

Channel Nuts With Spring



P1006 - P1010



P1012S - P1024S



P4006 - P4010



P5506 - P5510



P2378 - P2382

Channel Nuts Without Spring



P3016



P3006 - P3013



P1012 - P1024



P4012 - P4023



P1006T - P1010T, P4010T



P4908



P1016

Hardware



HHCS



HFMS



HRMS



HSHS



HCSS



HSQN



HHXN



HFLW



HLKW



HOCW



HTHR



HRCN



P2486



P2485



P2485K



K1062 - K1064

MATERIAL

Robexstrut channel nuts are manufactured from mild steel cold rolled coil, and after stamping and machining operations are completed, they are case hardened, assuring positive biting action into the inturned edge of the Robexstrut channel.

Screws conform to SAE J429 GR 2 (exceeds ASTM A307). Proof Load 55KSI, Tensile Load 74 KSI

Bolt Size	Channel Nut ASTM
1/4" & 5/16"	A1011 SS GR33
3/8", 7/16" & 1/2"	A576 GR1015 Modified
5/8" & 3/4"	A36 or A675 GR60
7/8"	A36

FINISHES

All Channel nuts are available in:

Electro-galvanized (EG), conforming to ASTM B633 type III SC1

Hot-dipped galvanized (HG), conforming to ASTM A153

Plain (PL)

Robexstrut Defender™ (DF), conforming to ASTM A1059

Hardware items such as Hex Nuts bolts and washers are Electro-Galvanized (EG), ASTM B633 Type III SC1 finish, unless otherwise noted.

Many hardware items are also available in stainless steel. Consult factory for ordering information.

THREADS

Robexstrut nuts and bolts are manufactured to meet the Unified Screw Thread standard, ANSI B1.1, coarse series (UNC) class 2.

DESIGN BOLT TORQUE

BOLT SIZE	1/4"-20	5/16"-18	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Rec.Torque Ft/Lbs (N-m)	6 (8)	11 (15)	19 (26)	50 (68)	100 (136)	125 (170)
Max Torque Ft/Lbs (N-m)	7 (9)	15 (20)	25 (34)	70 (95)	125 (170)	135 (183)

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in parenthesis or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

Many Robexstrut nuts, bolts and hardware items are also available in standard metric dimensions. Consult factory for ordering information.

P1184

CLOSURE STRIP

A4001EA



Standard length 10 Ft.

Material: Stainless steel type 304.

CHANNEL NUT WITH SPRING – USE WITH 1 1/4" CHANNEL

Part Number	Use With Channel	"W" In (mm)	Wt/100 Ft Lbs (kg/m)
P1184 SS	P1000		
	P1100	1 1/4	27
	P3300	41.3	40.2
	P4000		

CHANNEL NUT WITH SPRING – USE WITH 1 1/4" CHANNEL

	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With
	A1006-1420	1/4" -20	6(2.7)	A1000
	A1008	3/8" -16	6(2.7)	
	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With
	A4008	3/8" -16	5(2.3)	A3300, A4000

All Springs are Pre-Galvanized

CHANNEL NUT WITHOUT SPRINGS – USE WITH 1 1/4" CHANNEL

	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With 1 1/4" Channel
	P3006-1420 SS	1/4" 20	7(3.2)	Any Channel
	P3008 SS	3/8" 16	6(0.5)	
	P3010 SS	1/2" 13	6(2.4)	P1000, P1100, P2000, P3000

* Domestic stainless steel nuts are available. To designate a domestic part, insert a "U" as the sixth character in the part number. Ex: P3008U SS or P3010U SS

CHANNEL NUT WITH SPRING – USE WITH 1 1/2" CHANNEL

	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With 1 1/2" Channel
	P1006-1420*	1/4" 20	7(3.2)	P1000, P1100, P2000, P3000, P4400
	P1008*	3/8" 16	6(0.5)	
	P1010*	1/2" 13	6(2.4)	
	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With 1 1/2" Channel
	P4006-1420*	1/4" 20	7(3.2)	P3300, P4000, P4100, P4520
	P4008*	3/8" 16	6(0.1)	
	P4010*	1/2" 13	6(0.1)	
	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With 1 1/2" Channel
	P5506-1420*	1/4" 20	7(3.2)	P5000, P5500
	P5508*	3/8" 16	6(0.5)	
	P5510*	1/2" 13	6(0.5)	

* Domestic stainless steel nuts are available. To designate a domestic part, insert a "U" as the sixth character in the part number. Ex: P4006U 1420 SS or P1008U SS.

TOP SPRING CHANNEL NUTS – USE WITH 1 1/4" CHANNEL

	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Use With 1 1/4" Channel
	P4008UT SS*	3/8" 16	6(2.4)	P3300, P4000, P4100, P4400, P4520
	P1006TU1420SS*	1/4" -20	7(3.2)	Any Channel
	P1008TU SS*	3/8" -16	6(0.5)	
	Part number	Nut Size Thread	Wt/100 pcs Lbs (kg)	Any Channel Except P3300, P4000, P4400, P4520, P4100
	P1010TU SS*	1/2" -13	6(2.4)	

Top Spring stainless steel channel nuts are domestic

Note

Most fittings, as shown in this catalog are available in stainless steel or aluminum. It is recommended that stainless steel channel nuts be used with aluminum channels.