



ID	OD	LGTH.	ITEM NO.	PART NO.
<b>1/8 X 3/16 NOMINAL</b>				
.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)
<b>1/8 X 7/32 NOMINAL</b>				
.127	.222	1/4	101008	AA-223
		3/8	101009	AA-223-1
<b>1/8 X 1/4 NOMINAL</b>				
.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
<b>1/8 X 5/16 NOMINAL</b>				
.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)
<b>1/8 X 3/8 NOMINAL</b>				
.127	.377	1/4	101012	AA-337-2
		1/2	101013	AA-337-3
<b>5/32 X 7/32 NOMINAL</b>				
.156	.220	1/4	101014	AA-211
		3/8	101015	AA-211-1

ID	OD	LGTH.	ITEM NO.	PART NO.
<b>5/32 X 1/4 NOMINAL</b>				
.1565	.2525	3/8	101016	AA-238
.159	.253	1/4	101017	AA-204-1
		5/16	101018	AA-204
<b>3/16 X 1/4 NOMINAL</b>				
.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)
<b>3/16 X 5/16 NOMINAL</b>				
.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
<b>3/16 X 3/8 NOMINAL</b>				
.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
<b>7/32 X 5/16 NOMINAL</b>				
.219	.3145	5/16	101043	AA-318
		3/8	101044	AA-318-1
<b>7/32 X 7/16 NOMINAL</b>				
.219	.440	1/2	101045	AA-410-2
		3/4	101046	AA-410-3
<b>1/4 X 5/16 NOMINAL</b>				
.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	1/2	301455	B-45-4
.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
<b>1/4 X 3/8 NOMINAL</b>				
.2505	.377	1/4	101054	AA-304-35

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



ID	OD	LGTH.	ITEM NO.	PART NO.		
<b>1/4 X 3/8 NOMINAL (cont.)</b>						
.2505	.377	5/16	101055	AA-304-9		
		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		
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		
<b>1/4 X 7/16 NOMINAL</b>						
.251	.4395	3/8	101077	AA-430		

ID	OD	LGTH.	ITEM NO.	PART NO.		
.251	.4395	1/2	101078	AA-430-1		
		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)				
<b>1/4 X 1/2 NOMINAL</b>						
.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		
<b>5/16 X 3/8 NOMINAL</b>						
.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
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		
<b>5/16 X 7/16 NOMINAL</b>				
.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.	ID	OD	LGTH.	ITEM NO.	PART NO.	ID	OD	LGTH.	ITEM NO.	PART NO.
<b>5/16 X 7/16 NOMINAL (cont.)</b>					<b>3/8 X 7/16 NOMINAL</b>					<b>3/8 X 9/16 NOMINAL</b>				
.314	.439	1	301054	B-57-8	.3145	.503	7/8	201069	EP050814 (P-33-7)	.377	.502	1-1/4	301072	B-68-10
		1-1/4	301055	B-57-10			1	201070	EP050816 (P-33-8)	.377	.503	3/16	201563	EP060803 (P-38-1.5)
		1-3/8	301056	B-57-11			1-1/4	201071	EP050820 (P-33-10)			1/4	201077	EP060804 (P-38-2)
.3145	.440	1/4	401054	SS-1014-4			1-1/2	201072	EP050824 (P-33-12)			5/16	201564	EP060805 (P-38-2.5)
		3/8	401055	SS-1014-6	.3145	.503	3/8	401063	SS-1016-6			3/8	201078	EP060806 (P-38-3)
		1/2	401056	SS-1014-8			1/2	401064	SS-1016-8			7/16	201565	EP060807 (P-38-3.5)
		5/8	401057	SS-1014-10			5/8	401065	SS-1016-10			1/2	201079	EP060808 (P-38-4)
		3/4	401058	SS-1014-12			3/4	401066	SS-1016-12			5/8	201080	EP060810 (P-38-5)
		7/8	401059	SS-1014-14			7/8	401067	SS-1016-14			3/4	201081	EP060812 (P-38-6)
		1	401060	SS-1014-16			1	401068	SS-1016-16			7/8	201082	EP060814 (P-38-7)
		1-1/8	401061	SS-1014-18			1-1/4	401069	SS-1016-20			1	201083	EP060816 (P-38-8)
		1-1/4	401062	SS-1014-20			1-1/2	401070	SS-1016-24			1-1/8	201084	EP060818 (P-38-9)
												1-1/4	201085	EP060820 (P-38-10)
.3145	.4405	1/4	201056	EP050704 (P-32-2)	.3765	.440	1/4	101135	AA-432-4	.378	.5025	1/4	101159	AA-502-5
		5/16	201561	EP050705 (P-32-2.5)			3/8	101136	AA-432-2			1/2	101160	AA-502
		3/8	201057	EP050706 (P-32-3)			1/2	101137	AA-432-1			5/8	101161	AA-502-3
		1/2	201058	EP050708 (P-32-4)			3/4	101138	AA-432-3			3/4	101162	AA-502-1
		5/8	201059	EP050710 (P-32-5)								1	101163	AA-502-2
		3/4	201060	EP050712 (P-32-6)	.377	.440	1/2	401071	SS-1214-8	.378	.503	1/4	401075	SS-1216-4
		7/8	201061	EP050714 (P-32-7)			5/8	401072	SS-1214-10			3/8	401076	SS-1216-6
		1	201062	EP050716 (P-32-8)			3/4	401073	SS-1214-12			1/2	401077	SS-1216-8
		1-1/8	201063	EP050718 (P-32-9)			1	401074	SS-1214-16			5/8	401078	SS-1216-10
		1-1/4	201064	EP050720 (P-32-10)								3/4	401079	SS-1216-12
.3155	.4395	1/4	101119	AA-417-7	.377	.4405	1/2	201073	EP060708 (P-37-4)			7/8	401080	SS-1216-14
		1/2	101120	AA-417			5/8	201074	EP060710 (P-37-5)			1	401081	SS-1216-16
		3/4	101121	AA-417-3			3/4	201075	EP060712 (P-37-6)			1-1/8	401082	SS-1216-18
							1	201076	EP060716 (P-37-8)			1-1/4	401083	SS-1216-20
<b>5/16 X 1/2 NOMINAL</b>					<b>3/8 X 1/2 NOMINAL</b>									
.3125	.503	3/8	101122	AA-520-8	.375	.503	1/4	101139	AA-521-4					
		1/2	101123	AA-520-3			3/8	101140	AA-521-9					
		5/8	101124	AA-520-4			7/16	101141	AA-521-8					
		3/4	101125	AA-520-1			1/2	101142	AA-521-1					
		7/8	101126	AA-520-2			5/8	101143	AA-521-10					
		1	101127	AA-520-5			3/4	101144	AA-521					
.314	.502	3/8	301057	B-58-3			7/8	101145	AA-521-2					
		1/2	301058	B-58-4			1	101146	AA-521-11					
		5/8	301059	B-58-5			1-1/4	101147	AA-521-12					
		3/4	301060	B-58-6	.3765	.503	3/16	101148	AA-507-12					
		7/8	301061	B-58-7			1/4	101149	AA-507-19					
		1	301062	B-58-8			5/16	101150	AA-507-13					
		1-1/4	301063	B-58-10			3/8	101151	AA-507-11					
		1-1/2	301064	B-58-12			7/16	101152	AA-507-4					
		1-3/4	301065	B-58-14			1/2	101153	AA-507-10					
.314	.503	1/4	101128	AA-506-16			5/8	101154	AA-507-5					
		3/8	101129	AA-506-2			3/4	101155	AA-507-2					
		1/2	101130	AA-506-7			7/8	101156	AA-507-3					
		9/16	101131	AA-506-1			1	101157	AA-507-23					
		5/8	101132	AA-506-3			1-1/8	101158	AA-507-17					
		3/4	101133	AA-506-8	.377	.502	3/8	301066	B-68-3					
		1	101134	AA-506-9			1/2	301067	B-68-4					
.3145	.503	3/8	201065	EP050806 (P-33-3)			5/8	301068	B-68-5					
		1/2	201066	EP050808 (P-33-4)			3/4	301069	B-68-6					
		5/8	201067	EP050810 (P-33-5)			7/8	301070	B-68-7					
		3/4	201068	EP050812 (P-33-6)			1	301071	B-68-8					

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



ID	OD	LGTH.	ITEM NO.	PART NO.
<b>3/8 X 9/16 NOMINAL (cont.)</b>				
.378	.565	3/4	401087	SS-1218-12
		7/8	401088	SS-1218-14
		1	401089	SS-1218-16
		1-1/4	401090	SS-1218-20
		<b>3/8 X 5/8 NOMINAL</b>		
.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
		<b>3/8 X 11/16 NOMINAL</b>		
.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)
<b>3/8 X 3/4 NOMINAL</b>				
.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
.377	.753	3/8	201100	EP061206 (P-41-3)

ID	OD	LGTH.	ITEM NO.	PART NO.		
.377	.753	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		
<b>7/16 X 9/16 NOMINAL</b>						
.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		
		<b>7/16 X 5/8 NOMINAL</b>				
.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		
<b>7/16 X 11/16 NOMINAL</b>						
.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)		
<b>7/16 X 5/8 NOMINAL</b>						
.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		
		<b>7/16 X 5/8 NOMINAL</b>				
		.439	.628	3/8	301099	B-710-3
				1/2	301100	B-710-4
5/8	301101			B-710-5		

ID	OD	LGTH.	ITEM NO.	PART NO.		
.439	.628	3/4	301102	B-710-6		
		7/8	301103	B-710-7		
		1	301104	B-710-8		
		1-1/4	301105	B-710-10		
		<b>7/16 X 11/16 NOMINAL</b>				
.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)		
		<b>7/16 X 11/16 NOMINAL</b>				
		.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		
<b>7/16 X 11/16 NOMINAL</b>						
.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)		
.4395	.6905	1-1/2	201122	EP071124 (P-45-12)		
		<b>1/2 X 5/8 NOMINAL</b>				
.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		
.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		
<b>1/2 X 5/8 NOMINAL</b>						
.502	.628	1-1/4	301115	B-810-10		
		1-1/2	301116	B-810-12		
		<b>1/2 X 5/8 NOMINAL</b>				
.502	.628	5/16	201566	EP081005 (P-50-2.5)		

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



ID	OD	LGTH.	ITEM NO.	PART NO.		ID	OD	LGTH.	ITEM NO.	PART NO.		ID	OD	LGTH.	ITEM NO.	PART NO.												
<b>1/2 X 5/8 NOMINAL (cont.)</b>																												
.502	.628	3/8	201123	EP081006	(P-50-3)	.502	.6905	1	201136	EP081116	(P-51-8)	.502	.753	1-1/4	201147	EP081220	(P-52-10)											
		7/16	201567	EP081007	(P-50-3.5)			1-1/8	201137	EP081118	(P-51-9)			1-1/2	201148	EP081224	(P-52-12)											
		1/2	201124	EP081008	(P-50-4)			1-1/4	201138	EP081120	(P-51-10)			1-3/4	201149	EP081228	(P-52-14)											
		9/16	201568	EP081009	(P-50-4.5)			1-1/2	201139	EP081124	(P-51-12)			2	201150	EP081232	(P-52-16)											
		5/8	201125	EP081010	(P-50-5)	.5025	.689	3/8	101231	AA-631-13		.5025	.753	1/2	101253	AA-744-5												
		11/16	201569	EP081011	(P-50-5.5)			3/4	101232	AA-631				5/8	101254	AA-744-9												
		3/4	201126	EP081012	(P-50-6)			1-1/4	101233	AA-631-1				3/4	101255	AA-744-4												
		7/8	201127	EP081014	(P-50-7)	.503	.690	1/2	401131	SS-1622-8				7/8	101256	AA-744-10												
		1	201128	EP081016	(P-50-8)			5/8	401132	SS-1622-10				1	101257	AA-744-3												
		1-1/8	201129	EP081018	(P-50-9)			3/4	401133	SS-1622-12				1-1/4	101258	AA-744												
		1-1/4	201130	EP081020	(P-50-10)			7/8	401134	SS-1622-14				1-1/2	101259	AA-744-1												
		1-1/2	201131	EP081024	(P-50-12)			1	401135	SS-1622-16				1-3/4	101260	AA-744-2												
.502	.628	3/8	401122	SS-1620-6				1-1/8	401136	SS-1622-18		.503	.753	3/8	401139	SS-1624-6												
		1/2	401123	SS-1620-8				1-1/4	401137	SS-1622-20				1/2	401140	SS-1624-8												
		5/8	401124	SS-1620-10		.504	.690	1-1/2	401138	SS-1622-24				5/8	401141	SS-1624-10												
		3/4	401125	SS-1620-12				1/4	101234	AA-618-16				3/4	401142	SS-1624-12												
		7/8	401126	SS-1620-14				1/2	101235	AA-618-1				7/8	401143	SS-1624-14												
		1	401127	SS-1620-16				9/16	101236	AA-618-13				1	401144	SS-1624-16												
		1-1/8	401128	SS-1620-18				5/8	101237	AA-618-12				1-1/8	401145	SS-1624-18												
		1-1/4	401129	SS-1620-20				3/4	101238	AA-618-11				1-1/4	401146	SS-1624-20												
		1-1/2	401130	SS-1620-24				7/8	101239	AA-618-8				1-1/2	401147	SS-1624-24												
.5025	.629	1/2	101214	AA-607-1				1	101240	AA-618-6				1-3/4	401148	SS-1624-28												
		5/8	101215	AA-607-2				1-1/8	101241	AA-618-2				2	401149	SS-1624-32												
		3/4	101216	AA-607-5		<b>1/2 X 13/16 NOMINAL</b>																						
		1	101217	AA-607-3		.5005	.752	1/2	101243	AA-742-1		.501	.815	3/4	101261	AA-886-3												
		1-1/4	101218	AA-607-6				3/4	101244	AA-742-2				1	101262	AA-886-1												
.504	.6275	1/2	101219	AA-634-4				1	101245	AA-742				1-1/2	101263	AA-886-4												
		1	101220	AA-634-5				1-1/8	101246	AA-742-4		.502	.815	1/2	301135	B-813-4												
<b>1/2 X 11/16 NOMINAL</b>																			3/4	301136	B-813-6							
.5015	.690	3/8	101221	AA-650-4				1-1/4	101247	AA-742-3				1	301137	B-813-8												
		1/2	101222	AA-650-1		.5015	.752	1/2	101248	AA-753				1-1/2	301138	B-813-12												
		9/16	101223	AA-650-6				9/16	101249	AA-753-1		.502	.8165	1/2	201151	EP081308	(P-53-4)											
		5/8	101224	AA-650-9				3/4	101250	AA-753-5				3/4	201152	EP081312	(P-53-6)											
		3/4	101225	AA-650				1	101251	AA-753-2				1	201153	EP081316	(P-53-8)											
		7/8	101226	AA-650-7				1-1/2	101252	AA-753-4				1-1/2	201154	EP081324	(P-53-12)											
		1	101227	AA-650-2		.502	.753	1/2	301125	B-812-4		.503	.815	1/2	401150	SS-1626-8												
		1-1/8	101228	AA-650-5				5/8	301126	B-812-5				3/4	401151	SS-1626-12												
		1-1/4	101229	AA-650-12				3/4	301127	B-812-6				1	401152	SS-1626-16												
		1-1/2	101230	AA-650-3				7/8	301128	B-812-7				1-1/2	401153	SS-1626-24												
.502	.690	1/2	301117	B-811-4				1	301129	B-812-8		<b>1/2 X 7/8 NOMINAL</b>																
		5/8	301118	B-811-5				1-1/8	301130	B-812-9		.502	.878	1/2	301139	B-814-4												
		3/4	301119	B-811-6				1-1/4	301131	B-812-10				5/8	301140	B-814-5												
		7/8	301120	B-811-7				1-1/2	301132	B-812-12				3/4	301141	B-814-6												
		1	301121	B-811-8				1-3/4	301133	B-812-14				7/8	301142	B-814-7												
		1-1/8	301122	B-811-9				2	301134	B-812-16				1	301143	B-814-8												
		1-1/4	301123	B-811-10		.502	.753	3/8	201140	EP081206	(P-52-3)			1-1/4	301144	B-814-10												
		1-1/2	301124	B-811-12				1/2	201141	EP081208	(P-52-4)			1-1/2	301145	B-814-12												
.502	.6905	3/8	201570	EP081106	(P-51-3)			5/8	201142	EP081210	(P-52-5)			.502	.879	1/2	201155	EP081408	(P-54-4)									
		1/2	201132	EP081108	(P-51-4)			3/4	201143	EP081212	(P-52-6)				5/8	201156	EP081410	(P-54-5)										
		5/8	201133	EP081110	(P-51-5)			7/8	201144	EP081214	(P-52-7)				3/4	201157	EP081412	(P-54-6)										
		3/4	201134	EP081112	(P-51-6)			1	201145	EP081216	(P-52-8)				7/8	201158	EP081414	(P-54-7)										
		7/8	201135	EP081114	(P-51-7)			1-1/8	201146	EP081218	(P-52-9)																	

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



ID	OD	LGTH.	ITEM NO.	PART NO.	ID	OD	LGTH.	ITEM NO.	PART NO.	ID	OD	LGTH.	ITEM NO.	PART NO.
<b>1/2 X 7/8 NOMINAL (cont.)</b>					<b>5/8 X 3/4 NOMINAL</b>					<b>5/8 X 3/4 NOMINAL</b>				
.502	.879	1	201159	EP081416 (P-54-8)	.5635	.7535	1-1/4	101281	AA-711-5	.626	.753	1/2	101294	AA-724-8
		1-1/4	201160	EP081420 (P-54-10)			1-3/8	101282	AA-711			7/8	101295	AA-724-2
		1-1/2	201161	EP081424 (P-54-12)			1-1/2	101283	AA-711-2			1	101296	AA-724-3
.503	.878	1/2	401154	SS-1628-8	.5645	.753	1/2	201171	EP091208 (P-57-4)			1-1/8	101297	AA-724
		5/8	401155	SS-1628-10			3/4	201172	EP091212 (P-57-6)			1-1/4	101298	AA-724-5
		3/4	401156	SS-1628-12			1	201173	EP091216 (P-57-8)	.627	.752	1/2	101299	AA-741
		7/8	401157	SS-1628-14			1-1/4	201174	EP091220 (P-57-10)			5/8	101300	AA-741-1
		1	401158	SS-1628-16			1-1/2	201175	EP091224 (P-57-12)			3/4	101301	AA-741-4
		1-1/4	401159	SS-1628-20	.565	.753	1/2	301150	B-912-4	.627	.753	3/8	101302	AA-710-13
		1-1/2	401160	SS-1628-24			3/4	301151	B-912-6			1/2	101303	AA-710-27
.503	.879	1/2	101264	AA-842-7			1	301152	B-912-8			5/8	101304	AA-710-19
		3/4	101265	AA-842-4			1-1/2	301153	B-912-12			3/4	101305	AA-710-6
		1	101266	AA-842-3	.565	.753	1/2	401170	SS-1824-8			7/8	101306	AA-710-16
		1-1/4	101267	AA-842-2			3/4	401171	SS-1824-12			1	101307	AA-710-3
		1-1/2	101268	AA-842			1	401172	SS-1824-16			1-1/8	101308	AA-710-8
<b>1/2 X 1 NOMINAL</b>							1-1/4	401173	SS-1824-20			1-1/4	101309	AA-710-5
.502	1.004	3/4	201162	EP081612 (P-55-6)			1-1/2	401174	SS-1824-24	.627	.753	3/8	201572	EP101206 (P-62-3)
		1	201163	EP081616 (P-55-8)	.566	.753	1/2	101284	AA-709-7			1/2	201181	EP101208 (P-62-4)
		1-1/2	201164	EP081624 (P-55-12)			3/4	101285	AA-709-8			5/8	201182	EP101210 (P-62-5)
		2	201165	EP081632 (P-55-16)			1	101286	AA-709			3/4	201183	EP101212 (P-62-6)
.503	1.004	3/4	401161	SS-1632-12			1-1/4	101287	AA-709-5			7/8	201184	EP101214 (P-62-7)
		1	401162	SS-1632-16			1-1/2	101288	AA-709-6			1	201185	EP101216 (P-62-8)
		1-1/2	401163	SS-1632-24								1-1/8	201186	EP101218 (P-62-9)
		2	401164	SS-1632-32								1-1/4	201187	EP101220 (P-62-10)
<b>9/16 X 11/16 NOMINAL</b>												1-1/2	201188	EP101224 (P-62-12)
.5635	.691	7/16	101269	AA-620-3	<b>9/16 X 13/16 NOMINAL</b>					.627	.753	1/2	301159	B-1012-4
		1/2	101270	AA-620-7	.563	.815	3/4	101289	AA-807-3			5/8	301160	B-1012-5
		5/8	101271	AA-620-8			1	101290	AA-807-2			3/4	301161	B-1012-6
		3/4	101272	AA-620-1			1-1/4	101291	AA-807-4			7/8	301162	B-1012-7
		1	101273	AA-620	.5645	.8165	1/2	201176	EP091308 (P-58-4)			1	301163	B-1012-8
		1-1/4	101274	AA-620-5			3/4	201177	EP091312 (P-58-6)			1-1/8	301164	B-1012-9
.5645	.6905	1/2	201166	EP091108 (P-56-4)			1	201178	EP091316 (P-58-8)			1-1/4	301165	B-1012-10
		5/8	201571	EP091110 (P-56-5)			1-1/4	201179	EP091320 (P-58-10)			1-1/2	301166	B-1012-12
		3/4	201167	EP091112 (P-56-6)	.565	.815	1/2	301154	B-913-4	.628	.753	1/2	401180	SS-2024-8
		1	201168	EP091116 (P-56-8)			3/4	301155	B-913-6			5/8	401181	SS-2024-10
		1-1/4	201169	EP091120 (P-56-10)			1	301156	B-913-8			3/4	401182	SS-2024-12
		1-1/2	201170	EP091124 (P-56-12)			1-1/4	301157	B-913-10			7/8	401183	SS-2024-14
.565	.690	1/2	401165	SS-1822-8			1-1/2	301158	B-913-12			1	401184	SS-2024-16
		3/4	401166	SS-1822-12	.565	.815	1/2	401175	SS-1826-8			1-1/8	401185	SS-2024-18
		1	401167	SS-1822-16			3/4	401176	SS-1826-12			1-1/4	401186	SS-2024-20
		1-1/4	401168	SS-1822-20			1	401177	SS-1826-16	<b>5/8 X 13/16 NOMINAL</b>				
		1-1/2	401169	SS-1822-24			1-1/4	401178	SS-1826-20	.625	.815	1/2	101311	AA-810-4
.565	.691	1/2	301146	B-911-4			1-1/2	401179	SS-1826-24			5/8	101312	AA-810-2
		3/4	301147	B-911-6								3/4	101313	AA-810-10
		1	301148	B-911-8								7/8	101314	AA-810-1
		1-1/2	301149	B-911-12								1	101315	AA-810-7
.568	.689	1-1/8	101275	AA-658-5	<b>9/16 X 7/8 NOMINAL</b>							1-1/4	101316	AA-810-11
		1-1/2	101276	AA-658-1	.567	.877	1	101292	AA-863-3			1-3/8	101317	AA-810
<b>9/16 X 3/4 NOMINAL</b>							1-3/8	101293	AA-863			1-1/2	101318	AA-810-12
.5635	.7535	5/8	101278	AA-711-6						.627	.815	3/4	101319	AA-811-7
		3/4	101279	AA-711-1								1	101320	AA-811-6
		1	101280	AA-711-3										

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



ID	OD	LGTH.	ITEM NO.	PART NO.	ID	OD	LGTH.	ITEM NO.	PART NO.	ID	OD	LGTH.	ITEM NO.	PART NO.		
<b>5/8 X 13/16 NOMINAL (cont.)</b>																
.627	.815	1-1/4	101321	AA-811-2	.627	.878	5/8	301175	B-1014-5	.628	1.003	7/8	301186	B-1016-7		
		1-3/8	101322	AA-811-5			3/4	301176	B-1014-6			1	301187	B-1016-8		
		1-1/2	101323	AA-811-3			7/8	301177	B-1014-7			1-1/4	301188	B-1016-10		
		1-3/4	101324	AA-811-1			1	301178	B-1014-8			1-1/2	301189	B-1016-12		
		1.99	101325	AA-811			1-1/4	301179	B-1014-10			1-3/4	301190	B-1016-14		
.627	.815	1/2	301167	B-1013-4			1-1/2	301180	B-1014-12			2	301191	B-1016-16		
		5/8	301168	B-1013-5			1-3/4	301181	B-1014-14	.628	1.003	1/2	401209	SS-2032-8		
		3/4	301169	B-1013-6	.627	.879	1/2	201197	EP101408 (P-64-4)			5/8	401210	SS-2032-10		
		7/8	301170	B-1013-7			5/8	201198	EP101410 (P-64-5)			3/4	401211	SS-2032-12		
		1	301171	B-1013-8			3/4	201199	EP101412 (P-64-6)			7/8	401212	SS-2032-14		
		1-1/4	301172	B-1013-10			7/8	201200	EP101414 (P-64-7)			1	401213	SS-2032-16		
		1-1/2	301173	B-1013-12			1	201201	EP101416 (P-64-8)			1-1/4	401214	SS-2032-20		
		2	301174	B-1013-16			1-1/8	201202	EP101418 (P-64-9)			1-1/2	401215	SS-2032-24		
.627	.8165	1/2	201189	EP101308 (P-63-4)			1-1/4	201203	EP101420 (P-64-10)			1-3/4	401216	SS-2032-28		
		5/8	201190	EP101310 (P-63-5)			1-1/2	201204	EP101424 (P-64-12)			2	401217	SS-2032-32		
		3/4	201191	EP101312 (P-63-6)			1-3/4	201205	EP101428 (P-64-14)	.628	1.0035	3/4	101348	AA-1011-12		
		7/8	201192	EP101314 (P-63-7)			2	201206	EP101432 (P-64-16)			7/8	101349	AA-1011-5		
		1	201193	EP101316 (P-63-8)	.628	.878	1/2	401196	SS-2028-8			1	101350	AA-1011-3		
		1-1/4	201194	EP101320 (P-63-10)			5/8	401197	SS-2028-10			1-1/8	101351	AA-1011-4		
		1-1/2	201195	EP101324 (P-63-12)			3/4	401198	SS-2028-12			1-1/4	101352	AA-1011-1		
		1-3/4	201196	EP101328 (P-63-14)			7/8	401199	SS-2028-14			1-3/8	101353	AA-1011-13		
.628	.815	1/2	401188	SS-2026-8			1	401200	SS-2028-16			1-1/2	101354	AA-1011		
		5/8	401189	SS-2026-10			1-1/8	401201	SS-2028-18	<b>11/16 X 13/16 NOMINAL</b>						
		3/4	401190	SS-2026-12			1-1/4	401202	SS-2028-20	.6885	.815	1	101355	AA-812-1		
		7/8	401191	SS-2026-14			1-1/2	401203	SS-2028-24			1-1/4	101356	AA-812		
		1	401192	SS-2026-16			1-3/4	401204	SS-2028-28	<b>11/16 X 7/8 NOMINAL</b>						
		1-1/4	401193	SS-2026-20			2	401205	SS-2028-32	.6895	.879	3/4	201219	EP111412 (P-68-6)		
		1-1/2	401194	SS-2026-24			<b>5/8 X 15/16 NOMINAL</b>							1	201220	EP111416 (P-68-8)
		1-3/4	401195	SS-2026-28	.627	.9415	5/8	201207	EP101510 (P-65-5)			1-1/4	201221	EP111420 (P-68-10)		
.628	.8155	5/8	101326	AA-814-3			3/4	201208	EP101512 (P-65-6)			1-1/2	201222	EP111424 (P-68-12)		
		3/4	101327	AA-814-2			1	201209	EP101516 (P-65-8)			1-3/4	201223	EP111428 (P-68-14)		
		1	101328	AA-814	.628	.940	5/8	101345	AA-946-4			2	201224	EP111432 (P-68-16)		
		1-1/4	101329	AA-814-5			3/4	101346	AA-946-2	.690	.878	1/2	101357	AA-851-2		
<b>5/8 X 7/8 NOMINAL</b>							1	101347	AA-946-1			3/4	101358	AA-851-7		
.625	.877	1/2	101330	AA-880-4	.628	.941	5/8	401206	SS-2030-10			1	101359	AA-851-8		
		3/4	101331	AA-880-2			3/4	401207	SS-2030-12			1-1/8	101360	AA-851-6		
		1	101332	AA-880-1			1	401208	SS-2030-16			1-1/4	101361	AA-851-1		
		1-1/2	101333	AA-880	<b>5/8 X 1 NOMINAL</b>					.690	.878	3/4	301192	B-1114-6		
.627	.878	1/2	101334	AA-832-11	.627	1.004	1/2	201210	EP101608 (P-66-4)			1	301193	B-1114-8		
		5/8	101335	AA-832-12			5/8	201211	EP101610 (P-66-5)			1-1/4	301194	B-1114-10		
		3/4	101336	AA-832-6			3/4	201212	EP101612 (P-66-6)			1-1/2	301195	B-1114-12		
		7/8	101337	AA-832-8			7/8	201213	EP101614 (P-66-7)			1-3/4	301196	B-1114-14		
		1	101338	AA-832-1			1	201214	EP101616 (P-66-8)			2	301197	B-1114-16		
		1-1/8	101339	AA-832-13			1-1/4	201215	EP101620 (P-66-10)	.690	.878	3/4	401218	SS-2228-12		
		1-1/4	101340	AA-832-4			1-1/2	201216	EP101624 (P-66-12)			1	401219	SS-2228-16		
		1-3/8	101341	AA-832-2			1-3/4	201217	EP101628 (P-66-14)			1-1/4	401220	SS-2228-20		
		1-1/2	101342	AA-832-5			2	201218	EP101632 (P-66-16)			1-1/2	401221	SS-2228-24		
		1-5/8	101343	AA-832-9	.628	1.003	1/2	301183	B-1016-4			1-3/4	401222	SS-2228-28		
		2	101344	AA-832-18			5/8	301184	B-1016-5			2	401223	SS-2228-32		
							3/4	301185	B-1016-6							

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



ID	OD	LGTH.	ITEM NO.	PART NO.
<b>11/16 X 15/16 NOMINAL</b>				
.689	.941	1	101362	AA-939-3
		1-1/4	101363	AA-939-2
		1-1/2	101364	AA-939-4
<b>3/4 X 7/8 NOMINAL</b>				
.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.
<b>3/4 X 15/16 NOMINAL</b>				
.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
<b>3/4 X 1 NOMINAL</b>				
.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.
<b>3/4 X 1-1/16 NOMINAL</b>				
.751	1.0645	1	101422	AA-1039
		1-1/4	101423	AA-1039-2
<b>3/4 X 1-1/8 NOMINAL</b>				
.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
<b>3/4 X 1-1/4 NOMINAL</b>				
.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.
<b>13/16 X 1 NOMINAL</b>				
.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
<b>7/8 X 1 NOMINAL</b>				
.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)
.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

ID	OD	LGTH.	ITEM NO.	PART NO.
		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
<b>7/8 X 1-1/16 NOMINAL</b>				
.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
<b>7/8 X 1-1/8 NOMINAL</b>				
.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
.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

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



ID	OD	LGTH.	ITEM NO.	PART NO.
<b>7/8 X 1-1/8 NOMINAL (cont.)</b>				
.878	1.128	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
<b>7/8 X 1-1/4 NOMINAL</b>				
.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
<b>15/16 X 1-1/16 NOMINAL</b>				
.940	1.065	3/4	101479	AA-1087-1
		1-1/4	101480	AA-1087
<b>15/16 X 1-3/16 NOMINAL</b>				
.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
<b>15/16 X 1-1/4 NOMINAL</b>				
.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
<b>1 X 1-1/8 NOMINAL</b>				
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
<b>1 X 1-3/16 NOMINAL</b>				
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
<b>1 X 1-1/4 NOMINAL</b>				
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.
<b>1 X 1-1/4 NOMINAL (cont.)</b>				
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
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
<b>1 X 1-5/16 NOMINAL</b>				
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
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)
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
<b>1 X 1-3/8 NOMINAL</b>				
1.001	1.378	3/4	101553	AA-1334-3
		1-1/4	101554	AA-1334-5
		1-1/2	101555	AA-1334-1
1.003	1.377	2	101556	AA-1334-2
		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
1.004	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

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		
1.003	1.379	3	301306	B-1622-24		
		1	201343	EP162216 (P-104-8)		
		1-1/4	201344	EP162220 (P-104-10)		
		1-1/2	201345	EP162224 (P-104-12)		
1.004	1.379	1-3/4	201346	EP162228 (P-104-14)		
		2	201347	EP162232 (P-104-16)		
		2-1/2	201348	EP162240 (P-104-20)		
		3/4	401343	SS-3244-12		
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		
		1-3/4	401347	SS-3244-28		
1.004	1.504	2	401348	SS-3244-32		
		2-1/2	401349	SS-3244-40		
		<b>1 X 1-1/2 NOMINAL</b>				
		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)		
1.0035	1.5045	3	201355	EP162448 (P-105-24)		
		1	101565	AA-1511-7		
		1-1/4	101566	AA-1511-8		
		1-1/2	101567	AA-1511-5		
1.004	1.504	2	101568	AA-1511-1		
		1	401350	SS-3248-16		
		1-1/4	401351	SS-3248-20		
1.004	1.504	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		
		<b>1-1/16 X 1-5/16 NOMINAL</b>				
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.
<b>1-1/16 X 1-5/16 NOMINAL (cont.)</b>				
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)
<b>1-1/8 X 1-1/4 NOMINAL</b>				
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
<b>1-1/8 X 1-5/16 NOMINAL</b>				
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
<b>1-1/8 X 1-3/8 NOMINAL</b>				
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
		1-3/4	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
<b>1-1/8 X 1-1/2 NOMINAL</b>				
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
<b>1-3/16 X 1-5/16 NOMINAL</b>				
1.189	1.3155	1	101608	AA-1339-2
		1-1/4	101609	AA-1339
<b>1-3/16 X 1-3/8 NOMINAL</b>				
1.189	1.379	1-1/2	101610	AA-1324-1
		1-3/4	101611	AA-1324
<b>1-3/16 X 1-7/16 NOMINAL</b>				
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
<b>1-3/16 X 1-1/2 NOMINAL</b>				
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.	ID	OD	LGTH.	ITEM NO.	PART NO.	ID	OD	LGTH.	ITEM NO.	PART NO.
<b>1-3/16 X 1-1/2 NOMINAL (cont.)</b>														
1.192	1.504	1	401388	SS-3848-16	1.2535	1.504	1-1/4	201400	EP202420 (P-125-10)	1.253	1.628	2	301355	B-2026-16
		1-1/4	401389	SS-3848-20			1-3/8	201401	EP202422 (P-125-11)			2-1/2	301356	B-2026-20
		1-1/2	401390	SS-3848-24			1-1/2	201402	EP202424 (P-125-12)			3	301357	B-2026-24
		1-3/4	401391	SS-3848-28			1-5/8	201403	EP202426 (P-125-13)	1.2535	1.630	1	201410	EP202616 (P-126-8)
		2	401392	SS-3848-32			1-3/4	201404	EP202428 (P-125-14)			1-1/4	201411	EP202620 (P-126-10)
		2-1/2	401393	SS-3848-40			1-7/8	201405	EP202430 (P-125-15)			1-1/2	201412	EP202624 (P-126-12)
		3	401394	SS-3848-48			2	201406	EP202432 (P-125-16)			1-3/4	201413	EP202628 (P-126-14)
1.193	1.504	1	101619	AA-1504-6			2-1/4	201407	EP202436 (P-125-18)			2	201414	EP202632 (P-126-16)
		1-1/2	101620	AA-1504-1			2-1/2	201408	EP202440 (P-125-20)			2-1/2	201415	EP202640 (P-126-20)
<b>1-1/4 X 1-7/16 NOMINAL</b>					1.254	1.504	1/2	401395	SS-4048-8			3	201416	EP202648 (P-126-24)
1.2515	1.4405	1-1/4	101621	AA-1407-4			5/8	401396	SS-4048-10	1.254	1.629	1-1/2	101660	AA-1604
		1-1/2	101622	AA-1407-5			3/4	401397	SS-4048-12			1-3/4	101661	AA-1604-2
		1-3/4	101623	AA-1407			7/8	401398	SS-4048-14	1.254	1.629	1	401415	SS-4052-16
		2	101624	AA-1407-6			1	401399	SS-4048-16			1-1/4	401416	SS-4052-20
		2-1/2	101625	AA-1407-8			1-1/8	401400	SS-4048-18			1-1/2	401417	SS-4052-24
<b>1-1/4 X 1-1/2 NOMINAL</b>							1-1/4	401401	SS-4048-20			1-3/4	401418	SS-4052-28
1.250	1.502	3/4	101626	AA-1517-4			1-3/8	401402	SS-4048-22			2	401419	SS-4052-32
		1-1/4	101627	AA-1517-6			1-1/2	401403	SS-4048-24			2-1/2	401420	SS-4052-40
		1-5/8	101628	AA-1517-1			1-5/8	401404	SS-4048-26			3	401421	SS-4052-48
1.252	1.502	1/2	101629	AA-1512-12			1-3/4	401405	SS-4048-28	<b>1-1/4 X 1-3/4 NOMINAL</b>				
		5/8	101630	AA-1512-11			1-7/8	401406	SS-4048-30	1.2535	1.755	1-3/4	201417	EP202828 (P-127-14)
		3/4	101631	AA-1512-14			2	401407	SS-4048-32			2	201418	EP202832 (P-127-16)
		7/8	101632	AA-1512-7			2-1/4	401408	SS-4048-36			2-1/2	201419	EP202840 (P-127-20)
		1	101633	AA-1512-15			2-1/2	401409	SS-4048-40			3	201420	EP202848 (P-127-24)
		1-1/4	101634	AA-1512-16			3	401410	SS-4048-48	1.254	1.753	1-1/2	101662	AA-1715-6
		1-3/8	101635	AA-1512-3	1.258	1.504	1	101644	AA-1505-11			2	101663	AA-1715-2
		1-1/2	101636	AA-1512-2			1-1/2	101645	AA-1505-1			3	101664	AA-1715-3
		1-3/4	101637	AA-1512-17	<b>1-1/4 X 1-9/16 NOMINAL</b>					1.254	1.754	1-1/2	401422	SS-4056-24
		1-7/8	101638	AA-1512-1	1.252	1.565	1-1/4	101646	AA-1506-12			1-3/4	401423	SS-4056-28
		2	101639	AA-1512-5			1-1/2	101647	AA-1506-6			2	401424	SS-4056-32
		2-1/2	101640	AA-1512-13			1-3/4	101648	AA-1506			2-1/2	401425	SS-4056-40
1.253	1.503	1	301340	B-2024-8			2	101649	AA-1506-7			3	401426	SS-4056-48
		1-1/8	301341	B-2024-9			2-1/4	101650	AA-1506-8	<b>1-5/16 X 1-1/2 NOMINAL</b>				
		1-1/4	301342	B-2024-10	1.254	1.566	1	401411	SS-4050-16	1.3155	1.503	1	101665	AA-1526-4
		1-3/8	301343	B-2024-11			1-1/2	401412	SS-4050-24			1-1/4	101666	AA-1526
		1-1/2	301344	B-2024-12	<b>1-1/4 X 1-5/8 NOMINAL</b>							1-1/2	101667	AA-1526-2
		1-5/8	301345	B-2024-13	1.250	1.627	1-1/2	101651	AA-1602			2	101668	AA-1526-3
		1-3/4	301346	B-2024-14	1.252	1.6275	1	101652	AA-1606-9	<b>1-5/16 X 1-5/8 NOMINAL</b>				
		2	301347	B-2024-16			1-1/4	101653	AA-1606	1.3155	1.628	1-1/4	301358	B-2126-10
		2-1/4	301348	B-2024-18			1-1/2	101654	AA-1606-7			1-1/2	301359	B-2126-12
		2-1/2	301349	B-2024-20			1-5/8	101655	AA-1606-11			2	301360	B-2126-16
		3	301350	B-2024-24			1-3/4	101656	AA-1606-1			2-1/2	301361	B-2126-20
1.2535	1.504	1	101641	AA-1528			2	101657	AA-1606-3			3	301362	B-2126-24
		1-1/4	101642	AA-1528-3			2-1/2	101658	AA-1606-5	1.3155	1.629	1-1/2	101669	AA-1611-5
		1-1/2	101643	AA-1528-4			3	101659	AA-1606-4			2	101670	AA-1611-2
1.2535	1.504	1/2	201394	EP202408 (P-125-4)	1.253	1.628	1	301351	B-2026-8			2-1/2	101671	AA-1611
		5/8	201395	EP202410 (P-125-5)			1-1/4	301352	B-2026-10					
		3/4	201396	EP202412 (P-125-6)			1-1/2	301353	B-2026-12					
		7/8	201397	EP202414 (P-125-7)			1-3/4	301354	B-2026-14					
		1	201398	EP202416 (P-125-8)										
		1-1/8	201399	EP202418 (P-125-9)										

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



ID	OD	LGTH.	ITEM NO.	PART NO.
<b>1-5/16 X 1-5/8 NOMINAL (cont.)</b>				
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)
<b>1-3/8 X 1-9/16 NOMINAL</b>				
1.3745	1.5655	1-1/4	101672	AA-1507-2
		1-1/2	101673	AA-1507
<b>1-3/8 X 1-5/8 NOMINAL</b>				
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
<b>1-3/8 X 1-3/4 NOMINAL</b>				
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
<b>1-7/16 X 1-5/8 NOMINAL</b>				
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
<b>1-7/16 X 1-3/4 NOMINAL</b>				
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
		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
<b>1-1/2 X 1-11/16 NOMINAL</b>				
1.507	1.691	3/4	101700	AA-1612-4
		1	101701	AA-1612-1
<b>1-1/2 X 1-3/4 NOMINAL</b>				
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.
<b>1-1/2 X 1-3/4 NOMINAL (cont.)</b>				
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)
<b>1-1/2 X 1-13/16 NOMINAL</b>				
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)
<b>1-1/2 X 1-7/8 NOMINAL</b>				
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
<b>1-1/2 X 2 NOMINAL</b>				
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)
<b>1-5/8 X 1-7/8 NOMINAL</b>				
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)
<b>1-5/8 X 2 NOMINAL</b>				
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)
<b>1-11/16 X 2-3/16 NOMINAL</b>				
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
<b>1-3/4 X 1-15/16 NOMINAL</b>				
1.7525	1.9415	1-1/4	101742	AA-1904-2
		1-1/2	101743	AA-1904-3
<b>1-3/4 X 2 NOMINAL</b>				
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)
<b>1-3/4 X 2-1/8 NOMINAL</b>				
1.753	2.129	1-1/2	301412	B-2834-12
		2	301413	B-2834-16
		3	301414	B-2834-24



ID	OD	LGTH.	ITEM NO.	PART NO.
<b>1-3/4 X 2-1/8 NOMINAL (cont.)</b>				
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)
<b>1-3/4 X 2-1/4 NOMINAL</b>				
1.753	2.253	2	101755	AA-2204-2
		2-1/2	101756	AA-2204-3
		3	101757	AA-2204
<b>1-7/8 X 2-1/4 NOMINAL</b>				
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
<b>1-15/16 X 2-1/8 NOMINAL</b>				
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
<b>1-15/16 X 2-5/16 NOMINAL</b>				
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)
<b>1-15/16 X 2-7/16 NOMINAL</b>				
1.942	2.4415	1-1/2	101767	AA-2403-1
		2	101768	AA-2403-2
<b>2 X 2-1/4 NOMINAL</b>				
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)
<b>2 X 2-3/8 NOMINAL</b>				
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
<b>2 X 2-1/2 NOMINAL</b>				
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
<b>2-3/16 X 2-3/8 NOMINAL</b>				
2.190	2.379	1-1/2	101787	AA-2303-1
<b>2-1/4 X 2-5/8 NOMINAL</b>				
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)
<b>2-1/4 X 2-3/4 NOMINAL</b>				
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)
<b>2-3/8 X 2-5/8 NOMINAL</b>				
2.377	2.6295	1-1/4	101795	AA-2602-3
		1-5/8	101796	AA-2602
<b>2-3/8 X 2-3/4 NOMINAL</b>				
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.
<b>2-1/2 X 2-3/4 NOMINAL</b>				
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)
<b>2-1/2 X 2-7/8 NOMINAL</b>				
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)
<b>2-1/2 X 3 NOMINAL</b>				
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)
<b>2-3/4 X 3 NOMINAL</b>				
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
<b>2-3/4 X 3-1/8 NOMINAL</b>				
2.753	3.129	1-1/4	101812	AA-3100-7
		2-3/4	101813	AA-3100
		4	101814	AA-3100-11
<b>2-3/4 X 3-1/4 NOMINAL</b>				
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)
<b>2-15/16 X 3-5/16 NOMINAL</b>				
2.940	3.315	3	401561	SS-94106-48
		3	101819	AA-3301-3
<b>3 X 3-1/4 NOMINAL</b>				
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)
<b>3 X 3-1/2 NOMINAL</b>				
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)
<b>3-1/4 X 3-5/8 NOMINAL</b>				
3.253	3.628	4	101826	AA-3600-5
3.253	3.628	4	401568	SS-104116-64
<b>3-1/2 X 4 NOMINAL</b>				
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)
<b>4 X 4-1/2 NOMINAL</b>				
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)
<b>4 X 4-5/8 NOMINAL</b>				
4.003	4.628	4	101833	AA-4600-5
4.003	4.628	4	401574	SS-128148-64
<b>4-1/2 X 5-1/4 NOMINAL</b>				
4.504	5.2545	5	101834	AA-5201
4.504	5.2545	5	401575	SS-144168-80
<b>5 X 5-3/4 NOMINAL</b>				
5.004	5.755	2	101835	AA-5700-1
5.004	5.755	2	401576	SS-160184-32

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