



DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
1/8 X 1/4 NOMINAL						
.126	.252	1/4 3/8	5/16	1/16	102001 102002	FF-207-2 FF-207-3
1/8 X 5/16 NOMINAL						
.127	.315	1/4 3/8	3/8	3/64	302001 302002	FB-25-2 FB-25-3
3/16 X 5/16 NOMINAL						
.187	.313	1/4 3/8	3/8	1/16	102003 102004	FF-313-1 FF-313-2
.189	.3145	1/8 1/4 3/8	3/8	3/64	302003 302004 302005	FB-35-1 FB-35-2 FB-35-3
.1895	.314	3/16 1/4 5/16 3/8 1/2	7/16	1/16	102005 102006 102007 102008 102009	FF-303-1 FF-303-3 FF-303-2 FF-303 FF-303-4
.1895	.314	3/16 1/4 5/16 3/8 1/2	7/16	1/16	402001 402002 402003 402004 402005	SF-610-3 SF-610-4 SF-610-5 SF-610-6 SF-610-8
.1895	.3155	3/16 1/4 5/16 3/8 1/2	7/16	1/16	202088 202089 202090 202001 202091	EF030503 (FL-19-1.5) EF030504 (FL-19-2) EF030505 (FL-19-2.5) EF030506 (FL-19-3) EF030508 (FL-19-4)
3/16 X 3/8 NOMINAL						
.1895	.3765	3/8 1/2	7/16	1/16	102010 102011	FF-307 FF-307-2
1/4 X 3/8 NOMINAL						
.250	.381	3/16 1/4 5/16 3/8 7/16 1/2 9/16 11/16	1/2	1/16	102012 102013 102014 102015 102016 102017 102018 102019	FF-310 FF-310-3 FF-310-4 FF-310-1 FF-310-5 FF-310-2 FF-310-7 FF-310-10
.252	.377	3/16 1/4 5/16 3/8 7/16 1/2 5/8 3/4	15/32	1/16	402006 402007 402008 402009 402010 402011 402012 402013	SF-812-3 SF-812-4 SF-812-5 SF-812-6 SF-812-7 SF-812-8 SF-812-10 SF-812-12
.252	.377	1/4 3/8 1/2 5/8 3/4	1/2	3/64	302006 302007 302008 302009 302010	FB-46-2 FB-46-3 FB-46-4 FB-46-5 FB-46-6
.252	.3775	3/8	15/32	3/64	102023	FF-300
.252	.3775	1/4 3/8 1/2	15/32	1/16	102020 102021 102022	FF-312 FF-312-1 FF-312-2
.252	.378	3/16 1/4 3/8	1/2	1/16	202092 202002 202003	EF040603 (FL-26-1.5) EF040604 (FL-26-2) EF040606 (FL-26-3)
.252	.378	7/16 1/2 5/8 3/4	1/2	1/16	202093 202004 202005 202006	EF040607 (FL-26-3.5) EF040608 (FL-26-4) EF040610 (FL-26-5) EF040612 (FL-26-6)

DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
.252	.378	1/4 3/8 1/2 5/8 3/4	1/2	1/16	402202 402203 402204 402205 402206	BSF-812-4 BSF-812-6 BSF-812-8 BSF-812-10 BSF-812-12
.253	.377	1/2	1/2	1/16	102024	FF-375-1
1/4 X 7/16 NOMINAL						
.251	.4395	1/2	1/2	1/16	102025	FF-435-1
1/4 X 1/2 NOMINAL						
.252	.503	5/8 3/4	5/8	1/16	102026 102027	FF-565-2 FF-565-3
.252	.503	5/8 3/4	5/8	1/16	402014 402015	SF-816-10 SF-816-12
5/16 X 3/8 NOMINAL						
.314	.377	3/8	1/2	3/64	302011	FB-56-3
5/16 X 7/16 NOMINAL						
.3125	.440	3/8 1/2 7/8	9/16	1/16	102028 102029 102030	FF-411-1 FF-411-2 FF-411-4
.314	.439	3/8 1/2 5/8 3/4 7/8 1	5/8	3/32	302012 302086 302087 302013 302088 302089	FB-57-3 FB-57-4 FB-57-5 FB-57-6 FB-57-7 FB-57-8
.3145	.4405	3/8 1/2 3/4	9/16	1/16	202007 202008 202009	EF050706 (FL-32-3) EF050708 (FL-32-4) EF050712 (FL-32-6)
.315	.440	3/8 1/2 5/8 3/4 7/8 1	9/16	1/16	402016 402017 402018 402019 402020 402021	SF-1014-6 SF-1014-8 SF-1014-10 SF-1014-12 SF-1014-14 SF-1014-16
5/16 X 1/2 NOMINAL						
.3135	.502	3/8 3/8 1/2 5/8	9/16	1/16	102031 302014 302015 302016	FF-501-2 FB-58-3 FB-58-4 FB-58-5
.3145	.503	3/8	11/16	1/16	202010	EF050806 (FL-33-3)
.3145	.503	3/8	11/16	1/16	402022	SF-1016-6
3/8 X 1/2 NOMINAL						
.3765	.502	1/4 5/16 3/8 1/2	5/8	1/16	102032 102033 102034 102035	FF-520-15 FF-520-9 FF-520-10 FF-520-5
.3765	.503	1/2 5/8	5/8	3/32	102036 102037	FF-512-2 FF-512-3
.377	.502	1/4 5/16 3/8 1/2 5/8 3/4 1	5/8	1/16	402023 402024 402025 402026 402027 402028 402029	SF-1216-4 SF-1216-5 SF-1216-6 SF-1216-8 SF-1216-10 SF-1216-12 SF-1216-16
.377	.502	3/8 13/32	11/16	3/32	302017 302018	FB-68-3 FB-68-3-1/4
.377	.502	1/2 5/8 3/4	11/16	3/32	302019 302020 302021	FB-68-4 FB-68-5 FB-68-6

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



DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
		7/8			302090	FB-68-7
		1			302022	FB-68-8
		1-1/4			302023	FB-68-10
.377	.503	1/4	11/16	1/16	202094	EF060804 (FL-38-2)
		3/8			202095	EF060806 (FL-38-3)
		1/2			202011	EF060808 (FL-38-4)
		3/4			202012	EF060812 (FL-38-6)
		1			202013	EF060816 (FL-38-8)
.377	.503	1/2	11/16	1/16	402211	BSF-1216-8
		3/4			402212	BSF-1216-12
		1			402213	BSF-1216-16
.378	.503	1/2	3/4	3/32	102038	FF-519-2
3/8 X 9/16 NOMINAL						
.376	.564	1/2	.740	1/16	102039	FF-503-6
		11/16			102040	FF-503-4
		13/16			102041	FF-503
.377	.5645	1/2	3/4	1/8	302091	FB-69-4
		3/4			302024	FB-69-6
		1-1/4			302025	FB-69-10
.377	.5655	1/2	11/16	1/16	202014	EF060908 (FL-39-4)
		3/4			202015	EF060912 (FL-39-6)
.377	.5655	1/2	11/16	1/16	402030	SF-1218-8
3/8 X 5/8 NOMINAL						
.376	.627	1/2	7/8	1/16	102042	FF-607-2
		3/4			102043	FF-607-3
		1-1/4			102044	FF-607-1
.377	.627	1/2	7/8	1/16	402031	SF-1220-8
		3/4			402032	SF-1220-12
		1			402033	SF-1220-16
		1-1/4			402034	SF-1220-20
.377	.627	3/8	7/8	1/8	302092	FB-610-3
		1/2			302026	FB-610-4
		5/8			302093	FB-610-5
		3/4			302027	FB-610-6
		1			302028	FB-610-8
		1-1/4			302029	FB-610-10
.377	.628	1/2	7/8	1/16	202016	EF061008 (FL-40-4)
		3/4			202017	EF061012 (FL-40-6)
		1			202018	EF061016 (FL-40-8)
		1-1/4			202019	EF061020 (FL-40-10)
3/8 X 3/4 NOMINAL						
.377	.753	1/2	1	1/8	302030	FB-612-4
7/16 X 9/16 NOMINAL						
.439	.565	1/2	11/16	1/16	102045	FF-504-3
		5/8			102046	FF-504
		3/4			102047	FF-504-1
.439	.565	1/2	11/16	1/16	402035	SF-1418-8
		5/8			402036	SF-1418-10
		3/4			402037	SF-1418-12
.4395	.5655	1/2	11/16	1/16	202020	EF070908 (FL-43-4)
		3/4			202021	EF070912 (FL-43-6)
7/16 X 5/8 NOMINAL						
.4385	.627	3/4	7/8	1/8	102048	FF-608-3
		1-1/4			102049	FF-608
.439	.628	5/8	7/8	1/8	302031	FB-710-5
		3/4			302094	FB-710-6
		1-1/4			302032	FB-710-10
.439	.628	5/8	7/8	1/8	402038	SF-1420-10
.439	.628	3/4	7/8	1/8	402039	SF-1420-12
		1			402040	SF-1420-16
		1-1/4			402041	SF-1420-20
.4395	.628	3/4	7/8	1/8	202022	EF071012 (FL-44-6)
		1-1/4			202023	EF071020 (FL-44-10)

DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
1/2 X 5/8 NOMINAL						
.502	.627	5/16	3/4	3/32	102053	FF-636-3
		3/8			102161	FF-636-2
.502	.627	3/16	7/8	1/16	102054	FF-620-9
		1/2			102055	FF-620-1
		9/16			102056	FF-620-5
		5/8			102057	FF-620-7
		11/16			102058	FF-620
		3/4			102059	FF-620-2
		15/16			102060	FF-620-6
		1			102061	FF-620-3
		1-1/8			102062	FF-620-4
.502	.627	1/4	7/8	1/16	402042	SF-1620-4
		3/8			402043	SF-1620-6
		1/2			402044	SF-1620-8
		9/16			402045	SF-1620-9
		5/8			402046	SF-1620-10
		11/16			402047	SF-1620-11
		3/4			402048	SF-1620-12
		1			402049	SF-1620-16
		1-1/4			402050	SF-1620-20
		1-1/2			402138	SF-1620-24
.502	.627	1/2	31/32	3/32	102050	FF-600-5
		1			102051	FF-600-2
		1-3/4			102052	FF-600
.502	.628	1/2	7/8	1/8	302033	FB-810-4
		5/8			302034	FB-810-5
		3/4			302035	FB-810-6
		7/8			302095	FB-810-7
		1			302036	FB-810-8
		1-1/4			302037	FB-810-10
		1-1/2			302038	FB-810-12
		1-3/4			302039	FB-810-14
.502	.628	5/16	7/8	1/8	202096	EF081005 (FL-50-2.5)
		3/8			202024	EF081006 (FL-50-3)
		1/2			202025	EF081008 (FL-50-4)
		5/8			202097	EF081010 (FL-50-5)
		3/4			202026	EF081012 (FL-50-6)
		1			202027	EF081016 (FL-50-8)
		1-1/4			202028	EF081020 (FL-50-10)
		1-1/2			202029	EF081024 (FL-50-12)
.502	.628	3/8	7/8	1/8	402224	BSF-1620-6
		1/2			402225	BSF-1620-8
		3/4			402226	BSF-1620-12
		1			402227	BSF-1620-16
		1-1/4			402228	BSF-1620-20
		1-1/2			402229	BSF-1620-24
1/2 X 11/16 NOMINAL						
.502	.690	1/2	15/16	1/8	302040	FB-811-4
		5/8			302096	FB-811-5
		3/4			302041	FB-811-6
.502	.6905	5/16	7/8	1/8	202098	EF081105 (FL-51-2.5)
		1/2			202030	EF081108 (FL-51-4)
		3/4			202031	EF081112 (FL-51-6)
.502	.6905	5/16	7/8	1/8	402051	SF-1622-5
		1/2			402052	SF-1622-8
		3/4			402053	SF-1622-12
		7/8			402054	SF-1622-14
.502	.691	5/16	13/16	1/16	102066	FF-609-1
		1/2			102067	FF-609-3
		3/4			102068	FF-609-4
		13/16			102069	FF-609

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



DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
1/2 X 11/16 NOMINAL						
.502	.691	1/2	31/32	3/32	102063	FF-604-2
		3/4			102064	FF-604-1
		13/16			102065	FF-604
1/2 X 3/4 NOMINAL						
.502	.753	1/2	15/16	1/8	102070	FF-707-5
		3/4			102071	FF-707-2
		1			102072	FF-707-3
.502	.753	3/8	15/16	1/8	402055	SF-1624-6
		1/2			402056	SF-1624-8
		5/8			402057	SF-1624-10
		3/4			402058	SF-1624-12
		1			402059	SF-1624-16
		1-1/4			402060	SF-1624-20
		1-1/2			402061	SF-1624-24
.502	.753	1/2	1	1/8	302042	FB-812-4
		5/8			302097	FB-812-5
		3/4			302043	FB-812-6
		7/8			302044	FB-812-7
		1			302045	FB-812-8
		1-1/4			302046	FB-812-10
		1-1/2			302047	FB-812-12
.502	.753	1/2	1	1/8	202032	EF081208 (FL-52-4)
		5/8			202087	EF081210 (FL-52-5)
		3/4			202033	EF081212 (FL-52-6)
		1			202034	EF081216 (FL-52-8)
		1-1/4			202035	EF081220 (FL-52-10)
.502	.753	1/2	1	1/8	402232	BSF-1624-8
		5/8			402287	BSF-1624-10
		3/4			402233	BSF-1624-12
		1			402234	BSF-1624-16
		1-1/4			402235	BSF-1624-20
.503	.753	3/4	15/16	1/8	102073	FF-710
.505	.753	3/8	1	1/8	102074	FF-723-5
		1/2			102075	FF-723-1
		5/8			102076	FF-723
9/16 X 3/4 NOMINAL						
.565	.753	1/2	1	1/8	302098	FB-912-4
		3/4			302099	FB-912-6
		1			302048	FB-912-8
5/8 X 3/4 NOMINAL						
.626	.753	1/2	1	1/8	302049	FB-1012-4
		5/8			302050	FB-1012-5
		3/4			302051	FB-1012-6
		1			302052	FB-1012-8
		1-1/4			302053	FB-1012-10
.6265	.7525	5/8	1	3/32	102077	FF-703-3
		3/4			102078	FF-703-7
		1			102079	FF-703-1
		1-1/8			102080	FF-703
		1-1/4			102081	FF-703-6
.627	.753	1/2	1	3/32	402062	SF-2024-8
		5/8			402063	SF-2024-10
		3/4			402064	SF-2024-12
		1			402065	SF-2024-16
		1-1/8			402066	SF-2024-18
		1-1/4			402067	SF-2024-20
		1-1/2			402068	SF-2024-24
.627	.753	5/8	1	1/8	202036	EF101210 (FL-62-5)
		3/4			202037	EF101212 (FL-62-6)

DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
5/8 x 3/4 NOMINAL						
		1			202038	EF101216 (FL-62-8)
		1-1/8			202039	EF101218 (FL-62-9)
.627	.753	5/8	1	1/8	402236	BSF-2024-10
		3/4			402237	BSF-2024-12
		1			402238	BSF-2024-16
		1-1/8			402239	BSF-2024-18
.6275	.7525	1/2	7/8	1/16	102082	FF-718-1
		1			102083	FF-718-3
		1-1/8			102084	FF-718-6
5/8 X 13/16 NOMINAL						
.625	.815	1	1	1/8	102085	FF-823-3
		1-1/4			102086	FF-823
.626	.815	1/2	1	1/8	102087	FF-842-1
		3/4			102088	FF-842-2
		1			102089	FF-842-3
.627	.815	5/8	1-1/16	5/32	302100	FB-1013-5
		3/4			302054	FB-1013-6
		1			302055	FB-1013-8
		1-1/4			302056	FB-1013-10
		1-7/16			302057	FB-1013-11.5
		1-1/2			302058	FB-1013-12
		2			302059	FB-1013-16
.627	.8165	3/4	1	1/8	202040	EF101312 (FL-63-6)
		1			202041	EF101316 (FL-63-8)
		1-1/4			202042	EF101320 (FL-63-10)
		1-1/2			202043	EF101324 (FL-63-12)
.628	.815	3/4	1	1/8	402069	SF-2026-12
		1			402070	SF-2026-16
		1-1/4			402071	SF-2026-20
		1-1/2			402072	SF-2026-24
.628	.816	3/4	1-1/4	1/8	102090	FF-806-1
		1-7/16			102091	FF-806
.6295	.8155	1/2	1	1/8	102092	FF-805-2
		3/4			102093	FF-805
		1			102094	FF-805-3
5/8 X 7/8 NOMINAL						
.627	.877	5/8	1	1/8	102095	FF-843-4
		3/4			102096	FF-843
		1			102097	FF-843-2
		1-1/4			102098	FF-843-3
.627	.878	5/8	1-1/8	5/32	302101	FB-1014-5
		3/4			302060	FB-1014-6
		1			302061	FB-1014-8
		1-3/4			302062	FB-1014-14
.627	.879	1/2	1-1/8	1/8	202044	EF101408 (FL-64-4)
		5/8			202100	EF101410 (FL-64-5)
		3/4			202045	EF101412 (FL-64-6)
		1			202046	EF101416 (FL-64-8)
		1-1/4			202047	EF101420 (FL-64-10)
.627	.879	1/2	1-1/8	1/8	402244	BSF-2028-8
		3/4			402245	BSF-2028-12
		1			402246	BSF-2028-16
		1-1/4			402247	BSF-2028-20
.628	.878	5/8	1-1/8	1/8	402073	SF-2028-10
		3/4			402074	SF-2028-12
		1			402075	SF-2028-16
		1-1/4			402076	SF-2028-20
		1-1/2			402077	SF-2028-24

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



DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.	
5/8 X 1 NOMINAL							
.627	1.003	3/4	1-1/4	5/32	302102	FB-1016-6	
		1			302063	FB-1016-8	
.627	1.003	1	1-1/4	3/16	402078	SF-2032-16	
.627	1.004	1	1-1/4	3/16	202048	EF101616	(FL-66-8)
3/4 X 7/8 NOMINAL							
.751	.877	1/2	1	1/16	102099	FF-838-1	
		1			102100	FF-838-3	
.752	.878	3/4	1-1/8	5/32	302064	FB-1214-6	
		1			302065	FB-1214-8	
		1-1/4			302103	FB-1214-10	
.752	.879	1/2	1-1/8	1/8	202049	EF121408	(FL-75-4)
		3/4			202050	EF121412	(FL-75-6)
3/4 X 7/8 NOMINAL							
.753	.878	1/2	1-1/8	1/8	402079	SF-2428-8	
		3/4			402080	SF-2428-12	
		1			402081	SF-2428-16	
		1-1/2			402082	SF-2428-24	
3/4 X 15/16 NOMINAL							
.7505	.941	3/4	1-1/8	3/32	102101	FF-911-3	
					102102	FF-911-4	
.752	.940	1	1-3/16	5/32	302066	FB-1215-8	
		1-1/4			302104	FB-1215-10	
		1-1/2			302067	FB-1215-12	
.752	.9415	9/16	1-1/4	1/8	202101	EF121509	(FL-76-4.5)
		3/4			202051	EF121512	(FL-76-6)
		1			202052	EF121516	(FL-76-8)
		1-1/8			202053	EF121518	(FL-76-9)
		1-1/4			202054	EF121520	(FL-76-10)
		1-1/2			202055	EF121524	(FL-76-12)
.753	.938	9/16	1-5/16	1/8	102103	FF-901-4	
		3/4			102104	FF-901-6	
		1-1/4			102105	FF-901-8	
		1-9/16			102106	FF-901	
.753	.940	3/4	1-1/4	1/8	402083	SF-2430-12	
		1			402084	SF-2430-16	
		1-1/8			402085	SF-2430-18	
		1-1/4			402086	SF-2430-20	
		1-1/2			402087	SF-2430-24	
.753	.9405	1-1/8	1.175	1/8	102107	FF-905	
3/4 X 1 NOMINAL							
.7505	1.002	1/2	1-7/16	1/8	102108	FF-1011-2	
		5/8			102109	FF-1011	
		1			102110	FF-1011-4	
		1-1/8			102111	FF-1011-1	
.751	1.002	3/4	1-1/2	1/8	102112	FF-1013-2	
		1			102113	FF-1013	
		1-1/4			102114	FF-1013-3	
		1-1/2			102115	FF-1013-4	
.752	1.002	3/4	1-5/16	1/8	102116	FF-1014-2	
		1			102117	FF-1014	
.752	1.003	5/8	1-1/4	5/32	302105	FB-1216-5	
		3/4			302068	FB-1216-6	
		1-1/2			302069	FB-1216-8	
		1-2/4			302070	FB-1216-10	
					302071	FB-1216-12	
					302072	FB-1216-16	

DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.	
3/4 X 1 NOMINAL							
.752	1.004	5/8	1-1/4	3/16	202056	EF121610	(FL-77-5)
		3/4			202057	EF121612	(FL-77-6)
		1			202058	EF121616	(FL-77-8)
		1-1/8			202059	EF121618	(FL-77-9)
		1-1/4			202060	EF121620	(FL-77-10)
		1-1/2			202061	EF121624	(FL-77-12)
.752	1.004	5/8	1-1/4	3/16	402256	BSF-2432-10	
		3/4			402257	BSF-2432-12	
		1			402258	BSF-2432-16	
		1-1/8			402259	BSF-2432-18	
		1-1/4			402260	BSF-2432-20	
		1-1/2			402261	BSF-2432-24	
.753	1.003	1/2	1-1/8	1/8	102118	FF-1015-1	
		3/4			102119	FF-1015-2	
		1			102120	FF-1015	
.753	1.003	1/2	1-1/8	1/8	402088	SF-2432-8	
		5/8			402089	SF-2432-10	
		3/4			402090	SF-2432-12	
		1			402091	SF-2432-16	
		1-1/8			402092	SF-2432-18	
		1-1/4			402093	SF-2432-20	
		1-1/2			402094	SF-2432-24	
3/4 X 1-1/16 NOMINAL							
.752	1.0655	1-3/16	1-3/16	1/8	102121	FF-1010	
7/8 X 1 NOMINAL							
.8765	1.003	5/8	1-1/4	1/8	102122	FF-1001-2	
		3/4			102123	FF-1001-1	
		1			102124	FF-1001	
.877	1.003	1/2	1-1/4	1/8	402095	SF-2832-8	
		3/4			402096	SF-2832-12	
		1			402097	SF-2832-16	
		1-1/4			402098	SF-2832-20	
		1-1/2			402099	SF-2832-24	
.877	1.003	3/4	1-1/4	5/32	302073	FB-1416-6	
		1			302106	FB-1416-8	
		1-1/4			302074	FB-1416-10	
.877	1.004	1/2	1-1/4	3/16	202062	EF141608	(FL-87-4)
		3/4			202063	EF141612	(FL-87-6)
		1			202064	EF141616	(FL-87-8)
.877	1.004	1/2	1-1/4	3/16	402262	BSF-2832-8	
		3/4			402263	BSF-2832-12	
		1			402264	BSF-2832-16	
7/8 X 1-1/8 NOMINAL							
.877	1.128	1	1-3/8	5/32	302075	FB-1418-8	
		1-1/4			302107	FB-1418-10	
		1-1/2			302076	FB-1418-12	
.877	1.128	5/8	1-1/2	1/8	102125	FF-1102-6	
		1			102126	FF-1102-2	
		1-1/4			102127	FF-1102-3	
		1-3/4			102128	FF-1102	
.877	1.129	3/4	1-1/2	1/8	202065	EF141812	(FL-89-6)
		1			202066	EF141816	(FL-89-8)
		1-1/4			202067	EF141820	(FL-89-10)
		1-1/2			202068	EF141824	(FL-89-12)
		1-3/4			202069	EF141828	(FL-89-14)
.878	1.128	5/8	1-1/2	1/8	402100	SF-2836-10	
		3/4			402101	SF-2836-12	

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



DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
7/8 X 1-1/8 NOMINAL						
		1			402102	SF-2836-16
		1-1/4			402103	SF-2836-20
		1-1/2			402104	SF-2836-24
		1-3/4			402105	SF-2836-28
1 X 1-1/4 NOMINAL						
1.001	1.252	3/4	1-1/2	1/8	102129	FF-1213-1
		1-1/2			102130	FF-1213-4
1.001	1.253	3/4	1-7/8	1/8	102131	FF-1202-4
		1			102132	FF-1202-3
		1-1/4			102133	FF-1202
1.002	1.252	3/4	1-5/8	1/8	102134	FF-1207-5
		1-1/4			102135	FF-1207-7
		1-1/2			102136	FF-1207-3
		1-3/4			102137	FF-1207
1.002	1.253	3/4	1-1/2	3/16	302077	FB-1620-6
		1			302078	FB-1620-8
		1-1/4			302079	FB-1620-10
		1-1/2			302080	FB-1620-12
		2			302081	FB-1620-16
1.003	1.253	3/4	1-5/8	1/8	402106	SF-3240-12
		1			402107	SF-3240-16
		1-1/4			402108	SF-3240-20
		1-1/2			402109	SF-3240-24
		1-3/4			402110	SF-3240-28
		2			402111	SF-3240-32
1.003	1.254	3/4	1-1/2	1/8	202070	EF162012 (FL-102-6)
		1			202071	EF162016 (FL-102-8)
1.003	1.254	1-1/4	1-1/2	1/8	202072	EF162020 (FL-102-10)
		1-1/2			202073	EF162024 (FL-102-12)
1.003	1.254	3/4	1-1/2	1/8	402270	BSF-3240-12
		1			402271	BSF-3240-16
		1-1/4			402272	BSF-3240-20
		1-1/2			402273	BSF-3240-24
1 X 1-5/16 NOMINAL						
1.001	1.316	1-1/4	1-3/4	7/32	102138	FF-1302
		1-1/2			102139	FF-1302-3
1.0015	1.3155	1-1/2	1-7/8	1/8	102140	FF-1301
1 X 1-3/8 NOMINAL						
1.000	1.3785	1-3/4	1-3/4	3/16	102141	FF-1304
		2			102142	FF-1304-1
1.002	1.378	1	1-5/8	3/16	302082	FB-1622-8
		1-1/2			302108	FB-1622-12
		1-3/4			302083	FB-1622-14
1.003	1.378	3/4	1-5/8	3/16	402112	SF-3244-12
		1			402113	SF-3244-16
		1-1/2			402114	SF-3244-24
		1-3/4			402115	SF-3244-28
		2			402116	SF-3244-32
1.003	1.379	3/4	1-5/8	3/16	202074	EF162212 (FL-104-6)
		1			202075	EF162216 (FL-104-8)
		1-1/2			202076	EF162224 (FL-104-12)
		1-3/4			202077	EF162228 (FL-104-14)
		2			202078	EF162232 (FL-104-16)
1-1/8 X 1-3/8 NOMINAL						
1.127	1.377	3/4	1-3/4	1/8	102143	FF-1314-1
		1			102144	FF-1314-2
		1-1/4			102145	FF-1314-3
1.127	1.377	3/4	1-3/4	1/8	402117	SF-3644-12
		1			402118	SF-3644-16
		1-1/4			402119	SF-3644-20

DEC. I.D.	DEC. O.D.	NOM. LGTH.	FLG. O.D.	FLG. THICK	ITEM. NO.	PART. NO.
1-1/4 X 1-1/2 NOMINAL						
1.2515	1.503	1/2	1-11/16	1/8	102146	FF-1505-5
		1-1/4			102147	FF-1505
1.252	1.503	1/2	1-11/16	1/8	402120	SF-4048-8
		3/4			402121	SF-4048-12
		1			402122	SF-4048-16
		1-1/4			402123	SF-4048-20
		1-1/2			402124	SF-4048-24
		1-3/4			402125	SF-4048-28
1.252	1.503	1	1-3/4	3/16	302109	FB-2024-8
		1-1/4			302084	FB-2024-10
		1-1/2			302110	FB-2024-12
1.252	1.503	1-1/2	2	3/32	102148	FF-1506-4
		1-3/4			102149	FF-1506-5
1.2535	1.504	1	1-3/4	3/16	202079	EF202416 (FL-125-8)
		1-1/4			202080	EF202420 (FL-125-10)
		1-1/2			202081	EF202424 (FL-125-12)
		1-3/4			202082	EF202428 (FL-125-14)
1.2535	1.504	1-1/4	1-3/4	3/16	402280	BSF-4048-20
		1-1/2			402281	BSF-4048-24
		1-3/4			402282	BSF-4048-28
1-3/8 X 1-5/8 NOMINAL						
1.377	1.628	3/4	2	1/8	102150	FF-1618
		1			102151	FF-1618-1
1.377	1.628	3/4	2	1/8	402126	SF-4452-12
		1			402127	SF-4452-16
1-1/2 X 1-3/4 NOMINAL						
1.503	1.752	1-1/2	2	3/32	102152	FF-1704-4
1.503	1.752	1-1/2	2	3/32	402128	SF-4856-24
1.503	1.754	1-1/2	2-1/16	3/16	302085	FB-2428-12
1.504	1.755	1-1/2	2	3/16	202083	EF242824 (FL-150-12)
1.504	1.755	1-1/2	2	3/16	402283	BSF-4856-24
1-5/8 X 2 NOMINAL						
1.6265	2.004	2	2-1/4	3/16	102153	FF-2000
1.6265	2.004	2	2-1/4	3/16	402129	SF-5264-32
1.629	2.005	2	2-1/4	3/16	202084	EF263232 (FL-163-16)
1-3/4 X 2-1/4 NOMINAL						
1.753	2.254	2-1/2	3	1/4	102154	FF-2204-3
1.753	2.254	2-1/2	3	1/4	402130	SF-5672-40
1.754	2.255	2-1/2	3	1/4	202085	EF283640 (FL-177-20)
2 X 2-1/4 NOMINAL						
2.003	2.254	3/4	2-1/2	1/8	102155	FF-2203-2
		1			102156	FF-2203-3
		1-1/4			102157	FF-2203-4
2.003	2.254	3/4	2-1/2	1/8	402131	SF-6472-12
		1			402132	SF-6472-16
		1-1/4			402133	SF-6472-20
		2	2-1/2	1/8	402134	SF-6472-32
2.004	2.255	2	2-1/2	1/8	202086	EF323632 (FL-200-16)
2 X 2-1/2 NOMINAL						
2.002	2.501	2-3/8	3	3/8	102158	FF-2501
2.002	2.501	2-3/8	3	3/8	402135	SF-6480-38
2-3/4 X 3-1/4 NOMINAL						
2.752	3.250	1-1/2	4-1/2	3/16	102159	FF-3200-4
3 X 3-1/2 NOMINAL						
3.002	3.502	2-3/8	4	3/8	102160	FF-3500
3.002	3.502	2-3/8	4	3/8	402137	SF-96112-38

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