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Ball Lock Pins • single acting - comply with NAS / MS17986

EH 4212.



Product Description

Ball Lock Pins according to MS17986 / NAS1333-1343 are used for quick fastening, locking, adjusting, changing and securing. Quickly and easily unlockable for frequently repeated connections.
Ball Lock Pins (Quick Release Pins) are produced according to Aviation Norm MS / NAS and tested according to NAS 1332.
Surface treatment:
- All stainless steel parts are passivated according AMS2700
- All alluminium parts alloy anodized according MIL-A-8625

Heat treatment:
- Body: Rc. 40 min. (AMS2759, Condition H900)
- Spindle: Rc. 40 min. (AMS2759, Condition H900)
- Ball: Rc. 58-62 min. (AMS2759)

Material

Body
- Stainless steel, precipitation-hardened, passivated - CRES 17-4PH (specification AMS5643)

Spindle
- Stainless steel, precipitation-hardened, passivated - CRES 17-4PH (specification AMS5643)

Spring
- Stainless steel, passivated - CRES 302 (specification ASTM-A-313)

Handle
- Aluminium, black anodised - Alum.Alloy A380 (specification ASTM B85/B85)

Attaching ring
- Stainless steel, passivated - CRES 302 (specification ASTM A-313/A313M)

Press button
- Stainless steel, passivated - CRES 303 (specification ASTM A484/484M)

Ball
- Stainless steel, precipitation-hardened, passivated - CRES 440C (specification AMS5630)

Operation

Ball lock pins single acting are self-locking and require a push of the button to release the balls.

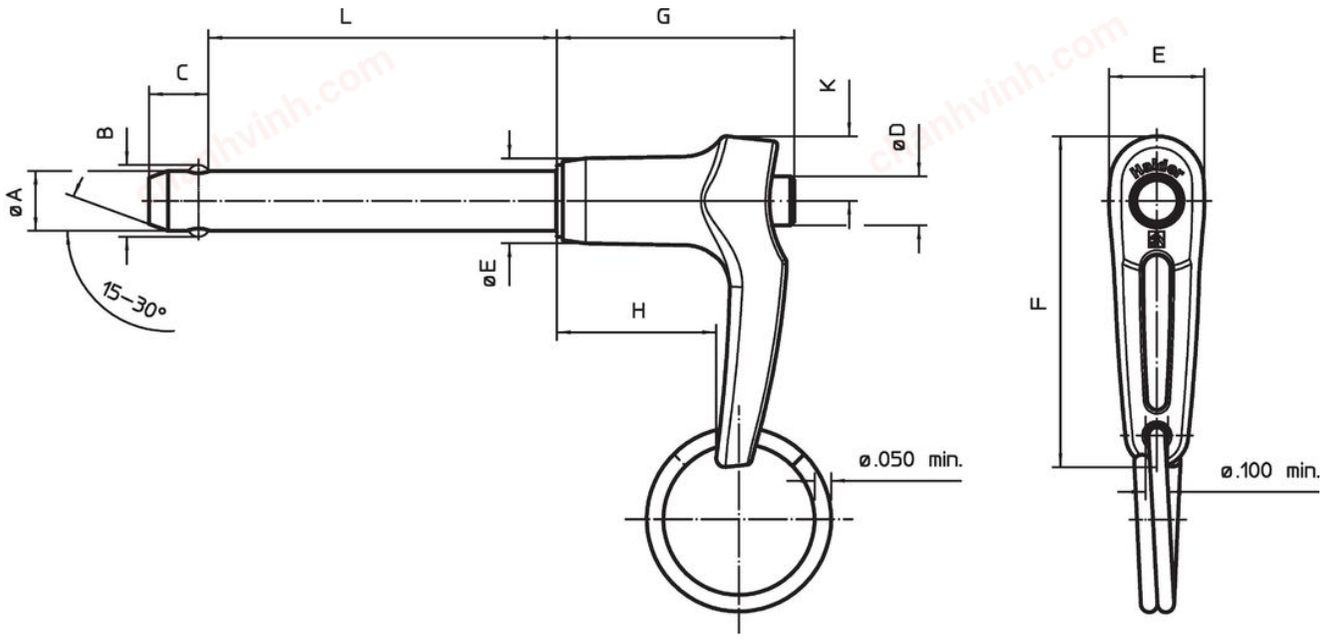
More information

Notes

All further dimensions are available on request.
Other diameter / length combinations not listed which comply with the standard can be produced at short notice on customer request.
Customized design on request.
- This product is manufactured in INCH dimensions.

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Drawing



Order information

Nominal diameter A	A min.	A max.	Clamping length L +0.02 0	Dimensions								Shearing resistance, two-shear min.	Temperature		Weight	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
[in]	[in]	[in]	[in]	[in]								[lbf]	[°F]		[g]			
3/16	0.1870	0.1885	**0.3**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	18.3	MS17986C303 / NAS1333A5C03D	5315-00-086-7438	4212.A03
3/16	0.1870	0.1885	**0.4**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	18.6	MS17986C304 / NAS1333A5C04D	5315-00-941-3526	4212.A04
3/16	0.1870	0.1885	**0.5**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	19.0	MS17986C305 / NAS1333A5C05D	–	4212.A05
3/16	0.1870	0.1885	**0.6**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	19.0	MS17986C306 / NAS1333A5C06D	–	4212.A06
3/16	0.1870	0.1885	**0.7**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	19.5	MS17986C307 / NAS1333A5C07D	5315-00-886-5729	4212.A07
3/16	0.1870	0.1885	**0.8**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	26.0	MS17986C308 / NAS1333A5C08D	5315-00-855-7793	4212.A08
3/16	0.1870	0.1885	**1.0**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	20.0	MS17986C310 / NAS1333A5C10D	5315-00-959-6648 / 5315-01-537-2171	4212.A10
3/16	0.1870	0.1885	**1.2**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	21.0	MS17986C312 / NAS1333A5C12D	–	4212.A12
3/16	0.1870	0.1885	**1.3**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	22.0	MS17986C313 / NAS1333A5C13D	5315-00-404-8247	4212.A13
3/16	0.1870	0.1885	**1.4**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	21.0	MS17986C314 / NAS1333A5C14D	5315-00-151-5799	4212.A14
3/16	0.1870	0.1885	**1.5**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	22.0	MS17986C315 / NAS1333A5C15D	5315-01-021-9319	4212.A15
3/16	0.1870	0.1885	**1.6**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	22.6	MS17986C316 / NAS1333A5C16D	–	4212.A16
3/16	0.1870	0.1885	**1.7**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	31.0	MS17986C317 / NAS1333A5C17D	–	4212.A17
3/16	0.1870	0.1885	**1.8**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	26.0	MS17986C318 / NAS1333A5C18D	5315-00-891-5546	4212.A18
3/16	0.1870	0.1885	**2.0**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	27.0	MS17986C320 / NAS1333A5C20D	–	4212.A20
3/16	0.1870	0.1885	**2.2**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	24.7	MS17986C322 / NAS1333A5C22D	–	4212.A22
3/16	0.1870	0.1885	**2.3**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	29.0	MS17986C323 / NAS1333A5C23D	–	4212.A23

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Nominal diameter A	A min.	A max.	Clamping length L +0.02 0	Dimensions								Shearing resistance, two-shear min.	Temperature		Weight	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
[in]	[in]	[in]	[in]	[in]								[lbf]	[°F]		[g]			
3/16	0.1870	0.1885	**3.6**	0.220	0.260	0.310	0.500	1.80	1.27	0.76	0.34	5,150	-65	200	29.0	MS17986C336 / NAS1333A5C36D	5315-01-618-6094	4212.A36
1/4	0.2470	0.2485	**0.3**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	20.0	MS17986C403 / NAS1334A5C03D	5315-00-519-7401	4212.B03
1/4	0.2470	0.2485	**0.4**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	20.0	MS17986C404 / NAS1334A5C04D	5315-00-420-0514	4212.B04
1/4	0.2470	0.2485	**0.5**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	27.0	MS17986C405 / NAS1334A5C05D	5315-00-929-4128 / 5315-00-921-0961	4212.B05
1/4	0.2470	0.2485	**0.6**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	21.8	MS17986C406 / NAS1334A5C06D	5315-01-021-9318 / 5315-00-982-6892	4212.B06
1/4	0.2470	0.2485	**0.7**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	25.0	MS17986C407 / NAS1334A5C07D	5315-00-917-2628 / 5315-00-710-8510	4212.B07
1/4	0.2470	0.2485	**0.8**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	23.0	MS17986C408 / NAS1334A5C08D	5315-00-921-0962	4212.B08
1/4	0.2470	0.2485	**0.9**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	23.6	MS17986C409 / NAS1334A5C09D	5315-00-945-0552	4212.B09
1/4	0.2470	0.2485	**1.0**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	25.0	MS17986C410 / NAS1334A5C10D	5315-00-945-0551	4212.B10
1/4	0.2470	0.2485	**1.1**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	25.0	MS17986C411 / NAS1334A5C11D	5315-00-965-6702 / 5315-00-987-5111	4212.B11
1/4	0.2470	0.2485	**1.2**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	25.0	MS17986C412 / NAS1334A5C12D	5315-00-945-0550 / 5315-00-723-2463	4212.B12
1/4	0.2470	0.2485	**1.3**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	25.0	MS17986C413 / NAS1334A5C13D	5315-00-945-0549	4212.B13
1/4	0.2470	0.2485	**1.4**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	26.8	MS17986C414 / NAS1334A5C14D	5315-00-010-8438	4212.B14
1/4	0.2470	0.2485	**1.5**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	27.0	MS17986C415 / NAS1334A5C15D	5315-00-369-0077 / 5315-00-904-7433	4212.B15
1/4	0.2470	0.2485	**1.6**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	30.0	MS17986C416 / NAS1334A5C16D	5315-00-973-8637	4212.B16
1/4	0.2470	0.2485	**1.7**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	34.0	MS17986C417 / NAS1334A5C17D	5315-01-702-3929 / 5315-00-999-4005	4212.B17
1/4	0.2470	0.2485	**1.8**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	28.0	MS17986C418 / NAS1334A5C18D	5315-00-481-6269	4212.B18
1/4	0.2470	0.2485	**1.9**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	29.0	MS17986C419 / NAS1334A5C19D	–	4212.B19
1/4	0.2470	0.2485	**2.0**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	36.0	MS17986C420 / NAS1334A5C20D	5315-00-904-6873	4212.B20
1/4	0.2470	0.2485	**2.1**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	36.0	MS17986C421 / NAS1334A5C21D	5315-00-177-4110	4212.B21
1/4	0.2470	0.2485	**2.2**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	31.0	MS17986C422 / NAS1334A5C22D	5315-00-143-0538	4212.B22
1/4	0.2470	0.2485	**2.3**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	32.0	MS17986C423 / NAS1334A5C23D	5315-00-376-9034 / 5315-00-904-7414	4212.B23
1/4	0.2470	0.2485	**2.4**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	32.9	MS17986C424 / NAS1334A5C24D	5315-00-078-0124	4212.B24
1/4	0.2470	0.2485	**2.5**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	33.0	MS17986C425 / NAS1334A5C25D	–	4212.B25
1/4	0.2470	0.2485	**2.6**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	34.2	MS17986C426 / NAS1334A5C26D	5315-00-904-6871	4212.B26
1/4	0.2470	0.2485	**2.7**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	34.5	MS17986C427 / NAS1334A5C27D	–	4212.B27
1/4	0.2470	0.2485	**2.8**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	35.0	MS17986C428 / NAS1334A5C28D	–	4212.B28
1/4	0.2470	0.2485	**3.0**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	36.0	MS17986C430 / NAS1334A5C30D	5315-00-904-6870 / 5315-01-567-2923	4212.B30
1/4	0.2470	0.2485	**3.1**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	37.2	MS17986C431 / NAS1334A5C31D	–	4212.B31
1/4	0.2470	0.2485	**3.2**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	37.5	MS17986C432 / NAS1334A5C32D	–	4212.B32
1/4	0.2470	0.2485	**3.4**	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	39.0	MS17986C434 / NAS1334A5C34D	5315-01-070-3054	4212.B34

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Nominal diameter A	A min.	A max.	Clamping length L +0.02 0	Dimensions								Shearing resistance, two-shear min.	Temperature		Weight	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
[in]	[in]	[in]	[in]	[in]								[lbf]	[°F]		[g]			
1/4	0.2470	0.2485	3.6	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	40.3	MS17986C436 / NAS1334A5C36D	5315-01-047-2101	4212.B36
1/4	0.2470	0.2485	4.0	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	42.3	MS17986C440 / NAS1334A5C40D	5315-01-146-1242 / 5315-01-616-7746	4212.B40
1/4	0.2470	0.2485	4.5	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	45.0	MS17986C445 / NAS1334A5C45D	–	4212.B45
1/4	0.2470	0.2485	4.6	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	46.0	MS17986C446 / NAS1334A5C46D	5315-00-904-7425	4212.B46
1/4	0.2470	0.2485	5.2	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	50.1	MS17986C452 / NAS1334A5C52D	–	4212.B52
1/4	0.2470	0.2485	6.0	0.289	0.290	0.310	0.500	1.80	1.27	0.76	0.34	9,200	-65	200	53.0	MS17986C460 / NAS1334A5C60D	–	4212.B60
5/16	0.3095	0.3110	0.4	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	29.0	MS17986C504 / NAS1335A5C04D	5315-00-485-2242	4212.C04
5/16	0.3095	0.3110	0.5	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	24.8	MS17986C505 / NAS1335A5C05D	5315-00-904-8225	4212.C05
5/16	0.3095	0.3110	0.6	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	31.0	MS17986C506 / NAS1335A5C06D	5315-00-945-0548	4212.C06
5/16	0.3095	0.3110	0.7	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	26.7	MS17986C507 / NAS1335A5C07D	–	4212.C07
5/16	0.3095	0.3110	0.8	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	27.6	MS17986C508 / NAS1335A5C08D	5315-01-361-3592	4212.C08
5/16	0.3095	0.3110	0.9	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	29.0	MS17986C509 / NAS1335A5C09D	5315-01-122-7741	4212.C09
5/16	0.3095	0.3110	1.0	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	34.0	MS17986C510 / NAS1335A5C10D	5315-01-014-4641	4212.C10
5/16	0.3095	0.3110	1.1	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	30.0	MS17986C511 / NAS1335A5C11D	5315-00-945-0547	4212.C11
5/16	0.3095	0.3110	1.2	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	31.0	MS17986C512 / NAS1335A5C12D	5315-00-883-2964 / 5315-00-904-8222	4212.C12
5/16	0.3095	0.3110	1.3	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	37.0	MS17986C513 / NAS1335A5C13D	5315-00-765-2190	4212.C13
5/16	0.3095	0.3110	1.4	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	33.0	MS17986C514 / NAS1335A5C14D	5315-00-914-3284	4212.C14
5/16	0.3095	0.3110	1.5	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	36.0	MS17986C515 / NAS1335A5C15D	5315-00-253-2944	4212.C15
5/16	0.3095	0.3110	1.6	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	39.0	MS17986C516 / NAS1335A5C16D	–	4212.C16
5/16	0.3095	0.3110	1.7	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	38.0	MS17986C517 / NAS1335A5C17D	–	4212.C17
5/16	0.3095	0.3110	1.8	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	42.0	MS17986C518 / NAS1335A5C18D	–	4212.C18
5/16	0.3095	0.3110	1.9	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	38.0	MS17986C519 / NAS1335A5C19D	–	4212.C19
5/16	0.3095	0.3110	2.0	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	45.0	MS17986C520 / NAS1335A5C20D	5315-00-177-3981	4212.C20
5/16	0.3095	0.3110	2.2	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	41.0	MS17986C522 / NAS1335A5C22D	–	4212.C22
5/16	0.3095	0.3110	2.3	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	41.0	MS17986C523 / NAS1335A5C23D	5315-00-177-4080 / 5315-01-580-2554	4212.C23
5/16	0.3095	0.3110	2.4	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	42.8	MS17985C524 / NAS1335A5C24D	5315-00-945-0546	4212.C24
5/16	0.3095	0.3110	2.5	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	46.0	MS17986C525 / NAS1335A5C25D	5315-00-921-0964	4212.C25
5/16	0.3095	0.3110	2.6	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	44.0	MS17986C526 / NAS1335A5C26D	5315-01-368-6180	4212.C26
5/16	0.3095	0.3110	2.8	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	54.0	MS17986C528 / NAS1335A5C28D	–	4212.C28
5/16	0.3095	0.3110	2.9	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	54.0	MS17986C529 / NAS1335A5C29D	–	4212.C29
5/16	0.3095	0.3110	3.0	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	49.0	MS17986C530 / NAS1335A5C30D	5315-00-082-1745	4212.C30

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in]								Shearing resistance, two-shear min. [lbf]	[°F]		[g]	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
5/16	0.3095	0.3110	**3.2**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	50.0	MS17986C532 / NAS1335A5C32D	–	4212.C32
5/16	0.3095	0.3110	**3.3**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	57.0	MS17986C533 / NAS1335A5C33D	–	4212.C33
5/16	0.3095	0.3110	**3.4**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	57.0	MS17986C534 / NAS1335A5C34D	–	4212.C34
5/16	0.3095	0.3110	**3.6**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	55.0	MS17986C536 / NAS1335A5C36D	–	4212.C36
5/16	0.3095	0.3110	**3.8**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	57.0	MS17986C538 / NAS1335A5C38D	–	4212.C38
5/16	0.3095	0.3110	**4.0**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	64.0	MS17986C540 / NAS1335A5C40D	–	4212.C40
5/16	0.3095	0.3110	**4.2**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	59.8	MS17986C542 / NAS1335A5C42D	5315-01-710-5830	4212.C42
5/16	0.3095	0.3110	**5.0**	0.375	0.330	0.310	0.500	1.80	1.27	0.76	0.34	14,400	-65	200	67.4	MS17986C550 / NAS1335A5C50D	–	4212.C50
3/8	0.3720	0.3735	**0.5**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	38.4	MS17986C605 / NAS1336A5C05D	5315-00-904-8227 / 5315-00-250-9594	4212.D05
3/8	0.3720	0.3735	**0.6**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	39.8	MS17986C606 / NAS1336A5C06D	5315-00-924-8162	4212.D06
3/8	0.3720	0.3735	**0.7**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	41.2	MS17986C607 / NAS1336A5C07D	5315-01-368-6188 / 5315-00-904-8236	4212.D07
3/8	0.3720	0.3735	**0.8**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	42.5	MS17986C608 / NAS1336A5C08D	5315-00-904-6858	4212.D08
3/8	0.3720	0.3735	**1.0**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	49.0	MS17986C610 / NAS1336A5C10D	5315-01-609-4117	4212.D10
3/8	0.3720	0.3735	**1.1**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	47.0	MS17986C611 / NAS1336A5C11D	5315-00-904-6860	4212.D11
3/8	0.3720	0.3735	**1.2**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	47.0	MS17986C612 / NAS1336A5C12D	5315-00-404-8245 / 5315-01-509-5675	4212.D12
3/8	0.3720	0.3735	**1.3**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	49.0	MS17986C613 / NAS1336A5C13D	5315-01-581-8660 / 5315-00-150-2790	4212.D13
3/8	0.3720	0.3735	**1.4**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	50.7	MS17986C614 / NAS1336A5C14D	5315-00-078-3620 / 5315-00-904-8231	4212.D14
3/8	0.3720	0.3735	**1.5**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	57.0	MS17986C615 / NAS1336A5C15D	5315-00-904-6861 / 5315-01-509-5673	4212.D15
3/8	0.3720	0.3735	**1.6**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	53.4	MS17986C616 / NAS1336A5C16D	5315-00-975-2481 / 5315-01-040-7751	4212.D16
3/8	0.3720	0.3735	**1.7**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	61.0	MS17986C617 / NAS1336A5C17D	5315-00-905-7664	4212.D17
3/8	0.3720	0.3735	**1.8**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	61.0	MS17986C618 / NAS1336A5C18D	5315-01-016-7672	4212.D18
3/8	0.3720	0.3735	**1.9**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	57.5	MS17986C619 / NAS1336A5C19D	5315-00-250-9595	4212.D19
3/8	0.3720	0.3735	**2.0**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	65.0	MS17986C620 / NAS1336A5C20D	5315-00-470-3224	4212.D20
3/8	0.3720	0.3735	**2.2**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	61.6	MS17986C622 / NAS1336A5C22D	–	4212.D22
3/8	0.3720	0.3735	**2.3**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	62.9	MS17986C623 / NAS1336A5C23D	–	4212.D23
3/8	0.3720	0.3735	**2.4**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	63.0	MS17986C624 / NAS1336A5C24D	5315-01-276-7570	4212.D24
3/8	0.3720	0.3735	**2.5**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	69.0	MS17986C625 / NAS1336A5C25D	5315-00-916-6575	4212.D25
3/8	0.3720	0.3735	**2.6**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	66.0	MS17986C626 / NAS1336A5C26D	5315-00-159-4715 / 5315-00-904-8250	4212.D26
3/8	0.3720	0.3735	**2.8**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	69.7	MS17986C628 / NAS1336A5C28D	5315-00-958-5156 / 5315-00-904-8248	4212.D28
3/8	0.3720	0.3735	**3.0**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	78.0	MS17986C630 / NAS1336A5C30D	5315-00-008-9028	4212.D30
3/8	0.3720	0.3735	**3.1**	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	73.8	MS17986C631 / NAS1336A5C31D	5315-00-519-7402	4212.D31

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Nominal diameter A	A min.	A max.	Clamping length L +0.02 0	Dimensions								Shearing resistance, two-shear min.	min.	max.		Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.							
[in]	[in]	[in]	[in]	[in]								[lbf]	[°F]		[g]			
3/8	0.3720	0.3735	3.2	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	74.0	MS17986C632 / NAS1336A5C32D	–	4212.D32
3/8	0.3720	0.3735	3.5	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	79.2	MS17986C635 / NAS1336A5C35D	1740-01-488-2250	4212.D35
3/8	0.3720	0.3735	4.0	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	88.0	MS17986C640 / NAS1336A5C40D	5340-01-341-6112 / 5315-00-598-6558	4212.D40
3/8	0.3720	0.3735	4.3	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	90.1	MS17986C643 / NAS1336A5C43D	5315-99-146-7351 / 5315-00-558-9384	4212.D43
3/8	0.3720	0.3735	4.4	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	91.5	MS17986C644 / NAS1336A5C44D	5315-99-146-7351 / 5315-00-558-9384	4212.D44
3/8	0.3720	0.3735	4.5	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	92.8	MS17986C645 / NAS1336A5C45D	–	4212.D45
3/8	0.3720	0.3735	4.8	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	96.9	MS17986C648 / NAS1336A5C48D	–	4212.D48
3/8	0.3720	0.3735	5.0	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	99.6	MS17986C650 / NAS1336A5C50D	–	4212.D50
3/8	0.3720	0.3735	6.0	0.440	0.365	0.390	0.625	2.03	1.45	0.85	0.39	20,700	-65	200	122.0	MS17986C660 / NAS1336A5C60D	5315-01-009-7344	4212.D60
7/16	0.4345	0.4360	1.0	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	52.1	MS17986C710 / NAS1337A5C10D	–	4212.E10
7/16	0.4345	0.4360	1.2	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	61.0	MS17986C712 / NAS1337A5C12D	–	4212.E12
7/16	0.4345	0.4360	1.3	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	57.0	MS17986C713 / NAS1337A5C13D	5315-00-804-6126	4212.E13
7/16	0.4345	0.4360	1.4	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	59.6	MS17986C714 / NAS1337A5C14D	5315-00-009-7737	4212.E14
7/16	0.4345	0.4360	1.5	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	61.4	MS17986C715 / NAS1337A5C15D	–	4212.E15
7/16	0.4345	0.4360	1.6	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	63.3	MS17986C716 / NAS1337A5C16D	–	4212.E16
7/16	0.4345	0.4360	2.0	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	70.7	MS17986C720 / NAS1337A5C20D	–	4212.E20
7/16	0.4345	0.4360	2.1	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	72.5	MS17986C721 / NAS1337A5C21D	–	4212.E21
7/16	0.4345	0.4360	2.3	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	76.3	MS17986C723 / NAS1337A5C23D	5315-00-904-6867 / 5315-00-052-4976	4212.E23
7/16	0.4345	0.4360	2.4	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	78.1	MS17986C724 / NAS1337A5C24D	5315-01-016-0764 / 5315-00-490-4267	4212.E24
7/16	0.4345	0.4360	2.5	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	80.0	MS17986C725 / NAS1337A5C25D	–	4212.E25
7/16	0.4345	0.4360	2.6	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	81.0	MS17986C726 / NAS1337A5C26D	–	4212.E26
7/16	0.4345	0.4360	2.8	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	85.0	MS17986C728 / NAS1337A5C28D	5315-01-347-4159	4212.E28
7/16	0.4345	0.4360	3.0	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	88.0	MS17986C730 / NAS1337A5C30D	5315-01-088-9007	4212.E30
7/16	0.4345	0.4360	3.2	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	93.0	MS17986C732 / NAS1337A5C32D	–	4212.E32
7/16	0.4345	0.4360	3.5	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	104.0	MS17986C735 / NAS1337A5C35D	–	4212.E35
7/16	0.4345	0.4360	4.0	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	106.0	MS17986C740 / NAS1337A5C40D	5315-00-483-2182	4212.E40
7/16	0.4345	0.4360	4.2	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	110.0	MS17986C742 / NAS1337A5C42D	–	4212.E42
7/16	0.4345	0.4360	5.5	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	146.0	MS17986C755 / NAS1337A5C55D	–	4212.E55
7/16	0.4345	0.4360	5.6	0.509	0.380	0.390	0.625	2.03	1.47	0.85	0.39	28,500	-65	200	136.0	MS17986C756 / NAS1337A5C56D	–	4212.E56
1/2	0.4970	0.4985	0.7	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	67.8	MS17986C807 / NAS1338A5C07D	–	4212.F07
1/2	0.4970	0.4985	0.8	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	70.2	MS17986C808 / NAS1338A5C08D	5315-00-209-3422	4212.F08

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Nominal diameter A	A min.	A max.	Clamping length L +0.02 0	Dimensions								Shearing resistance, two-shear min.	Temperature		Weight	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
[in]	[in]	[in]	[in]	[in]								[lbf]	[°F]		[g]			
1/2	0.4970	0.4985	1.0	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	82.0	MS17986C810 / NAS1338A5C10D	5315-00-904-6856	4212.F10
1/2	0.4970	0.4985	1.1	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	77.5	MS17986C811 / NAS1338A5C11D	5315-00-904-6857 / 5315-00-904-8268	4212.F11
1/2	0.4970	0.4985	1.2	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	87.0	MS17986C812 / NAS1338A5C12D	5315-00-904-8267	4212.F12
1/2	0.4970	0.4985	1.3	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	82.4	MS17986C813 / NAS1338A5C13D	5315-00-943-2054	4212.F13
1/2	0.4970	0.4985	1.4	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	84.9	MS17986C814 / NAS1338A5C14D	5315-00-904-8259	4212.F14
1/2	0.4970	0.4985	1.5	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	86.0	MS17986C815 / NAS1338A5C15D	5315-00-779-3537	4212.F15
1/2	0.4970	0.4985	1.6	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	96.0	MS17986C816 / NAS1338A5C16D	5315-01-085-6817	4212.F16
1/2	0.4970	0.4985	1.7	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	98.0	MS17986C817 / NAS1338A5C17D	–	4212.F17
1/2	0.4970	0.4985	1.8	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	94.6	MS17986C818 / NAS1338A5C18D	5315-00-050-5750	4212.F18
1/2	0.4970	0.4985	1.9	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	103.0	MS17986C819 / NAS1338A5C19D	–	4212.F19
1/2	0.4970	0.4985	2.0	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	98.0	MS17986C820 / NAS1338A5C20D	5315-00-904-6874	4212.F20
1/2	0.4970	0.4985	2.1	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	102.0	MS17986C821 / NAS1338A5C21D	–	4212.F21
1/2	0.4970	0.4985	2.2	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	110.0	MS17986C822 / NAS1338A5C22D	–	4212.F22
1/2	0.4970	0.4985	2.3	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	105.0	MS17986C823 / NAS1338A5C23D	5315-01-654-6435 / 5315-00-159-3986	4212.F23
1/2	0.4970	0.4985	2.4	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	115.0	MS17986C824 / NAS1338A5C24D	5315-01-347-4160	4212.F24
1/2	0.4970	0.4985	2.5	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	118.0	MS17986C825 / NAS1338A5C25D	5315-01-008-2981	4212.F25
1/2	0.4970	0.4985	2.6	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	114.0	MS17986C826 / NAS1338A5C26D	5315-00-065-4081	4212.F26
1/2	0.4970	0.4985	2.8	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	119.0	MS17986C828 / NAS1338A5C28D	5315-00-904-6876	4212.F28
1/2	0.4970	0.4985	2.9	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	121.0	MS17986C829 / NAS1338A5C29D	–	4212.F29
1/2	0.4970	0.4985	3.0	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	122.0	MS17986C830 / NAS1338A5C30D	–	4212.F30
1/2	0.4970	0.4985	3.1	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	126.0	MS17986C831 / NAS1338A5C31D	–	4212.F31
1/2	0.4970	0.4985	3.2	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	129.0	MS17986C832 / NAS1338A5C32D	–	4212.F32
1/2	0.4970	0.4985	3.3	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	131.0	MS17986C833 / NAS1338A5C33D	5315-00-145-2241	4212.F33
1/2	0.4970	0.4985	3.4	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	139.0	MS17986C834 / NAS1338A5C34D	5315-01-356-3263 / 5315-00-904-8283	4212.F34
1/2	0.4970	0.4985	3.5	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	134.0	MS17986C835 / NAS1338A5C35D	–	4212.F35
1/2	0.4970	0.4985	3.6	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	138.0	MS17986C836 / NAS1338A5C36D	5315-00-177-4075	4212.F36
1/2	0.4970	0.4985	3.7	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	141.0	MS17986C837 / NAS1338A5C37D	–	4212.F37
1/2	0.4970	0.4985	4.0	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	146.0	MS17986C840 / NAS1338A5C40D	–	4212.F40
1/2	0.4970	0.4985	4.1	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	151.0	MS17986C841 / NAS1338A5C41D	5315-00-177-3875	4212.F41
1/2	0.4970	0.4985	4.2	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	166.0	MS17986C842 / NAS1338A5C42D	–	4212.F42
1/2	0.4970	0.4985	4.3	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	156.0	MS17986C843 / NAS1338A5C43D	–	4212.F43

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Nominal diameter A	A min.	A max.	Clamping length L +0.02 0	Dimensions								Shearing resistance, two-shear min.	Temperature		Weight	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
[in]	[in]	[in]	[in]	[in]								[lbf]	[°F]		[g]			
1/2	0.4970	0.4985	4.5	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	172.0	MS17986C845 / NAS1338A5C45D	5315-00-763-9287 / 5315-00-916-6582	4212.F45
1/2	0.4970	0.4985	4.6	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	163.0	MS17986C846 / NAS1338A5C46D	5315-00-763-9287 / 5315-00-916-6582	4212.F46
1/2	0.4970	0.4985	4.8	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	168.0	MS17986C848 / NAS1338A5C48D	5315-01-368-5272 / 5315-00-850-3760	4212.F48
1/2	0.4970	0.4985	5.3	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	180.0	MS17986C853 / NAS1338A5C53D	5315-01-107-9566	4212.F53
1/2	0.4970	0.4985	5.5	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	185.0	MS17986C855 / NAS1338A5C55D	–	4212.F55
1/2	0.4970	0.4985	5.6	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	187.0	MS17986C856 / NAS1338A5C56D	–	4212.F56
1/2	0.4970	0.4985	5.8	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	192.0	MS17986C858 / NAS1338A5C58D	–	4212.F58
1/2	0.4970	0.4985	6.0	0.594	0.460	0.565	0.800	2.36	1.60	0.85	0.50	36,900	-65	200	195.0	MS17986C860 / NAS1338A5C60D	–	4212.F60
9/16	0.5595	0.5610	1.3	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	94.9	MS17986C913 / NAS1339A5C13D	5315-00-940-9526 / 5340-01-341-6109	4212.G13
9/16	0.5595	0.5610	1.4	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	98.0	MS17986C914 / NAS1339A5C14D	5315-01-343-4567	4212.G14
9/16	0.5595	0.5610	1.6	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	104.0	MS17986C916 / NAS1339A5C16D	–	4212.G16
9/16	0.5595	0.5610	1.7	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	106.0	MS17986C917 / NAS1339A5C17D	5315-00-135-3056	4212.G17
9/16	0.5595	0.5610	2.0	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	117.0	MS17986C920 / NAS1339A5C20D	5315-00-514-5915	4212.G20
9/16	0.5595	0.5610	2.5	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	140.0	MS17986C925 / NAS1339A5C25D	–	4212.G25
9/16	0.5595	0.5610	3.6	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	118.0	MS17986C936 / NAS1339A5C36D	–	4212.G36
9/16	0.5595	0.5610	4.0	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	182.0	MS17986C940 / NAS1339A5C40D	–	4212.G40
9/16	0.5595	0.5610	5.0	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	219.0	MS17986C950 / NAS1339A5C50D	–	4212.G50
9/16	0.5595	0.5610	5.5	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	226.0	MS17986C955 / NAS1339A5C55D	–	4212.G55
9/16	0.5595	0.5610	5.6	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	226.0	MS17986C956 / NAS1339A5C56D	–	4212.G56
9/16	0.5595	0.5610	6.0	0.666	0.510	0.565	0.800	2.36	1.60	0.85	0.50	46,700	-65	200	238.0	MS17986C960 / NAS1339A5C60D	–	4212.G60
5/8	0.6220	0.6235	0.9	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	127.0	MS17986C1009 / NAS1340A5C09D	5315-01-473-1590	4212.H09
5/8	0.6220	0.6235	1.2	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	139.0	MS17986C10112 / NAS1340A5C12D	5315-01-169-7647	4212.H12
5/8	0.6220	0.6235	1.3	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	143.0	MS17986C10113 / NAS1340A5C13D	5315-01-249-0555	4212.H13
5/8	0.6220	0.6235	1.4	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	144.0	MS17986C10114 / NAS1340A5C14D	–	4212.H14
5/8	0.6220	0.6235	2.0	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	167.0	MS17986C1020 / NAS1340A5C20D	5315-01-673-1707	4212.H20
5/8	0.6220	0.6235	2.8	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	201.0	MS17986C1028 / NAS1340A5C28D	–	4212.H28
5/8	0.6220	0.6235	3.5	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	228.0	MS17986C1035 / NAS1340A5C35D	–	4212.H35
5/8	0.6220	0.6235	3.6	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	231.0	MS17986C1036 / NAS1340A5C36D	–	4212.H36
5/8	0.6220	0.6235	4.0	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	242.0	MS17986C1040 / NAS1340A5C40D	–	4212.H40
5/8	0.6220	0.6235	4.6	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	270.0	MS17986C1046 / NAS1340A5C46D	–	4212.H46
5/8	0.6220	0.6235	6.0	0.750	0.580	0.580	0.970	3.07	1.70	0.97	0.60	57,800	-65	200	324.0	MS17986C1060 / NAS1340A5C60D	–	4212.H60

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in]								Shearing resistance, two-shear min. [lbf]	min. [°F]	max. [°F]	[g]	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.							
3/4	0.7470	0.7485	0.9	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	159.0	MS17986C1209 / NAS1341A5C09D	–	4212.K09
3/4	0.7470	0.7485	1.2	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	175.0	MS17986C1212 / NAS1341A5C12D	–	4212.K12
3/4	0.7470	0.7485	1.5	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	241.0	MS17986C1215 / NAS1341A5C15D	–	4212.K15
3/4	0.7470	0.7485	1.7	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	203.0	MS17986C1217 / NAS1341A5C17D	–	4212.K17
3/4	0.7470	0.7485	2.0	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	213.0	MS17986C1220 / NAS1341A5C20D	–	4212.K20
3/4	0.7470	0.7485	2.1	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	225.0	MS17986C1221 / NAS1341A5C21D	–	4212.K21
3/4	0.7470	0.7485	2.4	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	243.0	MS17986C1224 / NAS1341A5C24D	–	4212.K24
3/4	0.7470	0.7485	2.5	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	248.0	MS17986C1225 / NAS1341A5C25D	–	4212.K25
3/4	0.7470	0.7485	2.7	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	259.0	MS17986C1227 / NAS1341A5C27D	–	4212.K27
3/4	0.7470	0.7485	2.8	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	264.0	MS17986C1228 / NAS1341A5C28D	5315-00-058-4129	4212.K28
3/4	0.7470	0.7485	3.0	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	275.0	MS17986C1230 / NAS1341A5C30D	5315-01-367-7083 / 5315-01-183-1071	4212.K30
3/4	0.7470	0.7485	3.2	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	287.0	MS17986C1232 / NAS1341A5C32D	–	4212.K32
3/4	0.7470	0.7485	3.5	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	305.0	MS17986C1235 / NAS1341A5C35D	–	4212.K35
3/4	0.7470	0.7485	3.6	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	315.0	MS17986C1236 / NAS1341A5C36D	–	4212.K36
3/4	0.7470	0.7485	4.0	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	333.0	MS17986C1240 / NAS1341A5C40D	5315-01-272-8610	4212.K40
3/4	0.7470	0.7485	5.0	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	386.0	MS17986C1250 / NAS1341A5C50D	–	4212.K50
3/4	0.7470	0.7485	5.1	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	392.0	MS17986C1251 / NAS1341A5C51D	–	4212.K51
3/4	0.7470	0.7485	5.5	0.887	0.670	0.700	1.000	3.07	1.72	0.98	0.60	83,200	-65	200	415.0	MS17986C1255 / NAS1341A5C55D	5315-00-009-5727	4212.K55
7/8	0.8720	0.8735	1.5	1.046	0.760	0.840	1.320	3.70	2.17	1.20	0.80	112,500	-65	200	320.0	MS17986C1415 / NAS1342A5C15D	–	4212.L15
7/8	0.8720	0.8735	1.9	1.046	0.760	0.840	1.320	3.70	2.17	1.20	0.80	112,500	-65	200	350.0	MS17986C1419 / NAS1342A5C19D	–	4212.L19
7/8	0.8720	0.8735	3.1	1.046	0.760	0.840	1.320	3.70	2.17	1.20	0.80	112,500	-65	200	440.0	MS17986C1431 / NAS1342A5C31D	–	4212.L31
7/8	0.8720	0.8735	3.2	1.046	0.760	0.840	1.320	3.70	2.17	1.20	0.80	112,500	-65	200	448.0	MS17986C1432 / NAS1342A5C32D	–	4212.L32
7/8	0.8720	0.8735	4.0	1.046	0.760	0.840	1.320	3.70	2.17	1.20	0.80	112,500	-65	200	509.0	MS17986C1440 / NAS1342A5C40D	–	4212.L40
1	0.9970	0.9985	2.0	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	434.0	MS17986C1620 / NAS1343A5C20D	–	4212.M20
1	0.9970	0.9985	2.1	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	445.0	MS17986C1621 / NAS1343A5C21D	–	4212.M21
1	0.9970	0.9985	2.4	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	472.0	MS17986C1624 / NAS1343A5C24D	–	4212.M24
1	0.9970	0.9985	2.5	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	482.0	MS17986C1625 / NAS1343A5C25D	–	4212.M25
1	0.9970	0.9985	2.7	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	503.0	MS17986C1627 / NAS1343A5C27D	–	4212.M27
1	0.9970	0.9985	3.7	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	602.0	MS17986C1637 / NAS1343A5C37D	–	4212.M37

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in]								Shearing resistance, two-shear min. [lbf]	[°F]		[g]	Standard	NSN (National Stock Number)	Art. No.
				B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	K max.		min.	max.				
1	0.9970	0.9985	**4.0**	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	631.0	MS17986C1640 / NAS1343A5C40D	–	4212.M40
1	0.9970	0.9985	**4.2**	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	648.0	MS17986C1642 / NAS1343A5C42D	–	4212.M42
1	0.9970	0.9985	**5.0**	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	732.0	MS17986C1650 / NAS1343A5C50D	5315-01-277-9974	4212.M50
1	0.9970	0.9985	**6.0**	1.219	0.890	0.840	1.320	3.70	2.17	1.20	0.80	147,200	-65	200	832.0	MS17986C1660 / NAS1343A5C60D	5315-01-673-4565	4212.M60

Compliance

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