



ID	OD	LGTH.	ITEM NO.	PART NO.
1/8 X 3/16 NOMINAL				
.125	.190	5/32	101001	AA-101-8
		1/4	101002	AA-101-2
		3/8	101003	AA-101
		1/2	101004	AA-101-1
.1265	.1895	1/8	101005	AA-110-1
		1/4	101006	AA-110-2
		5/16	101007	AA-110-4
.127	.1895	1/4	401001	SS-46-4
		1/2	401002	SS-46-8
.127	.1905	1/4	201001	EP020304 (P-12-2)
		1/2	201002	EP020308 (P-12-4)
1/8 X 7/32 NOMINAL				
.127	.222	1/4	101008	AA-223
		3/8	101009	AA-223-1
1/8 X 1/4 NOMINAL				
.127	.252	1/8	301001	B-24-1
		1/4	301002	B-24-2
		3/8	301003	B-24-3
		1/2	301004	B-24-4
.127	.252	1/8	401003	SS-48-2
		1/4	401004	SS-48-4
		3/8	401005	SS-48-6
		1/2	401006	SS-48-8
.127	.253	1/8	201003	EP020402 (P-13-1)
		1/4	201004	EP020404 (P-13-2)
		3/8	201005	EP020406 (P-13-3)
		1/2	201006	EP020408 (P-13-4)
.128	.253	1/4	101010	AA-224
		3/8	101011	AA-224-1
1/8 X 5/16 NOMINAL				
.127	.3145	1/4	401007	SS-410-4
		3/8	401008	SS-410-6
		1/2	401009	SS-410-8
.127	.315	1/8	301005	B-25-1
		1/4	301006	B-25-2
		3/8	301007	B-25-3
		1/2	301008	B-25-4
		5/8	301009	B-25-5
.127	.3155	1/8	201007	EP020502 (P-14-1)
		1/4	201008	EP020504 (P-14-2)
		3/8	201009	EP020506 (P-14-3)
		1/2	201010	EP020508 (P-14-4)
1/8 X 3/8 NOMINAL				
.127	.377	1/4	101012	AA-337-2
		1/2	101013	AA-337-3
5/32 X 7/32 NOMINAL				
.156	.220	1/4	101014	AA-211
		3/8	101015	AA-211-1

ID	OD	LGTH.	ITEM NO.	PART NO.
5/32 X 1/4 NOMINAL				
.1565	.2525	3/8	101016	AA-238
.159	.253	1/4	101017	AA-204-1
		5/16	101018	AA-204
3/16 X 1/4 NOMINAL				
.1875	.252	1/4	101019	AA-225-2
		5/16	101020	AA-225-1
		3/8	101021	AA-225-6
		1/2	101022	AA-225-4
		5/8	101023	AA-225-3
.1885	.252	1/4	101024	AA-226-1
		3/8	101025	AA-226-2
		7/16	101026	AA-226
		1/2	101027	AA-226-3
		5/8	101028	AA-226-4
.189	.252	1/4	301010	B-34-2
		3/8	301011	B-34-3
		1/2	301012	B-34-4
		5/8	301013	B-34-5
		3/4	301014	B-34-6
.189	.252	1/4	401010	SS-68-4
		3/8	401011	SS-68-6
		1/2	401012	SS-68-8
		5/8	401013	SS-68-10
		3/4	401014	SS-68-12
.1895	.253	1/4	201011	EP030404 (P-18-2)
		3/8	201012	EP030406 (P-18-3)
		1/2	201013	EP030408 (P-18-4)
		5/8	201014	EP030410 (P-18-5)
		3/4	201015	EP030412 (P-18-6)
3/16 X 5/16 NOMINAL				
.1885	.3145	3/16	101029	AA-309-9
		1/4	101030	AA-309
		5/16	101031	AA-309-3
		3/8	101032	AA-309-4
		7/16	101033	AA-309-8
		1/2	101034	AA-309-14
		5/8	101035	AA-309-7
		3/4	101036	AA-309-5
.189	.314	1/4	301015	B-35-2
		3/8	301016	B-35-3
		1/2	301017	B-35-4
		5/8	301018	B-35-5
		3/4	301019	B-35-6
.1895	.3145	3/16	101037	AA-331
		1/4	101038	AA-331-2
		3/8	101039	AA-331-3
.1895	.3155	3/16	201554	EP030503 (P-19-1.5)
		1/4	201016	EP030504 (P-19-2)
		5/16	201555	EP030505 (P-19-2.5)
		3/8	201017	EP030506 (P-19-3)

ID	OD	LGTH.	ITEM NO.	PART NO.
.1895	.3155	1/2	201018	EP030508 (P-19-4)
		5/8	201019	EP030510 (P-19-5)
		3/4	201020	EP030512 (P-19-6)
		1	201021	EP030516 (P-19-8)
.190	.3145	1/4	401015	SS-610-4
		3/8	401016	SS-610-6
		1/2	401017	SS-610-8
		5/8	401018	SS-610-10
		3/4	401019	SS-610-12
		1	401020	SS-610-16
3/16 X 3/8 NOMINAL				
.1885	.3775	1/4	101040	AA-346-1
		3/8	101041	AA-346-2
		1/2	101042	AA-346
.1895	.378	1/4	201556	EP030604 (P-20-2)
		3/8	201022	EP030606 (P-20-3)
		1/2	201023	EP030608 (P-20-4)
		5/8	201024	EP030610 (P-20-5)
		3/4	201025	EP030612 (P-20-6)
.190	.377	3/8	401021	SS-612-6
		1/2	401022	SS-612-8
		5/8	401023	SS-612-10
		3/4	401024	SS-612-12
7/32 X 5/16 NOMINAL				
.219	.3145	5/16	101043	AA-318
		3/8	101044	AA-318-1
7/32 X 7/16 NOMINAL				
.219	.440	1/2	101045	AA-410-2
		3/4	101046	AA-410-3
1/4 X 5/16 NOMINAL				
.2505	.3145	1/4	101047	AA-397-1
		1/2	101048	AA-397
.2515	.3155	1/4	101049	AA-347-2
		3/8	101050	AA-347-3
.252	.315	1/4	401025	SS-810-4
		3/8	401026	SS-810-6
		1/2	401027	SS-810-8
		3/4	401028	SS-810-12
.252	.3155	1/4	201026	EP040504 (P-25-2)
		3/8	201027	EP040506 (P-25-3)
		1/2	201028	EP040508 (P-25-4)
		5/8	201557	EP040510 (P-25-5)
		3/4	201029	EP040512 (P-25-6)
.253	.3155	1/2	101051	AA-335-4
		5/8	101052	AA-335-6
		3/4	101053	AA-335-5
1/4 X 3/8 NOMINAL				
.2505	.377	1/4	101054	AA-304-35
		5/16	101055	AA-304-9

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1/4 X 3/8 NOMINAL (cont.)				
.2505	.377	3/8	101056	AA-304-7
		7/16	101057	AA-304-24
		1/2	101058	AA-304-2
		9/16	101059	AA-304-5
		5/8	101060	AA-304-1
		3/4	101061	AA-304-22
		7/8	101062	AA-304-21
		1	101063	AA-304-20
		1-1/8	101064	AA-304-33
		1-1/4	101065	AA-304-11
.252	.377	1/4	101066	AA-307
		5/16	101067	AA-307-1
		3/8	101068	AA-307-9
		1/2	101069	AA-307-3
		5/8	101070	AA-307-10
		3/4	101071	AA-307-11
		1	101072	AA-307-2
		1-1/8	101073	AA-307-13
.252	.377	1/4	301020	B-46-2
		5/16	301021	B-46-2-1/2
		3/8	301022	B-46-3
		1/2	301023	B-46-4
		5/8	301024	B-46-5
		3/4	301025	B-46-6
		7/8	301026	B-46-7
		1	301027	B-46-8
		1-1/4	301028	B-46-10
.252	.377	1/4	401029	SS-812-4
		3/8	401030	SS-812-6
		1/2	401031	SS-812-8
		5/8	401032	SS-812-10
		3/4	401033	SS-812-12
		7/8	401034	SS-812-14
		1	401035	SS-812-16
		1-1/4	401036	SS-812-20
.252	.378	1/4	201030	EP040604 (P-26-2)
		5/16	201558	EP040605 (P-26-2.5)
		3/8	201031	EP040606 (P-26-3)
		7/16	201559	EP040607 (P-26-3.5)
		1/2	201032	EP040608 (P-26-4)
		5/8	201033	EP040610 (P-26-5)
		3/4	201034	EP040612 (P-26-6)
		7/8	201035	EP040614 (P-26-7)
		1	201036	EP040616 (P-26-8)
		1-1/8	201037	EP040618 (P-26-9)
		1-1/4	201038	EP040620 (P-26-10)
.253	.377	1/4	101074	AA-385-1
		1/2	101075	AA-385
		3/4	101076	AA-385-2
1/4 X 7/16 NOMINAL				
.251	.4395	3/8	101077	AA-430
		1/2	101078	AA-430-1

ID	OD	LGTH.	ITEM NO.	PART NO.
.251	.4395	5/8	101079	AA-430-5
		3/4	101080	AA-430-2
		7/8	101081	AA-430-6
		1	101082	AA-430-3
.252	.439	3/8	301029	B-47-3
		1/2	301030	B-47-4
		5/8	301031	B-47-5
		3/4	301032	B-47-6
		7/8	301033	B-47-7
		1	301034	B-47-8
.252	.439	3/8	401037	SS-814-6
		1/2	401038	SS-814-8
		5/8	401039	SS-814-10
		3/4	401040	SS-814-12
		7/8	401041	SS-814-14
		1	401042	SS-814-16
.252	.4395	3/8	101083	AA-412-10
		1/2	101084	AA-412-7
		5/8	101085	AA-412-6
		3/4	101086	AA-412-1
		1	101087	AA-412-8
.252	.4405	3/8	201039	EP040706 (P-27-3)
		1/2	201040	EP040708 (P-27-4)
		5/8	201041	EP040710 (P-27-5)
		3/4	201042	EP040712 (P-27-6)
		7/8	201043	EP040714 (P-27-7)
		1	201044	EP040716 (P-27-8)
1/4 X 1/2 NOMINAL				
.252	.5015	5/16	101088	AA-519-4
		1/2	101089	AA-519-1
		3/4	101090	AA-519-2
		1	101091	AA-519-3
.252	.502	3/8	301035	B-48-3
		1/2	301036	B-48-4
		5/8	301037	B-48-5
		3/4	301038	B-48-6
		7/8	301039	B-48-7
		1	301040	B-48-8
		1-1/4	301041	B-48-10
.252	.503	5/16	201560	EP040805 (P-28-2.5)
		1/2	201045	EP040808 (P-28-4)
		3/4	201046	EP040812 (P-28-6)
		1	201047	EP040816 (P-28-8)
		1-1/4	201048	EP040820 (P-28-10)
.252	.503	1/2	401043	SS-816-8
		3/4	401044	SS-816-12
		1	401045	SS-816-16
		1-1/4	401046	SS-816-20
5/16 X 3/8 NOMINAL				
.3135	.377	1/4	101092	AA-306-11
		5/16	101093	AA-306-1

ID	OD	LGTH.	ITEM NO.	PART NO.
.3135	.377	3/8	101094	AA-306-3
		1/2	101095	AA-306-7
		5/8	101096	AA-306-8
		3/4	101097	AA-306-6
.314	.377	3/8	301042	B-56-3
		1/2	301043	B-56-4
		5/8	301044	B-56-5
		3/4	301045	B-56-6
		7/8	301046	B-56-7
		1	301047	B-56-8
.3145	.378	1/4	201049	EP050604 (P-31-2)
		3/8	201050	EP050606 (P-31-3)
		1/2	201051	EP050608 (P-31-4)
		5/8	201052	EP050610 (P-31-5)
		3/4	201053	EP050612 (P-31-6)
		7/8	201054	EP050614 (P-31-7)
		1	201055	EP050616 (P-31-8)
.3145	.378	1/4	401047	SS-1012-4
		3/8	401048	SS-1012-6
		1/2	401049	SS-1012-8
		5/8	401050	SS-1012-10
		3/4	401051	SS-1012-12
		7/8	401052	SS-1012-14
		1	401053	SS-1012-16
5/16 X 7/16 NOMINAL				
.3115	.441	3/8	101098	AA-403
		1/2	101099	AA-403-2
.3125	.440	1/4	101100	AA-407-1
		5/16	101101	AA-407-10
		3/8	101102	AA-407-7
		1/2	101103	AA-407-3
		5/8	101104	AA-407-2
		3/4	101105	AA-407-4
.3135	.4395	1/4	101106	AA-401-17
		5/16	101107	AA-401-25
		3/8	101110	AA-401-2
		7/16	101108	AA-401-20
		1/2	101111	AA-401-3
		5/8	101112	AA-401-21
		11/16	101109	AA-401-11
		3/4	101113	AA-401-5
		7/8	101114	AA-401-12
		1	101115	AA-401-1
		1-1/8	101116	AA-401
		1-1/4	101117	AA-401-6
		1-3/8	101118	AA-401-8
.314	.439	1/4	301048	B-57-2
		3/8	301049	B-57-3
		1/2	301050	B-57-4
		5/8	301051	B-57-5
		3/4	301052	B-57-6
		7/8	301053	B-57-7

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
5/16 X 7/16 NOMINAL (cont.)				
.314	.439	1	301054	B-57-8
		1-1/4	301055	B-57-10
		1-3/8	301056	B-57-11
.3145	.440	1/4	401054	SS-1014-4
		3/8	401055	SS-1014-6
		1/2	401056	SS-1014-8
		5/8	401057	SS-1014-10
		3/4	401058	SS-1014-12
		7/8	401059	SS-1014-14
		1	401060	SS-1014-16
		1-1/8	401061	SS-1014-18
		1-1/4	401062	SS-1014-20
.3145	.4405	1/4	201056	EP050704 (P-32-2)
		5/16	201561	EP050705 (P-32-2.5)
		3/8	201057	EP050706 (P-32-3)
		1/2	201058	EP050708 (P-32-4)
		5/8	201059	EP050710 (P-32-5)
		3/4	201060	EP050712 (P-32-6)
		7/8	201061	EP050714 (P-32-7)
		1	201062	EP050716 (P-32-8)
		1-1/8	201063	EP050718 (P-32-9)
		1-1/4	201064	EP050720 (P-32-10)
.3155	.4395	1/4	101119	AA-417-7
		1/2	101120	AA-417
		3/4	101121	AA-417-3
5/16 X 1/2 NOMINAL				
.3125	.503	3/8	101122	AA-520-8
		1/2	101123	AA-520-3
		5/8	101124	AA-520-4
		3/4	101125	AA-520-1
		7/8	101126	AA-520-2
		1	101127	AA-520-5
.314	.502	3/8	301057	B-58-3
		1/2	301058	B-58-4
		5/8	301059	B-58-5
		3/4	301060	B-58-6
		7/8	301061	B-58-7
		1	301062	B-58-8
		1-1/4	301063	B-58-10
		1-1/2	301064	B-58-12
		1-3/4	301065	B-58-14
.314	.503	1/4	101128	AA-506-16
		3/8	101129	AA-506-2
		1/2	101130	AA-506-7
		9/16	101131	AA-506-1
		5/8	101132	AA-506-3
		3/4	101133	AA-506-8
		1	101134	AA-506-9
.3145	.503	3/8	201065	EP050806 (P-33-3)
		1/2	201066	EP050808 (P-33-4)
		5/8	201067	EP050810 (P-33-5)
		3/4	201068	EP050812 (P-33-6)

ID	OD	LGTH.	ITEM NO.	PART NO.
.3145	.503	7/8	201069	EP050814 (P-33-7)
		1	201070	EP050816 (P-33-8)
		1-1/4	201071	EP050820 (P-33-10)
		1-1/2	201072	EP050824 (P-33-12)
.3145	.503	3/8	401063	SS-1016-6
		1/2	401064	SS-1016-8
		5/8	401065	SS-1016-10
		3/4	401066	SS-1016-12
		7/8	401067	SS-1016-14
		1	401068	SS-1016-16
		1-1/4	401069	SS-1016-20
		1-1/2	401070	SS-1016-24
3/8 X 7/16 NOMINAL				
.3765	.440	1/4	101135	AA-432-4
		3/8	101136	AA-432-2
		1/2	101137	AA-432-1
		3/4	101138	AA-432-3
.377	.440	1/2	401071	SS-1214-8
		5/8	401072	SS-1214-10
		3/4	401073	SS-1214-12
		1	401074	SS-1214-16
.377	.4405	1/2	201073	EP060708 (P-37-4)
		5/8	201074	EP060710 (P-37-5)
		3/4	201075	EP060712 (P-37-6)
		1	201076	EP060716 (P-37-8)
3/8 X 1/2 NOMINAL				
.375	.503	1/4	101139	AA-521-4
		3/8	101140	AA-521-9
		7/16	101141	AA-521-8
		1/2	101142	AA-521-1
		5/8	101143	AA-521-10
		3/4	101144	AA-521
		7/8	101145	AA-521-2
		1	101146	AA-521-11
		1-1/4	101147	AA-521-12
.3765	.503	3/16	101148	AA-507-12
		1/4	101149	AA-507-19
		5/16	101150	AA-507-13
		3/8	101151	AA-507-11
		7/16	101152	AA-507-4
		1/2	101153	AA-507-10
		5/8	101154	AA-507-5
		3/4	101155	AA-507-2
		7/8	101156	AA-507-3
		1	101157	AA-507-23
		1-1/8	101158	AA-507-17
.377	.502	3/8	301066	B-68-3
		1/2	301067	B-68-4
		5/8	301068	B-68-5
		3/4	301069	B-68-6
		7/8	301070	B-68-7

ID	OD	LGTH.	ITEM NO.	PART NO.
.377	.502	1	301071	B-68-8
		1-1/4	301072	B-68-10
.377	.503	3/16	201563	EP060803 (P-38-1.5)
		1/4	201077	EP060804 (P-38-2)
		5/16	201564	EP060805 (P-38-2.5)
		3/8	201078	EP060806 (P-38-3)
		7/16	201565	EP060807 (P-38-3.5)
		1/2	201079	EP060808 (P-38-4)
		5/8	201080	EP060810 (P-38-5)
		3/4	201081	EP060812 (P-38-6)
		7/8	201082	EP060814 (P-38-7)
		1	201083	EP060816 (P-38-8)
		1-1/8	201084	EP060818 (P-38-9)
		1-1/4	201085	EP060820 (P-38-10)
.378	.5025	1/4	101159	AA-502-5
		1/2	101160	AA-502
		5/8	101161	AA-502-3
		3/4	101162	AA-502-1
		1	101163	AA-502-2
.378	.503	1/4	401075	SS-1216-4
		3/8	401076	SS-1216-6
		1/2	401077	SS-1216-8
		5/8	401078	SS-1216-10
		3/4	401079	SS-1216-12
		7/8	401080	SS-1216-14
		1	401081	SS-1216-16
		1-1/8	401082	SS-1216-18
		1-1/4	401083	SS-1216-20
3/8 X 9/16 NOMINAL				
.3765	.5655	3/8	101164	AA-516-5
		1/2	101165	AA-516-6
		9/16	101166	AA-516-3
		11/16	101167	AA-516
		3/4	101168	AA-516-10
		1	101169	AA-516-8
		1-1/4	101170	AA-516-2
.377	.5645	3/8	301073	B-69-3
		1/2	301074	B-69-4
		5/8	301075	B-69-5
		3/4	301076	B-69-6
		7/8	301077	B-69-7
		1	301078	B-69-8
		1-1/4	301079	B-69-10
.377	.5655	3/8	201086	EP060906 (P-39-3)
		1/2	201087	EP060908 (P-39-4)
		5/8	201088	EP060910 (P-39-5)
		3/4	201089	EP060912 (P-39-6)
		7/8	201090	EP060914 (P-39-7)
		1	201091	EP060916 (P-39-8)
		1-1/4	201092	EP060920 (P-39-10)
.378	.565	3/8	401084	SS-1218-6
		1/2	401085	SS-1218-8



ID	OD	LGTH.	ITEM NO.	PART NO.
3/8 X 9/16 NOMINAL (cont.)				
.378	.565	5/8	401086	SS-1218-10
		3/4	401087	SS-1218-12
		7/8	401088	SS-1218-14
		1	401089	SS-1218-16
		1-1/4	401090	SS-1218-20
3/8 X 5/8 NOMINAL				
.376	.627	3/8	101171	AA-630-8
		7/16	101172	AA-630-16
		1/2	101173	AA-630-11
		5/8	101174	AA-630-6
		3/4	101175	AA-630-12
		7/8	101176	AA-630
		1	101177	AA-630-7
		1-1/8	101178	AA-630-1
		1-1/4	101179	AA-630-2
.377	.627	3/8	301080	B-610-3
		1/2	301081	B-610-4
		5/8	301082	B-610-5
		3/4	301083	B-610-6
		7/8	301084	B-610-7
		1	301085	B-610-8
		1-1/4	301086	B-610-10
.377	.628	3/8	201093	EP061006 (P-40-3)
		1/2	201094	EP061008 (P-40-4)
		5/8	201095	EP061010 (P-40-5)
		3/4	201096	EP061012 (P-40-6)
		7/8	201097	EP061014 (P-40-7)
		1	201098	EP061016 (P-40-8)
		1-1/4	201099	EP061020 (P-40-10)
.378	.628	3/8	401091	SS-1220-6
		1/2	401092	SS-1220-8
		5/8	401093	SS-1220-10
		3/4	401094	SS-1220-12
		7/8	401095	SS-1220-14
		1	401096	SS-1220-16
		1-1/4	401097	SS-1220-20
		1-1/2	401098	SS-1220-24
3/8 X 11/16 NOMINAL				
.3765	.689	3/4	101180	AA-615
		1-1/2	101181	AA-615-2
3/8 X 3/4 NOMINAL				
.377	.753	1/2	101182	AA-707-2
		3/4	101183	AA-707-3
		1	101184	AA-707
		1-1/4	101185	AA-707-4
.377	.753	3/8	301087	B-612-3
		1/2	301088	B-612-4
		3/4	301089	B-612-6
		1	301090	B-612-8
		1-1/4	301091	B-612-10

ID	OD	LGTH.	ITEM NO.	PART NO.
.377	.753	3/8	201100	EP061206 (P-41-3)
		1/2	201101	EP061208 (P-41-4)
		3/4	201102	EP061212 (P-41-6)
		1	201103	EP061216 (P-41-8)
		1-1/4	201104	EP061220 (P-41-10)
.378	.753	3/8	401099	SS-1224-6
		1/2	401100	SS-1224-8
		3/4	401101	SS-1224-12
		1	401102	SS-1224-16
		1-1/4	401103	SS-1224-20
7/16 X 9/16 NOMINAL				
.439	.5645	3/8	301092	B-79-3
		1/2	301093	B-79-4
		5/8	301094	B-79-5
		3/4	301095	B-79-6
		7/8	301096	B-79-7
		1	301097	B-79-8
		1-1/4	301098	B-79-10
.439	.565	5/16	101186	AA-515-1
		3/8	101187	AA-515-21
		1/2	101188	AA-515-2
		5/8	101189	AA-515-3
		3/4	101190	AA-515
		13/16	101191	AA-515-12
		15/16	101192	AA-515-6
		1	101193	AA-515-8
.4395	.5655	3/8	201105	EP070906 (P-43-3)
		1/2	201106	EP070908 (P-43-4)
		5/8	201107	EP070910 (P-43-5)
		3/4	201108	EP070912 (P-43-6)
		7/8	201109	EP070914 (P-43-7)
		1	201110	EP070916 (P-43-8)
		1-1/4	201111	EP070920 (P-43-10)
.440	.565	3/8	401104	SS-1418-6
		1/2	401105	SS-1418-8
		5/8	401106	SS-1418-10
		3/4	401107	SS-1418-12
		7/8	401108	SS-1418-14
		1	401109	SS-1418-16
		1-1/4	401110	SS-1418-20
7/16 X 5/8 NOMINAL				
.439	.627	3/8	101194	AA-627-5
		7/16	101195	AA-627-13
		1/2	101196	AA-627-8
		5/8	101197	AA-627-3
		3/4	101198	AA-627
		1	101199	AA-627-4
		1-1/4	101200	AA-627-1
		1-1/2	101201	AA-627-7
.439	.628	3/8	301099	B-710-3
		1/2	301100	B-710-4

ID	OD	LGTH.	ITEM NO.	PART NO.
.439	.628	5/8	301101	B-710-5
		3/4	301102	B-710-6
		7/8	301103	B-710-7
		1	301104	B-710-8
		1-1/4	301105	B-710-10
.4395	.628	3/8	201112	EP071006 (P-44-3)
		1/2	201113	EP071008 (P-44-4)
		5/8	201114	EP071010 (P-44-5)
		3/4	201115	EP071012 (P-44-6)
		7/8	201116	EP071014 (P-44-7)
		1	201117	EP071016 (P-44-8)
		1-1/4	201118	EP071020 (P-44-10)
		1-1/2	201119	EP071024 (P-44-12)
.440	.628	3/8	401111	SS-1420-6
		1/2	401112	SS-1420-8
		5/8	401113	SS-1420-10
		3/4	401114	SS-1420-12
		7/8	401115	SS-1420-14
		1	401116	SS-1420-16
		1-1/4	401117	SS-1420-20
		1-1/2	401118	SS-1420-24
7/16 X 11/16 NOMINAL				
.439	.690	1/2	301106	B-711-4
		1	301107	B-711-8
		1-1/2	301108	B-711-12
.4395	.6905	1/2	201120	EP071108 (P-45-4)
		1	201121	EP071116 (P-45-8)
		1-1/2	201122	EP071124 (P-45-12)
.4395	.6905	1/2	401119	SS-1422-8
		1	401120	SS-1422-16
		1-1/2	401121	SS-1422-24
1/2 X 5/8 NOMINAL				
.5015	.628	5/16	101202	AA-628-21
		3/8	101203	AA-628-7
		7/16	101204	AA-628-8
		1/2	101205	AA-628-10
		9/16	101206	AA-628-3
		5/8	101207	AA-628-25
		11/16	101208	AA-628-12
		3/4	101209	AA-628-6
		7/8	101210	AA-628-20
		1	101211	AA-628
		1-1/4	101212	AA-628-11
		1-1/2	101213	AA-628-5
.502	.628	1/2	301109	B-810-4
		5/8	301110	B-810-5
		3/4	301111	B-810-6
		7/8	301112	B-810-7
		1	301113	B-810-8
		1-1/8	301114	B-810-9
		1-1/4	301115	B-810-10
.502	.628	1-1/2	301116	B-810-12

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.	
1/2 X 5/8 NOMINAL (cont.)					
.502	.628	5/16	201566	EP081005	(P-50-2.5)
		3/8	201123	EP081006	(P-50-3)
		7/16	201567	EP081007	(P-50-3.5)
		1/2	201124	EP081008	(P-50-4)
		9/16	201568	EP081009	(P-50-4.5)
		5/8	201125	EP081010	(P-50-5)
		11/16	201569	EP081011	(P-50-5.5)
		3/4	201126	EP081012	(P-50-6)
		7/8	201127	EP081014	(P-50-7)
		1	201128	EP081016	(P-50-8)
		1-1/8	201129	EP081018	(P-50-9)
		1-1/4	201130	EP081020	(P-50-10)
		1-1/2	201131	EP081024	(P-50-12)
.502	.628	3/8	401122	SS-1620-6	
		1/2	401123	SS-1620-8	
		5/8	401124	SS-1620-10	
		3/4	401125	SS-1620-12	
		7/8	401126	SS-1620-14	
		1	401127	SS-1620-16	
		1-1/8	401128	SS-1620-18	
		1-1/4	401129	SS-1620-20	
		1-1/2	401130	SS-1620-24	
.5025	.629	1/2	101214	AA-607-1	
		5/8	101215	AA-607-2	
		3/4	101216	AA-607-5	
		1	101217	AA-607-3	
		1-1/4	101218	AA-607-6	
.504	.6275	1/2	101219	AA-634-4	
		1	101220	AA-634-5	
1/2 X 11/16 NOMINAL					
.5015	.690	3/8	101221	AA-650-4	
		1/2	101222	AA-650-1	
		9/16	101223	AA-650-6	
		5/8	101224	AA-650-9	
		3/4	101225	AA-650	
		7/8	101226	AA-650-7	
		1	101227	AA-650-2	
		1-1/8	101228	AA-650-5	
		1-1/4	101229	AA-650-12	
		1-1/2	101230	AA-650-3	
.502	.690	1/2	301117	B-811-4	
		5/8	301118	B-811-5	
		3/4	301119	B-811-6	
		7/8	301120	B-811-7	
		1	301121	B-811-8	
		1-1/8	301122	B-811-9	
		1-1/4	301123	B-811-10	
		1-1/2	301124	B-811-12	
.502	.6905	3/8	201570	EP081106	(P-51-3)
		1/2	201132	EP081108	(P-51-4)
		5/8	201133	EP081110	(P-51-5)

ID	OD	LGTH.	ITEM NO.	PART NO.	
.502	.6905	3/4	201134	EP081112	(P-51-6)
		7/8	201135	EP081114	(P-51-7)
		1	201136	EP081116	(P-51-8)
		1-1/8	201137	EP081118	(P-51-9)
		1-1/4	201138	EP081120	(P-51-10)
		1-1/2	201139	EP081124	(P-51-12)
.5025	.689	3/8	101231	AA-631-13	
		3/4	101232	AA-631	
		1-1/4	101233	AA-631-1	
.503	.690	1/2	401131	SS-1622-8	
		5/8	401132	SS-1622-10	
		3/4	401133	SS-1622-12	
		7/8	401134	SS-1622-14	
		1	401135	SS-1622-16	
		1-1/8	401136	SS-1622-18	
		1-1/4	401137	SS-1622-20	
		1-1/2	401138	SS-1622-24	
.504	.690	1/4	101234	AA-618-16	
		1/2	101235	AA-618-1	
		9/16	101236	AA-618-13	
		5/8	101237	AA-618-12	
		3/4	101238	AA-618-11	
		7/8	101239	AA-618-8	
		1	101240	AA-618-6	
		1-1/8	101241	AA-618-2	
		1-3/8	101242	AA-618-5	
1/2 X 3/4 NOMINAL					
.5005	.752	1/2	101243	AA-742-1	
		3/4	101244	AA-742-2	
		1	101245	AA-742	
		1-1/8	101246	AA-742-4	
		1-1/4	101247	AA-742-3	
.5015	.752	1/2	101248	AA-753	
		9/16	101249	AA-753-1	
		3/4	101250	AA-753-5	
		1	101251	AA-753-2	
		1-1/2	101252	AA-753-4	
.502	.753	1/2	301125	B-812-4	
		5/8	301126	B-812-5	
		3/4	301127	B-812-6	
		7/8	301128	B-812-7	
		1	301129	B-812-8	
		1-1/8	301130	B-812-9	
		1-1/4	301131	B-812-10	
		1-1/2	301132	B-812-12	
		1-3/4	301133	B-812-14	
		2	301134	B-812-16	
.502	.753	3/8	201140	EP081206	(P-52-3)
		1/2	201141	EP081208	(P-52-4)
		5/8	201142	EP081210	(P-52-5)
		3/4	201143	EP081212	(P-52-6)
		7/8	201144	EP081214	(P-52-7)

ID	OD	LGTH.	ITEM NO.	PART NO.	
.502	.753	1	201145	EP081216	(P-52-8)
		1-1/8	201146	EP081218	(P-52-9)
		1-1/4	201147	EP081220	(P-52-10)
		1-1/2	201148	EP081224	(P-52-12)
		1-3/4	201149	EP081228	(P-52-14)
		2	201150	EP081232	(P-52-16)
.5025	.753	1/2	101253	AA-744-5	
		5/8	101254	AA-744-9	
		3/4	101255	AA-744-4	
		7/8	101256	AA-744-10	
		1	101257	AA-744-3	
		1-1/4	101258	AA-744	
		1-1/2	101259	AA-744-1	
		1-3/4	101260	AA-744-2	
.503	.753	3/8	401139	SS-1624-6	
		1/2	401140	SS-1624-8	
		5/8	401141	SS-1624-10	
		3/4	401142	SS-1624-12	
		7/8	401143	SS-1624-14	
		1	401144	SS-1624-16	
		1-1/8	401145	SS-1624-18	
		1-1/4	401146	SS-1624-20	
		1-1/2	401147	SS-1624-24	
		1-3/4	401148	SS-1624-28	
		2	401149	SS-1624-32	
1/2 X 13/16 NOMINAL					
.501	.815	3/4	101261	AA-886-3	
		1	101262	AA-886-1	
		1-1/2	101263	AA-886-4	
.502	.815	1/2	301135	B-813-4	
		3/4	301136	B-813-6	
		1	301137	B-813-8	
		1-1/2	301138	B-813-12	
.502	.8165	1/2	201151	EP081308	(P-53-4)
		3/4	201152	EP081312	(P-53-6)
		1	201153	EP081316	(P-53-8)
		1-1/2	201154	EP081324	(P-53-12)
.503	.815	1/2	401150	SS-1626-8	
		3/4	401151	SS-1626-12	
		1	401152	SS-1626-16	
		1-1/2	401153	SS-1626-24	
1/2 X 7/8 NOMINAL					
.502	.878	1/2	301139	B-814-4	
		5/8	301140	B-814-5	
		3/4	301141	B-814-6	
		7/8	301142	B-814-7	
		1	301143	B-814-8	
		1-1/4	301144	B-814-10	
		1-1/2	301145	B-814-12	
.502	.879	1/2	201155	EP081408	(P-54-4)
		5/8	201156	EP081410	(P-54-5)



ID	OD	LGTH.	ITEM NO.	PART NO.	
1/2 X 7/8 NOMINAL (cont.)					
.502	.879	3/4	201157	EP081412	(P-54-6)
		7/8	201158	EP081414	(P-54-7)
		1	201159	EP081416	(P-54-8)
		1-1/4	201160	EP081420	(P-54-10)
		1-1/2	201161	EP081424	(P-54-12)
.503	.878	1/2	401154	SS-1628-8	
		5/8	401155	SS-1628-10	
		3/4	401156	SS-1628-12	
		7/8	401157	SS-1628-14	
		1	401158	SS-1628-16	
		1-1/4	401159	SS-1628-20	
		1-1/2	401160	SS-1628-24	
.503	.879	1/2	101264	AA-842-7	
		3/4	101265	AA-842-4	
		1	101266	AA-842-3	
		1-1/4	101267	AA-842-2	
		1-1/2	101268	AA-842	
1/2 X 1 NOMINAL					
.502	1.004	3/4	201162	EP081612	(P-55-6)
		1	201163	EP081616	(P-55-8)
		1-1/2	201164	EP081624	(P-55-12)
		2	201165	EP081632	(P-55-16)
.503	1.004	3/4	401161	SS-1632-12	
		1	401162	SS-1632-16	
		1-1/2	401163	SS-1632-24	
		2	401164	SS-1632-32	
9/16 X 11/16 NOMINAL					
.5635	.691	7/16	101269	AA-620-3	
		1/2	101270	AA-620-7	
		5/8	101271	AA-620-8	
		3/4	101272	AA-620-1	
		1	101273	AA-620	
		1-1/4	101274	AA-620-5	
.5645	.6905	1/2	201166	EP091108	(P-56-4)
		5/8	201571	EP091110	(P-56-5)
		3/4	201167	EP091112	(P-56-6)
		1	201168	EP091116	(P-56-8)
		1-1/4	201169	EP091120	(P-56-10)
		1-1/2	201170	EP091124	(P-56-12)
.565	.690	1/2	401165	SS-1822-8	
		3/4	401166	SS-1822-12	
		1	401167	SS-1822-16	
		1-1/4	401168	SS-1822-20	
		1-1/2	401169	SS-1822-24	
.565	.691	1/2	301146	B-911-4	
		3/4	301147	B-911-6	
		1	301148	B-911-8	
		1-1/2	301149	B-911-12	
.568	.689	1-1/8	101275	AA-658-5	
		1-1/2	101276	AA-658-1	
		2-3/8	101277	AA-658	

ID	OD	LGTH.	ITEM NO.	PART NO.	
9/16 X 3/4 NOMINAL					
.5635	.7535	5/8	101278	AA-711-6	
		3/4	101279	AA-711-1	
		1	101280	AA-711-3	
		1-1/4	101281	AA-711-5	
		1-3/8	101282	AA-711	
		1-1/2	101283	AA-711-2	
.5645	.753	1/2	201171	EP091208	(P-57-4)
		3/4	201172	EP091212	(P-57-6)
		1	201173	EP091216	(P-57-8)
		1-1/4	201174	EP091220	(P-57-10)
		1-1/2	201175	EP091224	(P-57-12)
.565	.753	1/2	301150	B-912-4	
		3/4	301151	B-912-6	
		1	301152	B-912-8	
		1-1/2	301153	B-912-12	
.565	.753	1/2	401170	SS-1824-8	
		3/4	401171	SS-1824-12	
		1	401172	SS-1824-16	
		1-1/4	401173	SS-1824-20	
		1-1/2	401174	SS-1824-24	
.566	.753	1/2	101284	AA-709-7	
		3/4	101285	AA-709-8	
		1	101286	AA-709	
		1-1/4	101287	AA-709-5	
		1-1/2	101288	AA-709-6	
9/16 X 13/16 NOMINAL					
.563	.815	3/4	101289	AA-807-3	
		1	101290	AA-807-2	
		1-1/4	101291	AA-807-4	
.5645	.8165	1/2	201176	EP091308	(P-58-4)
		3/4	201177	EP091312	(P-58-6)
		1	201178	EP091316	(P-58-8)
		1-1/4	201179	EP091320	(P-58-10)
		1-1/2	201180	EP091324	(P-58-12)
.565	.815	1/2	301154	B-913-4	
		3/4	301155	B-913-6	
		1	301156	B-913-8	
		1-1/4	301157	B-913-10	
		1-1/2	301158	B-913-12	
.565	.815	1/2	401175	SS-1826-8	
		3/4	401176	SS-1826-12	
		1	401177	SS-1826-16	
		1-1/4	401178	SS-1826-20	
		1-1/2	401179	SS-1826-24	
9/16 X 7/8 NOMINAL					
.567	.877	1	101292	AA-863-3	
		1-3/8	101293	AA-863	

ID	OD	LGTH.	ITEM NO.	(PART NO.)	
5/8 X 3/4 NOMINAL					
.626	.753	1/2	101294	AA-724-8	
.626	.753	7/8	101295	AA-724-2	
		1	101296	AA-724-3	
		1-1/8	101297	AA-724	
		1-1/4	101298	AA-724-5	
.627	.752	1/2	101299	AA-741	
		5/8	101300	AA-741-1	
		3/4	101301	AA-741-4	
.627	.753	3/8	101302	AA-710-13	
		1/2	101303	AA-710-27	
		5/8	101304	AA-710-19	
		3/4	101305	AA-710-6	
		7/8	101306	AA-710-16	
		1	101307	AA-710-3	
		1-1/8	101308	AA-710-8	
		1-1/4	101309	AA-710-5	
		1-1/2	101310	AA-710-4	
.627	.753	3/8	201572	EP101206	(P-62-3)
		1/2	201181	EP101208	(P-62-4)
		5/8	201182	EP101210	(P-62-5)
		3/4	201183	EP101212	(P-62-6)
		7/8	201184	EP101214	(P-62-7)
		1	201185	EP101216	(P-62-8)
		1-1/8	201186	EP101218	(P-62-9)
		1-1/4	201187	EP101220	(P-62-10)
		1-1/2	201188	EP101224	(P-62-12)
.628	.753	1/2	301159	B-1012-4	
		5/8	301160	B-1012-5	
		3/4	301161	B-1012-6	
		7/8	301162	B-1012-7	
		1	301163	B-1012-8	
		1-1/8	301164	B-1012-9	
		1-1/4	301165	B-1012-10	
		1-1/2	301166	B-1012-12	
.628	.753	1/2	401180	SS-2024-8	
		5/8	401181	SS-2024-10	
		3/4	401182	SS-2024-12	
		7/8	401183	SS-2024-14	
		1	401184	SS-2024-16	
		1-1/8	401185	SS-2024-18	
		1-1/4	401186	SS-2024-20	
		1-1/2	401187	SS-2024-24	
5/8 X 13/16 NOMINAL					
.625	.815	1/2	101311	AA-810-4	
		5/8	101312	AA-810-2	
		3/4	101313	AA-810-10	
		7/8	101314	AA-810-1	
		1	101315	AA-810-7	
		1-1/4	101316	AA-810-11	
		1-3/8	101317	AA-810	
		1-1/2	101318	AA-810-12	
.627	.815	3/4	101319	AA-811-7	
		1	101320	AA-811-6	

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
5/8 X 13/16 NOMINAL (cont.)				
.627	.815	1-1/4	101321	AA-811-2
		1-3/8	101322	AA-811-5
		1-1/2	101323	AA-811-3
		1-3/4	101324	AA-811-1
		1.99	101325	AA-811
.627	.815	1/2	301167	B-1013-4
		5/8	301168	B-1013-5
		3/4	301169	B-1013-6
		7/8	301170	B-1013-7
		1	301171	B-1013-8
		1-1/4	301172	B-1013-10
		1-1/2	301173	B-1013-12
		2	301174	B-1013-16
.627	.8165	1/2	201189	EP101308 (P-63-4)
		5/8	201190	EP101310 (P-63-5)
		3/4	201191	EP101312 (P-63-6)
		7/8	201192	EP101314 (P-63-7)
		1	201193	EP101316 (P-63-8)
		1-1/4	201194	EP101320 (P-63-10)
		1-1/2	201195	EP101324 (P-63-12)
		1-3/4	201196	EP101328 (P-63-14)
.628	.815	1/2	401188	SS-2026-8
		5/8	401189	SS-2026-10
		3/4	401190	SS-2026-12
		7/8	401191	SS-2026-14
		1	401192	SS-2026-16
		1-1/4	401193	SS-2026-20
		1-1/2	401194	SS-2026-24
		1-3/4	401195	SS-2026-28
.628	.8155	5/8	101326	AA-814-3
		3/4	101327	AA-814-2
		1	101328	AA-814
		1-1/4	101329	AA-814-5
5/8 X 7/8 NOMINAL				
.625	.877	1/2	101330	AA-880-4
		3/4	101331	AA-880-2
		1	101332	AA-880-1
		1-1/2	101333	AA-880
.627	.878	1/2	101334	AA-832-11
		5/8	101335	AA-832-12
		3/4	101336	AA-832-6
		7/8	101337	AA-832-8
		1	101338	AA-832-1
		1-1/8	101339	AA-832-13
		1-1/4	101340	AA-832-4
		1-3/8	101341	AA-832-2
		1-1/2	101342	AA-832-5
		1-5/8	101343	AA-832-9
		2	101344	AA-832-18

ID	OD	LGTH.	ITEM NO.	PART NO.
.627	.878	5/8	301175	B-1014-5
		3/4	301176	B-1014-6
		7/8	301177	B-1014-7
		1	301178	B-1014-8
		1-1/4	301179	B-1014-10
		1-1/2	301180	B-1014-12
		1-3/4	301181	B-1014-14
		2	301182	B-1014-16
.627	.879	1/2	201197	EP101408 (P-64-4)
		5/8	201198	EP101410 (P-64-5)
		3/4	201199	EP101412 (P-64-6)
		7/8	201200	EP101414 (P-64-7)
		1	201201	EP101416 (P-64-8)
		1-1/8	201202	EP101418 (P-64-9)
		1-1/4	201203	EP101420 (P-64-10)
		1-1/2	201204	EP101424 (P-64-12)
		1-3/4	201205	EP101428 (P-64-14)
		2	201206	EP101432 (P-64-16)
.628	.878	1/2	401196	SS-2028-8
		5/8	401197	SS-2028-10
		3/4	401198	SS-2028-12
		7/8	401199	SS-2028-14
		1	401200	SS-2028-16
		1-1/8	401201	SS-2028-18
		1-1/4	401202	SS-2028-20
		1-1/2	401203	SS-2028-24
		1-3/4	401204	SS-2028-28
		2	401205	SS-2028-32
5/8 X 15/16 NOMINAL				
.627	.9415	5/8	201207	EP101510 (P-65-5)
		3/4	201208	EP101512 (P-65-6)
		1	201209	EP101516 (P-65-8)
.628	.940	5/8	101345	AA-946-4
		3/4	101346	AA-946-2
		1	101347	AA-946-1
.628	.941	5/8	401206	SS-2030-10
		3/4	401207	SS-2030-12
		1	401208	SS-2030-16
5/8 X 1 NOMINAL				
.627	1.003	1/2	301183	B-1016-4
		5/8	301184	B-1016-5
		3/4	301185	B-1016-6
		7/8	301186	B-1016-7
		1	301187	B-1016-8
		1-1/4	301188	B-1016-10
		1-1/2	301189	B-1016-12
		1-3/4	301190	B-1016-14
		2	301191	B-1016-16
.627	1.004	1/2	201210	EP101608 (P-66-4)
		5/8	201211	EP101610 (P-66-5)
		3/4	201212	EP101612 (P-66-6)

ID	OD	LGTH.	ITEM NO.	PART NO.
.627	1.004	7/8	201213	EP101614 (P-66-7)
		1	201214	EP101616 (P-66-8)
		1-1/4	201215	EP101620 (P-66-10)
		1-1/2	201216	EP101624 (P-66-12)
		1-3/4	201217	EP101628 (P-66-14)
		2	201218	EP101632 (P-66-16)
.628	1.003	1/2	401209	SS-2032-8
		5/8	401210	SS-2032-10
		3/4	401211	SS-2032-12
		7/8	401212	SS-2032-14
		1	401213	SS-2032-16
		1-1/4	401214	SS-2032-20
		1-1/2	401215	SS-2032-24
		1-3/4	401216	SS-2032-28
		2	401217	SS-2032-32
.628	1.0035	3/4	101348	AA-1011-12
		7/8	101349	AA-1011-5
		1	101350	AA-1011-3
		1-1/8	101351	AA-1011-4
		1-1/4	101352	AA-1011-1
		1-3/8	101353	AA-1011-13
		1-1/2	101354	AA-1011
11/16 X 13/16 NOMINAL				
.6885	.815	1	101355	AA-812-1
		1-1/4	101356	AA-812
11/16 X 7/8 NOMINAL				
.6895	.879	3/4	201219	EP111412 (P-68-6)
		1	201220	EP111416 (P-68-8)
		1-1/4	201221	EP111420 (P-68-10)
		1-1/2	201222	EP111424 (P-68-12)
		1-3/4	201223	EP111428 (P-68-14)
		2	201224	EP111432 (P-68-16)
.690	.878	1/2	101357	AA-851-2
		3/4	101358	AA-851-7
		1	101359	AA-851-8
		1-1/8	101360	AA-851-6
		1-1/4	101361	AA-851-1
.690	.878	3/4	301192	B-1114-6
		1	301193	B-1114-8
		1-1/4	301194	B-1114-10
		1-1/2	301195	B-1114-12
		1-3/4	301196	B-1114-14
		2	301197	B-1114-16
.690	.878	3/4	401218	SS-2228-12
		1	401219	SS-2228-16
		1-1/4	401220	SS-2228-20
		1-1/2	401221	SS-2228-24
		1-3/4	401222	SS-2228-28
		2	401223	SS-2228-32



ID	OD	LGTH.	ITEM NO.	PART NO.
11/16 X 15/16 NOMINAL				
.689	.941	1	101362	AA-939-3
		1-1/4	101363	AA-939-2
		1-1/2	101364	AA-939-4
3/4 X 7/8 NOMINAL				
.751	.878	9/16	101365	AA-838-9
		5/8	101366	AA-838-25
		3/4	101367	AA-838-16
		7/8	101368	AA-838-6
		1	101369	AA-838-7
		1-1/8	101370	AA-838-13
		1-1/4	101371	AA-838-5
		1-3/8	101372	AA-838-15
		1-1/2	101373	AA-838-4
		1-5/8	101374	AA-838-8
.752	.878	3/4	101375	AA-885
		1	101376	AA-885-3
		1-1/4	101377	AA-885-4
.752	.879	1/2	201225	EP121408 (P-75-4)
		9/16	201573	EP121409 (P-75-4.5)
		5/8	201226	EP121410 (P-75-5)
		11/16	201574	EP121411 (P-75-5.5)
		3/4	201227	EP121412 (P-75-6)
		7/8	201228	EP121414 (P-75-7)
		1	201229	EP121416 (P-75-8)
		1-1/8	201230	EP121418 (P-75-9)
		1-1/4	201231	EP121420 (P-75-10)
		1-1/2	201232	EP121424 (P-75-12)
		1-5/8	201233	EP121426 (P-75-13)
.753	.878	5/8	101378	AA-839-1
		11/16	101379	AA-839-3
		3/4	101380	AA-839-6
		1	101381	AA-839-13
		1-1/8	101382	AA-839-2
		1-1/4	101383	AA-839-4
		1-1/2	101384	AA-839-7
.753	.878	1/2	301198	B-1214-4
		5/8	301199	B-1214-5
		3/4	301200	B-1214-6
		7/8	301201	B-1214-7
		1	301202	B-1214-8
		1-1/4	301203	B-1214-10
		1-1/2	301204	B-1214-12
		1-5/8	301205	B-1214-13
.753	.878	1/2	401224	SS-2428-8
		5/8	401225	SS-2428-10
		3/4	401226	SS-2428-12
		7/8	401227	SS-2428-14
		1	401228	SS-2428-16
		1-1/8	401229	SS-2428-18
		1-1/4	401230	SS-2428-20
		1-1/2	401231	SS-2428-24
		1-5/8	401232	SS-2428-26

ID	OD	LGTH.	ITEM NO.	PART NO.
3/4 X 15/16 NOMINAL				
.7515	.940	3/4	101385	AA-921-5
		1	101386	AA-921-4
		1-1/8	101387	AA-921-2
		1-1/4	101388	AA-921-3
		1-1/2	101389	AA-921-1
		1-3/4	101390	AA-921
		2	101391	AA-921-6
.752	.9415	1/2	201234	EP121508 (P-76-4)
		5/8	201235	EP121510 (P-76-5)
		3/4	201236	EP121512 (P-76-6)
		7/8	201237	EP121514 (P-76-7)
		1	201238	EP121516 (P-76-8)
		1-1/8	201239	EP121518 (P-76-9)
		1-1/4	201240	EP121520 (P-76-10)
		1-1/2	201241	EP121524 (P-76-12)
		1-5/8	201242	EP121526 (P-76-13)
		1-3/4	201243	EP121528 (P-76-14)
		1-7/8	201244	EP121530 (P-76-15)
		2	201245	EP121532 (P-76-16)
.752	.942	1	101392	AA-912
		1-1/4	101393	AA-912-4
		1-3/8	101394	AA-912-1
		1-1/2	101395	AA-912-6
		1-5/8	101396	AA-912-2
		1-3/4	101397	AA-912-7
.753	.9405	1/2	301206	B-1215-4
		5/8	301207	B-1215-5
		3/4	301208	B-1215-6
		7/8	301209	B-1215-7
		1	301210	B-1215-8
		1-1/4	301211	B-1215-10
		1-1/2	301212	B-1215-12
		1-3/4	301213	B-1215-14
		2	301214	B-1215-16
.753	.941	1/2	401233	SS-2430-8
		5/8	401234	SS-2430-10
		3/4	401235	SS-2430-12
		7/8	401236	SS-2430-14
		1	401237	SS-2430-16
		1-1/8	401238	SS-2430-18
		1-1/4	401239	SS-2430-20
		1-1/2	401240	SS-2430-24
		1-5/8	401241	SS-2430-26
		1-3/4	401242	SS-2430-28
		1-7/8	401243	SS-2430-30
		2	401244	SS-2430-32
3/4 X 1 NOMINAL				
.7505	1.0025	3/4	101398	AA-1005-5
		1	101399	AA-1005-7
		1-1/8	101400	AA-1005-3

ID	OD	LGTH.	ITEM NO.	PART NO.
.7505	1.0025	1-1/4	101401	AA-1005-2
		1-1/2	101402	AA-1005-4
.752	1.0025	3/8	101403	AA-1049-18
		1/2	101404	AA-1049-14
		3/4	101405	AA-1049-1
		7/8	101406	AA-1049-2
		1	101407	AA-1049-3
		1-1/8	101408	AA-1049-16
		1-1/4	101409	AA-1049
		1-3/8	101410	AA-1049-17
		1-1/2	101411	AA-1049-4
		1-3/4	101412	AA-1049-9
		2	101413	AA-1049-5
		2-1/8	101414	AA-1049-11
		2-1/4	101415	AA-1049-12
		2-1/2	101416	AA-1049-6
.752	1.004	1/2	201246	EP121608 (P-77-4)
		5/8	201247	EP121610 (P-77-5)
		3/4	201248	EP121612 (P-77-6)
		7/8	201249	EP121614 (P-77-7)
		1	201250	EP121616 (P-77-8)
		1-1/8	201251	EP121618 (P-77-9)
		1-1/4	201252	EP121620 (P-77-10)
		1-1/2	201253	EP121624 (P-77-12)
		1-3/4	201254	EP121628 (P-77-14)
		2	201255	EP121632 (P-77-16)
		2-1/2	201256	EP121640 (P-77-20)
.753	1.003	3/4	101417	AA-1043-6
		7/8	101418	AA-1043-8
		1	101419	AA-1043-9
		1-1/4	101420	AA-1043
		1-1/2	101421	AA-1043-4
.753	1.003	1/2	301215	B-1216-4
		5/8	301216	B-1216-5
		3/4	301217	B-1216-6
		7/8	301218	B-1216-7
		1	301219	B-1216-8
		1-1/8	301220	B-1216-9
		1-1/4	301221	B-1216-10
		1-1/2	301222	B-1216-12
		1-3/4	301223	B-1216-14
		2	301224	B-1216-16
		2-1/2	301225	B-1216-20
.753	1.003	1/2	401245	SS-2432-8
		5/8	401246	SS-2432-10
		3/4	401247	SS-2432-12
		7/8	401248	SS-2432-14
		1	401249	SS-2432-16
		1-1/8	401250	SS-2432-18
		1-1/4	401251	SS-2432-20
		1-1/2	401252	SS-2432-24
		1-3/4	401253	SS-2432-28
		2	401254	SS-2432-32
		2-1/2	401255	SS-2432-40

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
3/4 X 1-1/16 NOMINAL				
.751	1.0645	1	101422	AA-1039
		1-1/4	101423	AA-1039-2
3/4 X 1-1/8 NOMINAL				
.750	1.129	3/4	101424	AA-1130-3
		1-1/4	101425	AA-1130
.752	1.129	1/2	201257	EP121808 (P-78-4)
		3/4	201258	EP121812 (P-78-6)
		1	201259	EP121816 (P-78-8)
		1-1/4	201260	EP121820 (P-78-10)
		1-1/2	201261	EP121824 (P-78-12)
		1-3/4	201262	EP121828 (P-78-14)
		2	201263	EP121832 (P-78-16)
.753	1.128	3/4	101426	AA-1106-2
		1	101427	AA-1106-4
		1-1/4	101428	AA-1106-3
		1-3/8	101429	AA-1106-13
		1-1/2	101430	AA-1106
		1-3/4	101431	AA-1106-1
.753	1.128	1/2	301226	B-1218-4
		3/4	301227	B-1218-6
		1	301228	B-1218-8
		1-1/4	301229	B-1218-10
		1-1/2	301230	B-1218-12
		1-3/4	301231	B-1218-14
		2	301232	B-1218-16
.753	1.128	1/2	401256	SS-2436-8
		3/4	401257	SS-2436-12
		1	401258	SS-2436-16
		1-1/4	401259	SS-2436-20
		1-1/2	401260	SS-2436-24
		1-3/4	401261	SS-2436-28
		2	401262	SS-2436-32
3/4 X 1-1/4 NOMINAL				
.752	1.254	3/4	201264	EP122012 (P-79-6)
		1	201265	EP122016 (P-79-8)
		1-1/4	201266	EP122020 (P-79-10)
		1-1/2	201267	EP122024 (P-79-12)
.753	1.253	1	101432	AA-1257
		1-1/4	101433	AA-1257-1
		1-1/2	101434	AA-1257-2
.753	1.253	3/4	301233	B-1220-6
		1	301234	B-1220-8
		1-1/4	301235	B-1220-10
		1-1/2	301236	B-1220-12
		1-3/4	301237	B-1220-14
		2	301238	B-1220-16
.753	1.253	3/4	401263	SS-2440-12
		1	401264	SS-2440-16
		1-1/4	401265	SS-2440-20
		1-1/2	401266	SS-2440-24

ID	OD	LGTH.	ITEM NO.	PART NO.
13/16 X 1 NOMINAL				
.8135	1.003	1	101435	AA-1056-5
		1-1/4	101436	AA-1056-3
		1-3/4	101437	AA-1056
.8145	1.003	7/8	101438	AA-1041-2
		1	101439	AA-1041-5
		1-1/4	101440	AA-1041-6
.8145	1.004	3/4	201268	EP131612 (P-81-6)
		1	201269	EP131616 (P-81-8)
		1-1/4	201270	EP131620 (P-81-10)
		1-1/2	201271	EP131624 (P-81-12)
		1-3/4	201272	EP131628 (P-81-14)
.815	1.003	3/4	401267	SS-2632-12
		1	401268	SS-2632-16
		1-1/4	401269	SS-2632-20
		1-1/2	401270	SS-2632-24
		1-3/4	401271	SS-2632-28
		2	401272	SS-2632-32
.8155	1.003	3/4	301239	B-1316-6
		1	301240	B-1316-8
		1-1/4	301241	B-1316-10
		1-1/2	301242	B-1316-12
		1-3/4	301243	B-1316-14
		2	301244	B-1316-16
13/16 X 1-1/16 NOMINAL				
.8145	1.0665	1	201273	EP131716 (P-82-8)
		1-1/4	201274	EP131720 (P-82-10)
.815	1.065	1	401273	SS-2634-16
		1-1/4	401274	SS-2634-20
7/8 X 1 NOMINAL				
.876	1.003	3/8	101441	AA-1008-11
		7/16	101442	AA-1008-14
		1/2	101443	AA-1008-9
		5/8	101444	AA-1008-13
		3/4	101445	AA-1008-5
		1	101446	AA-1008-6
		1-1/4	101447	AA-1008-1
		1-1/2	101448	AA-1008-2
		1-3/4	101449	AA-1008-10
.877	1.003	5/8	101450	AA-1009-5
		3/4	101451	AA-1009-8
		1	101452	AA-1009-3
		1-1/8	101453	AA-1009
		1-1/4	101454	AA-1009-2
.877	1.004	3/8	201575	EP141606 (P-87-3)
		1/2	201576	EP141608 (P-87-4)
		5/8	201577	EP141610 (P-87-5)
		3/4	201275	EP141612 (P-87-6)
		7/8	201276	EP141614 (P-87-7)
		1	201277	EP141616 (P-87-8)
		1-1/4	201278	EP141620 (P-87-10)

ID	OD	LGTH.	ITEM NO.	PART NO.
.877	1.004	1-1/2	201279	EP141624 (P-87-12)
		1-3/4	201280	EP141628 (P-87-14)
.878	1.003	3/4	301245	B-1416-6
		7/8	301246	B-1416-7
		1	301247	B-1416-8
		1-1/4	301248	B-1416-10
		1-1/2	301249	B-1416-12
.878	1.003	1/2	401275	SS-2832-8
		3/4	401276	SS-2832-12
		7/8	401277	SS-2832-14
		1	401278	SS-2832-16
		1-1/4	401279	SS-2832-20
		1-1/2	401280	SS-2832-24
		1-3/4	401281	SS-2832-28
7/8 X 1-1/16 NOMINAL				
.877	1.065	3/4	101455	AA-1051-3
		1-1/4	101456	AA-1051-2
.877	1.0665	1	201281	EP141716 (P-88-8)
		1-1/4	201282	EP141720 (P-88-10)
		1-1/2	201283	EP141724 (P-88-12)
.878	1.0655	1	401282	SS-2834-16
		1-1/4	401283	SS-2834-20
7/8 X 1-1/8 NOMINAL				
.876	1.128	3/4	101457	AA-1108
		7/8	101458	AA-1108-15
		1	101459	AA-1108-1
		1-1/8	101460	AA-1108-2
		1-1/4	101461	AA-1108-7
		1-3/8	101462	AA-1108-16
		1-1/2	101463	AA-1108-12
		1-3/4	101464	AA-1108-10
		2	101465	AA-1108-3
		2-1/4	101466	AA-1108-11
		2-1/2	101467	AA-1108-5
		2-3/4	101468	AA-1108-6
.877	1.129	3/4	201284	EP141812 (P-89-6)
		7/8	201285	EP141814 (P-89-7)
		1	201286	EP141816 (P-89-8)
		1-1/8	201287	EP141818 (P-89-9)
		1-1/4	201288	EP141820 (P-89-10)
		1-3/8	201289	EP141822 (P-89-11)
		1-1/2	201290	EP141824 (P-89-12)
		1-5/8	201291	EP141826 (P-89-13)
		1-3/4	201292	EP141828 (P-89-14)
		2	201293	EP141832 (P-89-16)
		2-1/4	201294	EP141836 (P-89-18)
		2-1/2	201295	EP141840 (P-89-20)
.878	1.1275	1	101469	AA-1104-2
		1-1/4	101470	AA-1104-5
		1-3/8	101471	AA-1104-4
		1-1/2	101472	AA-1104-3

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
7/8 X 1-1/8 NOMINAL (cont.)				
.878	1.128	3/4	301250	B-1418-6
		7/8	301251	B-1418-7
		1	301252	B-1418-8
		1-1/8	301253	B-1418-9
		1-1/4	301254	B-1418-10
		1-3/8	301255	B-1418-11
		1-1/2	301256	B-1418-12
		1-3/4	301257	B-1418-14
		2	301258	B-1418-16
		2-1/2	301259	B-1418-20
.878	1.128	3/4	401284	SS-2836-12
		7/8	401285	SS-2836-14
		1	401286	SS-2836-16
		1-1/8	401287	SS-2836-18
		1-1/4	401288	SS-2836-20
		1-3/8	401289	SS-2836-22
		1-1/2	401290	SS-2836-24
		1-5/8	401291	SS-2836-26
		1-3/4	401292	SS-2836-28
		2	401293	SS-2836-32
		2-1/4	401294	SS-2836-36
		2-1/2	401295	SS-2836-40
7/8 X 1-1/4 NOMINAL				
.877	1.252	1	101473	AA-1203-3
		1-1/4	101474	AA-1203
		1-1/2	101475	AA-1203-1
.877	1.254	3/4	201296	EP142012 (P-90-6)
		1	201297	EP142016 (P-90-8)
		1-1/4	201298	EP142020 (P-90-10)
		1-1/2	201299	EP142024 (P-90-12)
		2	201300	EP142032 (P-90-16)
.878	1.253	3/4	101476	AA-1242-2
		1	101477	AA-1242-3
		1-3/8	101478	AA-1242
.878	1.253	3/4	301260	B-1420-6
		1	301261	B-1420-8
		1-1/4	301262	B-1420-10
		1-1/2	301263	B-1420-12
		2	301264	B-1420-16
.878	1.253	3/4	401296	SS-2840-12
		1	401297	SS-2840-16
		1-1/4	401298	SS-2840-20
		1-1/2	401299	SS-2840-24
		2	401300	SS-2840-32
15/16 X 1-1/16 NOMINAL				
.940	1.065	3/4	101479	AA-1087-1
		1-1/4	101480	AA-1087
15/16 X 1-3/16 NOMINAL				
.939	1.1895	7/8	101481	AA-1118-6
		1	101482	AA-1118-4
		1-1/4	101483	AA-1118-2
		1-1/2	101484	AA-1118-5

ID	OD	LGTH.	ITEM NO.	PART NO.
.9395	1.1915	3/4	201301	EP151912 (P-93-6)
		1	201302	EP151916 (P-93-8)
		1-1/4	201303	EP151920 (P-93-10)
		1-1/2	201304	EP151924 (P-93-12)
		2	201305	EP151932 (P-93-16)
.940	1.190	3/4	401301	SS-3038-12
		1	401302	SS-3038-16
		1-1/4	401303	SS-3038-20
		1-1/2	401304	SS-3038-24
		2	401305	SS-3038-32
.9405	1.1905	3/4	301265	B-1519-6
		1	301266	B-1519-8
		1-1/4	301267	B-1519-10
		1-1/2	301268	B-1519-12
		2	301269	B-1519-16
15/16 X 1-1/4 NOMINAL				
.9375	1.253	1	101485	AA-1206-1
		1-1/4	101486	AA-1206-4
		1-1/2	101487	AA-1206-2
.9395	1.254	3/4	201306	EP152012 (P-94-6)
		1	201307	EP152016 (P-94-8)
		1-1/4	201308	EP152020 (P-94-10)
		1-1/2	201309	EP152024 (P-94-12)
		1-3/4	201310	EP152028 (P-94-14)
		2	201311	EP152032 (P-94-16)
.940	1.254	1-1/2	101488	AA-1216-3
		2	101489	AA-1216
.940	1.254	3/4	401306	SS-3040-12
		1	401307	SS-3040-16
		1-1/4	401308	SS-3040-20
		1-1/2	401309	SS-3040-24
		1-3/4	401310	SS-3040-28
		2	401311	SS-3040-32
.9405	1.253	3/4	301270	B-1520-6
		1	301271	B-1520-8
		1-1/4	301272	B-1520-10
		1-1/2	301273	B-1520-12
		1-3/4	301274	B-1520-14
		2	301275	B-1520-16
1 X 1-1/8 NOMINAL				
1.001	1.128	1/2	101490	AA-1110-8
		3/4	101491	AA-1110-10
		13/16	101492	AA-1110-2
		1	101493	AA-1110-1
		1-1/4	101494	AA-1110-3
		1-3/8	101495	AA-1110-12
		1-1/2	101496	AA-1110
1.003	1.128	3/4	301276	B-1618-6
		1	301277	B-1618-8
		1-1/4	301278	B-1618-10
		1-1/2	301279	B-1618-12
		1-3/4	301280	B-1618-14
		2	301281	B-1618-16

ID	OD	LGTH.	ITEM NO.	PART NO.
1.003	1.129	3/4	201312	EP161812 (P-100-6)
		7/8	201578	EP161814 (P-100-7)
		1	201313	EP161816 (P-100-8)
		1-1/4	201314	EP161820 (P-100-10)
		1-1/2	201315	EP161824 (P-100-12)
		1-3/4	201316	EP161828 (P-100-14)
		2	201317	EP161832 (P-100-16)
1.0035	1.128	3/4	101497	AA-1156
		7/8	101498	AA-1156-4
		1-1/4	101499	AA-1156-3
		1-1/2	101500	AA-1156-1
1.004	1.128	3/4	401312	SS-3236-12
		1	401313	SS-3236-16
		1-1/4	401314	SS-3236-20
		1-1/2	401315	SS-3236-24
		1-3/4	401316	SS-3236-28
		2	401317	SS-3236-32
1 X 1-3/16 NOMINAL				
1.002	1.1895	3/4	101501	AA-1154-2
		1	101502	AA-1154-1
		1-1/2	101503	AA-1154-3
		2	101504	AA-1154
1.003	1.1915	3/4	201318	EP161912 (P-101-6)
		1	201319	EP161916 (P-101-8)
		1-1/4	201320	EP161920 (P-101-10)
		1-1/2	201321	EP161924 (P-101-12)
		1-3/4	201322	EP161928 (P-101-14)
		2	201323	EP161932 (P-101-16)
1.004	1.190	3/4	401318	SS-3238-12
		1	401319	SS-3238-16
		1-1/4	401320	SS-3238-20
		1-1/2	401321	SS-3238-24
		1-3/4	401322	SS-3238-28
		2	401323	SS-3238-32
1 X 1-1/4 NOMINAL				
1.001	1.252	1/2	101505	AA-1212-7
		3/4	101506	AA-1212-6
		1	101507	AA-1212-2
		1-1/4	101508	AA-1212-16
		1-1/2	101509	AA-1212-11
		1-3/4	101510	AA-1212-4
		2	101511	AA-1212-3
		2-1/4	101512	AA-1212-5
		2-1/2	101513	AA-1212
		2-7/8	101514	AA-1212-8
		3	101515	AA-1212-14
1.002	1.252	7/8	101516	AA-1213-6
		1	101517	AA-1213-3
		1-1/8	101518	AA-1213-10
		1-1/4	101519	AA-1213-12
		1-1/2	101520	AA-1213-1

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1 X 1-1/4 NOMINAL (cont.)				
1.002	1.252	1-3/4	101521	AA-1213-2
		2	101522	AA-1213
		2-1/2	101523	AA-1213-14
		3	101524	AA-1213-15
1.003	1.253	3/4	101525	AA-1232-6
		1	101526	AA-1232
		1-1/8	101527	AA-1232-2
		1-1/4	101528	AA-1232-3
		1-1/2	101529	AA-1232-7
		1-3/4	101530	AA-1232-8
		2	101531	AA-1232-4
		2-1/2	101532	AA-1232-5
1.003	1.253	3/4	301282	B-1620-6
		7/8	301283	B-1620-7
		1	301284	B-1620-8
		1-1/4	301285	B-1620-10
		1-3/8	301286	B-1620-11
		1-1/2	301287	B-1620-12
		1-3/4	301288	B-1620-14
		2	301289	B-1620-16
		2-1/4	301290	B-1620-18
		2-1/2	301291	B-1620-20
		3	301292	B-1620-24
1.003	1.254	1/2	201324	EP162008 (P-102-4)
		3/4	201325	EP162012 (P-102-6)
		7/8	201326	EP162014 (P-102-7)
		1	201327	EP162016 (P-102-8)
		1-1/4	201328	EP162020 (P-102-10)
		1-3/8	201329	EP162022 (P-102-11)
		1-1/2	201330	EP162024 (P-102-12)
		1-3/4	201331	EP162028 (P-102-14)
		2	201332	EP162032 (P-102-16)
		2-1/4	201333	EP162036 (P-102-18)
		2-1/2	201334	EP162040 (P-102-20)
		3	201335	EP162048 (P-102-24)
1.004	1.254	1/2	401324	SS-3240-8
		3/4	401325	SS-3240-12
		7/8	401326	SS-3240-14
		1	401327	SS-3240-16
		1-1/4	401328	SS-3240-20
		1-3/8	401329	SS-3240-22
		1-1/2	401330	SS-3240-24
		1-3/4	401331	SS-3240-28
		2	401332	SS-3240-32
		2-1/4	401333	SS-3240-36
		2-1/2	401334	SS-3240-40
		3	401335	SS-3240-48
1.005	1.2525	1	101533	AA-1204-7
		1-1/4	101534	AA-1204-2
		1-3/8	101535	AA-1204-1
		1-1/2	101536	AA-1204

ID	OD	LGTH.	ITEM NO.	PART NO.
1.005	1.2525	2	101537	AA-1204-3
		2-1/4	101538	AA-1204-5
		2-1/2	101539	AA-1204-4
1 X 1-5/16 NOMINAL				
1.001	1.316	1	101540	AA-1304-3
		1-1/2	101541	AA-1304
		1-3/4	101542	AA-1304-4
		2	101543	AA-1304-6
1.002	1.315	1	101544	AA-1325-10
		1-1/4	101545	AA-1325-8
		1-1/2	101546	AA-1325-4
		1-5/8	101547	AA-1325-7
		1-3/4	101548	AA-1325-5
		2	101549	AA-1325
		2-1/2	101550	AA-1325-1
		2-3/4	101551	AA-1325-3
		3	101552	AA-1325-2
1.003	1.3155	1	301293	B-1621-8
		1-1/4	301294	B-1621-10
		1-1/2	301295	B-1621-12
		1-3/4	301296	B-1621-14
		2	301297	B-1621-16
		2-1/2	301298	B-1621-20
		3	301299	B-1621-24
1.003	1.3165	1	201336	EP162116 (P-103-8)
		1-1/4	201337	EP162120 (P-103-10)
		1-1/2	201338	EP162124 (P-103-12)
		1-3/4	201339	EP162128 (P-103-14)
		2	201340	EP162132 (P-103-16)
		2-1/2	201341	EP162140 (P-103-20)
		3	201342	EP162148 (P-103-24)
1.004	1.316	1	401336	SS-3242-16
		1-1/4	401337	SS-3242-20
		1-1/2	401338	SS-3242-24
		1-3/4	401339	SS-3242-28
		2	401340	SS-3242-32
		2-1/2	401341	SS-3242-40
		3	401342	SS-3242-48
1 X 1-3/8 NOMINAL				
1.001	1.378	3/4	101553	AA-1334-3
		1-1/4	101554	AA-1334-5
		1-1/2	101555	AA-1334-1
		2	101556	AA-1334-2
1.003	1.377	1	101557	AA-1310-2
		1-1/8	101558	AA-1310-1
		1-1/4	101559	AA-1310-4
		1-3/8	101560	AA-1310
		1-1/2	101561	AA-1310-5
		1-3/4	101562	AA-1310-8
		2	101563	AA-1310-3
		2-1/4	101564	AA-1310-6

ID	OD	LGTH.	ITEM NO.	PART NO.
1.003	1.378	1	301300	B-1622-8
		1-1/4	301301	B-1622-10
		1-1/2	301302	B-1622-12
		1-3/4	301303	B-1622-14
		2	301304	B-1622-16
		2-1/2	301305	B-1622-20
		3	301306	B-1622-24
1.003	1.379	1	201343	EP162216 (P-104-8)
		1-1/4	201344	EP162220 (P-104-10)
		1-1/2	201345	EP162224 (P-104-12)
		1-3/4	201346	EP162228 (P-104-14)
		2	201347	EP162232 (P-104-16)
		2-1/2	201348	EP162240 (P-104-20)
1.004	1.379	3/4	401343	SS-3244-12
		1	401344	SS-3244-16
		1-1/4	401345	SS-3244-20
		1-1/2	401346	SS-3244-24
		1-3/4	401347	SS-3244-28
		2	401348	SS-3244-32
		2-1/2	401349	SS-3244-40
1 X 1-1/2 NOMINAL				
1.003	1.503	1	301307	B-1624-8
		1-1/4	301308	B-1624-10
		1-1/2	301309	B-1624-12
		2	301310	B-1624-16
		2-1/2	301311	B-1624-20
		3	301312	B-1624-24
1.003	1.504	1	201349	EP162416 (P-105-8)
		1-1/4	201350	EP162420 (P-105-10)
		1-1/2	201351	EP162424 (P-105-12)
		1-3/4	201352	EP162428 (P-105-14)
		2	201353	EP162432 (P-105-16)
		2-1/2	201354	EP162440 (P-105-20)
		3	201355	EP162448 (P-105-24)
1.0035	1.5045	1	101565	AA-1511-7
		1-1/4	101566	AA-1511-8
		1-1/2	101567	AA-1511-5
		2	101568	AA-1511-1
1.004	1.504	1	401350	SS-3248-16
		1-1/4	401351	SS-3248-20
		1-1/2	401352	SS-3248-24
		1-3/4	401353	SS-3248-28
		2	401354	SS-3248-32
		2-1/2	401355	SS-3248-40
		3	401356	SS-3248-48
1-1/16 X 1-5/16 NOMINAL				
1.064	1.317	3/4	101569	AA-1307-2
		1	101570	AA-1307-4
		1-1/4	101571	AA-1307-5
		1-1/2	101572	AA-1307-1

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1-1/16 X 1-5/16 NOMINAL (cont.)				
1.065	1.316	1	401357	SS-3442-16
		1-1/2	401358	SS-3442-24
		2	401359	SS-3442-32
		2-1/2	401360	SS-3442-40
1.0655	1.3155	1	301313	B-1721-8
		1-1/2	301314	B-1721-12
		2	301315	B-1721-16
		2-1/2	301316	B-1721-20
1.0655	1.3165	1	201356	EP172116 (P-106-8)
		1-1/2	201357	EP172124 (P-106-12)
		2	201358	EP172132 (P-106-16)
		2-1/2	201359	EP172140 (P-106-20)
1-1/8 X 1-1/4 NOMINAL				
1.1245	1.2535	7/8	101573	AA-1214-6
		1	101574	AA-1214-3
		1-1/8	101575	AA-1214-2
		1-1/4	101576	AA-1214-1
		1-1/2	101577	AA-1214-8
1.127	1.2525	1-1/4	101578	AA-1250-2
		1-1/2	101579	AA-1250-3
1.128	1.254	1	201360	EP182016 (P-112-8)
		1-1/4	201361	EP182020 (P-112-10)
		1-1/2	201362	EP182024 (P-112-12)
1.129	1.254	1	401361	SS-3640-16
		1-1/4	401362	SS-3640-20
		1-1/2	401363	SS-3640-24
1-1/8 X 1-5/16 NOMINAL				
1.1265	1.3155	1	101580	AA-1317
		1-1/4	101581	AA-1317-1
1.128	1.3155	1	301317	B-1821-8
		1-1/4	301318	B-1821-10
		1-1/2	301319	B-1821-12
		2	301320	B-1821-16
1.128	1.3165	1	201363	EP182116 (P-113-8)
		1-1/4	201364	EP182120 (P-113-10)
		1-1/2	201365	EP182124 (P-113-12)
		1-3/4	201366	EP182128 (P-113-14)
		2	201367	EP182132 (P-113-16)
1.129	1.316	1	401364	SS-3642-16
		1-1/4	401365	SS-3642-20
		1-1/2	401366	SS-3642-24
		1-3/4	401367	SS-3642-28
		2	401368	SS-3642-32
1-1/8 X 1-3/8 NOMINAL				
1.127	1.377	1/2	101582	AA-1332-6
		3/4	101583	AA-1332-1
		1	101584	AA-1332-4
		1-1/4	101585	AA-1332-9
		1-1/2	101586	AA-1332-7
1.127	1.377	1-3/4	101587	AA-1332-10
		2	101588	AA-1332

ID	OD	LGTH.	ITEM NO.	PART NO.
1.127	1.377	2-1/4	101589	AA-1332-11
		2-1/2	101590	AA-1332-2
		3	101591	AA-1332-8
1.128	1.378	3/4	301321	B-1822-6
		1	301322	B-1822-8
		1-1/4	301323	B-1822-10
		1-1/2	301324	B-1822-12
		1-3/4	301325	B-1822-14
		2	301326	B-1822-16
		2-1/2	301327	B-1822-20
		3	301328	B-1822-24
1.128	1.379	1/2	201579	EP182208 (P-114-4)
		3/4	201368	EP182212 (P-114-6)
		1	201369	EP182216 (P-114-8)
		1-1/4	201370	EP182220 (P-114-10)
		1-1/2	201371	EP182224 (P-114-12)
		1-3/4	201372	EP182228 (P-114-14)
		2	201373	EP182232 (P-114-16)
		2-1/2	201374	EP182240 (P-114-20)
		3	201375	EP182248 (P-114-24)
1.129	1.379	1/2	101592	AA-1319-10
		1	101593	AA-1319-3
		1-1/4	101594	AA-1319
		1-1/2	101595	AA-1319-13
		1-3/4	101596	AA-1319-5
		2	101597	AA-1319-1
		2-1/4	101598	AA-1319-12
		2-1/2	101599	AA-1319-2
1.129	1.379	3/4	401369	SS-3644-12
		1	401370	SS-3644-16
		1-1/4	401371	SS-3644-20
		1-1/2	401372	SS-3644-24
		1-3/4	401373	SS-3644-28
		2	401374	SS-3644-32
		2-1/2	401375	SS-3644-40
		3	401376	SS-3644-48
1-1/8 X 1-1/2 NOMINAL				
1.126	1.503	1	101600	AA-1509-4
		1-1/2	101601	AA-1509-1
		1-3/4	101602	AA-1509-6
		2	101603	AA-1509
		2-1/2	101604	AA-1509-3
1.127	1.5035	1	101605	AA-1502
		1-1/4	101606	AA-1502-2
		1-1/2	101607	AA-1502-3
1.128	1.504	1	201376	EP182416 (P-115-8)
		1-1/4	201377	EP182420 (P-115-10)
		1-1/2	201378	EP182424 (P-115-12)
		1-3/4	201379	EP182428 (P-115-14)
		2	201380	EP182432 (P-115-16)
		2-1/2	201381	EP182440 (P-115-20)
1.129	1.504	1	401377	SS-3648-16
		1-1/4	401378	SS-3648-20

ID	OD	LGTH.	ITEM NO.	PART NO.
1.129	1.504	1-1/2	401379	SS-3648-24
		1-3/4	401380	SS-3648-28
		2	401381	SS-3648-32
		2-1/2	401382	SS-3648-40
1-3/16 X 1-5/16 NOMINAL				
1.189	1.3155	1	101608	AA-1339-2
		1-1/4	101609	AA-1339
1-3/16 X 1-3/8 NOMINAL				
1.189	1.379	1-1/2	101610	AA-1324-1
		1-3/4	101611	AA-1324
1-3/16 X 1-7/16 NOMINAL				
1.1885	1.441	1-1/4	101612	AA-1403-3
		1-1/2	101613	AA-1403-7
		2	101614	AA-1403-10
1.1905	1.441	1-1/4	301329	B-1923-10
		2	301330	B-1923-16
		2-1/2	301331	B-1923-20
		3	301332	B-1923-24
1.1905	1.4415	1-1/4	201382	EP192320 (P-118-10)
		1-1/2	201383	EP192324 (P-118-12)
		2	201384	EP192332 (P-118-16)
		2-1/2	201385	EP192340 (P-118-20)
		3	201386	EP192348 (P-118-24)
1.192	1.441	1-1/4	401383	SS-3846-20
		1-1/2	401384	SS-3846-24
		2	401385	SS-3846-32
		2-1/2	401386	SS-3846-40
		3	401387	SS-3846-48
1-3/16 X 1-1/2 NOMINAL				
1.190	1.504	1	101615	AA-1523-2
		1-1/2	101616	AA-1523-5
		2	101617	AA-1523
		2-1/2	101618	AA-1523-3
1.1905	1.503	1	301333	B-1924-8
		1-1/4	301334	B-1924-10
		1-1/2	301335	B-1924-12
		1-3/4	301336	B-1924-14
		2	301337	B-1924-16
		2-1/2	301338	B-1924-20
		3	301339	B-1924-24
1.1905	1.504	1	201387	EP192416 (P-119-8)
		1-1/4	201388	EP192420 (P-119-10)
		1-1/2	201389	EP192424 (P-119-12)
		1-3/4	201390	EP192428 (P-119-14)
		2	201391	EP192432 (P-119-16)
		2-1/2	201392	EP192440 (P-119-20)
		3	201393	EP192448 (P-119-24)

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1-3/16 X 1-1/2 NOMINAL (cont.)				
1.192	1.504	1	401388	SS-3848-16
		1-1/4	401389	SS-3848-20
		1-1/2	401390	SS-3848-24
		1-3/4	401391	SS-3848-28
		2	401392	SS-3848-32
		2-1/2	401393	SS-3848-40
		3	401394	SS-3848-48
1.193	1.504	1	101619	AA-1504-6
		1-1/2	101620	AA-1504-1
1-1/4 X 1-7/16 NOMINAL				
1.2515	1.4405	1-1/4	101621	AA-1407-4
		1-1/2	101622	AA-1407-5
		1-3/4	101623	AA-1407
		2	101624	AA-1407-6
		2-1/2	101625	AA-1407-8
1-1/4 X 1-1/2 NOMINAL				
1.250	1.502	3/4	101626	AA-1517-4
		1-1/4	101627	AA-1517-6
		1-5/8	101628	AA-1517-1
1.252	1.502	1/2	101629	AA-1512-12
		5/8	101630	AA-1512-11
		3/4	101631	AA-1512-14
		7/8	101632	AA-1512-7
		1	101633	AA-1512-15
		1-1/4	101634	AA-1512-16
		1-3/8	101635	AA-1512-3
		1-1/2	101636	AA-1512-2
		1-3/4	101637	AA-1512-17
		1-7/8	101638	AA-1512-1
		2	101639	AA-1512-5
		2-1/2	101640	AA-1512-13
1.253	1.503	1	301340	B-2024-8
		1-1/8	301341	B-2024-9
		1-1/4	301342	B-2024-10
		1-3/8	301343	B-2024-11
		1-1/2	301344	B-2024-12
		1-5/8	301345	B-2024-13
		1-3/4	301346	B-2024-14
		2	301347	B-2024-16
		2-1/4	301348	B-2024-18
		2-1/2	301349	B-2024-20
		3	301350	B-2024-24
1.2535	1.504	1	101641	AA-1528
		1-1/4	101642	AA-1528-3
		1-1/2	101643	AA-1528-4
1.2535	1.504	1/2	201394	EP202408 (P-125-4)
		5/8	201395	EP202410 (P-125-5)
		3/4	201396	EP202412 (P-125-6)
		7/8	201397	EP202414 (P-125-7)
		1	201398	EP202416 (P-125-8)
		1-1/8	201399	EP202418 (P-125-9)

ID	OD	LGTH.	ITEM NO.	PART NO.
1.2535	1.504	1-1/4	201400	EP202420 (P-125-10)
		1-3/8	201401	EP202422 (P-125-11)
		1-1/2	201402	EP202424 (P-125-12)
		1-5/8	201403	EP202426 (P-125-13)
		1-3/4	201404	EP202428 (P-125-14)
		1-7/8	201405	EP202430 (P-125-15)
		2	201406	EP202432 (P-125-16)
		2-1/4	201407	EP202436 (P-125-18)
		2-1/2	201408	EP202440 (P-125-20)
		3	201409	EP202448 (P-125-24)
1.254	1.504	1/2	401395	SS-4048-8
		5/8	401396	SS-4048-10
		3/4	401397	SS-4048-12
		7/8	401398	SS-4048-14
		1	401399	SS-4048-16
		1-1/8	401400	SS-4048-18
		1-1/4	401401	SS-4048-20
		1-3/8	401402	SS-4048-22
		1-1/2	401403	SS-4048-24
		1-5/8	401404	SS-4048-26
		1-3/4	401405	SS-4048-28
		1-7/8	401406	SS-4048-30
		2	401407	SS-4048-32
		2-1/4	401408	SS-4048-36
		2-1/2	401409	SS-4048-40
		3	401410	SS-4048-48
1.258	1.504	1	101644	AA-1505-11
		1-1/2	101645	AA-1505-1
1-1/4 X 1-9/16 NOMINAL				
1.252	1.565	1-1/4	101646	AA-1506-12
		1-1/2	101647	AA-1506-6
		1-3/4	101648	AA-1506
		2	101649	AA-1506-7
		2-1/4	101650	AA-1506-8
1.254	1.566	1	401411	SS-4050-16
		1-1/2	401412	SS-4050-24
		2	401414	SS-4050-32
1-1/4 X 1-5/8 NOMINAL				
1.250	1.627	1-1/2	101651	AA-1602
1.252	1.6275	1	101652	AA-1606-9
		1-1/4	101653	AA-1606
		1-1/2	101654	AA-1606-7
		1-5/8	101655	AA-1606-11
		1-3/4	101656	AA-1606-1
		2	101657	AA-1606-3
		2-1/2	101658	AA-1606-5
		3	101659	AA-1606-4
1.253	1.628	1	301351	B-2026-8
		1-1/4	301352	B-2026-10
		1-1/2	301353	B-2026-12
		1-3/4	301354	B-2026-14

ID	OD	LGTH.	ITEM NO.	PART NO.
1.253	1.628	2	301355	B-2026-16
		2-1/2	301356	B-2026-20
		3	301357	B-2026-24
1.2535	1.630	1	201410	EP202616 (P-126-8)
		1-1/4	201411	EP202620 (P-126-10)
		1-1/2	201412	EP202624 (P-126-12)
		1-3/4	201413	EP202628 (P-126-14)
		2	201414	EP202632 (P-126-16)
		2-1/2	201415	EP202640 (P-126-20)
		3	201416	EP202648 (P-126-24)
1.254	1.629	1-1/2	101660	AA-1604
		1-3/4	101661	AA-1604-2
1.254	1.629	1	401415	SS-4052-16
		1-1/4	401416	SS-4052-20
		1-1/2	401417	SS-4052-24
		1-3/4	401418	SS-4052-28
		2	401419	SS-4052-32
		2-1/2	401420	SS-4052-40
		3	401421	SS-4052-48
1-1/4 X 1-3/4 NOMINAL				
1.2535	1.755	1-3/4	201417	EP202828 (P-127-14)
		2	201418	EP202832 (P-127-16)
		2-1/2	201419	EP202840 (P-127-20)
		3	201420	EP202848 (P-127-24)
1.254	1.753	1-1/2	101662	AA-1715-6
		2	101663	AA-1715-2
		3	101664	AA-1715-3
1.254	1.754	1-1/2	401422	SS-4056-24
		1-3/4	401423	SS-4056-28
		2	401424	SS-4056-32
		2-1/2	401425	SS-4056-40
		3	401426	SS-4056-48
1-5/16 X 1-1/2 NOMINAL				
1.3155	1.503	1	101665	AA-1526-4
		1-1/4	101666	AA-1526
		1-1/2	101667	AA-1526-2
		2	101668	AA-1526-3
1-5/16 X 1-5/8 NOMINAL				
1.3155	1.628	1-1/4	301358	B-2126-10
		1-1/2	301359	B-2126-12
		2	301360	B-2126-16
		2-1/2	301361	B-2126-20
		3	301362	B-2126-24
1.3155	1.629	1-1/2	101669	AA-1611-5
		2	101670	AA-1611-2
		2-1/2	101671	AA-1611

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1-5/16 X 1-5/8 NOMINAL (cont.)				
1.316	1.629	1-1/4	401430	SS-4252-20
		1-1/2	401431	SS-4252-24
		2	401432	SS-4252-32
		2-1/2	401433	SS-4252-40
		3	401434	SS-4252-48
1.316	1.630	1-1/4	201421	EP212620 (P-131-10)
		1-1/2	201422	EP212624 (P-131-12)
		2	201423	EP212632 (P-131-16)
		2-1/2	201424	EP212640 (P-131-20)
		3	201425	EP212648 (P-131-24)
1-3/8 X 1-9/16 NOMINAL				
1.3745	1.5655	1-1/4	101672	AA-1507-2
		1-1/2	101673	AA-1507
1-3/8 X 1-5/8 NOMINAL				
1.376	1.628	1	101674	AA-1608-10
		1-1/8	101675	AA-1608-1
		1-1/4	101676	AA-1608-11
		1-1/2	101677	AA-1608-12
		1-3/4	101678	AA-1608-13
		2	101679	AA-1608
		2-1/2	101680	AA-1608-3
1.378	1.628	1	301363	B-2226-8
		1-1/2	301364	B-2226-12
		2	301365	B-2226-16
		2-1/2	301366	B-2226-20
		3	301367	B-2226-24
1.3785	1.630	1	201426	EP222616 (P-137-8)
		1-1/8	201427	EP222618 (P-137-9)
		1-1/4	201428	EP222620 (P-137-10)
		1-1/2	201429	EP222624 (P-137-12)
		2	201430	EP222632 (P-137-16)
		2-1/2	201431	EP222640 (P-137-20)
		3	201432	EP222648 (P-137-24)
1.379	1.628	1-1/2	101681	AA-1616-3
		2	101682	AA-1616-5
		2-1/2	101683	AA-1616-7
1.379	1.629	1	401435	SS-4452-16
		1-1/8	401436	SS-4452-18
		1-1/4	401437	SS-4452-20
		1-1/2	401438	SS-4452-24
		2	401439	SS-4452-32
		2-1/2	401440	SS-4452-40
		3	401441	SS-4452-48
1-3/8 X 1-3/4 NOMINAL				
1.378	1.753	1	301368	B-2228-8
		1-1/2	301369	B-2228-12
		2	301370	B-2228-16
		2-1/2	301371	B-2228-20
		3	301372	B-2228-24

ID	OD	LGTH.	ITEM NO.	PART NO.
1.3785	1.755	1	201433	EP222816 (P-138-8)
		1-1/2	201434	EP222824 (P-138-12)
		2	201435	EP222832 (P-138-16)
		2-1/2	201436	EP222840 (P-138-20)
		3	201437	EP222848 (P-138-24)
1.379	1.754	1	401442	SS-4456-16
		1-1/2	401443	SS-4456-24
		2	401444	SS-4456-32
		2-1/2	401445	SS-4456-40
		3	401446	SS-4456-48
1.380	1.753	1-1/2	101684	AA-1708-5
		2	101685	AA-1708-2
		2-1/2	101686	AA-1708
1-7/16 X 1-5/8 NOMINAL				
1.438	1.628	1	101687	AA-1609-2
		1-1/2	101688	AA-1609-4
		2	101689	AA-1609
		2-1/4	101690	AA-1609-6
1.441	1.630	1	201438	EP232616 (P-143-8)
		1-1/2	201439	EP232624 (P-143-12)
		2	201440	EP232632 (P-143-16)
1.442	1.629	1	401447	SS-4652-16
		1-1/2	401448	SS-4652-24
		2	401449	SS-4652-32
1-7/16 X 1-3/4 NOMINAL				
1.4405	1.753	1	301373	B-2328-8
		1-1/4	301374	B-2328-10
		1-1/2	301375	B-2328-12
		1-3/4	301376	B-2328-14
		2	301377	B-2328-16
		2-1/2	301378	B-2328-20
		3	301379	B-2328-24
1.441	1.755	1	201441	EP232816 (P-144-8)
		1-1/4	201442	EP232820 (P-144-10)
		1-1/2	201443	EP232824 (P-144-12)
		1-3/4	201444	EP232828 (P-144-14)
		2	201445	EP232832 (P-144-16)
		2-1/2	201446	EP232840 (P-144-20)
		3	201447	EP232848 (P-144-24)
1.442	1.754	3/4	401450	SS-4656-12
		1	401451	SS-4656-16
		1-1/4	401452	SS-4656-20
		1-1/2	401453	SS-4656-24
		1-3/4	401454	SS-4656-28
		2	401455	SS-4656-32
		2-1/2	401456	SS-4656-40
		3	401457	SS-4656-48
1.4425	1.7535	7/8	101691	AA-1703-1
		1-1/8	101692	AA-1703-14
		1-1/4	101693	AA-1703-4
		1-1/2	101694	AA-1703-6

ID	OD	LGTH.	ITEM NO.	PART NO.
1.4425	1.7535	1-3/4	101695	AA-1703-3
		1-7/8	101696	AA-1703
		2	101697	AA-1703-7
		2-1/4	101698	AA-1703-10
		2-1/2	101699	AA-1703-5
1-1/2 X 1-11/16 NOMINAL				
1.507	1.691	3/4	101700	AA-1612-4
		1	101701	AA-1612-1
1-1/2 X 1-3/4 NOMINAL				
1.503	1.753	1	301380	B-2428-8
		1-1/4	301381	B-2428-10
		1-1/2	301382	B-2428-12
		2	301383	B-2428-16
		2-1/2	301384	B-2428-20
		3	301385	B-2428-24
1.503	1.754	1/2	101702	AA-1704-20
		5/8	101703	AA-1704-21
		3/4	101704	AA-1704-16
		7/8	101705	AA-1704-4
		1	101706	AA-1704-15
		1-1/8	101707	AA-1704-17
		1-1/4	101708	AA-1704-11
		1-3/8	101709	AA-1704-5
		1-1/2	101710	AA-1704
		1-3/4	101711	AA-1704-3
		2	101712	AA-1704-2
		2-1/4	101713	AA-1704-7
		2-1/2	101714	AA-1704-8
		3	101715	AA-1704-9
		3-1/2	101716	AA-1704-19
1.504	1.754	1/2	401458	SS-4856-8
		3/4	401459	SS-4856-12
		1	401460	SS-4856-16
		1-1/4	401461	SS-4856-20
		1-3/8	401462	SS-4856-22
		1-1/2	401463	SS-4856-24
		1-3/4	401464	SS-4856-28
		2	401465	SS-4856-32
		2-1/4	401466	SS-4856-36
		2-1/2	401467	SS-4856-40
		3	401468	SS-4856-48
1.504	1.755	1/2	201580	EP242808 (P-150-4)
		5/8	201581	EP242810 (P-150-5)
		3/4	201448	EP242812 (P-150-6)
		7/8	201449	EP242814 (P-150-7)
		1	201450	EP242816 (P-150-8)
		1-1/4	201451	EP242820 (P-150-10)
		1-3/8	201452	EP242822 (P-150-11)
		1-1/2	201453	EP242824 (P-150-12)
		1-3/4	201454	EP242828 (P-150-14)
		2	201455	EP242832 (P-150-16)

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1-1/2 X 1-3/4 NOMINAL (cont.)				
1.504	1.755	2-1/4	201456	EP242836 (P-150-18)
		2-1/2	201457	EP242840 (P-150-20)
		3	201458	EP242848 (P-150-24)
1-1/2 X 1-13/16 NOMINAL				
1.502	1.815	1	101717	AA-1801-1
		1-5/8	101718	AA-1801
1.503	1.816	1-1/2	301386	B-2429-12
		3	301387	B-2429-24
1.504	1.816	1	401469	SS-4858-16
		1-1/2	401470	SS-4858-24
		1-5/8	401471	SS-4858-26
		2	401472	SS-4858-32
		3	401473	SS-4858-48
1.504	1.8175	1	201459	EP242916 (P-151-8)
		1-1/2	201460	EP242924 (P-151-12)
		1-5/8	201461	EP242926 (P-151-13)
		3	201462	EP242948 (P-151-24)
1-1/2 X 1-7/8 NOMINAL				
1.503	1.878	1-1/2	101719	AA-1807-9
		1-3/4	101720	AA-1807-10
		2	101721	AA-1807
		2-1/2	101722	AA-1807-11
		2-3/4	101723	AA-1807-1
		3	101724	AA-1807-2
1.503	1.878	1-1/2	301388	B-2430-12
		2	301389	B-2430-16
		2-1/2	301390	B-2430-20
		3	301391	B-2430-24
1.504	1.880	1-1/2	201463	EP243024 (P-152-12)
		2	201464	EP243032 (P-152-16)
		2-1/2	201465	EP243040 (P-152-20)
		2-3/4	201466	EP243044 (P-152-22)
		3	201467	EP243048 (P-152-24)
1.504	1.879	1-1/2	401474	SS-4860-24
		2	401475	SS-4860-32
		2-1/2	401476	SS-4860-40
		2-3/4	401477	SS-4860-44
		3	401478	SS-4860-48
1-1/2 X 2 NOMINAL				
1.503	2.004	1	101725	AA-2007-6
		2	101726	AA-2007-2
		2-1/2	101727	AA-2007-3
		3-1/2	101728	AA-2007-5
1.503	2.004	1	301392	B-2432-8
		1-1/2	301447	B-2432-12
		2	301393	B-2432-16
		2-1/2	301394	B-2432-20
		3	301395	B-2432-24
1.504	2.004	1	401479	SS-4864-16
		1-1/2	401480	SS-4864-24
		2	401481	SS-4864-32

ID	OD	LGTH.	ITEM NO.	PART NO.
1.504	2.004	2-1/2	401482	SS-4864-40
		3	401483	SS-4864-48
		3-1/2	401484	SS-4864-56
1.504	2.005	1	201468	EP243216 (P-153-8)
		1-1/2	201469	EP243224 (P-153-12)
		2	201470	EP243232 (P-153-16)
		2-1/2	201471	EP243240 (P-153-20)
		3	201472	EP243248 (P-153-24)
		3-1/2	201473	EP243256 (P-153-28)
1-5/8 X 1-7/8 NOMINAL				
1.627	1.879	1	101729	AA-1803-10
		1-1/4	101730	AA-1803-11
		1-1/2	101731	AA-1803-13
		1-3/4	101732	AA-1803-14
		2	101733	AA-1803-7
		2-1/4	101734	AA-1803-1
		2-3/4	101735	AA-1803-15
1.628	1.878	1-1/4	301396	B-2630-10
		1-1/2	301397	B-2630-12
		2	301398	B-2630-16
		2-1/2	301399	B-2630-20
		3	301400	B-2630-24
1.629	1.879	1-1/4	401485	SS-5260-20
		1-1/2	401486	SS-5260-24
		1-3/4	401487	SS-5260-28
		2	401488	SS-5260-32
		2-1/4	401489	SS-5260-36
		2-1/2	401490	SS-5260-40
		3	401491	SS-5260-48
1.629	1.880	1-1/4	201474	EP263020 (P-162-10)
		1-1/2	201475	EP263024 (P-162-12)
		1-3/4	201476	EP263028 (P-162-14)
		2	201477	EP263032 (P-162-16)
		2-1/4	201478	EP263036 (P-162-18)
		2-1/2	201479	EP263040 (P-162-20)
		3	201480	EP263048 (P-162-24)
1-5/8 X 2 NOMINAL				
1.6265	2.004	1-1/2	101736	AA-2000-5
		2	101737	AA-2000-1
		2-1/2	101738	AA-2000-3
		3	101739	AA-2000-4
1.628	2.004	1	301401	B-2632-8
		1-1/2	301402	B-2632-12
		2	301403	B-2632-16
		3	301404	B-2632-24
1.629	2.004	1	401492	SS-5264-16
		1-1/2	401493	SS-5264-24
		1-3/4	401494	SS-5264-28
		2	401495	SS-5264-32
		2-1/2	401496	SS-5264-40
		3	401497	SS-5264-48

ID	OD	LGTH.	ITEM NO.	PART NO.
1.629	2.005	1	201481	EP263216 (P-163-8)
		1-1/2	201482	EP263224 (P-163-12)
		2	201483	EP263232 (P-163-16)
		2-1/2	201484	EP263240 (P-163-20)
		3	201485	EP263248 (P-163-24)
1-11/16 X 2-3/16 NOMINAL				
1.6905	2.191	1-3/4	301405	B-2735-14
		2	301406	B-2735-16
		3	301407	B-2735-24
		4	301408	B-2735-32
1.6905	2.1915	2	101740	AA-2107-1
		4	101741	AA-2107
1.6915	2.1925	1-3/4	201486	EP273528 (P-168-14)
		2	201487	EP273532 (P-168-16)
		3	201488	EP273548 (P-168-24)
		4	201489	EP273564 (P-168-32)
1.6915	2.1925	1-3/4	401498	SS-5470-28
		2	401499	SS-5470-32
		3	401500	SS-5470-48
		4	401501	SS-5470-64
1-3/4 X 1-15/16 NOMINAL				
1.7525	1.9415	1-1/4	101742	AA-1904-2
		1-1/2	101743	AA-1904-3
1-3/4 X 2 NOMINAL				
1.753	2.004	1	101744	AA-2001-11
		1-1/2	101745	AA-2001-3
		1-7/8	101746	AA-2001
		2	101747	AA-2001-9
		2-1/2	101748	AA-2001-1
		2-3/4	101749	AA-2001-13
		3	101750	AA-2001-2
1.753	2.004	2	301409	B-2832-16
		2-1/2	301410	B-2832-20
		3	301411	B-2832-24
1.754	2.004	1	401502	SS-5664-16
		1-1/4	401503	SS-5664-20
		1-1/2	401504	SS-5664-24
		1-3/4	401505	SS-5664-28
		2	401506	SS-5664-32
		2-1/2	401507	SS-5664-40
		3	401508	SS-5664-48
1.754	2.005	1	201490	EP283216 (P-175-8)
		1-1/4	201491	EP283220 (P-175-10)
		1-1/2	201492	EP283224 (P-175-12)
		1-3/4	201493	EP283228 (P-175-14)
		2	201494	EP283232 (P-175-16)
		2-1/2	201495	EP283240 (P-175-20)
		3	201496	EP283248 (P-175-24)
1-3/4 X 2-1/8 NOMINAL				
1.753	2.129	1-1/2	301412	B-2834-12
		2	301413	B-2834-16
		3	301414	B-2834-24

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	PART NO.
1-3/4 X 2-1/8 NOMINAL (cont.)				
1.754	2.128	1/2	101751	AA-2112-8
		1-1/2	101752	AA-2112-1
		2	101753	AA-2112-2
		2-1/2	101754	AA-2112-3
1.754	2.129	1-3/8	401509	SS-5668-22
		1-1/2	401510	SS-5668-24
		2	401511	SS-5668-32
		3	401512	SS-5668-48
1.754	2.130	1-1/2	201497	EP283424 (P-176-12)
		2	201498	EP283432 (P-176-16)
		3	201499	EP283448 (P-176-24)
1-3/4 X 2-1/4 NOMINAL				
1.753	2.253	2	101755	AA-2204-2
		2-1/2	101756	AA-2204-3
		3	101757	AA-2204
1-7/8 X 2-1/4 NOMINAL				
1.878	2.254	3/4	101758	AA-2202-10
		2	101759	AA-2202
		2-1/2	101760	AA-2202-1
		3	101761	AA-2202-2
1-15/16 X 2-1/8 NOMINAL				
1.940	2.1285	2	101762	AA-2102-3
		2-1/2	101763	AA-2102-1
1.940	2.1285	2-1/2	401513	SS-6268-40
1-15/16 X 2-5/16 NOMINAL				
1.9405	2.316	2	301415	B-3137-16
		3	301416	B-3137-24
		4	301417	B-3137-32
1.9405	2.3165	2	101764	AA-2306-3
		3	101765	AA-2306-5
		4	101766	AA-2306
1.9405	2.3165	2	401514	SS-6274-32
		2-1/2	401515	SS-6274-40
		3	401516	SS-6274-48
		4	401517	SS-6274-64
1.9415	2.3175	2	201500	EP313732 (P-193-16)
		2-1/2	201501	EP313740 (P-193-20)
		3	201502	EP313748 (P-193-24)
		4	201503	EP313764 (P-193-32)
1-15/16 X 2-7/16 NOMINAL				
1.942	2.4415	1-1/2	101767	AA-2403-1
		2	101768	AA-2403-2
2 X 2-1/4 NOMINAL				
2.003	2.254	3/4	101769	AA-2203-5
		1	101770	AA-2203-6
		1-1/2	101771	AA-2203-7

ID	OD	LGTH.	ITEM NO.	PART NO.
2.003	2.254	2	101772	AA-2203
		2-1/2	101773	AA-2203-9
		3	101774	AA-2203-10
2.004	2.254	1	401518	SS-6472-16
		1-1/2	401519	SS-6472-24
		2	401520	SS-6472-32
		2-1/2	401521	SS-6472-40
		3	401522	SS-6472-48
2.004	2.255	3/4	201582	EP323612 (P-200-6)
		1	201504	EP323616 (P-200-8)
		1-1/2	201505	EP323624 (P-200-12)
		2	201506	EP323632 (P-200-16)
		2-1/2	201507	EP323640 (P-200-20)
		3	201508	EP323648 (P-200-24)
2 X 2-3/8 NOMINAL				
2.003	2.379	1-1/8	101775	AA-2304-6
		1-1/2	101776	AA-2304-7
		1-3/4	101777	AA-2304
		2	101778	AA-2304-1
		2-1/2	101779	AA-2304-2
		3	101780	AA-2304-3
		3-1/2	101781	AA-2304-4
		4	101782	AA-2304-5
2.003	2.379	1-3/4	301418	B-3238-14
		2	301419	B-3238-16
		2-3/4	301420	B-3238-22
		3	301421	B-3238-24
		4	301422	B-3238-32
2.004	2.380	1-1/8	201583	EP323818 (P-201-9)
		1-1/2	201509	EP323824 (P-201-12)
		1-3/4	201510	EP323828 (P-201-14)
		2	201511	EP323832 (P-201-16)
		2-1/2	201512	EP323840 (P-201-20)
		2-3/4	201513	EP323844 (P-201-22)
		3	201514	EP323848 (P-201-24)
		3-1/2	201515	EP323856 (P-201-28)
		4	201516	EP323864 (P-201-32)
2.004	2.380	1-1/2	401523	SS-6476-24
		1-3/4	401524	SS-6476-28
		2	401525	SS-6476-32
		2-1/2	401526	SS-6476-40
		2-3/4	401527	SS-6476-44
		3	401528	SS-6476-48
		3-1/2	401529	SS-6476-56
		4	401530	SS-6476-64
2 X 2-1/2 NOMINAL				
2.003	2.503	1-1/2	101783	AA-2501-1
		2	101784	AA-2501-2
		2-1/2	101785	AA-2501-3
		3	101786	AA-2501

ID	OD	LGTH.	ITEM NO.	PART NO.
2.004	2.504	1	301423	B-3240-8
		2	301424	B-3240-16
		3	301425	B-3240-24
2.004	2.505	1	201517	EP324016 (P-202-8)
		1-1/2	201518	EP324024 (P-202-12)
		2	201519	EP324032 (P-202-16)
		2-1/2	201520	EP324040 (P-202-20)
		3	201521	EP324048 (P-202-24)
		3-1/2	201522	EP324056 (P-202-28)
		4	201523	EP324064 (P-202-32)
2.004	2.505	1	401531	SS-6480-16
		1-1/2	401532	SS-6480-24
		2	401533	SS-6480-32
		2-1/2	401534	SS-6480-40
		3	401535	SS-6480-48
		3-1/2	401536	SS-6480-56
		4	401537	SS-6480-64
2-3/16 X 2-3/8 NOMINAL				
2.190	2.379	1-1/2	101787	AA-2303-1
2-1/4 X 2-5/8 NOMINAL				
2.254	2.6295	2	101788	AA-2605-3
		3	101789	AA-2605-5
		3-1/2	101790	AA-2605
		4-1/2	101791	AA-2605-2
2.254	2.630	2	401538	SS-7284-32
		2-1/2	401539	SS-7284-40
		3	401540	SS-7284-48
2.254	2.631	2	201524	EP364232 (P-225-16)
		2-1/2	201525	EP364240 (P-225-20)
		3	201526	EP364248 (P-225-24)
2-1/4 X 2-3/4 NOMINAL				
2.253	2.753	1-1/2	101792	AA-2703-1
		2	101793	AA-2703-2
		3	101794	AA-2703
2.254	2.754	2	301429	B-3644-16
		3	301430	B-3644-24
2.254	2.755	2	401541	SS-7288-32
		3	401542	SS-7288-48
2.254	2.756	2	201527	EP364432 (P-226-16)
		3	201528	EP364448 (P-226-24)
2-3/8 X 2-5/8 NOMINAL				
2.377	2.6295	1-1/4	101795	AA-2602-3
		1-5/8	101796	AA-2602
2-3/8 X 2-3/4 NOMINAL				
2.379	2.753	2	101797	AA-2701-2
		2-1/2	101798	AA-2701-6
		3	101799	AA-2701
2.379	2.754	2	301432	B-3844-16
		3	301433	B-3844-24
2.379	2.755	2	401543	SS-7688-32
		2-1/2	401544	SS-7688-40
		3	401545	SS-7688-48
2.379	2.756	2	201529	EP384432 (P-237-16)
		2-1/2	201530	EP384440 (P-237-20)
		3	201531	EP384448 (P-237-24)

*Other sizes, tolerances, lubricants and materials are available on special orders.



ID	OD	LGTH.	ITEM NO.	(PART NO.)
2-1/2 X 2-3/4 NOMINAL				
2.504	2.754	2	401546	SS-8088-32
		2-1/2	401547	SS-8088-40
		3	401548	SS-8088-48
		4	401549	SS-8088-64
2.505	2.754	2	101800	AA-2702-5
		2-1/2	101801	AA-2702-4
		3	101802	AA-2702-1
2.505	2.756	2	201532	EP404432 (P-250-16)
		3	201533	EP404448 (P-250-24)
		4	201534	EP404464 (P-250-32)
2-1/2 X 2-7/8 NOMINAL				
2.504	2.880	2-1/4	101803	AA-2803-1
		2-1/2	101804	AA-2803-3
		3	101805	AA-2803-2
2.504	2.880	2-1/4	401550	SS-8092-36
		2-1/2	401551	SS-8092-40
		3	401552	SS-8092-48
2.505	2.881	2-1/4	201535	EP404636 (P-251-18)
		2-1/2	201536	EP404640 (P-251-20)
		3	201537	EP404648 (P-251-24)
2-1/2 X 3 NOMINAL				
2.504	3.005	2	101806	AA-3005-7
		2-1/2	101807	AA-3005-4
		3	101808	AA-3005-1
		4	101809	AA-3005
2.504	3.005	2	301438	B-4048-16
		3	301439	B-4048-24
		4	301440	B-4048-32
2.504	3.005	2	401553	SS-8096-32
		3	401554	SS-8096-48
		4	401555	SS-8096-64
2.505	3.006	2	201538	EP404832 (P-252-16)
		3	201539	EP404848 (P-252-24)
		4	201540	EP404864 (P-252-32)
2-3/4 X 3 NOMINAL				
2.753	3.005	1-1/2	101810	AA-3006-1
		2-1/2	101811	AA-3006
2.754	3.005	1-1/2	401556	SS-8896-24
		2-1/2	401557	SS-8896-40
2-3/4 X 3-1/8 NOMINAL				
2.753	3.129	1-1/4	101812	AA-3100-7
		2-3/4	101813	AA-3100
		4	101814	AA-3100-11
2-3/4 X 3-1/4 NOMINAL				
2.752	3.254	1-1/2	101815	AA-3201-1
		2	101816	AA-3201-4
		3	101817	AA-3201-7
		4	101818	AA-3201

ID	OD	LGTH.	ITEM NO.	(PART NO.)
2.754	3.255	2	401558	SS-88104-32
		3	401559	SS-88104-48
		4	401560	SS-88104-64
2.755	3.255	2	301441	B-4452-16
		3	301442	B-4452-24
		4	301443	B-4452-32
2.755	3.257	2	201541	EP445232 (P-275-16)
		3	201542	EP445248 (P-275-24)
		4	201543	EP445264 (P-275-32)
2-15/16 X 3-5/16 NOMINAL				
2.940	3.315	3	401561	SS-94106-48
		3	101819	AA-3301-3
3 X 3-1/4 NOMINAL				
3.002	3.255	1-1/4	101820	AA-3200-5
		2	101821	AA-3200
		3	101822	AA-3200-2
3.005	3.255	2	401562	SS-96104-32
		3	401563	SS-96104-48
3.006	3.257	2	201544	EP485232 (P-300-16)
		3	201545	EP485248 (P-300-24)
3 X 3-1/2 NOMINAL				
3.004	3.505	2-1/2	101823	AA-3502-7
		3	101824	AA-3502-8
		4	101825	AA-3502-3
3.004	3.505	2	301444	B-4856-16
		3	301445	B-4856-24
		4	301446	B-4856-32
3.005	3.505	2	401564	SS-96112-32
		2-1/2	401565	SS-96112-40
		3	401566	SS-96112-48
		4	401567	SS-96112-64
3.006	3.507	2	201546	EP485632 (P-301-16)
		2-1/2	201547	EP485640 (P-301-20)
		3	201548	EP485648 (P-301-24)
		4	201549	EP485664 (P-301-32)
3-1/4 X 3-5/8 NOMINAL				
3.253	3.628	4	101826	AA-3600-5
3.253	3.628	4	401568	SS-104116-64
3-1/2 X 4 NOMINAL				
3.5035	4.004	2	101827	AA-4000-3
		3	101828	AA-4000-5
		3-1/2	101829	AA-4000-6
		4	101830	AA-4000
3.505	4.006	3	401569	SS-112128-48
		3-1/2	401570	SS-112128-56
		4	401571	SS-112128-64

ID	OD	LGTH.	ITEM NO.	(PART NO.)
3.507	4.008	2	201584	EP566432 (P-350-16)
		3	201550	EP566448 (P-350-24)
		3-1/2	201551	EP566456 (P-350-28)
		4	201552	EP566464 (P-350-32)
4 X 4-1/2 NOMINAL				
4.0035	4.504	4	101831	AA-4500
		6	101832	AA-4500-2
4.0035	4.504	4	401572	SS-128144-64
		6	401573	SS-128144-96
4.008	4.509	4	201553	EP647264 (P-400-32)
4 X 4-5/8 NOMINAL				
4.003	4.628	4	101833	AA-4600-5
4.003	4.628	4	401574	SS-128148-64
4-1/2 X 5-1/4 NOMINAL				
4.504	5.2545	5	101834	AA-5201
4.504	5.2545	5	401575	SS-144168-80
5 X 5-3/4 NOMINAL				
5.004	5.755	2	101835	AA-5700-1
5.004	5.755	2	401576	SS-160184-32