILABLE FOR BULK ORDERS.				

LIFELINE ADJUSTER

316 STAINLESS STEEL

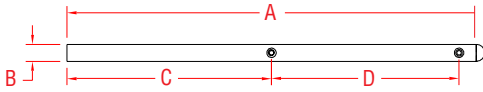


ITEM	A	B	C	D	E	WT
	(size)					(lb)
S0745-0003	1/8"	0.24"	5.25"	0.42"	4.35"	0.16
S0745-0004	5/32"	0.24"	5.67"	0.42"	4.70"	0.18
S0745-0005	3/16"	0.24"	5.89"	0.42"	4.97"	0.20
NOTE: TENSIONER DESIGNED FOR, BUT NOT LIMITED TO, LIFELINE APPLICATIONS. S0731-0703 SWAGE STUD (PAGE 33) IS USED IN THIS ASSEMBLY.						
HAND SWAGE VERSION OF THIS ITEM AVAILABLE ON PAGE 39.						

RAILING & BIMINI HARDWARE

LIFELINE STANCHION

316 STAINLESS STEEL

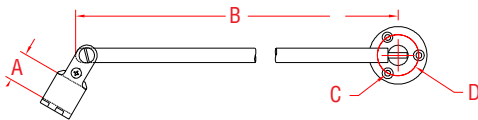


ITEM	A	B	C	D	WT
	(height)	(size)			(lb)
S3609-2425	24"	1"	12"	12"	1.32
S3609-3025	30"	1"	15"	15"	1.65
S3609-3625	36"	1"	18"	18"	1.98
S3609-CUST	custom	1"			

NOTE:
THE S3608-0025 BULLET CAP IS INCLUDED IN THE STANCHION ASSEMBLY.

STANCHION BRACE

316 STAINLESS STEEL

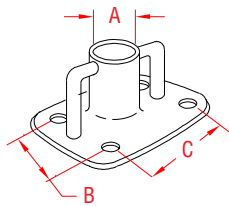


ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
S3610-0600	1"	14.41"	0.20"	1.25"	#10 Screws	1.12
S3610-0750	1"	20.41"	0.20"	1.25"	#10 Screws	1.36

NOTE:
USE TO BRACE STANCHIONS NEXT TO GATES; SLIDE ALLOWS SELECTION OF HEIGHT FOR ATTACHING TO STANCHION.
REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.

STANCHION BASE

316 STAINLESS STEEL

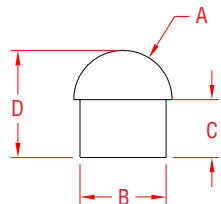


ITEM	A	B	C	FAST.	WT
	(size)				(lb)
S3610-0000	1"	1.78"	2.37"	1/4"	1.08

NOTE:
HEAVY DUTY BASE, PRECISION CAST IN ONE PIECE, NO WELDS. BASE ANGLE IS 3 DEGREES TO ALLOW FOR SLOPING DECK.
REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.

BULLET CAP

316 STAINLESS STEEL

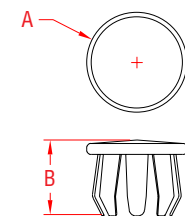


ITEM	A	B	C	D	WT
	(size)				(lb)
S3608-0025	1"	0.88"	0.58"	1.08"	0.08

NOTE:
BULLET CAP IS INCLUDED IN THE LIFELINE STANCHION ASSEMBLY.

FLAT END CAP

304 STAINLESS STEEL

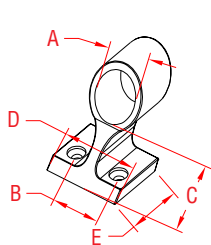


ITEM	A	B	WT
	(size)		(lb)
S3679-0000	7/8"	0.65"	0.01
S3679-0001	1"	0.68"	0.01

NOTE:
CLOSES TUBE ENDS WITHOUT FASTENER.

FORWARD END RAIL

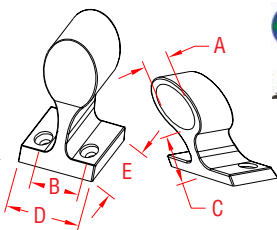
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT	
	(size)							(lb)
120 DEGREE								
S3670-1200	7/8"	1.03"	0.96"	1.60"	1.24"	(2)#10	0.28	
S3670-1201	1"	1.10"	1.14"	1.66"	1.29"	(2)#10	0.35	
NOTE: REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.								

AFT END RAIL

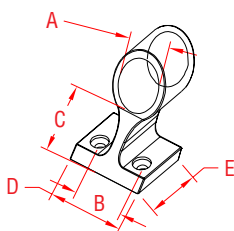
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT	
	(size)							(lb)
60 DEGREE								
S3671-0600	7/8"	1.03"	0.96"	1.60"	1.24"	(2)#10	0.27	
S3671-0601	1"	1.10"	1.14"	1.66"	1.29"	(2)#10	0.34	
NOTE: REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.								

CENTER RAIL

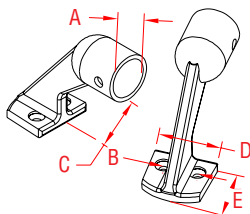
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT	
	(size)							(lb)
60 DEGREE								
S3672-0600	7/8"	1.03"	0.96"	1.60"	1.24"	#10 Screws	0.25	
S3672-0601	1"	1.10"	1.14"	1.66"	1.29"	#10 Screws	0.34	
NOTE: REFERENCE "FASTENER MATCHING CHART" (PAGE 155) FOR COMPATIBLE FASTENERS.								

RAIL STANCHION END

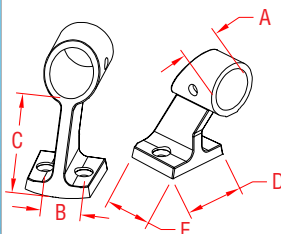
316 STAINLESS STEEL



ITEM	A	B	C	D	E	FAST.	WT	
	(size)							(lb)
STANCHION END								
S3673-0600	7/8"	0.80"	1.43"	1.46"	1.28"	(2)#10	1.12	
NOTE: RAIL STANCHION PERMITS HIGHER CLEARANCE BELOW RAIL THAN ALTERNATIVE PARTS SHOWN ABOVE. REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.								

RAIL STANCHION CENTER

316 STAINLESS STEEL



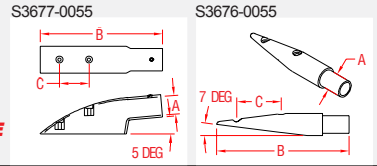
ITEM	A	B	C	D	E	FAST.	WT	
	(size)							(lb)
STANCHION CENTER								
S3673-1600	7/8"	1.03"	1.43"	1.46"	1.28"	(2)#10	0.28	
NOTE: RAIL STANCHION PERMITS HIGHER CLEARANCE BELOW RAIL THAN ALTERNATIVE PARTS SHOWN ABOVE. REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.								

END MOUNT IN / END MOUNT OUT

316 STAINLESS STEEL

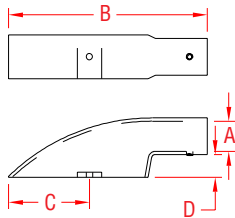


ITEM	A	B	C	FAST.	WT
	(size)				(lb)
END IN, 5 DEGREE					
S3677-0055	7/8"	6.00"	1.60"	#10 Screws	0.43
END OUT, 7 DEGREE					
S3676-0055	3/4"	6.00"	1.60"	#10 Screws	0.43
NOTE: S3677-0055 ALLOWS RAIL TO GO INSIDE AND BE SECURED WITH SET SCREW. S3676-0055 ACCEPTS RAIL OUTSIDE FOR CONSISTENT LOOK.					
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.					



BOTTOM MOUNT

316 STAINLESS STEEL



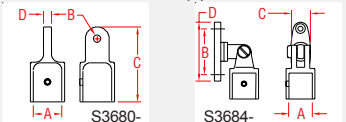
ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
S3675-0900	7/8"	6.75"	2.85"	0.90"	(1)-6 mm	0.78
S3675-0901	1"	6.75"	2.85"	0.90"	(1)-6 mm	0.87
NOTE: HEAVY DUTY BOTTOM MOUNT FOR HANDRAILS WITHOUT WELDS. CLEAN TOP AS MOUNTING IS FROM BELOW.						

TOP CAP/MULTI-DIRECTIONAL TOP CAP

316 STAINLESS STEEL

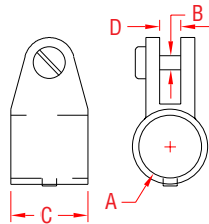


ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
TOP CAP						
S3680-0000	7/8"	0.26"	2.38"	0.26"	N/A	0.20
S3680-0001	1"	0.26"	2.38"	0.26"	N/A	0.27
HEAVY TOP CAP						
S3680-1001	1"	0.32"	2.38"	0.35"	N/A	0.28
MULTI-DIRECTIONAL TOP CAP						
S3684-0000	7/8"	1.57"	0.72"	2.25"	(2)#10	0.35
S3684-0001	1"	1.83"	0.72"	2.53"	(2)#10	0.42
NOTE: S3684-SERIES ASSEMBLY ALLOWS 360 DEGREE MOVEMENT IN HORIZONTAL PLANE AND 180 DEGREES IN VERTICAL PLANE.						



TOP SLIDE

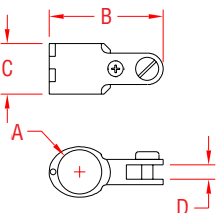
316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)				(lb)
TOP SLIDE					
S3681-0000	7/8"	0.21"	1.10"	0.30"	0.23
S3681-0001	1"	0.21"	1.25"	0.30"	0.27
HEAVY TOP SLIDE					
S3681-1001	1"	0.31"	1.20"	0.42"	0.42
NOTE: TOP CAP AND SLIDE WILL FIT TOGETHER.					

HINGED TOP SLIDE

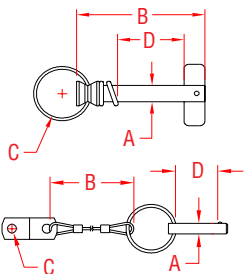
316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)				(lb)
S3683-0000	7/8"	2.24"	1.00"	0.30"	0.15
S3683-0001	1"	2.37"	1.00"	0.30"	0.16
NOTE: VERY SLEEK DESIGN WITH INCORPORATED HINGE (NOT 2 PARTS) WHICH PREVENTS LOSS DURING INSTALLATION; ALLOWS EASY INSTALLATION OF A TOP SLIDE ON ANY EXISTING BIMINI TOP.					

REMOVABLE PIN SETS

316 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(size)			(grip)	(lb)
REMOVABLE PIN WITH RING S3685-0001	1/4"	1.53"	0.94"	1.00"	0.04
LANYARD WITH PIN S3685-0000	1/4"	7.00"	0.21"	1.00"	0.03

NOTE:
FOR OTHER TYPES OF REMOVABLE PINS, SEE PAGE 78.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.

DECK HINGES

316 STAINLESS STEEL

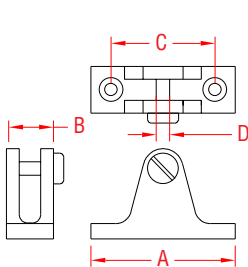


-2000; -5000; -3000; -3001

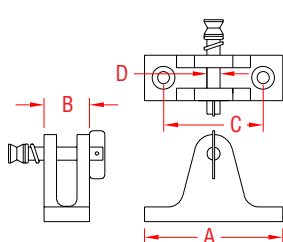


ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
90 DEGREE DECK HINGE S3682-2000	2-1/4"	0.73"	1.58"	0.21"	(2)#10	0.22
90 DEGREE DECK HINGE, REMOVABLE PIN S3682-5000	2-1/4"	0.80"	1.58"	0.25"	(2)#10	0.24
CONCAVE DECK HINGE S3682-3000	2-1/4"	0.68"	1.58"	0.87"	(2)#10	0.20
CONCAVE DECK HINGE, REMOVABLE QUICK PIN S3682-3001	2-1/4"	0.76"	1.58"	0.87"	(2)#10	0.20

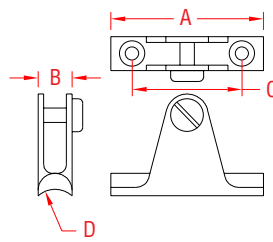
NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



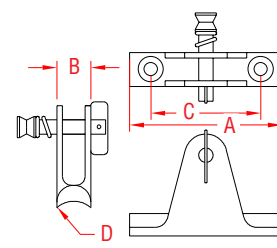
S3682-2000



S3682-5000



S3682-3000



S3682-3001

DECK HINGES

316 STAINLESS STEEL

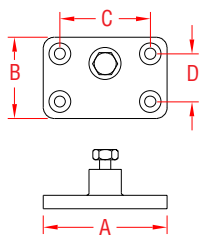


-1000; -0000; -4001; -4000

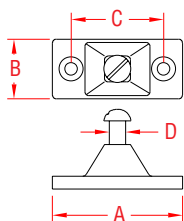


ITEM	A	B	C	D	FAST.	WT
	(size)					(lb)
SIDE DECK HINGE S3682-0000	2"	0.92"	1.40"	0.24"	(2)#10	0.16
HEAVY SIDE DECK HINGE S3682-1000	2-13/16"	1.85"	2.00"	1.08"	(4)#10	0.30
80 DEGREE DECK HINGE, SCREWED S3682-4000	2-1/4"	0.80"	1.58"	0.21"	(2)#10	0.24
80 DEGREE DECK HINGE, DRILLED S3682-4001	2-1/4"	0.80"	1.58"	0.26"	(2)#10	0.24

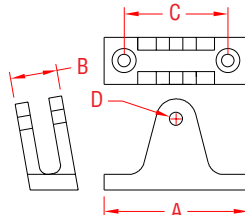
NOTE:
REFERENCE "FASTENER MATCHING CHART" (PAGE 156) FOR COMPATIBLE FASTENERS.



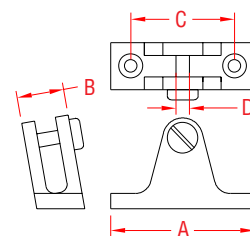
S3682-1000



S3682-0000



S3682-4001

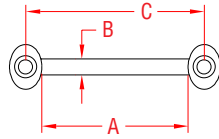


S3682-4000

RAILING & BIMINI HARDWARE

FOOTMAN'S LOOP

316 STAINLESS STEEL



ITEM	A	B	C	FAST.	WLL	WT
	(size)				(lb)	(lb)
S0224-0025	1"	0.24"	1.48"	#8 Screws	400	0.04
S0224-0050	2"	0.24"	2.48"	#8 Screws	400	0.05

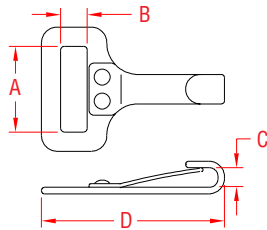
NOTE:
CAN BE USED HORIZONTALLY OR VERTICALLY. PATENTED, "NO SNAG" DESIGN. USE FLAT HOOK S0210-0025 TO ATTACH WEBBING OR SLIP THE WEBBING WITH SEWN LOOP (S0232-SERIES, PAGE 101) OVER THE FITTING BEFORE TIGHTENING ATTACHMENT.

REFERENCE "FASTENER MATCHING CHART" (PAGE 154) FOR COMPATIBLE FASTENERS.



FIXED BIMINI CLIP

304 STAINLESS STEEL



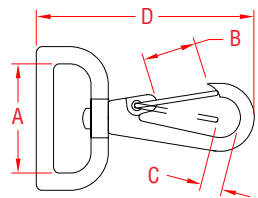
ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0220-0025	1"	0.23"	0.20"	1.94"	70	0.03

NOTE:
SEE COMBINATIONS ON PAGE 100 AND 101 FOR READY-MADE ASSEMBLIES.



SWIVEL WEB CLIP

304 STAINLESS STEEL



ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0221-0025	1"	0.63"	0.41"	2.56"	130	0.07
S0221-0038	1-1/2"	0.63"	0.41"	2.63"	130	0.08
S0221-0050	2"	0.63"	0.41"	2.71"	130	0.10

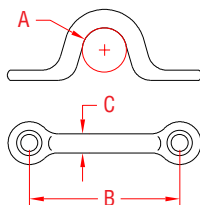
NOTE:
NEW "SLIMLINE" BAIL FOR WEBBING. SPECIAL TORSION SPRING GATE FOR LONGER LIFE. COMBINATION POSSIBLE WITH STAR ADJUSTER™ (S0217-0025, PAGE 105).

SEE COMBINATIONS ON PAGE 100 AND 101 FOR READY-MADE ASSEMBLIES.



PAD EYE

304 STAINLESS STEEL



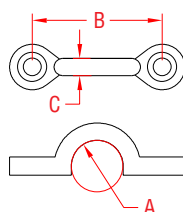
ITEM	SIZE	A	B	C	WLL	WT
		(max. diameter)			(lb)	(lb)
S3719-0004	5/32"	0.46"	1.25"	0.15"	300	0.01
S3719-0005	3/16"	0.56"	1.57"	0.19"	400	0.02
S3719-0006	1/4"	0.63"	1.75"	0.23"	500	0.03
S3719-0008	5/16"	0.63"	1.95"	0.31"	600	0.06

NOTE:
ROUND CROSS-SECTION PREVENTS CHAFE OF ROPE.

REFERENCE "FASTENER MATCHING CHART" (PAGE 156-157) FOR COMPATIBLE FASTENERS.

HEAVY DUTY PAD EYE

316 STAINLESS STEEL



ITEM	SIZE	A	B	C	WLL	WT
		(max. diameter)			(lb)	(lb)
S3719-1005	5/8"	0.40"	1.40"	0.19"	350	0.03

NOTE:
ITEM IS CAST. ROUND BAR PREVENTS CHAFE OF ROPE.

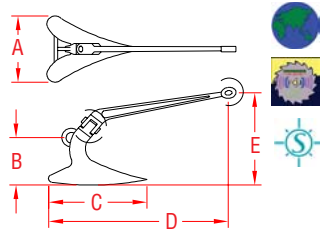
REFERENCE "FASTENER MATCHING CHART" (PAGE 157) FOR COMPATIBLE FASTENERS.

ANCHORS

ANCHORS

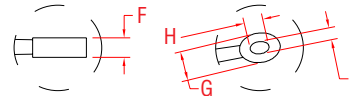
PLOWMASTER™ ANCHOR

316 STAINLESS STEEL
MIRROR POLISHED



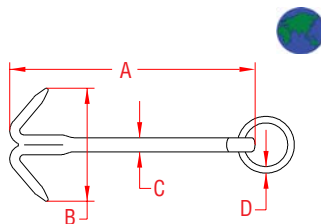
ITEM	SIZE	A	B	C	D	E	F	G	H	I
S7025-0000	25 lb.	12.0"	7.8"	16.5"	30.5"	13.0"	0.6"	2.0"	1.4"	0.7"
S7035-0000	35 lb.	12.8"	8.5"	17.5"	34.5"	14.0"	0.6"	2.3"	1.5"	0.8"
S7045-0000	45 lb.	14.3"	10.0"	20.0"	39.0"	17.0"	0.7"	2.4"	1.5"	0.8"
S7060-0000	60 lb.	15.8"	11.0"	21.0"	41.5"	18.0"	0.8"	2.9"	1.8"	0.9"
S7080-0000	80 lb.	17.5"	12.0"	25.0"	45.0"	19.0"	0.9"	2.9"	2.0"	1.0"
S7090-0000	100 lb.	21.0"	13.5"	29.0"	52.0"	20.0"	0.8"	2.9"	1.0"	1.0"
S7095-0000	150 lb.	22.5"	14.0"	32.0"	55.5"	20.0"	1.0"	2.9"	1.0"	1.0"

NOTE:
PRECISION CUT AND POLISHED FROM 316 STAINLESS STEEL,
THEN WELDED AND HAND POLISHED.



HOOK ANCHOR

316 STAINLESS STEEL



ITEM	SIZE	A	B	C	D
S7601-0000	1 lb.	7.87"	5.62"	0.50"	0.25"
S7602-0000	2 lb.	9.44"	8.53"	0.63"	0.31"
S7603-0000	4 lb.	12.40"	10.47"	0.75"	0.38"

NOTE:
HOOK ANCHOR FEATURES 4 FIXED PRONGS AND A ROUND RING FOR
EASY ATTACHMENT TO CHAIN OR ROPE. IT IS IDEAL FOR LIGHT DUTY
APPLICATIONS, INCLUDING, SMALL CRAFTS, DINGHIES, JETSKIS,
CANOES, KAYAKS AND SMALL BOATS.

FOLDING GRAPNEL ANCHOR

CAST IRON
GALVANIZED



ITEM	SIZE	LENGTH	WIDTH		SHACKLE
			(open)	(closed)	
G8001-MKII	1.5 lb.	7.00"	6.75"	2.00"	3/16"
G8003-MKII	3 lb.	12.00"	10.00"	2.50"	1/4"
G8005-MKII	5 lb.	12.75"	13.50"	2.63"	5/16"
G8008-MKII	7 lb.	16.00"	16.50"	3.00"	5/16"
G8012-MKII	12 lb.	18.00"	17.00"	3.50"	3/8"
G8033-MKII	33 lb.	26.00"	25.00"	6.00"	1/2"

NOTE:
ANCHORS INCLUDE ONE SHACKLE.
GOOD FOR SMALL CRAFT IN ROCKS AND MUDDY BOTTOMS.

PAK-ANCHOR™ KIT

INCLUDES LINE, ANCHOR, SNAP AND BAG



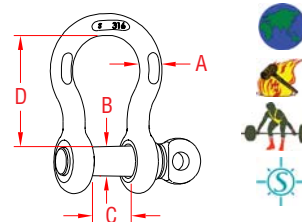
ITEM	ANCHOR	COLOR	LINE LENGTH	WT
	(size)			(lb)
C8003-BL20	3 lb.	BLUE	20 FEET	4.10
C8003-BL40	3 lb.	BLUE	40 FEET	4.85
C8003-LM20	3 lb.	MAROON	20 FEET	4.10
C8003-LM40	3 lb.	MAROON	40 FEET	4.85
C8003-TL20	3 lb.	TEAL	20 FEET	4.10
C8003-TL40	3 lb.	TEAL	40 FEET	4.85

NOTE:
KIT IS IDEAL FOR JETSKIS, CANOES, KAYAKS, AND SMALL BOATS. KIT
INCLUDES STAINLESS SNAP, SHACKLE, THIMBLE, ANCHOR, LINE AND
DRIP-DRY MESH BAG.

KIT IS PACKAGED WITH BAR CODE.

ANCHOR SHACKLE

316-NM STAINLESS STEEL
WITH OVERSIZE SCREW PIN

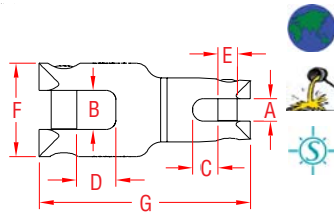


ITEM	A	B	C	D	WLL	WT
	(size)				(lb)	(lb)
S0116-FS05	3/16"	0.26"	0.41"	0.83"	650	0.05
S0116-FS07	1/4"	0.31"	0.47"	1.11"	1,000	0.10
S0116-FS08	5/16"	0.38"	0.53"	1.20"	1,300	0.17
S0116-FS10	3/8"	0.44"	0.66"	1.41"	1,500	0.30
S0116-FS12	7/16"	0.50"	0.72"	1.77"	2,000	0.50
S0116-FS13	1/2"	0.63"	0.82"	1.83"	3,000	0.71
S0116-FS16	5/8"	0.75"	1.02"	2.41"	4,000	1.39
S0116-FS20	3/4"	0.88"	1.25"	2.84"	6,000	2.31
S0116-FS22	7/8"	1.00"	1.48"	3.30"	8,000	3.64
S0116-FS25	1"	1.13"	1.70"	3.80"	10,000	5.18
S0116-FS32	1-1/4"	1.38"	2.03"	4.69"	14,000	9.88

NOTE: I/A/W FED SPEC RR-C-271D, TYPE IVA, CLASS 2, EXCEPT 316
STAINLESS. MARKED TO THE NEAREST FRACTIONAL TON.

ANCHOR SWIVEL

17-4 PH STAINLESS STEEL

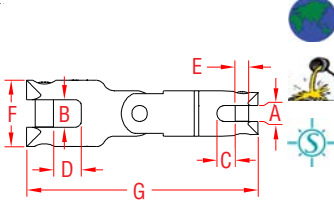


ITEM	SIZE	A	B	C	D	E	F	G	BL	WT
	(for chain)								(lb)	(lb)
S0190-0008	1/4 - 5/16"	0.38"	0.65"	0.50"	0.81"	0.31"	1.90"	3.81"	8,500	9.96
S0190-0013	3/8 - 1/2"	0.59"	0.85"	0.67"	1.25"	0.50"	2.35"	5.50"	15,000	2.18
S0190-0020	1/2 - 3/4"	0.88"	1.52"	1.01"	1.53"	0.75"	3.64"	8.24"	25,000	9.39
NOTE: HEAVY DUTY ANCHOR RODE SWIVEL. SLEEK DESIGN WITH SOLID SCREW PINS. SWIVEL SPINS 360 DEGREES. EQUIPPED WITH SOLID BRONZE THRUST WASHER. THREAD LOCKING LIQUID INCLUDED FOR CROSS PINS.										
REPLACEMENT PINS										
S0190-RP08		5/16"								
S0190-RP13		1/2"								
S0190-RP20		3/4"								



UNIVERSAL ANCHOR SWIVEL

17-4 PH STAINLESS STEEL

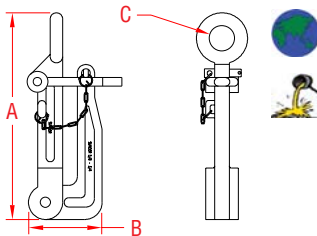


ITEM	SIZE	A	B	C	D	E	F	G	BL	WT
	(chain)								(lb)	(lb)
S0190-X008	1/4" - 5/16"	0.38"	0.65"	0.50"	0.81"	0.31"	1.90"	5.55"	8,500	1.40
S0190-X013	3/8" - 1/2"	0.59"	0.85"	0.67"	1.25"	0.50"	2.35"	8.06"	15,000	3.34
S0190-X020	1/2" - 3/4"	0.88"	1.52"	1.01"	1.53"	0.75"	3.64"	12.68"	25,000	13.82
NOTE: HEAVY DUTY ANCHOR RODE SWIVEL. SLEEK DESIGN WITH SOLID SCREW PINS. SWIVEL SPINS 360 DEGREES. EQUIPPED WITH SOLID BRONZE THRUST WASHER. THREAD LOCKING LIQUID INCLUDED FOR CROSS PINS.										
REPLACEMENT PINS										
S0190-RP08		5/16"								
S0190-RP13		1/2"								
S0190-RP20		3/4"								



USCG CHAIN STOPPER

316 STAINLESS STEEL



ITEM	A	B	C	WT
	(size)			(lb)
S0180-0300	12"	4.25"	1.48"	9.05
NOTE: CAN BE USED ON 5/8" AND 3/4" CHAIN. POLISH IS MIRROR FINISH. SET INCLUDES STAINLESS TOGGLE SAFETY PIN WITH CHAIN. USE ANY SUITABLE 3/4" SIZE TURNBUCKLE (PAGES 16-18) FOR TENSIONING CHAIN.				

CHAIN AND SPLICED ROPE

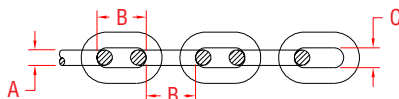
316L STAINLESS STEEL & 3-STRAND TWIST



ITEM	CHAIN		ROPE		WLL	WT
	(size)	(length)	(size)	(length)		
S0661-1007-0	1/4"	10 FT.	1/2"	150 FT.	1,825	18.50
S0661-1507-2	1/4"	15 FT.	1/2"	200 FT.	1,825	25.60
S0661-1508-1	5/16"	15 FT.	9/16"	150 FT.	2,400	29.00
S0661-2008-2	5/16"	20 FT.	9/16"	200 FT.	2,400	38.50
S0661-1510-1	3/8"	15 FT.	5/8"	150 FT.	3,750	40.00
S0661-2510-3	3/8"	25 FT.	5/8"	250 FT.	3,750	66.00
NOTE: THE STANDARD CHAIN IS 316L S0601(S1) WITH S4 AVAILABLE ON SPECIAL ORDER. BOTH ARE SHOWN ON PAGE 11. ROPE IS TREATED 3-STRAND TWIST AND IS PROFESSIONALLY SPLICED DIRECTLY TO THE CHAIN WITH A TAPERED SPLICE. SUNCOR CAN CUSTOMIZE THIS ANCHOR RODE COMBINATION. PLEASE CALL WITH YOUR SPECIFICATIONS. ALLOW ONE TO TWO WEEKS FOR DELIVERY. CUSTOM ORDERS ARE NOT RETURNABLE.						

SELECTED ANCHOR CHAIN

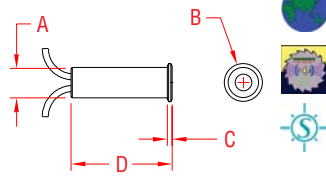
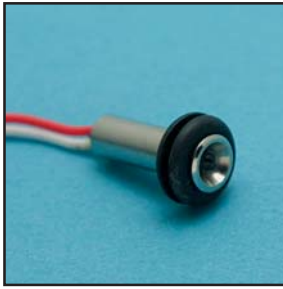
316L STAINLESS STEEL



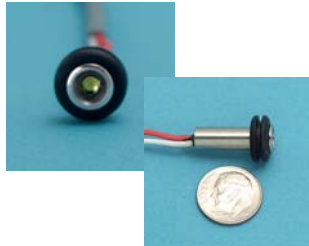
ITEM	SIZE	A	B	C	WLL	BL	WT
					(lb)	(lb)	(lb/ft)
S0601-0007	1/4" (9/32)	0.28"	0.87"	0.36"	2,000	8,000	0.76
S0601-0008	5/16"	0.32"	0.95"	0.41"	2,400	9,600	0.94
S0601-0010	3/8"	0.39"	1.10"	0.54"	3,750	15,000	1.60
S0601-0013	1/2"	0.51"	1.38"	0.74"	6,500	26,000	2.74
S0604-0007	1/4" (9/32)	0.28"	0.84"	0.40"	2,000	8,000	0.67
S0604-0008	5/16"	0.32"	1.02"	0.47"	2,400	9,600	0.92
S0604-0010	3/8"	0.39"	1.22"	0.57"	3,550	14,200	1.60
S0604-0013*	1/2"	0.51"	1.59"	0.76"	6,500	26,000	2.10
S0602-0007	1/4"	0.25"	1.00"	0.43"	1,570	6,280	0.57
S0602-0008	5/16"	0.32"	0.94"	0.46"	2,400	9,600	0.98
S0602-0010	3/8"	0.39"	1.22"	0.57"	3,550	14,200	1.60
S0602-0012*	1/2" (7/16)	0.47"	1.50"	0.78"	5,400	21,600	2.00

MICRO STAR™

HOUSING: 316 STAINLESS



NOTE:
SMALLEST SELF CONTAINED LED ON THE MARKET, ONLY NEEDS 1/4" BORE FOR HOUSING OR 3/8" IF USED WITH GROMMET. MICRO STAR™ SITS FLUSH IN RECESSED AREA. WATERPROOF.

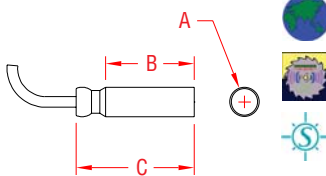


ITEM	A	B	C	D	WIRE	COLOR	WT
	(size)						(lb)
12 VOLT DC							
S0801-0000	1/4"	0.312"	0.09"	0.825"	24.00"	white	0.02
S0801-000R	1/4"	0.312"	0.09"	0.825"	24.00"	red	0.02
S0801-000B	1/4"	0.312"	0.09"	0.825"	24.00"	blue	0.02
S0801-000G	1/4"	0.312"	0.09"	0.825"	24.00"	green	0.02
S0801-000Y	1/4"	0.312"	0.09"	0.825"	24.00"	yellow	0.02
24 VOLT DC							
S0802-0000	1/4"	0.312"	0.09"	0.825"	24.00"	white	0.02
S0802-000R	1/4"	0.312"	0.09"	0.825"	24.00"	red	0.02
S0802-000Y	1/4"	0.312"	0.09"	0.825"	24.00"	yellow	0.02
SPACER:							
S0841-0030	30°						



TRI STAR

HOUSING: 316 STAINLESS



NOTE:
VERY COMPACT SELF CONTAINED UNIT WITH 3 LEDS. LARGE ENOUGH TO USE IN LANDSCAPE BETWEEN PLANTS, ROCKS OR PAVING. WATERPROOF TO 10 FEET; MOST EFFICIENT IN POWER CONSUMPTION 20 MA @13 VDC (TYPICAL), THE SAME AS ONE SINGLE MICRO STAR™.

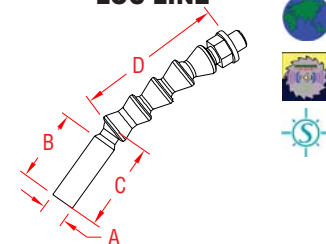


ITEM	A	B	C	COLOR	WT
	(size)				(lb)
12 VOLT					
S0803-0000	1/2"	1.50"	2.00"	white	0.07
S0803-000R	1/2"	1.50"	2.00"	red	0.07



TRI STAR WITH STALK

HOUSING: 316 STAINLESS, LOC-LINE™



NOTE:
TRI STAR IS ATTACHED TO FLEXIBLE STALK. MOST EFFICIENT IN POWER CONSUMPTION 20 MA @13 VDC (TYPICAL), PLUS THE ADDITION OF DIRECTING LIGHT WHERE NEEDED. IDEAL FOR CHART TABLES, AS A WORKLIGHT ON MACHINES AND IN LANDSCAPE OR ARCHITECTURAL APPLICATIONS.

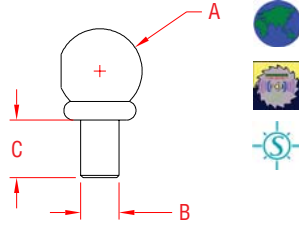


ITEM	A	B	C	D	COLOR	WT
	(size)					(lb)
12 VOLT						
S0803-1040	1/2"	1.50"	2.00"	4.00"	white	0.10
S0803-104R	1/2"	1.50"	2.00"	4.00"	red	0.10
S0803-1080	1/2"	1.50"	2.00"	8.00"	white	0.13
S0803-108R	1/2"	1.50"	2.00"	8.00"	red	0.13
S0803-1120	1/2"	1.50"	2.00"	12.00"	white	0.16
S0803-112R	1/2"	1.50"	2.00"	12.00"	red	0.16



TRI STAR BALL

HOUSING: 316 STAINLESS



NOTE:
 SELF CONTAINED BALL HOUSING HAS 3 LEDS AND IS THREADED. COMES WITH NUT. IT HAS ALL THE FEATURES OF THE TRI STAR: WATERPROOF TO 10 FEET; MOST EFFICIENT IN POWER CONSUMPTION 20 MA@13 VDC (TYPICAL). IDEAL FOR RAILINGS AND OTHER ARCHITECTURAL AND MARINE APPLICATIONS.

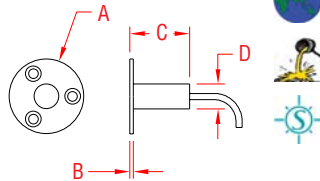


ITEM	A	B	C	COLOR	WT
	(size)				(lb)
12 VOLT					
S0803-2000	1-1/8"	0.50"	0.78"	white	0.23
S0803-200R	1-1/8"	0.50"	0.78"	red	0.23



TRI STAR FACEMOUNT

HOUSING: 316 STAINLESS



NOTE:
 A VERY LOW PROFILE VERSION OF THE TRI STAR WITH ALL ITS FEATURES: WATERPROOF TO 10 FEET; MOST EFFICIENT IN POWER CONSUMPTION 20 MA @13 VDC (TYPICAL). THE SELF-CONTAINED HOUSING PROTRUDES ONLY 1/16" AND CAN BE MOUNTED FROM THE FRONT USING COUNTERSUNK SCREWS FOR EASY REMOVAL OR RIVETS FOR ADDED SECURITY.



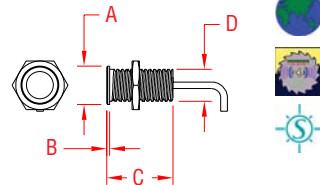
ITEM	A	B	C	D	COLOR	WT
	(size)					(lb)
12 VOLT						
S0803-5000	1-1/2"	0.13"	1.20"	0.50"	white	0.08
S0803-500R	1-1/2"	0.13"	1.20"	0.50"	red	0.08

NOTE:
 REFERENCE "FASTENER MATCHING CHART" (PAGE 154-155) FOR COMPATIBLE FASTENERS.

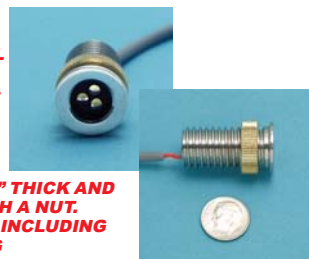


TRI STAR BACK MOUNT

HOUSING: 316 STAINLESS



NOTE:
 A VERY LOW PROFILE AND SMALL FACE VERSION OF THE TRI STAR WITH ALL ITS FEATURES: WATERPROOF TO 10 FEET; MOST EFFICIENT IN POWER CONSUMPTION 20 MA @13 VDC (TYPICAL). IT CAN BE MOUNTED THROUGH MATERIAL UP TO 3/4" THICK AND SECURED FROM THE BACK WITH A NUT. FRONT IS COMPLETELY FLUSH, INCLUDING A RESIN OVER THE LED, GIVING DIFFUSED LIGHT.

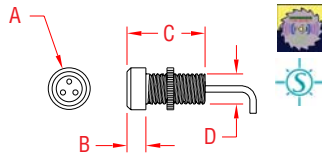


ITEM	A	B	C	D	COLOR	WT
	(size)					(lb)
12 VOLT						
S0803-6000	3/4"	0.06"	1.27"	0.63"	white	0.09
S0803-600R	3/4"	0.06"	1.27"	0.63"	red	0.09

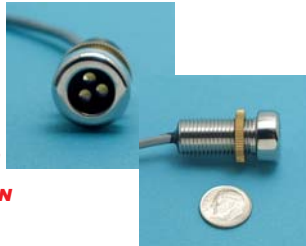


TRI STAR BULKHEAD MOUNT

HOUSING: 316 STAINLESS



NOTE:
SELF CONTAINED HEAVY DUTY
THREADED HOUSING WITH ALL
THE FEATURES OF THE TRI STAR.
FOR INDUSTRIAL OR MARINE
APPLICATIONS. IT CAN BE
MOUNTED THROUGH MATERIAL
UP TO 3/4" THICK AND SECURED
FROM THE BACK WITH THE NUT.
LED IS NOT COVERED BY A RESIN
ALLOWING DIRECT LIGHT.

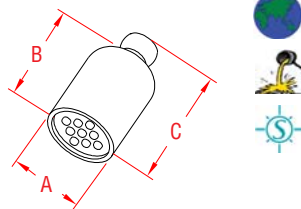


ITEM	A	B	C	D	COLOR	WT
	(size)					(lb)
12 VOLT						
S0803-7000	3/4"	0.31"	1.30"	0.50"	white	0.05
S0803-700R	3/4"	0.31"	1.30"	0.50"	red	0.05



9 STAR CLUSTER

HOUSING: 316 STAINLESS



NOTE:
SUNCOR'S BRIGHTEST STAR:
LIGHT OUTPUT IS 9X THE
MICRO STAR™. SELF CONTAINED
HOUSING WITH 9 LED. CAN
BE ATTACHED TO FLEXIBLE
STALK TO GET ADJUSTABLE
SUPERIOR LIGHT WHERE
NEEDED. IDEAL FOR CHART
TABLES, AS WORKLIGHT, SPOTLIGHT OR IN
LANDSCAPE APPLICATIONS. WATERPROOF TO
10 FEET, POWER CONSUMPTION 60 MA @13
VDC (TYPICAL).

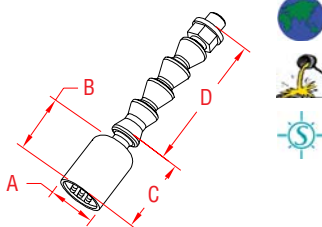


ITEM	A	B	C	COLOR	WT
	(size)				(lb)
12 VOLT					
S0809-0000	1"	1.31"	1.75"	white	0.14
S0809-000R	1"	1.31"	1.75"	red	0.14
S0809-000Y	1"	1.31"	1.75"	yellow	0.14



9 STAR CLUSTER WITH STALK

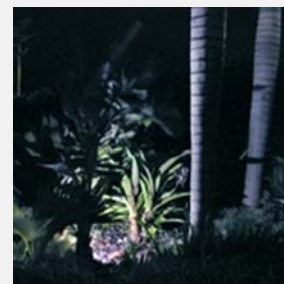
HOUSING: 316 STAINLESS,
LOC-LINE™



NOTE:
SUNCOR'S BRIGHTEST STAR:
LIGHT OUTPUT IS 9X THE
MICRO STAR™. SELF CONTAINED
HOUSING WITH 9 LED.
FLEXIBLE STALK IS EITHER
4", 8" OR 12" LONG.
WATERPROOF TO 10 FEET,
POWER CONSUMPTION
60 MA @13 VDC (TYPICAL).



ITEM	A	B	C	D	COLOR	WT
	(size)					(lb)
12 VOLT						
S0809-1040	1"	1.31"	1.75"	4.00"	white	0.17
S0809-104R	1"	1.31"	1.75"	4.00"	red	0.17
S0809-104Y	1"	1.31"	1.75"	4.00"	yellow	0.17
S0809-1080	1"	1.31"	1.75"	8.00"	white	0.20
S0809-108R	1"	1.31"	1.75"	8.00"	red	0.20
S0809-108Y	1"	1.31"	1.75"	8.00"	yellow	0.20
S0809-1120	1"	1.31"	1.75"	12.00"	white	0.23
S0809-112R	1"	1.31"	1.75"	12.00"	red	0.23
S0809-112Y	1"	1.31"	1.75"	12.00"	yellow	0.23



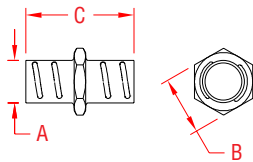
MICRO STAR™ TRANSFORMER



ITEM	A (width)	B (height)	C (depth)	INPUT	OUTPUT	WT (lb)
DC TRANSFORMER						
S0832-0001	2.20"	3.63"	1.50"	120V-60HZ	12 Volts DC/ 1AMP	0.64
NOTE: UL APPROVED. FOR USE WITH ALL SUNCOR LED LIGHTING PRODUCTS. FEATURES AN OPTICAL LIGHT SENSOR WHICH AUTOMATICALLY TURNS LIGHTS "ON" AT NIGHT AND "OFF" AT DAYBREAK. HEAVY-DUTY WATER RESISTANT CONSTRUCTION PROVIDES YEARS OF RELIABLE SERVICE. MOUNTING HARDWARE SUPPLIED.						

SCREW-IN COUPLING

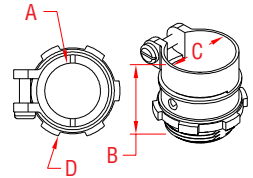
316 STAINLESS STEEL



ITEM	A (size)	B	C	WT (lb)
S0851-0013	1/2"	0.94"	1.81"	0.05
S0851-0020	3/4"	1.10"	2.08"	0.07
S0851-0025	1"	1.35"	2.45"	0.12
NOTE: FOR USE WITH FLEXIBLE CONDUIT.				

STRAIGHT CONNECTOR

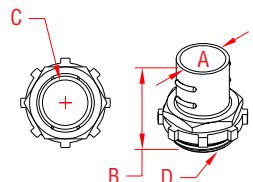
316 STAINLESS STEEL



ITEM	A (size)	B	C	D	WT (lb)
S0852-0010	3/8"	0.99"	0.60"	0.75"	0.08
S0852-0013	1/2"	1.48"	0.95"	0.75"	0.11
S0852-0020	3/4"	1.59"	1.08"	1.00"	0.18
S0852-0025	1"	1.99"	1.35"	1.25"	0.28
S0852-0032	1-1/4"	2.05"	1.62"	1.50"	0.39
NOTE: FOR USE WITH FLEXIBLE CONDUIT.					

SCREW-IN CONNECTOR

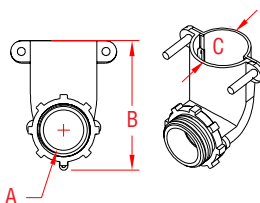
316 STAINLESS STEEL



ITEM	A (size)	B	C	D	WT (lb)
S0853-0010	3/8"	1.31"	0.28"	0.75"	0.07
S0853-0013	1/2"	1.36"	0.48"	0.75"	0.08
S0853-0020	3/4"	1.49"	0.69"	1.00"	0.12
S0853-0025	1"	1.82"	0.86"	1.25"	0.20
S0853-0032	1-1/4"	1.99"	1.07"	1.50"	0.29
NOTE: FOR USE WITH FLEXIBLE CONDUIT.					

ELBOW CONNECTOR

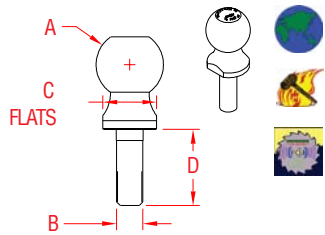
316 STAINLESS STEEL



ITEM	A (size)	B	C	WT (lb)
S0854-0010	3/8"	1.89"	0.44"	0.13
S0854-0013	1/2"	2.17"	0.67"	0.16
S0854-0020	3/4"	2.41"	0.84"	0.24
S0854-0025	1"	2.96"	1.16"	0.46
S0854-0032	1-1/4"	3.79"	1.58"	1.01
NOTE: FOR USE WITH FLEXIBLE CONDUIT.				

HITCH BALL

304 STAINLESS STEEL

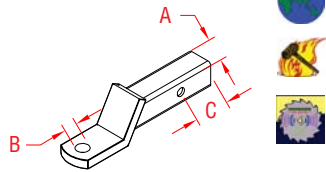


ITEM	A	B	C	D	CAPACITY	WT
	(ball size)	(shank)			(lb)	(lb)
C0260-4720	1-7/8"	0.75"	1.50"	2.12"	2,000	1.83
C0260-4725	1-7/8"	1.00"	1.50"	2.12"	2,000	2.25
C0260-5020	2"	0.75"	1.75"	2.12"	3,500	2.10
C0260-5025	2"	1.00"	1.75"	2.12"	5,000	2.56
C0260-6025	2-5/16"	1.00"	2.00"	2.12"	6,000	3.00

NOTE:
MIRROR POLISHED. SOLID 304. TWO FLATS AT THE BASE ALLOW EASY HOLDING DURING INSTALLATION. TORQUE TO 160 FT LB MIN. TOWING CAPACITY AND SIZE ARE PERMANENTLY MARKED ON TOP. SOLD WITH LOCK WASHER AND NUT IN CLAMSHELL PACK.

TRAILER TONGUE

304 STAINLESS STEEL



ITEM	A	B	C	WT
	(size)			(lb)
C0266-0000	2"	1.00"	2.75"	7.82

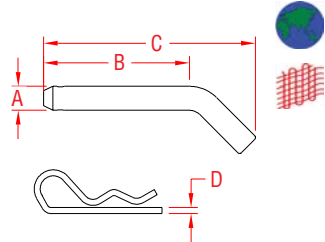
SPACER w/ WASHER FOR 3/4" SHANK
C0266-0001 0.16

NOTE:
PRECISION CRAFTED AND MIRROR POLISHED, THIS HEAVY DUTY TRAILER TONGUE IS DESIGNED TO FIT INTO A 2" RECEIVER AND IS DRILLED TO ACCEPT A 1" SHANK HITCH BALL. SPACER & WASHER AVAILABLE TO ACCOMMODATE SUNCOR'S 3/4" SHANK HITCH BALLS. PACKAGED WITH BARCODE AND LABEL.



TRAILER PIN

304 STAINLESS STEEL

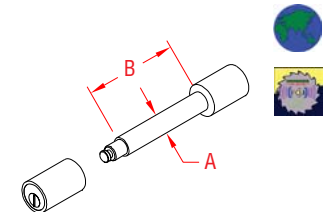


ITEM	A	B	C	D	WT
	(size)				(lb)
C0267-0000	5/8"	4.00"	5.05"	5/32"	0.55

NOTE:
PIN DESIGNED FOR SQUARE RECEIVER HITCH, INCLUDES RETAINING PIN. HEAVY-DUTY CONSTRUCTION. NON-CORROSIVE STAINLESS STEEL, ASSURES YEARS OF SERVICE AND DURABILITY. PACKAGED AND BARCODED.

LOCKING TRAILER PIN

304 STAINLESS STEEL



ITEM	A	B	WT
	(size)		(lb)
C0267-1000	1/2" or 5/8"	2.72"	1.05

NOTE:
MADE FROM HIGH QUALITY STAINLESS STEEL, SUNCOR'S TRAILER PIN LOCK OFFERS YEARS OF SERVICE AND RELIABILITY. HEAVY-DUTY CONSTRUCTION FEATURES A "NO FAIL" LOCKING LUG THAT IS BUILT TO LAST. EASY OPERATION. TURN THE KEY TO LOCK AND UNLOCK, WHICH MEANS IT CANNOT BE MISTAKINGLY LOCKED. CORROSION RESISTANT. FEATURES A REMOVABLE SLEEVE TO ADAPT TO EITHER 1/2" OR 5/8" THROUGH HOLE DIAMETERS. INCLUDES TWO KEYS. PACKAGED AND BARCODED.

TRAILER KIT

304 STAINLESS STEEL



Kit Includes:

- Trailer Tongue
- Hitch Ball
- Trailer Pin w/ Ret. Pin
- Durable Carrying Case

ITEM	A	B	C	CAPACITY	WT
	(hitch ball)	(tongue)	(pin)	(lb)	(lb)
C0268-2000	1-7/8"	2"	5/8"	2,000	10.50
C0268-3500	2"	2"	5/8"	3,500	10.81
C0268-6000	2-5/16"	2"	5/8"	6,000	11.25

NOTE:
COMPLETE STAINLESS STEEL TRAILER KIT. EVERYTHING NEEDED FOR DEPENDABLE TOWING. PRECISION MADE COMPONENTS IN A CONVENIENT CARRYING CASE. REFER TO OTHER PAGES IN CHAPTER FOR MORE INFORMATION ON THESE COMPONENTS AND OTHER TRAILER PRODUCTS.

THIS TRAILER KIT FEATURES SUNCOR'S QUALITY 1" SHANK HITCH BALLS, 2" SQUARE TRAILER TONGUE, AND 5/8" TRAILER PIN WITH RETAINING PIN SHOWN ABOVE. PACKAGED AND BARCODED.

TRAILER COUPLER 304 STAINLESS STEEL



ITEM	BALL (size)	CHANNEL WIDTH (width)	TOWING CAPACITY (lb)	WT (lb)
C0265-4765	1-7/8"	2.50"	2,000	2.42
C0265-5050	2"	2.00"	3,500	3.85
C0265-5065	2"	2.50"	3,500	4.18
C0265-5075	2"	3.00"	3,500	4.38

PRECISION FORMED, MIRROR POLISHED, SOLID 304. QUALITY LATCHING MECHANISM FEATURES A HEAVY DUTY SAFETY LATCH TO HELP PREVENT ACCIDENTAL UNCOUPLING AND A PADLOCK HOLE WITH PROVIDED "QUICK PIN" FOR TRAILER SECURITY. USES 1/2" X 3" BOLTS. TOWING CAPACITY AND SIZE ARE PERMANENTLY MARKED ON TOP. SOLD IN PROTECTIVE CLAMSHELL PACK.

CAUTION: CHECK NUT ON COUPLER BOTTOM AND TIGHTEN BEFORE USE.

TRAILER WINCH 304 / 410 STAINLESS STEEL



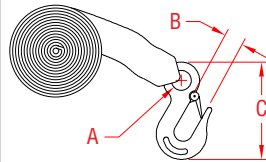
ITEM	LENGTH (size)	WIDTH	HEIGHT	WLL (lb)	WT (lb)
C0270-0001	7.25"	4.25"	6.00"	1,200	5.60

NOTE: RATCHET LEVER CAN BE SET TO FORWARD, NEUTRAL OR REVERSE. MEASURED WITHOUT HANDLE INSTALLED.

C0270-2001	WINCH WITH STRAP AND HOOK				6.89
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NOTE: WINCH AS ABOVE WITH WEBBING AND HOOK INCLUDED. ASSEMBLY IS WINCH, AN INSTALLED 20' WEB STRAP AND A FORGED EYE HOOK. REPLACEMENT STRAPS SOLD SEPARATELY: S0270-2050.

WEBBING AND HOOK 316 STAINLESS STEEL



ITEM	WEBBING (length)	A	B	C	WLL (lb)	WT (lb)
C0270-2050	20 FT.	0.64"	0.70"	4.00"	1,600	1.25

NOTE: HOOK IS FORGED STAINLESS 316 WITH SAFETY LATCH, ITEM S0454-0008 SHOWN ON PAGE 56.

WEBBING IS HIGH QUALITY, BLACK NYLON.

CAN BE USED SEPARATELY OR WITH WINCH S0270-0001. SIZE, WLL, LOGO, AND SS316 ARE PERMANENTLY FORGED INTO BODY OF HOOK.

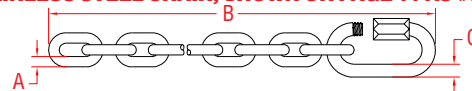
TRAILER CHAIN PACK 316L STAINLESS STEEL



ITEM	A (size)	B (length)	C (end link)	WLL (lb)	WT (lb)
C0275-0001	1/4"	24"	5/16"	1,600	1.35
C0275-0002	5/16"	24"	3/8"	2,400	2.20
C0275-0001-2	1/4"	24"	5/16"	1,600	2.70
C0275-0002-2	5/16"	24"	3/8"	2,400	4.40

NOTE:

FOR ADDITIONAL SAFETY, THIS KIT CONTAINS ONE HIGH QUALITY QUICK LINK, PERMANENTLY MARKED WITH WLL, LOGO, SS316. CHAIN IS U.S. PRODUCED STAINLESS STEEL CHAIN, SHOWN ON PAGE 11 AS #S0602.



RATCHET ASSEMBLY - "S" HOOKS 304 STAINLESS STEEL & WEBBING



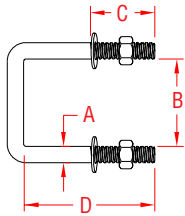
ITEM	WEBBING (width)	LENGTH (overall)	LENGTH (fixed end)	WLL (lb)	HOOKS (part #)	WT (lb)
S0201-SS05	1"	5'	12"	200	S0212-0025	0.85
S0201-SS10	1"	10'	12"	200	S0212-0025	0.99
S0201-SS20	1"	20'	12"	200	S0212-0025	1.29
S0203-SS05	1-1/2"	5'	14"	300	S0212-0038	2.38
S0203-SS10	1-1/2"	10'	14"	300	S0212-0038	2.58
S0203-SS20	1-1/2"	20'	14"	300	S0212-0038	2.98
S0204-SS05	2"	5'	17"	400	S0212-0050	3.72
S0204-SS10	2"	10'	17"	400	S0212-0050	4.01
S0204-SS20	2"	20'	17"	400	S0212-0050	4.61

NOTE:

FOR MORE DETAILS ON THIS RATCHET ASSEMBLY AND OTHERS, PLEASE REFER TO PAGES 97-107 IN THE WEBBING SECTION OF THIS CATALOG.

TRAILER U-BOLT

304 STAINLESS STEEL

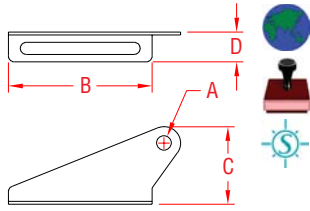


ITEM	A	THREAD	B	C	D	WLL	WT
	(size)					(lb)	(lb)
S0276-102X4	1/2"	1/2" - 13	2.13"	1.50"	4.00"	2,020	0.68
S0276-103X3	1/2"	1/2" - 13	3.13"	1.50"	3.00"	2,020	0.65
S0276-103X4	1/2"	1/2" - 13	3.13"	1.50"	4.00"	2,020	0.70
S0276-103X5	1/2"	1/2" - 13	3.13"	1.50"	5.00"	2,020	0.75
S0276-103X6	1/2"	1/2" - 13	3.13"	1.50"	6.00"	2,020	0.80
S0276-104X3	1/2"	1/2" - 13	4.13"	1.50"	3.00"	2,020	0.70

NOTE:
STAINLESS TRAILER U-BOLTS ARE INTENDED TO REPLACE OR UPGRADE ORIGINAL TRAILER PARTS. EACH SET INCLUDES 2 NUTS AND 2 WASHERS.

SPLIT ROLLER BRACKET

304 STAINLESS STEEL



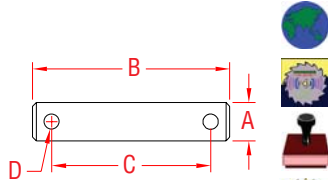
ITEM	A	B	C	D	WT
	(size)				(lb)
S0279-0001	5/8"	6.00"	3.25"	1.25"	0.50

NOTE:
SPLIT ROLLER BRACKETS ALLOW FOR ADJUSTMENT TO ANY WIDTH. ROLLER PIN HOLE IS 5/8". SOLD AS MATCHED SET, LEFT AND RIGHT. POLISHED STAINLESS 304. FASTENERS NOT INCLUDED.

OTHER BRACKETS IN STAINLESS ON SPECIAL BULK ORDER. PLEASE CALL FOR AVAILABILITY.

ROLLER SHAFTS & PALL NUTS

304 STAINLESS STEEL



ITEM	A	B	C	D	WT
	(diameter)	(length)		(cotter hole)	(lb)
S0278-07075	1/4"	3.00"	2.62"	1/8" (2)	0.05
S0278-07125	1/4"	5.00"	4.62"	1/8" (2)	0.08
S0278-07175	1/4"	7.00"	6.62"	1/8" (2)	0.11
S0278-08075	5/16"	3.00"	2.62"	1/8" (2)	0.07
S0278-08125	5/16"	5.00"	4.62"	1/8" (2)	0.12
S0278-08175	5/16"	7.00"	6.62"	1/8" (2)	0.16
S0278-10075	3/8"	3.00"	2.62"	1/8" (2)	0.10
S0278-10125	3/8"	5.00"	4.62"	1/8" (2)	0.17
S0278-10175	3/8"	7.00"	6.62"	1/8" (2)	0.23
S0278-13075	1/2"	3.00"	2.50"	1/8" (2)	0.18
S0278-13125	1/2"	5.00"	4.50"	1/8" (2)	0.29
S0278-13135	1/2"	5.38"	4.50"	1/8" (2)	0.30
S0278-13160	1/2"	6.38"	5.50"	1/8" (2)	0.36
S0278-13175	1/2"	7.00"	6.50"	1/8" (2)	0.40
S0278-16075	5/8"	3.00"	2.38"	3/16" (2)	0.27
S0278-16125	5/8"	5.00"	4.38"	3/16" (2)	0.45
S0278-16135	5/8"	5.38"	4.50"	1/8" (2)	0.48
S0278-16160	5/8"	6.38"	5.50"	1/8" (2)	0.57
S0278-16175	5/8"	7.00"	6.38"	3/16" (2)	0.62
S0278-16240	5/8"	9.38"	8.50"	1/8" (2)	0.82
S0278-16290	5/8"	11.38"	10.50"	1/8" (2)	1.01
S0278-16340	5/8"	13.38"	12.50"	1/8" (2)	1.16
S0278-20075	3/4"	3.00"	2.25"	3/16" (2)	0.39
S0278-20125	3/4"	5.00"	4.25"	3/16" (2)	0.64
S0278-20175	3/4"	7.00"	6.25"	3/16" (2)	0.89
S0278-25075	1"	3.00"	2.00"	1/4" (2)	0.67
S0278-25125	1"	5.00"	4.00"	1/4" (2)	1.12
S0278-25175	1"	7.00"	6.00"	1/4" (2)	1.57

NOTE:
DRILLED AT BOTH ENDS TO ACCEPT PROVIDED 1/8" COTTER PINS OR USE WITH PALL NUTS. SHAFTS SOLD EACH; NUTS SOLD IN PAIRS.

ITEM	A	QTY	WT
	(diameter)		(lb)
PALL NUTS			
S0278-0013-2	1/2"	PALL NUTS (2)	0.02
S0278-0016-2	5/8"	PALL NUTS (2)	0.03

For Other Tie-Down and Webbing Products, see our section starting on page 97.



For Eye Nuts and Eye Bolts, see pages 87 and 91.



For LED Lights and Replacement Bulbs, see our LED section starting on page 140.



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