



NEW FORGED SHACKLE SERIES

MARINE GRADE 316 STAINLESS
Commonly used in Marine and Industrial Applications

**NEW
PRODUCT**

MATCHING DIAMETERS

Shackle body & pin (bolt) have matching diameters for a uniform design.

DIN 931 SPEC

Hex Cap Bolts meet DIN 931 specifications.

MARKINGS

Shackle Bodies are permanently marked with size range 3/16" to 3/4".

PIN OPTIONS

Choose from 2 pin types; Forged precision threaded Screw Pin or a Bolt with Nut and Cotter Pin.

BODY STYLES

Choose from 2 shackle body styles; Forged Bow Shackle Body or "D" Shape Shackle Body.

SUNCOR STAINLESS® PULLPRO™ SERIES

The new forged shackle series is a key component used in the PullPro pulley block program.



For more information on Suncor's PullPro Series, visit www.suncorstainless.com

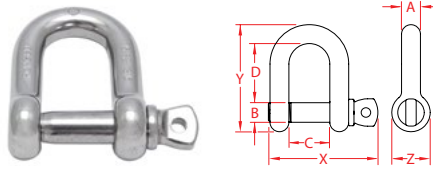


Suncor Stainless® Forged Shackle Series

- New shackles are **FORGED** resulting in:
 - Better fatigue strength for a longer product life
 - Higher strength due to manufacturing process
 - Harder material for better wear
- Forged Shackles are an expansion to Suncor's cast shackle product line
- Made from marine grade 316 stainless steel for maximum corrosion resistance and durability to withstand harsh environments.
- They are suitable for lifting as long as the specified working load limits (WLLs) are strictly adhered to. The WLLs for the series range from 500 lbs. to 5,500 lbs. (227 kg - 2,495 kg).
- Screw pin shackles are considered non-permanent, temporary attachments used for lifting or transferring objects. The screw pin allows for easy temporary installation.
- Shackles with bolts are designed for permanent attachment. They are typically used in applications where the shackle is mounted up high and/or out-of-reach. The bolt comes with a nut which is permanently secured into place with a cotter pin. Bolts meet DIN 931 Spec.

STRAIGHT D SHACKLE WITH SCREW PIN

316 STAINLESS STEEL

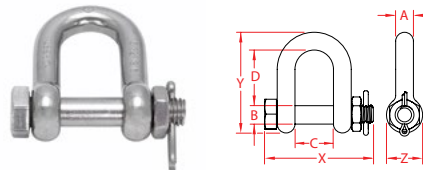


ITEM	A (size)	B	C	D	X (height)	Y (length)	Z (width)	WLL (lb)	WT (lb)
S0117-0005	3/16"	0.19"	0.41"	0.66"	1.10"	1.15"	0.41"	500	0.03
S0117-0006	1/4"	0.23"	0.52"	0.83"	1.30"	1.44"	0.47"	750	0.05
S0117-0008	5/16"	0.31"	0.66"	1.10"	1.74"	1.85"	0.62"	1,000	0.13
S0117-0010	3/8"	0.39"	0.83"	1.37"	2.24"	2.32"	0.78"	2,000	0.24
S0117-0012	15/32"	0.47"	0.98"	1.65"	2.60"	2.80"	0.94"	3,000	0.42
S0117-0016	5/8"	0.62"	1.31"	2.20"	3.40"	3.60"	1.20"	4,000	0.98
S0117-0020	3/4"	0.77"	1.62"	2.77"	4.32"	4.70"	1.57"	5,500	1.94

NOTE: PIN DIAMETER MATCHES THE SHACKLE BODY DIAMETER.

STRAIGHT D SHACKLE WITH BOLT

316 STAINLESS STEEL

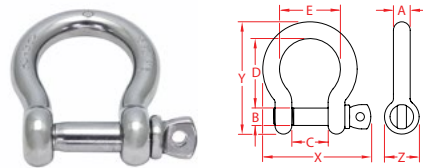


ITEM	A (size)	B	C	D	X (height)	Y (length)	Z (width)	WLL (lb)	WT (lb)
S0117-SA06	1/4"	0.23"	0.52"	0.83"	1.37"	1.44"	0.47"	750	0.05
S0117-SA08	5/16"	0.31"	0.66"	1.10"	1.77"	1.85"	0.62"	1,000	0.13
S0117-SA10	3/8"	0.39"	0.83"	1.37"	2.20"	2.32"	0.78"	2,000	0.24
S0117-SA12	15/32"	0.47"	0.98"	1.65"	2.63"	2.80"	0.94"	3,000	0.42
S0117-SA16	5/8"	0.62"	1.31"	2.20"	3.40"	3.60"	1.20"	4,000	0.98
S0117-SA20	3/4"	0.77"	1.52"	2.77"	4.30"	4.70"	1.57"	5,500	2.15

NOTE: BOLT DIAMETER MATCHES THE SHACKLE BODY DIAMETER.

BOW SHACKLE WITH SCREW PIN

316 STAINLESS STEEL

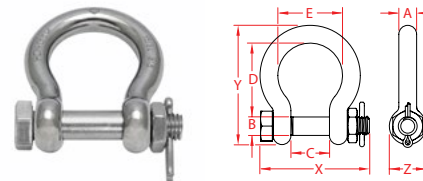


ITEM	A (size)	B	C	D	E	X (height)	Y (length)	Z (width)	WLL (lb)	WT (lb)
S0119-0005	3/16"	0.19"	0.41"	0.78"	0.67"	1.23"	1.25"	0.41"	500	0.03
S0119-0006	1/4"	0.23"	0.52"	0.93"	0.83"	1.48"	1.50"	0.47"	750	0.06
S0119-0008	5/16"	0.31"	0.66"	1.25"	1.11"	1.95"	2.05"	0.62"	1,000	0.14
S0119-0010	3/8"	0.39"	0.83"	1.57"	1.28"	2.43"	2.52"	0.78"	2,000	0.26
S0119-0012	15/32"	0.47"	0.98"	1.96"	1.50"	2.86"	3.07"	0.94"	3,000	0.46
S0119-0016	5/8"	0.62"	1.31"	2.49"	2.20"	3.96"	3.93"	1.20"	4,000	1.09
S0119-0020	3/4"	0.77"	1.62"	3.10"	2.55"	4.72"	5.13"	1.57"	5,500	2.09

NOTE: PIN DIAMETER MATCHES THE SHACKLE BODY DIAMETER.

BOW SHACKLE WITH BOLT

316 STAINLESS STEEL



ITEM	A (size)	B	C	D	E	X (height)	Y (length)	Z (width)	WLL (lb)	WT (lb)
S0119-SA06	1/4"	0.23"	0.52"	0.93"	0.83"	1.37"	1.50"	0.47"	750	0.06
S0119-SA08	5/16"	0.31"	0.66"	1.25"	1.11"	1.77"	2.05"	0.62"	1,200	0.14
S0119-SA10	3/8"	0.39"	0.83"	1.57"	1.28"	2.20"	2.52"	0.78"	2,000	0.26
S0119-SA12	15/32"	0.47"	0.98"	1.94"	1.50"	2.63"	3.07"	0.94"	3,000	0.46
S0119-SA16	5/8"	0.62"	1.31"	2.49"	2.20"	3.40"	3.93"	1.20"	4,000	1.09
S0119-SA20	3/4"	0.77"	1.62"	3.10"	2.55"	4.30"	5.13"	1.57"	5,500	2.31

NOTE: BOLT DIAMETER MATCHES THE SHACKLE BODY DIAMETER.

NOTE: ALL DIMENSIONS ARE NOMINAL (+/- 3%) AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.