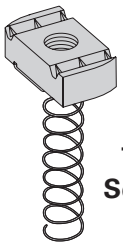
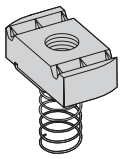
Note: See page 84 for resistance to slip & page 85 for pull-out strength.

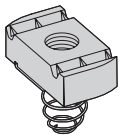
Channel nuts and hardware are sold in full box quantities.



700 Series



200 Series



500 Series

Spring Nut

Part No.	Thread Size	Fits Channel Sizes	Nut Thickness		Wt./C	
			In.	mm	Lbs.	kg
N721	#8-32	B11 & B12	1/4"	(6.3)	7.0	(3.17)
N221	#8-32	B22, B24, B32	1/4"	(6.3)	7.0	(3.17)
N521	#8-32	B42, B52, B54	1/4"	(6.3)	7.0	(3.17)
N727	#10-32	B11 & B12	1/4"	(6.3)	7.0	(3.17)
N227	#10-32	B22, B24, B32	1/4"	(6.3)	7.0	(3.17)
N527	#10-32	B42, B52, B54	1/4"	(6.3)	7.0	(3.17)
N722	#10-24	B11 & B12	1/4"	(6.3)	7.0	(3.17)
N222	#10-24	B22, B24, B32	1/4"	(6.3)	7.0	(3.17)
N522	#10-24	B42, B52, B54	1/4"	(6.3)	7.0	(3.17)
N724	1/4-20	B11 & B12	1/4"	(6.3)	6.7	(3.04)
N224	1/4-20	B22, B24, B32	1/4"	(6.3)	6.7	(3.04)
N524	1/4-20	B42, B52, B54	1/4"	(6.3)	6.7	(3.04)
N723	5/16-18	B11 & B12	1/4"	(6.3)	6.7	(3.04)
N223	5/16-18	B22, B24, B32	1/4"	(6.3)	6.7	(3.04)
N523	5/16-18	B42, B52, B54	1/4"	(6.3)	6.7	(3.04)
N728	3/8-16	B11 & B12	3/8"	(9.5)	9.3	(4.22)
N228	3/8-16	B22, B24, B32	3/8"	(9.5)	9.3	(4.22)
N528	3/8-16	B42, B52, B54	3/8"	(9.5)	9.3	(4.22)
N726	7/16-14	B11 & B12	3/8"	(9.5)	8.8	(3.99)
N226	7/16-14	B22, B24, B32	3/8"	(9.5)	8.8	(3.99)
N526	7/16-14	B42, B52, B54	3/8"	(9.5)	8.8	(3.99)
N725	1/2-13	B11 & B12	1/2"	(12.7)	11.6	(5.26)
N225	1/2-13	B22, B24, B32	1/2"	(12.7)	11.6	(5.26)
N525	1/2-13	B42, B52, B54	3/8"	(9.5)	8.8	(3.99)
N755	5/8-11	B11 & B12	1/2"	(12.7)	16.4	(7.44)
N255	5/8-11	B22, B24, B32	1/2"	(12.7)	16.4	(7.44)
N555	5/8-11	B42, B52, B54	3/8"	(9.5)	10.2	(4.62)
N775	3/4-10	B11 & B12	1/2"	(12.7)	14.5	(6.58)
N275	3/4-10	B22, B24, B32	1/2"	(12.7)	14.5	(6.58)
N575	3/4-10	B42, B52, B54	3/8"	(9.5)	8.8	(3.99)
N778	7/8-9	B11 & B12	1/2"	(12.7)	12.5	(5.67)
N278	7/8-9	B22, B24, B32	1/2"	(12.7)	12.5	(5.67)
Metric Threads						
BMS-6L	M6 x 1	B11 & B12	1/4"	(6.3)	6.9	(3.13)
BMS-6M	M6 x 1	B22, B24, B32	1/4"	(6.3)	6.9	(3.13)
BMS-6S	M6 x 1	B42, B52, B54	1/4"	(6.3)	6.9	(3.13)
BMS-8L	M8 x 1.25	B11 & B12	1/4"	(6.3)	6.7	(3.04)
BMS-8M	M8 x 1.25	B22, B24, B32	1/4"	(6.3)	6.7	(3.04)
BMS-8S	M8 x 1.25	B42, B52, B54	1/4"	(6.3)	6.7	(3.04)
BMS-10L	M10 x 1.5	B11 & B12	3/8"	(9.5)	9.6	(4.35)
BMS-10M	M10 x 1.5	B22, B24, B32	3/8"	(9.5)	9.6	(4.35)
BMS-10S	M10 x 1.5	B42, B52, B54	3/8"	(9.5)	9.6	(4.35)
BMS-12M	M12 x 1.75	B22, B24, B32	3/8"	(9.5)	9.2	(4.17)
BMS-12S	M12 x 1.75	B42, B52, B54	3/8"	(9.5)	9.2	(4.17)
BMS-D-12L	M12 x 1.75	B11 & B12	1/2"	(12.7)	12.2	(5.53)
BMS-D-12M	M12 x 1.75	B22, B24, B32	1/2"	(12.7)	12.2	(5.53)

Note: For mini channel nut information see page 245.

Reference page 78 for general fitting and standard finish specifications.

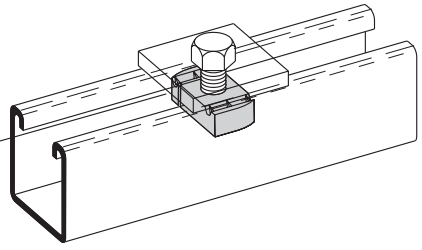
Resistance To Slip

• With Safety Factor of 3

	Thread Size	Nut Part Numbers	Resistance to Slip			
			12 ga. Channel		14 ga. Channel	
			Lbs.	N	Lbs.	N
	#8-32	**N221, N221WO,N521, N721, TN221**	50	220	50	220
	#10-24	**N222, N222WO, N522, N722, TN222**	100	440	100	440
	#10-32	**N227, N227WO, N527, N727, TN227**	100	440	100	440
	1/4"-20	**NW524*, N224, N224WO, N524, N724, TN224, STN224, SN224WO, SN224, SN524, SN724**	300	1330	300	1330
	5/16"-18	**N223, N223WO, N523, N723, TN223**	450	2000	450	2000
	3/8"-16	**NW528*, N228, N228WO, N528, N728 TN228, STN228, SN228WO, SN228, SN528, SN728**	800	3560	600	2670
	7/16"-14	**N226, N226WO, N526, N726, TN226**	1000	4450	800	3560
	1/2"-13	**N225, N225WO, N725, TN225, STN225, SN225WO, SN225, SN725**	1500	6670	1000	4450
		NW525*, N525, N525WO, TN525, STN525, SN525WO, SN525	1500	6670	1000	4450
	5/8"-11	**N255, N255WO, N755, TN255**	1500	6670	1000	4450
		N555, N555WO	1500	6670	1000	4450
	3/4"-10	**N275, N275WO, N775**	1500	6670	1000	4450
		N575, N575WO	1500	6670	1000	4450
	7/8"-9	**N278, N278WO, N778**	1500	6670	1000	4450
Metric Threads	M6 x 1	**BMS-6, BMS-6L, BMS-6M, BMS-6S, BMT-6**	300	1330	300	1330
	M8 x 1.25	**BMS-8, BMS-8L, BMS-8M, BMS-8S, BMT-8**	450	2000	450	2000
	M10 x 1.50	**BMS-10, BMS-10L, BMS-10M, BMS-10S, BMT-10**	800	3560	600	2760
	M12 x 1.75	**BMS-D-12, BMS-D-12L, BMS-D-12M, BMT-D-12**	1500	6670	1000	4450
		BMS-12, BMS-12M, BMS-12S, BMT-12	1500	6670	1000	4450

* Combo Nut Washer (see page 83)

Note:
Using stainless steel channel nuts in stainless steel channel, reduce slip loads by 50% due to hardness of material.
Using stainless steel channel nuts in aluminum channel, reduce slip loads by 70% due to hardness of material.



Note: For mini channel nut information see page 245.

Channel Nuts & Hardware

Reference page 78 for general fitting and standard finish specifications.