

	ID	OD	LENGTH	PART NO.
1/8 x 3/16 NOMINAL	.125	.190	5/32	AA-101-8
	.124	.189	1/4	AA-101-2
			3/8	AA-101
			1/2	AA-101-1
	.1265	.1895	1/8	AA-110-1
	.1885	1/4	AA-110-2	
		5/16	AA-110-4	
1/8 x 7/32 NOMINAL	.127	.222	1/4	AA-223
	.126	.221	3/8	AA-223-1
1/8 x 1/4 NOMINAL	.128	.253	1/4	AA-224
	.127	.252	3/8	AA-224-1
1/8 x 3/8 NOMINAL	.127	.377	1/4	AA-337-2
	.126	.376	1/2	AA-337-3
5/32 x 7/32 NOMINAL	.156	.220	1/4	AA-211
	.155	.219	3/8	AA-211-1
5/32 x 1/4 NOMINAL	.1565	.2525	3/8	AA-238
	.1555	.2515		
	.159	.253	1/4	AA-204-1
	.158	.252	5/16	AA-204
3/16 x 1/4 NOMINAL	.1875	.252	1/4	AA-225-2
	.1865	.251	5/16	AA-225-1
			3/8	AA-225-6
			1/2	AA-225-4
			5/8	AA-225-3
	.1885	.252	1/4	AA-226-1
	.1875	.251	3/8	AA-226-2
			7/16	AA-226
			1/2	AA-226-3
			5/8	AA-226-4
3/16 x 5/16 NOMINAL	.1885	.3145	3/16	AA-309-9
	.1875	.3135	1/4	AA-309
			5/16	AA-309-3
			3/8	AA-309-4
			7/16	AA-309-8
			1/2	AA-309-14
			5/8	AA-309-7
			3/4	AA-309-5
	.1895	.3145	3/16	AA-331
	.1885	.3135	1/4	AA-331-2
		3/8	AA-331-3	
	.1895	.3145	3/16	AP-331
	.1885	.3135	1/4	AP-331-2
		3/8	AP-331-3	
3/16 x 3/8 NOMINAL	.1885	.3775	1/4	AA-346-1
	.1875	.3765	3/8	AA-346-2
			1/2	AA-346
7/32 x 5/16 NOMINAL	.219	.3145	5/16	AA-318
	.218	.3135	3/8	AA-318-1
7/32 x 7/16 NOMINAL	.219	.440	1/2	AA-410-2
	.218	.439	3/4	AA-410-3
1/4 x 5/16 NOMINAL	.2505	.3145	1/4	AA-397-1
	.2495	.3135	1/2	AA-397
	.2515	.3155	1/4	AA-347-2
	.2505	.3145	3/8	AA-347-3
	.253	.3155	1/2	AA-335-4
	.252	.3145	5/8	AA-335-6
			3/4	AA-335-5

	ID	OD	LENGTH	PART NO.
1/4 x 3/8 NOMINAL	.2505	.377	1/4	AA-304-35
	.2495	.376	5/16	AA-304-9
			3/8	AA-304-7
			7/16	AA-304-24
			1/2	AA-304-2
			9/16	AA-304-5
			5/8	AA-304-1
			3/4	AA-304-22
			7/8	AA-304-21
			1	AA-304-20
			1-1/8	AA-304-33
			1-1/4	AA-304-11
	.252	.377	1/4	AA-307
	.251	.376	5/16	AA-307-1
			3/8	AA-307-9
			1/2	AA-307-3
			5/8	AA-307-10
			3/4	AA-307-11
			1	AA-307-2
		1-1/8	AA-307-13	
	.252	.377	1/4	AP-307
	.251	.376	3/8	AP-307-9
		1/2	AP-307-3	
	.253	.377	1/4	AA-385-1
	.252	.376	1/2	AA-385
		3/4	AA-385-2	
1/4 x 7/16 NOMINAL	.251	.4395	3/8	AA-430
	.250	.4385	1/2	AA-430-1
			5/8	AA-430-5
			3/4	AA-430-2
			7/8	AA-430-6
			1	AA-430-3
	.252	.4395	3/8	AA-412-10
	.251	.4385	1/2	AA-412-7
			5/8	AA-412-6
			3/4	AA-412-1
		1	AA-412-8	
1/4 x 1/2 NOMINAL	.252	.5015	5/16	AA-519-4
	.251	.5005	1/2	AA-519-1
			3/4	AA-519-2
			1	AA-519-3
5/16 x 3/8 NOMINAL	.3135	.377	1/4	AA-306-11
	.3125	.376	5/16	AA-306-1
			3/8	AA-306-3
			1/2	AA-306-7
			5/8	AA-306-8
			3/4	AA-306-6
	.3145	.3780	1/4	AA-308-1
	.3135	.3770	3/8	AA-308-2
		1/2	AA-308-3	
5/16 x 7/16 NOMINAL	.3115	.441	3/8	AA-403
	.3105	.440	1/2	AA-403-2
	.3125	.440	1/4	AA-407-1
	.3115	.439	5/16	AA-407-10
			3/8	AA-407-7
			1/2	AA-407-3
			5/8	AA-407-2
			3/4	AA-407-4
	.3135	.4395	1/4	AA-401-17
	.3125	.4385	5/16	AA-401-25
		7/16	AA-401-20	
		3/8	AA-401-2	

	ID	OD	LENGTH	PART NO.
5/16 x 7/16 NOMINAL (CONT.)	.3135	.4395	1/2	AA-401-3
	.3125	.4385	5/8	AA-401-21
			11/16	AA-401-11
			3/4	AA-401-5
			7/8	AA-401-12
			1	AA-401-1
			1-1/8	AA-401
			1-1/4	AA-401-6
			1-3/8	AA-401-8
	.3135	.4395	1/4	AP-401-17
	.3125	.4385	3/8	AP-401-2
			1/2	AP-401-3
			5/8	AP-401-21
			3/4	AP-401-5
	.3145	.440	1/4	AA-418-1
	.3135	.439	3/8	AA-418-2
			1/2	AA-418-3
			5/8	AA-418-4
	.3155	.4395	1/4	AA-417-7
.3145	.4385	1/2	AA-417	
		3/4	AA-417-3	
5/16 x 1/2 NOMINAL	.3125	.503	3/8	AA-520-8
	.3115	.502	1/2	AA-520-3
			5/8	AA-520-4
			3/4	AA-520-1
			7/8	AA-520-2
			1	AA-520-5
	.314	.503	1/4	AA-506-16
	.313	.502	3/8	AA-506-2
			1/2	AA-506-7
			9/16	AA-506-1
		5/8	AA-506-3	
		3/4	AA-506-8	
		1	AA-506-9	
3/8 x 7/16 NOMINAL	.3765	.440	1/4	AA-432-4
	.3755	.439	3/8	AA-432-2
			1/2	AA-432-1
		3/4	AA-432-3	
3/8 x 1/2 NOMINAL	.375	.503	1/4	AA-521-4
	.374	.502	3/8	AA-521-9
			7/16	AA-521-8
			1/2	AA-521-1
			5/8	AA-521-10
			3/4	AA-521
			7/8	AA-521-2
			1	AA-521-11
			1-1/4	AA-521-12
	.3765	.503	3/16	AA-507-12
	.3755	.502	1/4	AA-507-19
			5/16	AA-507-13
		3/8	AA-507-11	
		7/16	AA-507-4	
		1/2	AA-507-10	
		5/8	AA-507-5	
		3/4	AA-507-2	
		7/8	AA-507-3	
		1	AA-507-23	
		1-1/8	AA-507-17	
.378	.5025	1/4	AA-502-5	
.377	.5015	3/8	AA-502-4	
		1/2	AA-502	
		5/8	AA-502-3	
		3/4	AA-502-1	
		1	AA-502-2	



	ID	OD	LENGTH	PART NO.	
3/8 x 1/2 NOMINAL (CONT.)	.378	.5025	1/4	AP-502-5	
	.377	.5015	3/8	AP-502-4	
			1/2	AP-502	
			5/8	AP-502-3	
			3/4	AP-502-1	
3/8 x 9/16 NOMINAL	.3765	.5655	3/8	AA-516-5	
	.3755	.5645	1/2	AA-516-6	
			9/16	AA-516-3	
			11/16	AA-516	
			3/4	AA-516-10	
			1	AA-516-8	
			1-1/4	AA-516-2	
3/8 x 5/8 NOMINAL	.376	.627	3/8	AA-630-8	
	.375	.626	7/16	AA-630-16	
			1/2	AA-630-11	
			5/8	AA-630-6	
			3/4	AA-630-12	
			7/8	AA-630	
			1	AA-630-7	
			1-1/8	AA-630-1	
		1-1/4	AA-630-2		
3/8 x 11/16 NOMINAL	.3765	.689	3/4	AA-615	
	.3755	.688	1-1/2	AA-615-2	
3/8 x 3/4 NOMINAL	.377	.753	1/2	AA-707-2	
	.376	.752	3/4	AA-707-3	
7/16 x 9/16 NOMINAL	.439	.565	5/16	AA-515-1	
	.438	.564	3/8	AA-515-21	
			1/2	AA-515-2	
			5/8	AA-515-3	
			3/4	AA-515	
			13/16	AA-515-12	
			15/16	AA-515-6	
		1	AA-515-8		
7/16 x 5/8 NOMINAL	.439	.627	3/8	AA-627-5	
	.438	.626	7/16	AA-627-13	
			1/2	AA-627-8	
			5/8	AA-627-3	
			3/4	AA-627	
			1	AA-627-4	
			1-1/4	AA-627-1	
			1-1/2	AA-627-7	
1/2 x 5/8 NOMINAL	.5015	.628	5/16	AA-628-21	
	.5005	.627	3/8	AA-628-7	
			7/16	AA-628-8	
			1/2	AA-628-10	
			9/16	AA-628-3	
			5/8	AA-628-25	
			11/16	AA-628-12	
			3/4	AA-628-6	
			7/8	AA-628-20	
			1	AA-628	
			1-1/4	AA-628-11	
			1-1/2	AA-628-5	
		.5015	.628	5/16	AP-628-21
		.5005	.627	3/8	AP-628-7
			7/16	AP-628-8	
		1/2	AP-628-10		
		5/8	AP-628-25		
		3/4	AP-628-6		
		1	AP-628		

	ID	OD	LENGTH	PART NO.	
1/2 x 5/8 NOMINAL (CONT.)	.502	.628	3/8	AA-632-1	
	.501	.627	1/2	AA-632-2	
			5/8	AA-632-3	
			3/4	AA-632-4	
			7/8	AA-632-5	
			1	AA-632-6	
		.5025	.629	1/2	AA-607-1
		.5015	.628	5/8	AA-607-2
			3/4	AA-607-5	
			1	AA-607-3	
1/2 x 11/16 NOMINAL	.504	.6275	1/2	AA-634-4	
	.503	.6265	1	AA-634-5	
	.5015	.690	3/8	AA-650-4	
	.5005	.689	1/2	AA-650-1	
			9/16	AA-650-6	
			5/8	AA-650-9	
			3/4	AA-650	
			7/8	AA-650-7	
			1	AA-650-2	
			1-1/8	AA-650-5	
1/2 x 3/4 NOMINAL	.5025	.689	3/8	AA-631-13	
	.5015	.688	3/4	AA-631	
			1-1/4	AA-631-1	
	.504	.690	1/4	AA-618-16	
	.503	.689	1/2	AA-618-1	
			9/16	AA-618-13	
			5/8	AA-618-12	
			3/4	AA-618-11	
			7/8	AA-618-8	
			1	AA-618-6	
1/2 x 3/4 NOMINAL	.5005	.752	1/2	AA-742-1	
	.4995	.751	3/4	AA-742-2	
			1	AA-742	
			1-1/8	AA-742-4	
			1-1/4	AA-742-3	
	.5015	.752	1/2	AA-753	
	.5005	.751	9/16	AA-753-1	
			3/4	AA-753-5	
			1	AA-753-2	
			1-1/2	AA-753-4	
1/2 x 3/4 NOMINAL	.502	.753	1/2	AA-751-1	
	.501	.752	5/8	AA-751-2	
			3/4	AA-751-3	
			7/8	AA-751-4	
			1	AA-751-5	
	.5025	.753	1/2	AA-744-5	
	.5015	.752	5/8	AA-744-9	
			3/4	AA-744-4	
			7/8	AA-744-10	
			1	AA-744-3	
1/2 x 3/4 NOMINAL	.5025	.753	1/2	AP-744-5	
	.5015	.752	5/8	AP-744-9	
			3/4	AP-744-4	
			7/8	AP-744-10	
			1	AP-744-3	
	.5025	.753	1/2	AA-744-5	
	.5015	.752	5/8	AA-744-9	
			3/4	AA-744-4	
			7/8	AA-744-10	
			1	AA-744-3	

	ID	OD	LENGTH	PART NO.
1/2 x 13/16 NOMINAL	.501	.815	3/4	AA-886-3
	.500	.814	1	AA-886-1
			1-1/2	AA-886-4
1/2 x 7/8 NOMINAL	.503	.879	1/2	AA-842-7
	.502	.878	3/4	AA-842-4
			1	AA-842-3
			1-1/4	AA-842-2
			1-1/2	AA-842
9/16 x 11/16 NOMINAL	.5635	.691	7/16	AA-620-3
	.5625	.690	1/2	AA-620-7
			5/8	AA-620-8
			3/4	AA-620-1
			1	AA-620
9/16 x 3/4 NOMINAL	.5635	.7535	5/8	AA-711-6
	.5625	.7525	3/4	AA-711-1
			1	AA-711-3
			1-1/4	AA-711-5
			1-3/8	AA-711
9/16 x 13/16 NOMINAL	.566	.753	1/2	AA-709-7
	.565	.752	3/4	AA-709-8
			1	AA-709
			1-1/4	AA-709-5
			1-1/2	AA-709-6
9/16 x 7/8 NOMINAL	.567	.877	1	AA-863-3
	.566	.876	1-3/8	AA-863
5/8 x 3/4 NOMINAL	.626	.753	1/2	AA-724-8
	.625	.752	7/8	AA-724-2
			1	AA-724-3
			1-1/8	AA-724
			1-1/4	AA-724-5
5/8 x 13/16 NOMINAL	.627	.752	1/2	AA-741
	.626	.751	5/8	AA-741-1
			3/4	AA-741-4
	.627	.753	3/8	AA-710-13
	.626	.752	1/2	AA-710-27
			5/8	AA-710-19
			3/4	AA-710-6
			7/8	AA-710-16
			1	AA-710-3
			1-1/8	AA-710-8
			1-1/4	AA-710-5
			1-1/2	AA-710-4
	.627	.753	1/2	AP-710-27
	.626	.752	5/8	AP-710-19
			3/4	AP-710-6
		7/8	AP-710-16	
		1	AP-710-3	
.628	.753	1/2	AA-713-1	
.627	.752	5/8	AA-713-2	
		3/4	AA-713-3	
		7/8	AA-713-4	
		1	AA-713-5	
5/8 x 13/16 NOMINAL	.625	.815	1/2	AA-810-4
	.624	.814	5/8	AA-810-2
			3/4	AA-810-10
			7/8	AA-810-1



	ID	OD	LENGTH	PART NO.	
<b>5/8 x 13/16 NOMINAL (CONT.)</b>	.625	.815	1	AA-810-7	
	.624	.814	1-1/4	AA-810-11	
			1-3/8	AA-810	
			1-1/2	AA-810-12	
	.627	.815	3/4	AA-811-7	
	.626	.814	1	AA-811-6	
			1-1/4	AA-811-2	
			1-3/8	AA-811-5	
			1-1/2	AA-811-3	
			1-3/4	AA-811-1	
	.628	.8155	5/8	AA-814-3	
	.627	.8145	3/4	AA-814-2	
			1	AA-814	
			1-1/4	AA-814-5	
<b>5/8 x 7/8 NOMINAL</b>	.625	.877	1/2	AA-880-4	
	.624	.876	3/4	AA-880-2	
			1	AA-880-1	
			1-1/2	AA-880	
	.627	.878	1/2	AA-832-11	
	.626	.877	5/8	AA-832-12	
			3/4	AA-832-6	
			7/8	AA-832-8	
			1	AA-832-1	
			1-1/8	AA-832-13	
			1-1/4	AA-832-4	
			1-3/8	AA-832-2	
			1-1/2	AA-832-5	
			1-5/8	AA-832-9	
			2	AA-832-18	
	.627	.878	1/2	AP-832-11	
	.626	.877	5/8	AP-832-12	
			3/4	AP-832-6	
		7/8	AP-832-8		
		1	AP-832-1		
.628	.878	1/2	AA-881-1		
.627	.877	5/8	AA-881-2		
		3/4	AA-881-3		
		7/8	AA-881-4		
		1	AA-881-5		
<b>5/8 x 15/16 NOMINAL</b>	.628	.940	5/8	AA-946-4	
	.627	.939	3/4	AA-946-2	
			1	AA-946-1	
<b>5/8 x 1 NOMINAL</b>	.628	1.0035	3/4	AA-1011-12	
	.627	1.0025	7/8	AA-1011-5	
			1	AA-1011-3	
			1-1/8	AA-1011-4	
			1-1/4	AA-1011-1	
			1-3/8	AA-1011-13	
			1-1/2	AA-1011	
	<b>11/16 x 13/16 NOMINAL</b>	.6885	.815	1	AA-812-1
		.6875	.814	1-1/4	AA-812
<b>11/16 x 7/8 NOMINAL</b>	.690	.878	1/2	AA-851-2	
	.689	.877	3/4	AA-851-7	
			1	AA-851-8	
			1-1/8	AA-851-6	
			1-1/4	AA-851-1	
<b>11/16 x 15/16 NOMINAL</b>	.689	.941	1	AA-939-3	
	.688	.940	1-1/4	AA-939-2	
			1-1/2	AA-939-4	

	ID	OD	LENGTH	PART NO.
<b>3/4 x 7/8 NOMINAL</b>	.751	.878	1/2	AA-838-14
	.750	.877	9/16	AA-838-9
			5/8	AA-838-25
			3/4	AA-838-16
			7/8	AA-838-6
			1	AA-838-7
			1-1/8	AA-838-13
			1-1/4	AA-838-5
			1-3/8	AA-838-15
			1-1/2	AA-838-4
			1-5/8	AA-838-8
	.752	.878	3/4	AA-885
	.751	.877	1	AA-885-3
			1-1/4	AA-885-4
	.753	.878	1/2	AA-839-14
	.752	.877	5/8	AA-839-1
			11/16	AA-839-3
			3/4	AA-839-6
		1	AA-839-13	
		1-1/8	AA-839-2	
		1-1/4	AA-839-4	
		1-1/2	AA-839-7	
.753	.878	5/8	AP-839-1	
.752	.877	3/4	AP-839-6	
		1	AP-839-13	
<b>3/4 x 15/16 NOMINAL</b>	.7515	.940	3/4	AA-921-5
	.7505	.939	1	AA-921-4
			1-1/8	AA-921-2
			1-1/4	AA-921-3
			1-1/2	AA-921-1
			1-3/4	AA-921
			2	AA-921-6
	.752	.942	1	AA-912
	.751	.941	1-1/4	AA-912-4
			1-3/8	AA-912-1
			1-1/2	AA-912-6
			1-5/8	AA-912-2
		1-3/4	AA-912-7	
<b>3/4 x 1 NOMINAL</b>	.7505	1.0025	3/4	AA-1005-5
	.7495	1.0015	1	AA-1005-7
			1-1/8	AA-1005-3
			1-1/4	AA-1005-2
			1-1/2	AA-1005-4
	.752	1.0025	3/8	AA-1049-18
	.751	1.0015	1/2	AA-1049-14
			5/8	AA-1049-7
			3/4	AA-1049-1
			7/8	AA-1049-2
		1	AA-1049-3	
		1-1/8	AA-1049-16	
		1-1/4	AA-1049	
		1-3/8	AA-1049-17	
		1-1/2	AA-1049-4	
		1-3/4	AA-1049-9	
		2	AA-1049-5	
		2-1/8	AA-1049-11	
		2-1/4	AA-1049-12	
		2-1/2	AA-1049-6	
.753	1.003	1/2	AA-1043-1	
.752	1.002	5/8	AA-1043-2	
		3/4	AA-1043-6	
		7/8	AA-1043-8	
		1	AA-1043-9	

	ID	OD	LENGTH	PART NO.	
<b>3/4 x 1 NOMINAL (CONT.)</b>	.753	1.003	1-1/4	AA-1043	
	.752	1.002	1-1/2	AA-1043-4	
	.753	1.003	1/2	AP-1043-1	
	.752	1.002	5/8	AP-1043-2	
			3/4	AP-1043-6	
			1	AP-1043-9	
			1-1/4	AP-1043	
	<b>3/4 x 1-1/16 NOMINAL</b>	.751	1.0645	1	AA-1039
		.750	1.0635	1-1/4	AA-1039-2
	<b>3/4 x 1-1/8 NOMINAL</b>	.750	1.129	3/4	AA-1130-3
.749		1.128	1-1/4	AA-1130	
.753		1.128	3/4	AA-1106-2	
.752		1.127	1	AA-1106-4	
			1-1/4	AA-1106-3	
			1-3/8	AA-1106-13	
		1-1/2	AA-1106		
		1-3/4	AA-1106-1		
<b>3/4 x 1-1/4 NOMINAL</b>	.753	1.253	1	AA-1257	
	.752	1.252	1-1/4	AA-1257-1	
		1-1/2	AA-1257-2		
<b>13/16 x 1 NOMINAL</b>	.8135	1.003	1	AA-1056-5	
	.8125	1.002	1-1/4	AA-1056-3	
			1-3/4	AA-1056	
	.8145	1.003	7/8	AA-1041-2	
.8135	1.002	1	AA-1041-5		
		1-1/4	AA-1041-6		
<b>7/8 x 1 NOMINAL</b>	.876	1.003	3/8	AA-1008-11	
	.875	1.002	7/16	AA-1008-14	
			1/2	AA-1008-9	
			5/8	AA-1008-13	
			3/4	AA-1008-5	
			1	AA-1008-6	
			1-1/4	AA-1008-1	
			1-1/2	AA-1008-2	
			1-3/4	AA-1008-10	
	.877	1.003	1/2	AA-1009-1	
.876	1.002	5/8	AA-1009-5		
		3/4	AA-1009-8		
		1	AA-1009-3		
		1-1/8	AA-1009		
		1-1/4	AA-1009-2		
.877	1.003	1/2	AP-1009-1		
.876	1.002	5/8	AP-1009-5		
		3/4	AP-1009-8		
		1	AP-1009-3		
.878	1.003	1/2	AA-1007-1		
.877	1.002	3/4	AA-1007-2		
		7/8	AA-1007-3		
		1	AA-1007-4		
<b>7/8 x 1-1/16 NOMINAL</b>	.877	1.065	3/4	AA-1051-3	
	.876	1.064	1-1/4	AA-1051-2	
<b>7/8 x 1-1/8 NOMINAL</b>	.876	1.128	3/4	AA-1108	
	.875	1.127	7/8	AA-1108-15	
			1	AA-1108-1	
			1-1/8	AA-1108-2	
			1-1/4	AA-1108-7	
			1-3/8	AA-1108-16	
			1-1/2	AA-1108-12	
			1-3/4	AA-1108-10	
			2	AA-1108-3	
			2-1/4	AA-1108-11	





	ID	OD	LENGTH	PART NO.
7/8x1-1/8 NOMINAL (CONT.)	.876	1.128	2-1/2	AA-1108-5
	.875	1.127	2-3/4	AA-1108-6
	.878	1.1275	3/4	AA-1104-1
	.877	1.1265	7/8	AA-1104-6
			1	AA-1104-2
			1-1/4	AA-1104-5
			1-3/8	AA-1104-4
			1-1/2	AA-1104-3
	.878	1.1275	3/4	AP-1104-1
	.877	1.1265	7/8	AP-1104-6
		1	AP-1104-2	
		1-1/4	AP-1104-5	
7/8x1-1/4 NOMINAL	.877	1.252	1	AA-1203-3
	.876	1.251	1-1/4	AA-1203
			1-1/2	AA-1203-1
	.878	1.253	3/4	AA-1242-2
.877	1.252	1	AA-1242-3	
		1-3/8	AA-1242	
15/16x1-1/16 NOMINAL	.940	1.065	3/4	AA-1087-1
	.939	1.064	1-1/4	AA-1087
15/16x1-3/16 NOMINAL	.939	1.1895	7/8	AA-1118-6
	.938	1.1885	1	AA-1118-4
		1-1/4	AA-1118-2	
		1-1/2	AA-1118-5	
15/16x1-1/4 NOMINAL	.9375	1.253	1	AA-1206-1
	.9365	1.252	1-1/4	AA-1206-4
			1-1/2	AA-1206-2
	.940	1.254	1-1/2	AA-1216-3
.939	1.253	2	AA-1216	
1x1-1/8 NOMINAL	1.001	1.128	1/2	AA-1110-8
	1.000	1.127	3/4	AA-1110-10
			13/16	AA-1110-2
			1	AA-1110-1
			1-1/4	AA-1110-3
			1-3/8	AA-1110-12
			1-1/2	AA-1110
	1.0035	1.128	3/4	AA-1156
	1.0025	1.127	7/8	AA-1156-4
			1-1/4	AA-1156-3
		1-1/2	AA-1156-1	
1x1-3/16 NOMINAL	1.002	1.1895	3/4	AA-1154-2
	1.001	1.1885	1	AA-1154-1
			1-1/2	AA-1154-3
		2	AA-1154	
1x1-1/4 NOMINAL	1.001	1.252	1/2	AA-1212-7
	1.000	1.251	3/4	AA-1212-6
			1	AA-1212-2
			1-1/4	AA-1212-16
			1-1/2	AA-1212-11
			1-3/4	AA-1212-4
			2	AA-1212-3
			2-1/4	AA-1212-5
			2-1/2	AA-1212
			2-7/8	AA-1212-8
		3	AA-1212-14	
1.002	1.252	1/2	AA-1213-4	
1.001	1.251	3/4	AA-1213-5	
		7/8	AA-1213-6	
		1	AA-1213-3	
		1-1/8	AA-1213-10	
		1-1/4	AA-1213-12	

	ID	OD	LENGTH	PART NO.
1x1-1/4 NOMINAL (CONT.)	1.002	1.252	1-1/2	AA-1213-1
	1.001	1.251	1-3/4	AA-1213-2
			2	AA-1213
			2-1/2	AA-1213-14
			3	AA-1213-15
	1.003	1.253	1/2	AA-1232-1
	1.002	1.252	5/8	AA-1232-10
			3/4	AA-1232-6
			7/8	AA-1232-9
			1	AA-1232
		1-1/8	AA-1232-2	
		1-1/4	AA-1232-3	
		1-1/2	AA-1232-7	
		1-3/4	AA-1232-8	
		2	AA-1232-4	
		2-1/2	AA-1232-5	
1.003	1.253	1/2	AP-1232-1	
1.002	1.252	3/4	AP-1232-6	
		1	AP-1232	
		1-1/4	AP-1232-3	
		1-1/2	AP-1232-7	
1.005	1.2525	1	AA-1204-7	
1.004	1.2515	1-1/4	AA-1204-2	
		1-3/8	AA-1204-1	
		1-1/2	AA-1204	
		2	AA-1204-3	
		2-1/4	AA-1204-5	
		2-1/2	AA-1204-4	
1x1-5/16 NOMINAL	1.001	1.316	1	AA-1304-3
	1.000	1.315	1-1/2	AA-1304
			1-3/4	AA-1304-4
			2	AA-1304-6
	1.002	1.315	1	AA-1325-10
	1.001	1.314	1-1/4	AA-1325-8
		1-1/2	AA-1325-4	
		1-5/8	AA-1325-7	
		1-3/4	AA-1325-5	
		2	AA-1325	
		2-1/2	AA-1325-1	
		2-3/4	AA-1325-3	
		3	AA-1325-2	
1x1-3/8 NOMINAL	1.001	1.378	3/4	AA-1334-3
	1.000	1.377	1-1/4	AA-1334-5
			1-1/2	AA-1334-1
			2	AA-1334-2
1.003	1.377	1	AA-1310-2	
1.002	1.376	1-1/8	AA-1310-1	
		1-1/4	AA-1310-4	
		1-3/8	AA-1310	
		1-1/2	AA-1310-5	
		1-3/4	AA-1310-8	
		2	AA-1310-3	
		2-1/4	AA-1310-6	
1x1-1/2 NOMINAL	1.0035	1.5045	1	AA-1511-7
	1.0025	1.5035	1-1/4	AA-1511-8
		1-1/2	AA-1511-5	
		2	AA-1511-1	
1-1/16x1-5/16 NOMINAL	1.064	1.317	3/4	AA-1307-2
	1.063	1.316	1	AA-1307-4
			1-1/4	AA-1307-5
		1-1/2	AA-1307-1	
1-1/8x1-1/4 NOMINAL	1.1245	1.2535	7/8	AA-1214-6
	1.1235	1.2525	1	AA-1214-3

	ID	OD	LENGTH	PART NO.
1-1/8x1-1/4 NOMINAL (CONT.)	1.1245	1.2535	1-1/8	AA-1214-2
	1.1235	1.2525	1-1/4	AA-1214-1
			1-1/2	AA-1214-8
	1.127	1.2525	1-1/4	AA-1250-2
	1.126	1.2515	1-1/2	AA-1250-3
1-1/8x1-5/16 NOMINAL	1.1265	1.3155	1	AA-1317
	1.1255	1.3145	1-1/4	AA-1317-1
1-1/8x1-3/8 NOMINAL	1.127	1.377	1/2	AA-1332-6
	1.126	1.376	3/4	AA-1332-1
			1	AA-1332-4
			1-1/4	AA-1332-9
			1-1/2	AA-1332-7
			1-3/4	AA-1332-10
			2	AA-1332
			2-1/4	AA-1332-11
			2-1/2	AA-1332-2
			3	AA-1332-8
1.129	1.379	1/2	AA-1319-10	
1.128	1.378	1	AA-1319-3	
		1-1/4	AA-1319	
		1-1/2	AA-1319-13	
		1-3/4	AA-1319-5	
		2	AA-1319-1	
		2-1/4	AA-1319-12	
		2-1/2	AA-1319-2	
1-1/8x1-1/2 NOMINAL	1.126	1.503	1	AA-1509-4
	1.125	1.502	1-1/2	AA-1509-1
			1-3/4	AA-1509-6
			2	AA-1509
		2-1/2	AA-1509-3	
1.127	1.5035	1	AA-1502	
1.126	1.5025	1-1/4	AA-1502-2	
		1-1/2	AA-1502-3	
1-3/16x1-5/16 NOMINAL	1.189	1.3155	1	AA-1339-2
	1.188	1.3145	1-1/4	AA-1339
1-3/16x1-3/8 NOMINAL	1.189	1.379	1-1/2	AA-1324-1
	1.188	1.378	1-3/4	AA-1324
1-3/16x1-7/16 NOMINAL	1.1885	1.441	1-1/4	AA-1403-3
	1.1875	1.440	1-1/2	AA-1403-7
		2	AA-1403-10	
1-3/16x1-1/2 NOMINAL	1.190	1.504	1	AA-1523-2
	1.189	1.503	1-1/2	AA-1523-5
			2	AA-1523
		2-1/2	AA-1523-3	
1.193	1.504	1	AA-1504-6	
1.192	1.503	1-1/2	AA-1504-1	
1-1/4x1-7/16 NOMINAL	1.2515	1.4405	1-1/4	AA-1407-4
	1.2505	1.4395	1-1/2	AA-1407-5
			1-3/4	AA-1407
		2	AA-1407-6	
		2-1/2	AA-1407-8	
1-1/4x1-1/2 NOMINAL	1.250	1.502	3/4	AA-1517-4
	1.249	1.501	1-1/4	AA-1517-6
			1-5/8	AA-1517-1
1.252	1.502	1/2	AA-1512-12	
1.251	1.501	5/8	AA-1512-11	
		3/4	AA-1512-14	
		7/8	AA-1512-7	
		1	AA-1512-15	
		1-1/4	AA-1512-16	



	ID	OD	LENGTH	PART NO.
1-1/4 x 1-1/2 NOMINAL (CONT.)	1.252	1.502	1-3/8	AA-1512-3
	1.251	1.501	1-1/2	AA-1512-2
			1-3/4	AA-1512-17
			1-7/8	AA-1512-1
			2	AA-1512-5
			2-1/2	AA-1512-13
	1.252	1.502	5/8	AP-1512-11
	1.251	1.501	3/4	AP-1512-14
			1	AP-1512-15
			1-1/4	AP-1512-16
		1-1/2	AP-1512-2	
1.2535	1.504	1	AA-1528	
1.2525	1.503	1-1/4	AA-1528-3	
		1-1/2	AA-1528-4	
1.254	1.504	1/2	AA-1524-1	
1.253	1.503	3/4	AA-1524-2	
		1	AA-1524-3	
		1-1/4	AA-1524-4	
		1-1/2	AA-1524-5	
1.258	1.504	1	AA-1505-11	
1.257	1.503	1-1/2	AA-1505-1	
1-1/4 x 1-9/16 NOMINAL	1.252	1.565	1-1/4	AA-1506-12
	1.251	1.5635	1-1/2	AA-1506-6
			1-3/4	AA-1506
			2	AA-1506-7
			2-1/4	AA-1506-8
	1.250	1.627	1-1/2	AA-1602
	1.249	1.6525		
	1.252	1.6275	1	AA-1606-9
1.251	1.626	1-1/4	AA-1606	
		1-1/2	AA-1606-7	
		1-5/8	AA-1606-11	
		1-3/4	AA-1606-1	
		2	AA-1606-3	
		2-1/2	AA-1606-5	
		3	AA-1606-4	
1.254	1.629	1-1/2	AA-1604	
1.253	1.6275	1-3/4	AA-1604-2	
1-1/4 x 1-3/4 NOMINAL	1.254	1.753	1-1/2	AA-1715-6
	1.253	1.7515	2	AA-1715-2
			3	AA-1715-3
1-5/16 x 1-1/2 NOMINAL	1.3155	1.503	1	AA-1526-4
	1.3145	1.5015	1-1/4	AA-1526
			1-1/2	AA-1526-2
		2	AA-1526-3	
1-5/16 x 1-5/8 NOMINAL	1.3155	1.629	1-1/2	AA-1611-5
	1.3145	1.6275	2	AA-1611-2
			2-1/2	AA-1611
1-3/8 x 1-9/16 NOMINAL	1.3745	1.5655	1-1/4	AA-1507-2
	1.3735	1.564	1-1/2	AA-1507
1-3/8 x 1-5/8 NOMINAL	1.376	1.628	1	AA-1608-10
	1.375	1.6265	1-1/8	AA-1608-1
			1-1/4	AA-1608-11
			1-1/2	AA-1608-12
			1-3/4	AA-1608-13
			2	AA-1608
			2-1/2	AA-1608-3
	1.379	1.628	1-1/2	AA-1616-3
	1.378	1.6265	2	AA-1616-5
			2-1/2	AA-1616-7

	ID	OD	LENGTH	PART NO.
1-3/8 x 1-3/4 NOMINAL	1.380	1.753	1-1/2	AA-1708-5
	1.379	1.7515	2	AA-1708-2
		2-1/2	AA-1708	
1-7/16 x 1-5/8 NOMINAL	1.438	1.628	1	AA-1609-2
	1.437	1.6265	1-1/2	AA-1609-4
			2	AA-1609
			2-1/4	AA-1609-6
1-7/16 x 1-3/4 NOMINAL	1.4425	1.7535	7/8	AA-1703-1
	1.4415	1.752	1-1/8	AA-1703-14
			1-1/4	AA-1703-4
			1-1/2	AA-1703-6
			1-3/4	AA-1703-3
			1-7/8	AA-1703
			2	AA-1703-7
			2-1/4	AA-1703-10
			2-1/2	AA-1703-5
1-1/2 x 1-11/16 NOMINAL	1.507	1.691	3/4	AA-1612-4
	1.506	1.6895	1	AA-1612-1
1-1/2 x 1-3/4 NOMINAL	1.503	1.754	1/2	AA-1704-20
	1.502	1.7525	5/8	AA-1704-21
			3/4	AA-1704-16
			7/8	AA-1704-4
			1	AA-1704-15
			1-1/8	AA-1704-17
			1-1/4	AA-1704-11
			1-3/8	AA-1704-5
			1-1/2	AA-1704
			1-3/4	AA-1704-3
		2	AA-1704-2	
		2-1/4	AA-1704-7	
		2-1/2	AA-1704-8	
		3	AA-1704-9	
		3-1/2	AA-1704-19	
	1.503	1.754	3/4	AP-1704-16
	1.502	1.7525	1	AP-1704-15
		1-1/4	AP-1704-11	
		1-1/2	AP-1704	
1-1/2 x 1-13/16 NOMINAL	1.502	1.815	1	AA-1801-1
	1.501	1.8135	1-5/8	AA-1801
1-1/2 x 1-7/8 NOMINAL	1.503	1.878	1-1/2	AA-1807-9
	1.502	1.8765	1-3/4	AA-1807-10
			2	AA-1807
			2-1/2	AA-1807-11
			2-3/4	AA-1807-1
		3	AA-1807-2	
1-1/2 x 2 NOMINAL	1.503	2.004	1	AA-2007-6
	1.502	2.0025	2	AA-2007-2
			2-1/2	AA-2007-3
			3-1/2	AA-2007-5
1-5/8 x 1-7/8 NOMINAL	1.627	1.879	1	AA-1803-10
	1.6255	1.8775	1-1/4	AA-1803-11
			1-1/2	AA-1803-13
			1-3/4	AA-1803-14
			2	AA-1803-7
			2-1/4	AA-1803-1
		2-3/4	AA-1803-15	
1-5/8 x 2 NOMINAL	1.6265	2.004	1-1/2	AA-2000-5
	1.625	2.0025	2	AA-2000-1
			2-1/2	AA-2000-3
		3	AA-2000-4	

	ID	OD	LENGTH	PART NO.
1-11/16 x 2-3/16 NOMINAL	1.6905	2.1915	2	AA-2107-1
	1.689	2.1900		
1-3/4 x 1-5/16 NOMINAL	1.7525	1.9415	1-1/4	AA-1904-2
	1.751	1.9400	1-1/2	AA-1904-3
1-3/4 x 2 NOMINAL	1.753	2.004	1	AA-2001-11
	1.7515	2.0025	1-1/2	AA-2001-3
			1-7/8	AA-2001
			2	AA-2001-9
			2-1/2	AA-2001-1
			2-3/4	AA-2001-13
			3	AA-2001-2
	1.753	2.004	1	AP-2001-11
	1.7515	2.0025	1-1/2	AP-2001-3
1-3/4 x 2-1/8 NOMINAL	1.754	2.128	1/2	AA-2112-8
	1.7525	2.1265	1-1/2	AA-2112-1
		2	AA-2112-2	
		2-1/2	AA-2112-3	
1-3/4 x 2-1/4 NOMINAL	1.753	2.253	2	AA-2204-2
	1.7515	2.2515	2-1/2	AA-2204-3
		3	AA-2204	
1-7/8 x 2-1/4 NOMINAL	1.878	2.254	3/4	AA-2202-10
	1.8765	2.2525	2	AA-2202
		2-1/2	AA-2202-1	
		3	AA-2202-2	
1-15/16 x 2-1/8 NOMINAL	1.940	2.1285	2	AA-2102-3
	1.9385	2.127	2-1/2	AA-2102-1
1-15/16 x 2-5/16 NOMINAL	1.9405	2.3165	2	AA-2306-3
	1.939	2.3150	3	AA-2306-5
1-15/16 x 2-7/16 NOMINAL	1.942	2.4415	1-1/2	AA-2403-1
	1.9405	2.4400	2	AA-2403-2
2 x 2-1/4 NOMINAL	2.003	2.254	3/4	AA-2203-5
	2.0015	2.2525	1	AA-2203-6
			1-1/2	AA-2203-7
			2	AA-2203
			2-1/2	AA-2203-9
		3	AA-2203-10	
	2.003	2.254	1	AP-2203-6
	2.0015	2.2525	1-1/2	AP-2203-7
		2	AP-2203	
2 x 2-3/8 NOMINAL	2.003	2.379	1-1/8	AA-2304-6
	2.0015	2.3775	1-1/2	AA-2304-7
			1-3/4	AA-2304
			2	AA-2304-1
		2-1/2	AA-2304-2	
		3	AA-2304-3	
2 x 2-1/2 NOMINAL	2.003	2.503	1-1/2	AA-2501-1
	2.0015	2.501	2	AA-2501-2
			2-1/2	AA-2501-3
		3	AA-2501	
	2.003	2.503	1-1/2	AP-2501-1
	2.0015	2.501	2	AP-2501-2
2-3/16 x 2-3/8 NOMINAL	2.190	2.379	1-1/2	AA-2303-1
	2.1885	2.3775		
2-1/4 x 2-5/8 NOMINAL	2.254	2.6295	2	AA-2605-3
	2.2525	2.6275	3	AA-2605-5
			3-1/2	AA-2605



	ID	OD	LENGTH	PART NO.
2-1/4 x 2-3/4 NOMINAL	2.253	2.753	1-1/2	AA-2703-1
	2.2515	2.751	2	AA-2703-2
			3	AA-2703
2-3/8 x 2-5/8 NOMINAL	2.377	2.6295	1-1/4	AA-2602-3
	2.3755	2.6275	1-5/8	AA-2602
2-3/8 x 2-3/4 NOMINAL	2.379	2.753	2	AA-2701-2
	2.3775	2.751	2-1/2	AA-2701-6
			3	AA-2701
2-1/2 x 2-3/4 NOMINAL	2.505	2.754	2	AA-2702-5
	2.5035	2.752	2-1/2	AA-2702-4
			3	AA-2702-1
2-1/2 x 2-7/8 NOMINAL	2.504	2.880	2-1/4	AA-2803-1
	2.5025	2.878	2-1/2	AA-2803-3
			3	AA-2803-2
2-1/2 x 3 NOMINAL	2.504	3.005	2	AA-3005-7
	2.5025	3.003	2-1/2	AA-3005-4
2-3/4 x 3 NOMINAL	2.753	3.005	1-1/2	AA-3006-1
	2.751	3.003	2-1/2	AA-3006
2-3/4 x 3-1/8 NOMINAL	2.753	3.129	1-1/4	AA-3100-7
	2.751	3.127	2-3/4	AA-3100
2-3/4 x 3-1/4 NOMINAL	2.752	3.254	1-1/2	AA-3201-1
	2.750	3.252	2	AA-3201-4
			3	AA-3201-7
2-15/16 x 3-5/16 NOMINAL	2.940	3.315	3	AA-3301-3
	2.938	3.313		
3 x 3-1/4 NOMINAL	3.002	3.255	1-1/4	AA-3200-5
	3.000	3.253	2	AA-3200
			3	AA-3200-2
3 x 3-1/2 NOMINAL	3.004	3.505	2-1/2	AA-3502-7
	3.002	3.503	3	AA-3502-8
3-1/2 x 4 NOMINAL	3.5035	4.004	2	AA-4000-3
	3.5015	4.0015	3	AA-4000-5
			3-1/2	AA-4000-6
4 x 4-1/2 NOMINAL	4.0035	4.504	4	AA-4500
	4.001	4.5015		
4 x 4-5/8 NOMINAL	4.003	4.628	4	AA-4600-5
	4.005	4.6245		
4-1/2 x 5-1/4 NOMINAL	4.504	5.2545	5	AA-5201
	4.5015	5.251		
5 x 5-3/4 NOMINAL	5.004	5.755	2	AA-5700-1
	5.0005	5.751		

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Oilite, Excelite and Cast Bronze Bearings

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Beemer Precision, Inc. is devoted to our customers' sleeve bearing needs in powder metal, cast bronze and non-metallic materials.

In our new powder metal manufacturing plant in West Chester, PA, we produce both standard and special P/M parts using the latest technology in the industry. The broadest array of standard sintered bronze bushings are maintained and available for immediate deliveries from our Fort Washington finish machining plant, with shipments arranged in accordance with any production schedule or inventory-reduction program you require.

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Beemer Precision Inc.,  
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**Close-In Calculations**

Bearing	ID	Metric
Max	<input type="text"/>	0.0000
Min	<input type="text"/>	0.0000
OD	Metric	
Max	<input type="text"/>	0.0000
Min	<input type="text"/>	0.0000
Housing BORE	Metric	
Max	<input type="text"/>	0.0000
Min	<input type="text"/>	0.0000
Press Fit	Metric	
Max	<input type="text"/>	0.0000
Min	<input type="text"/>	0.0000
Avg	<input type="text"/>	0.0000

- Bearing Calculator
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