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Ball Lock Pins • single acting - comply with NAS / MS17984

EH 4210.



Product Description

Ball Lock Pins according to MS17984 / 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)
- From 3/8" - Aluminium, black anodised - Alum.Alloy 6061-T6 (specification AMS-QQ-A200/8)

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

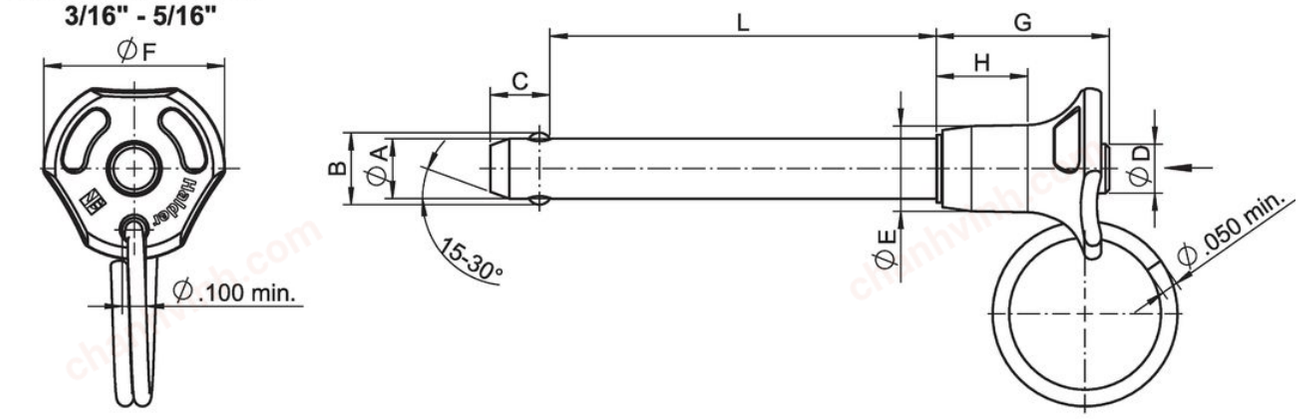
Notes

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.

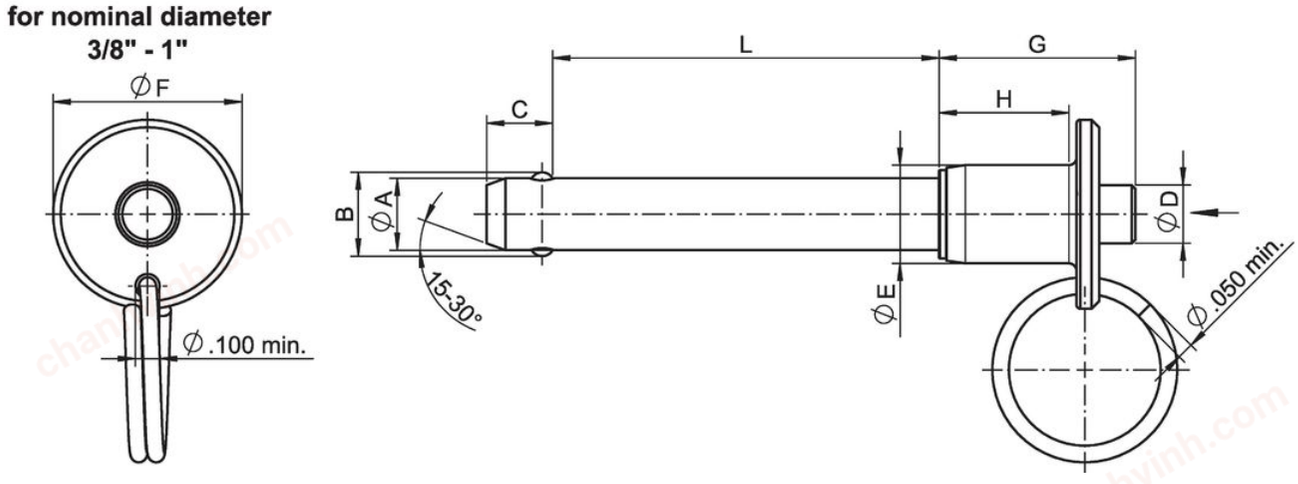
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Drawing

for nominal diameter 3/16" - 5/16"



for nominal diameter 3/8" - 1"



Order information

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.							
[in]	[in]	[in]	[in]	[in]							[lbf]	[°F]		[g]			
3/16	0.1870	0.1885	**0.3**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	13.0	MS17984C303 / NAS1333A3C03D	5315-00-993-5276	4210.A03
3/16	0.1870	0.1885	**0.4**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	15.0	MS17984C304 / NAS1333A3C04D	5315-01-048-2798	4210.A04
3/16	0.1870	0.1885	**0.5**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	17.0	MS17984C305 / NAS1333A3C05D	5315-01-021-0045 / 5315-00-937-1347	4210.A05
3/16	0.1870	0.1885	**0.6**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	17.0	MS17984C306 / NAS1333A3C06D	5315-00-901-3888	4210.A06
3/16	0.1870	0.1885	**0.7**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	16.0	MS17984C307 / NAS1333A3C07D	5315-00-349-8410 / 5315-00-904-5238	4210.A07
3/16	0.1870	0.1885	**0.8**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	15.0	MS17984C308 / NAS1333A3C08D	5315-00-930-6660	4210.A08
3/16	0.1870	0.1885	**0.9**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	15.0	MS17984C309 / NAS1333A3C09D	5315-00-901-3884	4210.A09
3/16	0.1870	0.1885	**1.0**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	18.0	MS17984C310 / NAS1333A3C10D	5315-00-945-2497	4210.A10
3/16	0.1870	0.1885	**1.1**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.0	MS17984C311 / NAS1333A3C11D	5315-00-159-4610	4210.A11
3/16	0.1870	0.1885	**1.2**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	16.0	MS17984C312 / NAS1333A3C12D	–	4210.A12
3/16	0.1870	0.1885	**1.3**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.0	MS17984C313 / NAS1333A3C13D	–	4210.A13

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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.							
3/16	0.1870	0.1885	**1.4**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	16.8	MS17984C314 / NAS1333A3C14D	5315-00-454-0327 / 5315-00-935-3888	4210.A14
3/16	0.1870	0.1885	**1.5**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	17.0	MS17984C315 / NAS1333A3C15D	–	4210.A15
3/16	0.1870	0.1885	**1.6**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	17.0	MS17984C316 / NAS1333A3C16D	5315-01-071-7402 / 5315-99-730-1545	4210.A16
3/16	0.1870	0.1885	**1.7**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	17.6	MS17984C317 / NAS1333A3C17D	5315-00-464-7099 / 5315-17-112-4326	4210.A17
3/16	0.1870	0.1885	**1.8**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	18.0	MS17984C318 / NAS1333A3C18D	5315-00-078-0172	4210.A18
3/16	0.1870	0.1885	**1.9**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	18.0	MS17984C319 / NAS1333A3C19D	5315-00-078-0172	4210.A19
3/16	0.1870	0.1885	**2.0**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.0	MS17984C320 / NAS1333A3C20D	5315-00-044-4855	4210.A20
3/16	0.1870	0.1885	**2.1**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.0	MS17984C321 / NAS1333A3C21D	5315-00-904-5218	4210.A21
3/16	0.1870	0.1885	**2.2**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.5	MS17984C322 / NAS1333A3C22D	–	4210.A22
3/16	0.1870	0.1885	**2.3**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.6	MS17984C323 / NAS1333A3C23D	–	4210.A23
3/16	0.1870	0.1885	**2.4**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	19.9	MS17984C324 / NAS1333A3C24D	–	4210.A24
3/16	0.1870	0.1885	**2.5**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	20.3	MS17984C325 / NAS1333A3C25D	–	4210.A25
3/16	0.1870	0.1885	**2.6**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	20.6	MS17984C326 / NAS1333A3C26D	–	4210.A26
3/16	0.1870	0.1885	**2.7**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	20.9	MS17984C327 / NAS1333A3C27D	–	4210.A27
3/16	0.1870	0.1885	**2.8**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	24.0	MS17984C328 / NAS1333A3C28D	–	4210.A28
3/16	0.1870	0.1885	**2.9**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	21.6	MS17984C329 / NAS1333A3C29D	–	4210.A29
3/16	0.1870	0.1885	**3.0**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	22.2	MS17984C330 / NAS1333A3C30D	–	4210.A30
3/16	0.1870	0.1885	**3.1**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	22.2	MS17984C331 / NAS1333A3C31D	–	4210.A31
3/16	0.1870	0.1885	**3.2**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	22.6	MS17984C332 / NAS1333A3C32D	5315-00-209-3419	4210.A32
3/16	0.1870	0.1885	**3.3**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	22.9	MS17984C333 / NAS1333A3C33D	–	4210.A33
3/16	0.1870	0.1885	**3.4**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	23.2	MS17984C334 / NAS1333A3C34D	–	4210.A34
3/16	0.1870	0.1885	**3.5**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	23.5	MS17984C335 / NAS1333A3C35D	–	4210.A35
3/16	0.1870	0.1885	**3.6**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	23.9	MS17984C336 / NAS1333A3C36D	–	4210.A36
3/16	0.1870	0.1885	**3.7**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	24.2	MS17984C337 / NAS1333A3C37D	–	4210.A37
3/16	0.1870	0.1885	**3.8**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	24.5	MS17984C338 / NAS1333A3C38D	–	4210.A38
3/16	0.1870	0.1885	**3.9**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	24.9	MS17984C339 / NAS1333A3C39D	–	4210.A39
3/16	0.1870	0.1885	**4.3**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	27.0	MS17984C343 / NAS1333A3C43D	5315-01-366-8828	4210.A43
3/16	0.1870	0.1885	**4.4**	0.220	0.26	0.31	0.44	0.800	0.83	0.48	5,150	-65	200	26.5	MS17984C344 / NAS1333A3C44D	–	4210.A44
1/4	0.2470	0.2485	**0.3**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	15.0	MS17984C403 / NAS1334A3C03D	5315-00-962-4476	4210.B03
1/4	0.2470	0.2485	**0.4**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	15.0	MS17984C404 / NAS1334A3C04D	5315-00-880-5131	4210.B04
1/4	0.2470	0.2485	**0.5**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	19.0	MS17984C405 / NAS1334A3C05D	5315-00-904-1662 / 5315-00-904-5225	4210.B05

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in] B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	Shearing resistance, two-shear min. [lbf]	min. [°F]	max. [°F]	[g]	Standard	NSN (National Stock Number)	Art. No.
1/4	0.2470	0.2485	**0.6**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	17.0	MS17984C406 / NAS1334A3C06D	5315-00-914-5838	4210.B06
1/4	0.2470	0.2485	**0.7**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	17.0	MS17984C407 / NAS1334A3C07D	5315-00-901-1330	4210.B07
1/4	0.2470	0.2485	**0.8**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	18.0	MS17984C408 / NAS1334A3C08D	5315-00-082-1825 / 5315-00-080-6777	4210.B08
1/4	0.2470	0.2485	**0.9**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	18.0	MS17984C409 / NAS1334A3C09D	5315-00-969-6647	4210.B09
1/4	0.2470	0.2485	**1.0**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	19.0	MS17984C410 / NAS1334A3C10D	5315-00-926-5417 / 5315-01-609-9538	4210.B10
1/4	0.2470	0.2485	**1.1**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	22.0	MS17984C411 / NAS1334A3C11D	5315-00-453-6274	4210.B11
1/4	0.2470	0.2485	**1.2**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	20.0	MS17984C412 / NAS1334A3C12D	5315-00-723-2463 / 5315-00-904-5213	4210.B12
1/4	0.2470	0.2485	**1.3**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	22.0	MS17984C413 / NAS1334A3C13D	5315-00-904-1665	4210.B13
1/4	0.2470	0.2485	**1.4**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	21.0	MS17984C414 / NAS1334A3C14D	5315-00-904-1666	4210.B14
1/4	0.2470	0.2485	**1.5**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	22.0	MS17984C415 / NAS1334A3C15D	5315-00-904-1673 / 5315-01-502-3944	4210.B15
1/4	0.2470	0.2485	**1.6**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	25.0	MS17984C416 / NAS1334A3C16D	5315-00-904-1672	4210.B16
1/4	0.2470	0.2485	**1.7**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	23.0	MS17984C417 / NAS1334A3C17D	5315-00-151-5893	4210.B17
1/4	0.2470	0.2485	**1.8**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	25.0	MS17984C418 / NAS1334A3C18D	5315-00-082-1827 / 5315-01-670-8930	4210.B18
1/4	0.2470	0.2485	**1.9**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	24.0	MS17984C419 / NAS1334A3C19D	5315-00-494-8525	4210.B19
1/4	0.2470	0.2485	**2.0**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	26.0	MS17984C420 / NAS1334A3C20D	5315-00-904-1671 / 5315-01-319-7392	4210.B20
1/4	0.2470	0.2485	**2.1**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	26.0	MS17984C421 / NAS1334A3C21D	5315-01-706-6661 / 4315-00-904-1670	4210.B21
1/4	0.2470	0.2485	**2.2**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	26.0	MS17984C422 / NAS1334A3C22D	5315-01-118-5098	4210.B22
1/4	0.2470	0.2485	**2.3**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	29.0	MS17984C423 / NAS1334A3C23D	5315-00-177-3722	4210.B23
1/4	0.2470	0.2485	**2.4**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	27.7	MS17984C424 / NAS1334A3C24D	5315-01-053-7105 / 5315-00-904-5232	4210.B24
1/4	0.2470	0.2485	**2.5**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	28.0	MS17984C425 / NAS1334A3C25D	5315-00-052-7056 / 5315-01-667-1948	4210.B25
1/4	0.2470	0.2485	**2.6**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	28.0	MS17984C426 / NAS1334A3C26D	5315-00-143-0642	4210.B26
1/4	0.2470	0.2485	**2.7**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	29.3	MS17984C427 / NAS1334A3C27D	–	4210.B27
1/4	0.2470	0.2485	**2.8**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	32.0	MS17984C428 / NAS1334A3C28D	5315-01-072-4800	4210.B28
1/4	0.2470	0.2485	**2.9**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	33.0	MS17984C429 / NAS1334A3C29D	5315-01-012-2113	4210.B29
1/4	0.2470	0.2485	**3.0**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	31.0	MS17984C430 / NAS1334A3C30D	5315-01-609-9511	4210.B30
1/4	0.2470	0.2485	**3.1**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	31.0	MS17984C431 / NAS1334A3C31D	5315-00-571-9629	4210.B31
1/4	0.2470	0.2485	**3.2**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	32.3	MS17984C432 / NAS1334A3C32D	5315-00-916-6579	4210.B32
1/4	0.2470	0.2485	**3.3**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	33.3	MS17984C433 / NAS1334A3C33D	5315-00-158-3761	4210.B33
1/4	0.2470	0.2485	**3.4**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	33.5	MS17984C434 / NAS1334A3C34D	5315-00-158-3761	4210.B34
1/4	0.2470	0.2485	**3.5**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	34.0	MS17984C435 / NAS1334A3C35D	5315-01-235-6193	4210.B35
1/4	0.2470	0.2485	**3.6**	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	34.7	MS17984C436 / NAS1334A3C36D	5315-00-158-3761	4210.B36

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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.							
1/4	0.2470	0.2485	3.7	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	35.3	MS17984C437 / NAS1334A3C37D	5315-01-106-7075	4210.B37
1/4	0.2470	0.2485	3.8	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	35.9	MS17984C438 / NAS1334A3C38D	5315-00-158-3761	4210.B38
1/4	0.2470	0.2485	3.9	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	36.5	MS17984C439 / NAS1334A3C39D	5315-00-158-3761	4210.B39
1/4	0.2470	0.2485	4.2	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	38.8	MS17984C442 / NAS1334A3C42D	–	4210.B42
1/4	0.2470	0.2485	4.3	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	38.9	MS17984C443 / NAS1334A3C43D	5315-00-150-3009	4210.B43
1/4	0.2470	0.2485	4.4	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	39.5	MS17984C444 / NAS1334A3C44D	–	4210.B44
1/4	0.2470	0.2485	4.5	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	40.0	MS17984C445 / NAS1334A3C45D	–	4210.B45
1/4	0.2470	0.2485	5.0	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	43.7	MS17984C450 / NAS1334A3C50D	–	4210.B50
1/4	0.2470	0.2485	5.4	0.289	0.29	0.31	0.44	0.800	0.89	0.48	9,200	-65	200	46.2	MS17984C454 / NAS1334A3C54D	–	4210.B54
5/16	0.3095	0.3110	0.3	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	18.7	MS17984C503 / NAS1335A3C03D	5315-00-421-7850	4210.C03
5/16	0.3095	0.3110	0.4	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	19.7	MS17984C504 / NAS1335A3C04D	5315-00-421-7850	4210.C04
5/16	0.3095	0.3110	0.5	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	20.6	MS17984C505 / NAS1335A3C05D	5315-00-904-5271 / 5315-00-904-5247	4210.C05
5/16	0.3095	0.3110	0.6	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	21.0	MS17984C506 / NAS1335A3C06D	5315-00-786-4797 / 5315-00-904-5248	4210.C06
5/16	0.3095	0.3110	0.7	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	22.0	MS17984C507 / NAS1335A3C07D	–	4210.C07
5/16	0.3095	0.3110	0.8	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	25.0	MS17984C508 / NAS1335A3C08D	5315-00-904-6182	4210.C08
5/16	0.3095	0.3110	0.9	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	24.0	MS17984C509 / NAS1335A3C09D	5315-00-082-1829 / 5315-01-089-4259	4210.C09
5/16	0.3095	0.3110	1.0	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	25.0	MS17984C510 / NAS1335A3C10D	5315-00-904-5251 / 5315-00-904-6183	4210.C10
5/16	0.3095	0.3110	1.1	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	26.3	MS17984C511 / NAS1335A3C11D	5315-00-068-0250 / 5315-01-667-6922	4210.C11
5/16	0.3095	0.3110	1.2	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	27.0	MS17984C512 / NAS1335A3C12D	–	4210.C12
5/16	0.3095	0.3110	1.3	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	28.0	MS17984C513 / NAS1335A3C13D	5315-01-059-2555 / 5315-00-924-8161	4210.C13
5/16	0.3095	0.3110	1.4	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	31.0	MS17984C514 / NAS1335A3C14D	5315-00-082-1833	4210.C14
5/16	0.3095	0.3110	1.5	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	30.0	MS17984C515 / NAS1335A3C15D	–	4210.C15
5/16	0.3095	0.3110	1.6	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	31.0	MS17984C516 / NAS1335A3C16D	–	4210.C16
5/16	0.3095	0.3110	1.7	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	31.0	MS17984C517 / NAS1335A3C17D	–	4210.C17
5/16	0.3095	0.3110	1.8	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	32.0	MS17984C518 / NAS1335A3C18D	–	4210.C18
5/16	0.3095	0.3110	1.9	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	33.0	MS17984C519 / NAS1335A3C19D	5315-01-287-0991	4210.C19
5/16	0.3095	0.3110	2.0	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	34.0	MS17984C520 / NAS1335A3C20D	5315-01-134-3336	4210.C20
5/16	0.3095	0.3110	2.1	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	35.8	MS17984C521 / NAS1335A3C21D	5315-01-014-4461	4210.C21
5/16	0.3095	0.3110	2.2	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	36.0	MS17984C522 / NAS1335A3C22D	5315-01-366-8831	4210.C22
5/16	0.3095	0.3110	2.3	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	37.0	MS17984C523 / NAS1335A3C23D	–	4210.C23
5/16	0.3095	0.3110	2.4	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	38.6	MS17984C524 / NAS1335A3C24D	–	4210.C24

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in] B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	Shearing resistance, two-shear min. [lbf]	min. [°F]	max. [°F]	[g]	Standard	NSN (National Stock Number)	Art. No.
5/16	0.3095	0.3110	**2.5**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	39.0	MS17984C525 / NAS1335A3C25D	5315-01-235-2241	4210.C25
5/16	0.3095	0.3110	**2.6**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	40.0	MS17984C526 / NAS1335A3C26D	–	4210.C26
5/16	0.3095	0.3110	**2.7**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	41.0	MS17984C527 / NAS1335A3C27D	–	4210.C27
5/16	0.3095	0.3110	**2.8**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	42.4	MS17984C528 / NAS1335A3C28D	–	4210.C28
5/16	0.3095	0.3110	**2.9**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	43.0	MS17985C529 / NAS1335A3C29D	–	4210.C29
5/16	0.3095	0.3110	**3.0**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	47.0	MS17984C530 / NAS1335A3C30D	5315-01-456-0370 / 5315-01-538-2688	4210.C30
5/16	0.3095	0.3110	**3.1**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	45.2	MS17984C531 / NAS1335A3C31D	–	4210.C31
5/16	0.3095	0.3110	**3.2**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	46.2	MS17984C532 / NAS1335A3C32D	–	4210.C32
5/16	0.3095	0.3110	**3.3**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	47.1	MS17984C533 / NAS1335A3C33D	–	4210.C33
5/16	0.3095	0.3110	**3.4**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	47.0	MS17984C534 / NAS1335A3C34D	–	4210.C34
5/16	0.3095	0.3110	**3.5**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	49.0	MS17984C535 / NAS1335A3C35D	–	4210.C35
5/16	0.3095	0.3110	**3.6**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	49.0	MS17984C536 / NAS1335A3C36D	–	4210.C36
5/16	0.3095	0.3110	**3.7**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	50.9	MS17984C537 / NAS1335A3C37D	–	4210.C37
5/16	0.3095	0.3110	**3.8**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	53.0	MS17984C538 / NAS1335A3C38D	5315-00-218-1845	4210.C38
5/16	0.3095	0.3110	**3.9**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	52.8	MS17984C539 / NAS1335A3C39D	–	4210.C39
5/16	0.3095	0.3110	**4.0**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	53.7	MS17984C540 / NAS1335A3C40D	5315-00-421-7850	4210.C40
5/16	0.3095	0.3110	**4.1**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	54.0	MS17984C541 / NAS1335A3C41D	–	4210.C41
5/16	0.3095	0.3110	**4.9**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	65.0	MS17984C549 / NAS1335A3C49D	5315-01-120-3942	4210.C49
5/16	0.3095	0.3110	**5.0**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	63.2	MS17984C550 / NAS1335A3C50D	–	4210.C50
5/16	0.3095	0.3110	**6.0**	0.375	0.33	0.31	0.49	1.135	0.93	0.48	14,400	-65	200	72.7	MS17984C560 / NAS1335A3C60D	–	4210.C60
3/8	0.3720	0.3735	**0.3**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	26.4	MS17984C603 / NAS1336A3C03D	–	4210.D03
3/8	0.3720	0.3735	**0.4**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	27.7	MS17984C604 / NAS1336A3C04D	–	4210.D04
3/8	0.3720	0.3735	**0.5**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	29.1	MS17984C605 / NAS1336A3C05D	5315-00-007-1549	4210.D05
3/8	0.3720	0.3735	**0.6**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	30.0	MS17984C606 / NAS1336A3C06D	5315-00-158-3750	4210.D06
3/8	0.3720	0.3735	**0.7**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	31.0	MS17984C607 / NAS1336A3C07D	5315-00-901-3778	4210.D07
3/8	0.3720	0.3735	**0.8**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	33.2	MS17984C608 / NAS1336A3C08D	5315-00-904-4789	4210.D08
3/8	0.3720	0.3735	**0.9**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	34.0	MS17984C609 / NAS1336A3C09D	5315-00-904-4788	4210.D09
3/8	0.3720	0.3735	**1.0**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	36.0	MS17984C610 / NAS1336A3C10D	5315-00-432-0776	4210.D10
3/8	0.3720	0.3735	**1.1**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	37.0	MS17984C611 / NAS1336A3C11D	5315-00-782-1820	4210.D11
3/8	0.3720	0.3735	**1.2**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	38.0	MS17984C612 / NAS1336A3C12D	5315-00-058-1703 / 5315-00-904-6178	4210.D12
3/8	0.3720	0.3735	**1.3**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	40.0	MS17984C613 / NAS1336A3C13D	5315-00-904-4786	4210.D13

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in] B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	Shearing resistance, two-shear min. [lbf]	min. [°F]	max. [°F]	[g]	Standard	NSN (National Stock Number)	Art. No.
3/8	0.3720	0.3735	**1.4**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	41.0	MS17984C614 / NAS1336A3C14D	5315-00-900-3052 / 5315-00-904-5246	4210.D14
3/8	0.3720	0.3735	**1.5**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	42.0	MS17984C615 / NAS1336A3C15D	5315-00-937-0965	4210.D15
3/8	0.3720	0.3735	**1.6**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	43.0	MS17984C616 / NAS1336A3C16D	5315-00-007-6103 / 5315-00-174-8667	4210.D16
3/8	0.3720	0.3735	**1.7**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	45.0	MS17984C617 / NAS1336A3C17D	5315-00-984-6825	4210.D17
3/8	0.3720	0.3735	**1.8**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	47.0	MS17984C618 / NAS1336A3C18D	5315-00-453-6278	4210.D18
3/8	0.3720	0.3735	**1.9**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	48.1	MS17984C619 / NAS1336A3C19D	5315-00-904-4785 / 5315-00-904-5246	4210.D19
3/8	0.3720	0.3735	**2.0**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	49.0	MS17984C620 / NAS1336A3C20D	5315-00-470-3224 / 5315-00-177-4148	4210.D20
3/8	0.3720	0.3735	**2.1**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	50.9	MS17984C621 / NAS1336A3C21D	5315-00-301-4549	4210.D21
3/8	0.3720	0.3735	**2.2**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	51.0	MS17984C622 / NAS1336A3C22D	5315-00-242-7209	4210.D22
3/8	0.3720	0.3735	**2.3**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	53.6	MS17984C623 / NAS1336A3C23D	5315-00-831-6570	4210.D23
3/8	0.3720	0.3735	**2.4**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	54.0	MS17984C624 / NAS1336A3C24D	5315-00-150-2562 / 5315-00-933-3193	4210.D24
3/8	0.3720	0.3735	**2.5**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	56.0	MS17984C625 / NAS1336A3C25D	5315-00-082-1836 / 5315-00-143-0658	4210.D25
3/8	0.3720	0.3735	**2.6**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	57.0	MS17984C626 / NAS1336A3C26D	5315-00-630-2409 / 5315-01-181-0894	4210.D26
3/8	0.3720	0.3735	**2.7**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	58.0	MS17984C627 / NAS1336A3C27D	5315-01-132-0224	4210.D27
3/8	0.3720	0.3735	**2.8**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	59.0	MS17984C628 / NAS1336A3C28D	5315-00-917-6355	4210.D28
3/8	0.3720	0.3735	**2.9**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	61.7	MS17984C629 / NAS1336A3C29D	–	4210.D29
3/8	0.3720	0.3735	**3.0**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	58.0	MS17984C630 / NAS1336A3C30D	5315-00-222-1711 / 5315-01-325-8525	4210.D30
3/8	0.3720	0.3735	**3.1**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	64.0	MS17984C631 / NAS1336A3C31D	5315-00-220-2554	4210.D31
3/8	0.3720	0.3735	**3.2**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	65.0	MS17984C632 / NAS1336A3C32D	–	4210.D32
3/8	0.3720	0.3735	**3.3**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	67.2	MS17984C633 / NAS1336A3C33D	–	4210.D33
3/8	0.3720	0.3735	**3.4**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	67.0	MS17984C634 / NAS1336A3C34D	–	4210.D34
3/8	0.3720	0.3735	**3.5**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	69.9	MS17984C635 / NAS1336A3C35D	5315-00-761-3036	4210.D35
3/8	0.3720	0.3735	**3.6**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	71.2	MS17984C636 / NAS1336A3C36D	5315-01-031-5200	4210.D36
3/8	0.3720	0.3735	**3.7**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	73.0	MS17984C637 / NAS1336A3C37D	5315-00-916-9448 / 5315-00-904-6833	4210.D37
3/8	0.3720	0.3735	**3.8**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	73.0	MS17984C638 / NAS1336A3C38D	–	4210.D38
3/8	0.3720	0.3735	**3.9**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	74.0	MS17984C6439 / NAS1336A3C39D	5315-01-700-8612	4210.D39
3/8	0.3720	0.3735	**4.0**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	76.7	MS17984C640 / NAS1336A3C40D	5315-01-133-7388	4210.D40
3/8	0.3720	0.3735	**4.5**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	82.0	MS17984C645 / NAS1336A3C45D	–	4210.D45
3/8	0.3720	0.3735	**4.6**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	84.0	MS17984C646 / NAS1336A3C46D	5315-00-553-2059	4210.D46
3/8	0.3720	0.3735	**5.0**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	90.3	MS17984C650 / NAS1336A3C50D	5315-00-904-6834	4210.D50
3/8	0.3720	0.3735	**5.3**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	94.4	MS17984C653 / NAS1336A3C53D	5315-00-593-3082	4210.D53

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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.							
3/8	0.3720	0.3735	**6.0**	0.440	0.36	0.39	0.57	1.135	1.04	0.62	20,700	-65	200	104.0	MS17984C660 / NAS1336A3C60D	–	4210.D60
7/16	0.4345	0.4360	**0.5**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	37.0	MS17984C705 / NAS1337A3C05D	–	4210.E05
7/16	0.4345	0.4360	**0.6**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	38.6	MS17984C706 / NAS1337A3C06D	–	4210.E06
7/16	0.4345	0.4360	**0.8**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	42.0	MS17984C708 / NAS1337A3C08D	–	4210.E08
7/16	0.4345	0.4360	**1.0**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	46.0	MS17984C710 / NAS1337A3C10D	–	4210.E10
7/16	0.4345	0.4360	**1.2**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	53.0	MS17984C712 / NAS1337A3C12D	–	4210.E12
7/16	0.4345	0.4360	**1.3**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	51.0	MS17984C713 / NAS1337A3C13D	–	4210.E13
7/16	0.4345	0.4360	**1.4**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	53.0	MS17984C714 / NAS1337A3C14D	–	4210.E14
7/16	0.4345	0.4360	**1.5**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	55.3	MS17984C715 / NAS1337A3C15D	–	4210.E15
7/16	0.4345	0.4360	**1.6**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	57.0	MS17984C716 / NAS1337A3C16D	5315-00-904-6185 / 5315-00-921-0030	4210.E16
7/16	0.4345	0.4360	**1.7**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	59.0	MS17984C717 / NAS1337A3C17D	–	4210.E17
7/16	0.4345	0.4360	**1.8**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	61.0	MS17984C718 / NAS1337A3C18D	–	4210.E18
7/16	0.4345	0.4360	**2.0**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	64.0	MS17984C720 / NAS1337A3C20D	5315-01-221-0825	4210.E20
7/16	0.4345	0.4360	**2.2**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	68.0	MS17984C722 / NAS1337A3C22D	–	4210.E22
7/16	0.4345	0.4360	**2.5**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	73.0	MS17984C725 / NAS1337A3C25D	–	4210.E25
7/16	0.4345	0.4360	**2.6**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	77.0	MS17984C726 / NAS1337A3C26D	5315-01-014-4460	4210.E26
7/16	0.4345	0.4360	**3.2**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	86.0	MS17984C732 / NAS1337A3C32D	–	4210.E32
7/16	0.4345	0.4360	**3.5**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	92.4	MS17984C735 / NAS1337A3C35D	–	4210.E35
7/16	0.4345	0.4360	**3.7**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	96.2	MS17984C737 / NAS1337A3C37D	–	4210.E37
7/16	0.4345	0.4360	**3.8**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	97.0	MS17984C738 / NAS1337A3C38D	5315-01-706-5828	4210.E38
7/16	0.4345	0.4360	**4.0**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	105.0	MS17984C740 / NAS1337A3C40D	–	4210.E40
7/16	0.4345	0.4360	**4.2**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	105.0	MS17984C742 / NAS1337A3C42D	–	4210.E42
7/16	0.4345	0.4360	**5.0**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	119.0	MS17984C750 / NAS1337A3C50D	–	4210.E50
7/16	0.4345	0.4360	**6.0**	0.509	0.38	0.39	0.63	1.400	1.16	0.62	28,500	-65	200	138.0	MS17984C760 / NAS1337A3C60D	–	4210.E60
1/2	0.4970	0.4985	**0.5**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	53.0	MS17984C805 / NAS1338A3C05D	–	4210.F05
1/2	0.4970	0.4985	**0.8**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	60.0	MS17984C808 / NAS1338A3C08D	–	4210.F08
1/2	0.4970	0.4985	**0.9**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	63.2	MS17984C809 / NAS1338A3C09D	5315-00-135-9764 / 5315-00-135-7160	4210.F09
1/2	0.4970	0.4985	**1.0**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	65.4	MS17984C811 / NAS1338A3C11D	5315-00-757-3574	4210.F10
1/2	0.4970	0.4985	**1.1**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	67.0	MS17984C811 / NAS1338A3C11D	5315-00-630-2410	4210.F11
1/2	0.4970	0.4985	**1.3**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	72.0	MS17984C813 / NAS1338A3C13D	–	4210.F13
1/2	0.4970	0.4985	**1.4**	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	75.0	MS17984C814 / NAS1338A3C14D	5315-00-904-4782	4210.F14

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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.							
1/2	0.4970	0.4985	1.5	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	77.0	MS17984C815 / NAS1338A3C15D	5315-00-043-3961	4210.F15
1/2	0.4970	0.4985	1.6	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	80.3	MS17984C816 / NAS1338A3C16D	5315-01-010-3735 / 5315-01-670-4295	4210.F16
1/2	0.4970	0.4985	1.7	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	119.0	MS17984C817 / NAS1338A3C17D	5315-00-234-9640	4210.F17
1/2	0.4970	0.4985	1.8	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	88.0	MS17984C818 / NAS1338A3C18D	5315-00-252-9921 / 5315-00-043-0497	4210.F18
1/2	0.4970	0.4985	1.9	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	87.0	MS17984C819 / NAS1338A3C19D	5315-00-904-4781 / 5315-01-021-0024	4210.F19
1/2	0.4970	0.4985	2.0	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	96.0	MS17984C820 / NAS1338A3C20D	–	4210.F20
1/2	0.4970	0.4985	2.1	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	91.0	MS17984C821 / NAS1338A3C21D	5315-00-904-4780	4210.F21
1/2	0.4970	0.4985	2.2	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	101.0	MS17984C822 / NAS1338A3C22D	–	4210.F22
1/2	0.4970	0.4985	2.3	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	96.0	MS17984C823 / NAS1338A3C23D	5315-00-453-6280	4210.F23
1/2	0.4970	0.4985	2.4	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	98.0	MS17984C824 / NAS1338A3C24D	5315-00-575-5740	4210.F24
1/2	0.4970	0.4985	2.5	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	101.0	MS17984C825 / NAS1338A3C25D	–	4210.F25
1/2	0.4970	0.4985	2.6	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	103.0	MS17984C826 / NAS1338A3C26D	5315-01-085-6816	4210.F26
1/2	0.4970	0.4985	2.7	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	106.0	MS17984C827 / NAS1338A3C27D	–	4210.F27
1/2	0.4970	0.4985	2.8	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	108.0	MS17984C828 / NAS1338A3C28D	5315-00-082-1891	4210.F28
1/2	0.4970	0.4985	3.0	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	117.0	MS17984C830 / NAS1338A3C30D	5315-00-908-0945 / 5315-01-558-8879	4210.F30
1/2	0.4970	0.4985	3.1	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	115.0	MS17984C831 / NAS1338A3C31D	5315-00-251-7619	4210.F31
1/2	0.4970	0.4985	3.2	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	118.0	MS17984C832 / NAS1338A3C32D	5315-01-095-6741	4210.F32
1/2	0.4970	0.4985	3.3	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	120.0	MS17984C833 / NAS1338A3C33D	5315-00-257-3057	4210.F33
1/2	0.4970	0.4985	3.4	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	123.0	MS17984C834 / NAS1338A3C34D	5315-00-158-0434 / 5315-01-223-7194	4210.F34
1/2	0.4970	0.4985	3.5	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	126.6	MS17984C835 / NAS1338A3C35D	5315-00-007-6102 / 5895-01-578-3023	4210.F35
1/2	0.4970	0.4985	3.6	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	127.0	MS17984C836 / NAS1338A3C36D	5315-00-159-3746	4210.F36
1/2	0.4970	0.4985	3.9	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	136.0	MS17984C839 / NAS1338A3C39D	–	4210.F39
1/2	0.4970	0.4985	4.0	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	144.0	MS17984C840 / NAS1338A3C40D	–	4210.F40
1/2	0.4970	0.4985	4.1	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	139.0	MS17984C841 / NAS1338A3C41D	–	4210.F41
1/2	0.4970	0.4985	4.2	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	143.0	MS17984C842 / NAS1338A3C42D	5315-01-284-0910	4210.F42
1/2	0.4970	0.4985	4.3	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	144.0	MS17984C843 / NAS1338A3C43D	5315-00-514-6948	4210.F43
1/2	0.4970	0.4985	5.0	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	161.0	MS17984C850 / NAS1338A3C50D	5315-01-129-2309 / 5315-00-409-4614	4210.F50
1/2	0.4970	0.4985	5.1	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	165.6	MS17984C851 / NAS1338A3C51D	5315-00-119-7622	4210.F51
1/2	0.4970	0.4985	5.2	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	166.0	MS17984C852 / NAS1338A3C52D	–	4210.F52
1/2	0.4970	0.4985	6.0	0.594	0.46	0.56	0.72	1.400	1.19	0.72	36,900	-65	200	190.0	MS17984C860 / NAS1338A3C60D	5315-01-030-5808 / 5315-01-107-4724	4210.F60
9/16	0.5595	0.5610	1.3	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	90.2	MS17984C913 / NAS1339A3C13D	–	4210.G13

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in] B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	Shearing resistance, two-shear min. [lbf]	min. [°F]	max. [°F]	[g]	Standard	NSN (National Stock Number)	Art. No.
9/16	0.5595	0.5610	**1.5**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	96.0	MS17984C915 / NAS1339A3C15D	5315-00-338-1798	4210.G15
9/16	0.5595	0.5610	**1.7**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	102.0	MS17984C917 / NAS1339A3C17D	5315-01-149-2117	4210.G17
9/16	0.5595	0.5610	**1.9**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	109.0	MS17984C519 / NAS1335A3C19D	–	4210.G19
9/16	0.5595	0.5610	**2.0**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	111.0	MS17984C920 / NAS1339A3C20D	–	4210.G20
9/16	0.5595	0.5610	**2.5**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	135.0	MS17984C925 / NAS1339A3C25D	–	4210.G25
9/16	0.5595	0.5610	**3.4**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	154.0	MS17984C934 / NAS1339A3C34D	–	4210.G34
9/16	0.5595	0.5610	**4.0**	0.666	0.51	0.56	0.77	1.650	1.41	0.95	46,700	-65	200	175.0	MS17984C940 / NAS1339A3C40D	–	4210.G40
5/8	0.6220	0.6235	**1.0**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	115.0	MS17984C1010 / NAS1340A3C10D	4920-01-573-8716	4210.H10
5/8	0.6220	0.6235	**1.2**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	123.0	MS17984C1012 / NAS1340A3C12D	4920-01-573-8716	4210.H12
5/8	0.6220	0.6235	**1.3**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	127.0	MS17984C1013 / NAS1340A3C13D	4920-01-573-8716	4210.H13
5/8	0.6220	0.6235	**1.4**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	129.0	MS17984C1014 / NAS1340A3C14D	5315-00-005-0613	4210.H14
5/8	0.6220	0.6235	**1.5**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	134.0	MS17984C1015 / NAS1340A3C15D	5315-01-514-9214 / 5315-00-338-1586	4210.H15
5/8	0.6220	0.6235	**1.7**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	141.0	MS17984C1017 / NAS1340A3C17D	–	4210.H17
5/8	0.6220	0.6235	**1.8**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	146.0	MS17984C1018 / NAS1340A3C18D	–	4210.H18
5/8	0.6220	0.6235	**2.0**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	152.0	MS17984C1020 / NAS1340A3C20D	–	4210.H20
5/8	0.6220	0.6235	**3.0**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	190.0	MS17984C1030 / NAS1340A3C30D	–	4210.H30
5/8	0.6220	0.6235	**3.2**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	200.0	MS17984C1032 / NAS1340A3C32D	–	4210.H32
5/8	0.6220	0.6235	**3.7**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	217.0	MS17984C1037 / NAS1340A3C37D	–	4210.H37
5/8	0.6220	0.6235	**4.0**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	220.0	MS17984C1040 / NAS1340A3C40D	–	4210.H40
5/8	0.6220	0.6235	**4.6**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	254.0	MS17984C1046 / NAS1340A3C46D	–	4210.H46
5/8	0.6220	0.6235	**5.6**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	289.0	MS17984C1056 / NAS1340A3C56D	–	4210.H56
5/8	0.6220	0.6235	**5.9**	0.750	0.58	0.58	0.87	1.700	0.95	0.95	57,800	-65	200	304.0	MS17984C1059 / NAS1340A3C59D	–	4210.H59
3/4	0.7470	0.7485	**0.9**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	157.0	MS17984C1209 / NAS1341A3C09D	–	4210.K09
3/4	0.7470	0.7485	**1.8**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	207.0	MS17984C1218 / NAS1341A3C18D	5315-01-676-9829	4210.K18
3/4	0.7470	0.7485	**2.0**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	216.0	MS17984C1220 / NAS1341A3C20D	5315-01-022-3941	4210.K20
3/4	0.7470	0.7485	**2.2**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	232.0	MS17984C1222 / NAS1341A3C22D	5315-00-904-4139	4210.K22
3/4	0.7470	0.7485	**2.3**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	237.0	MS17984C1223 / NAS1341A3C23D	–	4210.K23
3/4	0.7470	0.7485	**2.4**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	238.0	MS17984C1224 / NAS1341A3C24D	5315-00-492-6967	4210.K24
3/4	0.7470	0.7485	**2.5**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	248.0	MS17984C1225 / NAS1341A3C25D	–	4210.K25
3/4	0.7470	0.7485	**2.6**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	254.0	MS17984C1226 / NAS1341A3C26D	5315-00-855-3411	4210.K26
3/4	0.7470	0.7485	**2.9**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	268.0	MS17984C1229 / NAS1341A3C29D	–	4210.K29

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Nominal diameter A [in]	A min. [in]	A max. [in]	Clamping length L +0.02 0 [in]	Dimensions [in] B ±0.005	C 0 -0.04	D max.	E max.	F max.	G max.	H min.	Shearing resistance, two-shear min. [lbf]	min. [°F]	max. [°F]	[g]	Standard	NSN (National Stock Number)	Art. No.
3/4	0.7470	0.7485	**3.0**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	276.0	MS17984C1230 / NAS1341A3C30D	–	4210.K30
3/4	0.7470	0.7485	**3.1**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	279.0	MS17984C1231 / NAS1341A3C31D	–	4210.K31
3/4	0.7470	0.7485	**3.4**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	296.0	MS17984C1234 / NAS1341A3C34D	–	4210.K34
3/4	0.7470	0.7485	**3.6**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	307.0	MS17984C1236 / NAS1341A3C36D	–	4210.K36
3/4	0.7470	0.7485	**4.0**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	333.0	MS17984C1240 / NAS1341A3C40D	–	4210.K40
3/4	0.7470	0.7485	**5.2**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	396.0	MS17984C1252 / NAS1341A3C52D	–	4210.K52
3/4	0.7470	0.7485	**5.5**	0.887	0.67	0.70	1.00	1.900	1.68	1.14	83,200	-65	200	422.0	MS17984C1255 / NAS1341A3C55D	–	4210.K55
7/8	0.8735	0.8750	**2.0**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	326.0	MS17984C1420 / NAS1342A3C20D	–	4210.L20
7/8	0.8735	0.8750	**2.4**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	356.0	MS17984C1424 / NAS1342A3C24D	5315-01-578-6687	4210.L24
7/8	0.8735	0.8750	**2.5**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	365.0	MS17984C1425 / NAS1342A3C25D	5315-01-033-6089	4210.L25
7/8	0.8735	0.8750	**2.6**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	373.0	MS17984C1426 / NAS1342A3C26D	–	4210.L26
7/8	0.8735	0.8750	**2.7**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	379.0	MS17984C1427 / NAS1342A3C27D	–	4210.L27
7/8	0.8735	0.8750	**2.8**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	386.0	MS17984C1428 / NAS1342A3C28D	–	4210.L28
7/8	0.8735	0.8750	**3.2**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	418.0	MS17984C1432 / NAS1342A3C32D	–	4210.L32
7/8	0.8735	0.8750	**3.4**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	432.0	MS17984C1434 / NAS1342A3C34D	–	4210.L34
7/8	0.8735	0.8750	**4.0**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	473.0	MS17984C1440 / NAS1342A3C40D	–	4210.L40
7/8	0.8735	0.8750	**6.0**	1.046	0.76	0.84	1.13	2.250	1.98	1.27	112,500	-65	200	629.0	MS17984C1460 / NAS1342A3C60D	–	4210.L60
1	0.9970	0.9985	**2.7**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	487.0	MS17984C1627 / NAS1343A3C27D	–	4210.M27
1	0.9970	0.9985	**2.8**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	498.0	MS17984C1628 / NAS1343A3C28D	5315-01-443-2463	4210.M28
1	0.9970	0.9985	**3.0**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	560.0	MS17984C1630 / NAS1343A3C30D	5315-01-605-1331	4210.M30
1	0.9970	0.9985	**3.1**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	526.0	MS17984C1631 / NAS1343A3C31D	–	4210.M31
1	0.9970	0.9985	**3.3**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	546.0	MS17984C1633 / NAS1343A3C33D	–	4210.M33
1	0.9970	0.9985	**3.7**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	586.0	MS17984C1637 / NAS1343A3C37D	–	4210.M37
1	0.9970	0.9985	**3.8**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	600.0	MS17984C1638 / NAS1343A3C38D	–	4210.M38
1	0.9970	0.9985	**4.0**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	611.0	MS17984C1640 / NAS1343A3C40D	5315-01-443-8332	4210.M40
1	0.9970	0.9985	**4.5**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	666.0	MS17984C1645 / NAS1343A3C45D	–	4210.M45
1	0.9970	0.9985	**5.5**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	764.0	MS17984C1655 / NAS1343A3C55D	–	4210.M55
1	0.9970	0.9985	**5.6**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	774.0	MS17984C1656 / NAS1343A3C56D	–	4210.M56
1	0.9970	0.9985	**5.7**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	784.0	MS17984C1657 / NAS1343A3C57D	–	4210.M57
1	0.9970	0.9985	**6.0**	1.219	0.89	0.95	1.25	2.250	2.14	1.49	147,200	-65	200	815.0	MS17984C1660 / NAS1343A3C60D	5315-01-605-1330	4210.M60

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