



GROMMETS

Part No.	Fig. No.	A (O D)		B (I D)		C (THICKNESS)		D (GROOVE WIDTH)		E (GROOVE DIAMETER)		F (SEE DRAW)						
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm					
3328	1	7/32	0.219	5.6	2/25	0.080	2.0	15/79	0.190	4.8	3/50	0.060	1.5	7/50	0.140	3.6		
2127	1	9/32	0.281	7.1	1/16	0.063	1.6	3/16	0.188	4.8	1/16	0.063	1.6	3/16	0.188	4.8		
2101	1	1/4	0.250	6.4	1/8	0.125	3.2	1/8	0.125	3.2	3/97	0.031	0.8	3/16	0.188	4.8		
2102	2	11/32	0.344	8.7	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	3/16	0.188	4.8		
2105	1	11/32	0.344	8.7	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	3/16	0.188	4.8		
2113	1	5/16	0.313	7.9	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	3/16	0.188	4.8		
2104	1	11/32	0.344	8.7	7/64	0.109	2.8	3/16	0.188	4.8	1/16	0.063	1.6	13/64	0.203	5.2		
663	4	3/8	0.375	9.5	9/64	0.141	3.6	11/32	0.344	8.7	5/64	0.078	2.0	15/64	0.234	6.0	13/64	0.203
2697	5	5/16	0.312	7.9	3/32	0.093	2.4	9/64	0.145	3.7	3/64	0.041	1.0	15/64	0.234	5.9	17/64	0.265
2111	1	19/64	0.300	7.6	3/32	0.090	2.3	3/16	0.192	4.9	5/64	0.070	1.8	15/64	0.240	6.1		
2108	1	21/64	0.320	8.1	5/32	0.156	4.0	5/32	0.158	4.0	1/32	0.031	0.8	15/64	0.240	6.1		
2112	1	19/64	0.300	7.6	5/32	0.156	4.0	3/16	0.192	4.9	5/64	0.070	1.8	15/64	0.240	6.1		
2110	1	3/8	0.375	9.5	7/64	0.100	2.5	3/16	0.188	4.8	1/16	0.060	1.5	1/4	0.250	6.4		
2121	1	11/32	0.344	8.7	7/64	0.105	2.7	3/16	0.188	4.8	1/16	0.063	1.6	1/4	0.250	6.4		
2109	1	11/32	0.340	8.6	1/8	0.120	3.0	7/32	0.220	5.6	1/16	0.060	1.5	1/4	0.250	6.4		
2107	3	5/16	0.313	7.9	5/32	0.150	3.8	1/8	0.128	3.3	1/16	0.063	1.6	1/4	0.250	6.4		
2190	5	9/16	0.563	14.3	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	1/4	0.250	6.4	3/8	0.375
210	1	11/32	0.344	8.7	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	1/4	0.250	6.4		
211	2	11/32	0.344	8.7	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	1/4	0.250	6.4		
2106	1	5/16	0.313	7.9	1/8	0.125	3.2	5/32	0.156	4.0	3/64	0.040	1.0	1/4	0.250	6.4		
661	4	3/8	0.375	9.5	9/64	0.141	3.6	3/8	0.375	9.5	1/16	0.063	1.6	1/4	0.250	6.4	7/32	0.219
2103	3	5/16	0.313	7.9	5/32	0.156	4.0	3/16	0.188	4.8	3/32	0.094	2.4	1/4	0.250	6.4		
2164	1	3/8	0.375	9.5	5/32	0.156	4.0	3/16	0.188	4.8	1/16	0.063	1.6	1/4	0.250	6.4		
3322	5	7/16	0.435	11.0	3/16	0.187	4.7	1/4	0.250	6.4	3/32	0.094	2.4	1/4	0.250	6.4	3/8	0.372
2165	1	7/16	0.440	11.2	11/64	0.170	4.3	3/16	0.184	4.7	3/64	0.055	1.4	1/4	0.250	6.4		
2533*	3	25/64	0.386	9.8	3/16	0.187	4.7	13/64	0.200	5.1	3/64	0.054	1.4	1/4	0.250	6.4		
2175	3	3/8	0.375	9.5	3/16	0.188	4.8	11/64	0.172	4.4	3/64	0.047	1.2	1/4	0.250	6.4		
2178	1	3/8	0.375	9.5	3/16	0.188	4.8	3/16	0.188	4.8	1/32	0.031	0.8	1/4	0.250	6.4		
2179	3	3/8	0.375	9.5	3/16	0.188	4.8	3/16	0.188	4.8	1/16	0.063	1.6	1/4	0.250	6.4		
2968	3	25/64	0.386	9.8	3/16	0.188	4.8	3/16	0.199	5.1	3/64	0.052	1.3	1/4	0.250	6.4		
2961	1	7/16	0.438	11.1	5/32	0.156	4.0	3/8	0.375	9.5	3/32	0.094	2.4	1/4	0.250	6.4		
3363	5	7/16	0.446	11.3	3/16	0.188	4.8	1/4	0.255	6.5	3/32	0.095	2.4	1/4	0.255	6.5	25/64	0.383
3368	5	33/64	0.510	13.0	3/16	0.188	4.8	25/64	0.390	9.9	13/64	0.196	5.0	17/64	0.260	6.6	21/64	0.326
414	1	13/32	0.406	10.3	5/32	0.156	4.0	3/8	0.375	9.5	3/32	0.094	2.4	17/64	0.266	6.7		
2669	1	7/16	0.438	11.1	3/16	0.188	4.8	7/32	0.219	5.6	1/16	0.063	1.6	9/32	0.281	7.1		
2182	1	1/2	0.500	12.7	5/32	0.156	4.0	1/4	0.250	6.4	1/32	0.031	0.8	9/32	0.281	7.1		
3381	1	7/16	0.446	11.3	3/16	0.188	4.8	7/32	0.228	5.8	3/32	0.100	2.5	19/64	0.290	7.4		
2162	3	7/16	0.438	11.1	3/16	0.188	4.8	9/32	0.281	7.1	3/32	0.094	2.4	19/64	0.297	7.5		

Part No.	Fig. No.	A (O D)		B (I D)		C (THICKNESS)		D (GROOVE WIDTH)		E (GROOVE DIAMETER)		F (SEE DRAW)						
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch						
2629	1	13/32	0.406	10.3	3/16	0.187	4.7	17/64	0.270	6.9	7/64	0.102	2.6	19/64	0.296	7.5		
2163	1	25/64	0.400	10.2	13/64	0.200	5.1	3/16	0.180	4.6	1/16	0.060	1.5	19/64	0.300	7.6		
2919	1	13/32	0.412	10.5	3/16	0.187	4.7	9/32	0.275	7.0	1/16	0.060	1.5	5/16	0.312	7.9		
2684	5	9/16	0.563	14.3	1/4	0.250	6.4	1/4	0.250	6.4	1/16	0.063	1.6	5/16	0.313	7.9	3/8	0.375
2157	1	7/16	0.438	11.1	1/8	0.125	3.2	7/32	0.219	5.6	1/16	0.063	1.6	5/16	0.313	7.9		
2151	1	15/32	0.469	11.9	9/64	0.141	3.6	9/32	0.281	7.1	3/32	0.094	2.4	5/16	0.313	7.9		
2153	1	15/32	0.469	11.9	9/64	0.141	3.6	1/4	0.250	6.4	1/16	0.063	1.6	5/16	0.313	7.9		
215	1	7/16	0.438	11.1	3/16	0.187	4.7	7/32	0.219	5.6	1/16	0.063	1.6	5/16	0.313	7.9		
216	2	7/16	0.438	11.1	3/16	0.187	4.7	7/32	0.219	5.6	1/16	0.063	1.6	5/16	0.313	7.9		
415	1	7/16	0.438	11.1	3/16	0.187	4.7	1/4	0.250	6.4	3/32	0.094	2.4	5/16	0.313	7.9		
416	2	7/16	0.438	11.1	3/16	0.187	4.7	1/4	0.250	6.4	3/32	0.094	2.4	5/16	0.313	7.9		
AN931-3-5**	1	7/16	0.438	11.1	3/16	0.187	4.7	3/16	0.187	4.7	1/16	0.063	1.6	5/16	0.313	7.9		
2152	1	7/16	0.438	11.1	3/16	0.187	4.7	7/32	0.219	5.6	3/64	0.040	1.0	5/16	0.313	7.9		
2156	1	7/16	0.438	11.1	3/16	0.187	4.7	3/16	0.187	4.7	1/32	0.031	0.8	5/16	0.313	7.9		
2158	1	13/32	0.406	10.3	3/16	0.187	4.7	13/64	0.203	5.2	1/16	0.063	1.6	5/16	0.313	7.9		
2159	3	7/16	0.438	11.1	3/16	0.187	4.7	9/32	0.281	7.1	3/32	0.094	2.4	5/16	0.313	7.9		
2173	1	1/2	0.500	12.7	3/16	0.187	4.7	7/32	0.219	5.6	1/16	0.063	1.6	5/16	0.313	7.9		
2180	3	1/2	0.500	12.7	3/16	0.187	4.7	15/64	0.234	6.0	7/64	0.109	2.8	5/16	0.313	7.9		
2181	3	1/2	0.500	12.7	3/16	0.187	4.7	7/32	0.219	5.6	1/8	0.125	3.2	5/16	0.313	7.9		
2293	5	5/8	0.625	15.9	3/16	0.187	4.7	1/4	0.250	6.4	1/16	0.063	1.6	5/16	0.313	7.9	7/16	0.438
2155	1	7/16	0.438	11.1	13/64	0.200	5.1	1/4	0.250	6.4	3/64	0.050	1.3	5/16	0.313	7.9		
2185	4	1/2	0.500	12.7	13/64	0.203	5.2	21/64	0.328	8.3	3/64	0.047	1.2	5/16	0.313	7.9	5/32	0.160
2126	4	7/16	0.443	11.3	7/32	0.212	5.4	19/64	0.295	7.5	1/16	0.063	1.6	5/16	0.313	7.9	11/64	0.173
2118	1	7/16	0.438	11.1	7/32	0.219	5.6	9/32	0.281	7.1	1/8	0.125	3.2	5/16	0.313	7.9		
2154	1	15/32	0.469	11.9	7/32	0.219	5.6	1/8	0.125	3.2	1/32	0.031	0.8	5/16	0.313	7.9		
2160	1	7/16	0.438	11.1	7/32	0.219	5.6	3/16	0.187	4.7	1/16	0.063	1.6	5/16	0.313	7.9		
2189	4	1/2	0.500	12.7	7/32	0.219	5.6	5/16	0.313	7.9	3/64	0.047	1.2	5/16	0.313	7.9	11/64	0.172
2638	4	1/2	0.500	12.7	7/32	0.220	5.6	11/32	0.343	8.7	1/32	0.032	0.8	5/16	0.312	7.9		
2172	1	1/2	0.500	12.7	1/4	0.250	6.4	5/32	0.156	4.0	1/32	0.031	0.8	5/16	0.313	7.9		
2183	3	1/2	0.500	12.7	1/4	0.250	6.4	1/4	0.250	6.4	1/16	0.063	1.6	5/16	0.313	7.9		
3377	1	7/16	0.446	11.3	3/16	0.188	4.8	7/32	0.224	5.7	1/32	0.032	0.8	5/16	0.319	8.1		
3369	1	7/16	0.446	11.3	7/32	0.219	5.6	7/32	0.222	5.6	1/32	0.032	0.8	21/64	0.321	8.2		
3367	3	7/16	0.446	11.3	13/64	0.207	5.3	1/4	0.256	6.5	3/64	0.050	1.3	21/64	0.323	8.2		
2161	1	7/16	0.438	11.1	13/64	0.203	5.2	5/32	0.156	4.0	1/32	0.031	0.8	21/64	0.328	8.3		
2177	3	17/32	0.531	13.5	7/32	0.219	5.6	3/8	0.375	9.5	1/8	0.125	3.2	11/32	0.344	8.7		
3317	1	5/8	0.625	15.9	3/16	0.187	4.7	3/8	0.375	9.5	3/32	0.094	2.4	11/32	0.344	8.7		
2191	1	17/32	0.531	13.5	7/32	0.219	5.6	25/64	0.391	9.9	5/64	0.078	2.0	11/32	0.344	8.7		
219	1	33/64	0.515	13.1	7/32	0.219	5.6	13/32	0.406	10.3	3/32	0.094	2.4	11/32	0.344	8.7		
2192	3	17/32	0.531	13.5	7/32	0.218	5.5	3/8	0.375	9.5	1/16	0.063	1.6	11/32	0.344	8.7		
2176	1	1/2	0.500	12.7	1/4	0.250	6.4	3/16	0.188	4.8	1/16	0.063	1.6	11/32	0.344	8.7		
2538*	3	7/16	0.438	11.1	13/64	0.204	5.2	1/4	0.250	6.4	1/16	0.063	1.6	11/32	0.350	8.9		
2537*	3	7/16	0.438	11.1	7/32	0.225	5.7	1/4	0.250	6.4	1/16	0.063	1.6	11/32	0.350	8.9		
2171	1	1/2	0.500	12.7	3/16	0.187	4.7	3/16	0.188	4.8	1/32	0.031	0.8	3/8	0.375	9.5		
2174	1	1/2	0.500	12.7	3/32	0.093	2.4	3/16	0.188	4.8	1/16	0.063	1.6	3/8	0.375	9.5		
2116	1	17/32	0.531	13.5	1/8	0.125	3.2	1/4	0.250	6.4	1/16	0.063	1.6	3/8	0.375	9.5		

Part No.	Fig. No.	A (O D)		B (I D)		C (THICKNESS)		D (GROOVE WIDTH)		E (GROOVE DIAMETER)		F (SEE DRAW)						
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch						
217	1	33/64	0.525	13.3	3/16	0.187	4.7	7/32	0.219	5.6	1/16	0.063	1.6	3/8	0.375	9.5		
2641	4	9/16	0.563	14.3	7/32	0.218	5.5	3/8	0.375	9.5	3/64	0.047	1.2	3/8	0.375	9.5	1/4	0.250
203	4	9/16	0.563	14.3	1/4	0.250	6.4	9/32	0.281	7.1	1/16	0.063	1.6	3/8	0.375	9.5	5/32	0.156
220	1	9/16	0.563	14.3	1/4	0.250	6.4	1/4	0.250	6.4	1/16	0.063	1.6	3/8	0.375	9.5		
222	2	9/16	0.563	14.3	1/4	0.250	6.4	1/4	0.250	6.4	1/16	0.063	1.6	3/8	0.375	9.5		
320	2	9/16	0.563	14.3	1/4	0.250	6.4	5/16	0.313	7.9	1/8	0.125	3.2	3/8	0.375	9.5		
2036	4	1/2	0.500	12.7	1/4	0.250	6.4	21/32	0.656	16.7	3/64	0.050	1.3	3/8	0.375	9.5	1/2	0.500
2188	1	1/2	0.500	12.7	1/4	0.250	6.4	11/64	0.172	4.4	3/64	0.047	1.2	3/8	0.375	9.5		
2202	2	9/16	0.563	14.3	1/4	0.250	6.4	3/8	0.375	9.5	5/32	0.156	4.0	3/8	0.375	9.5		
2251	1	5/8	0.625	15.9	1/4	0.250	6.4	11/32	0.344	8.7	1/16	0.063	1.6	3/8	0.375	9.5		
2260	1	5/8	0.625	15.9	1/4	0.250	6.4	9/32	0.281	7.1	1/16	0.063	1.6	3/8	0.375	9.5		
3251	1	5/8	0.625	15.9	1/4	0.250	6.4	3/8	0.375	9.5	1/8	0.125	3.2	3/8	0.375	9.5		
3345	1	1/2	0.500	12.7	1/4	0.250	6.4	3/16	0.188	4.8	1/16	0.060	1.5	3/8	0.374	9.5		
2622	1	1/2	0.500	12.7	1/4	0.250	6.4	7/32	0.219	5.6	1/16	0.063	1.6	3/8	0.375	9.5		
2351	1	5/8	0.625	15.9	3/16	0.188	4.8	11/32	0.344	8.7	1/16	0.063	1.6	3/8	0.375	9.5		
2411	1	9/16	0.563	14.3	17/64	0.266	6.7	19/64	0.297	7.5	3/64	0.047	1.2	3/8	0.375	9.5	9/64	0.141
2212	1	9/16	0.563	14.3	9/32	0.281	7.1	1/4	0.250	6.4	1/32	0.031	0.8	3/8	0.375	9.5		
221	1	9/16	0.563	14.3	9/32	0.281	7.1	1/4	0.250	6.4	1/16	0.063	1.6	3/8	0.375	9.5		
321	1	9/16	0.563	14.3	9/32	0.281	7.1	5/16	0.313	7.9	1/8	0.125	3.2	3/8	0.375	9.5		
2662***	5	3/4	0.750	19.1	3/16	0.188	4.8	5/8	0.625	15.9	11/64	0.172	4.4	3/8	0.375	9.5	33/64	0.516
2991	1	1/2	0.500	12.7	1/4	0.250	6.4	1/4	0.250	6.4	1/8	0.125	3.2	3/8	0.375	9.5		
2981	1	5/8	0.625	15.9	3/16	0.188	4.8	3/8	0.375	9.5	3/16	0.188	4.8	3/8	0.375	9.5		
2186	3	1/2	0.500	12.7	7/32	0.219	5.6	1/4	0.250	6.4	3/64	0.047	1.2	3/8	0.380	9.7		
2187	3	1/2	0.500	12.7	9/32	0.281	7.1	1/4	0.250	6.4	3/64	0.047	1.2	3/8	0.380	9.7		
3371	1	41/64	0.635	16.1	15/64	0.234	5.9	3/8	0.380	9.7	3/16	0.190	4.8	3/8	0.382	9.7		
2203	1	37/64	0.578	14.7	9/32	0.285	7.2	5/16	0.313	7.9	1/16	0.055	1.4	25/64	0.391	9.9		
2631	5	9/16	0.563	14.3	9/64	0.141	3.6	31/64	0.484	12.3	1/8	0.125	3.2	25/64	0.391	9.9	29/64	0.453
523	1	19/32	0.594	15.1	1/4	0.250	6.4	11/64	0.172	4.4	3/64	0.047	1.2	13/32	0.406	10.3		
2039	4	21/32	0.656	16.7	1/4	0.250	6.4	3/8	0.375	9.5	1/16	0.063	1.6	13/32	0.406	10.3	7/32	0.218
2211	1	9/16	0.563	14.3	9/32	0.285	7.2	1/4	0.250	6.4	1/16	0.063	1.6	13/32	0.406	10.3		
3372-2	4	9/16	0.571	14.5	9/32	0.281	7.1	3/8	0.386	9.8	5/64	0.080	2.0	27/64	0.416	10.6	13/64	0.194
2627	1	5/8	0.625	15.9	1/4	0.255	6.5	9/32	0.280	7.1	3/32	0.093	2.4	27/64	0.425	10.8		
2213	1	37/64	0.578	14.7	9/32	0.285	7.2	5/16	0.313	7.9	1/16	0.055	1.4	7/16	0.437	11.1		
2417	1	5/8	0.625	15.9	Solid			3/16	0.188	4.8	1/16	0.063	1.6	7/16	0.437	11.1		
2253	1	5/8	0.625	15.9	3/32	0.094	2.4	1/4	0.250	6.4	3/64	0.047	1.2	7/16	0.437	11.1		
2262	1	5/8	0.625	15.9	9/64	0.141	3.6	1/4	0.250	6.4	3/64	0.047	1.2	7/16	0.437	11.1		
2642	1	5/8	0.625	15.9	5/32	0.156	4.0	13/64	0.203	5.2	3/64	0.047	1.2	7/16	0.437	11.1		
2201	1	9/16	0.563	14.3	3/16	0.188	4.8	3/8	0.375	9.5	1/8	0.125	3.2	7/16	0.437	11.1		
2034	4	9/16	0.563	14.3	3/16	0.188	4.8	27/64	0.422	10.7	3/64	0.047	1.2	7/16	0.437	11.1	9/32	0.281
2254	1	5/8	0.625	15.9	7/32	0.219	5.6	11/64	0.172	4.4	3/64	0.047	1.2	7/16	0.437	11.1		
AN931-4-7**	1	5/8	0.625	15.9	1/4	0.250	6.4	3/16	0.188	4.8	1/16	0.063	1.6	7/16	0.437	11.1		
2664	3	5/8	0.625	15.9	1/4	0.250	6.4	3/8	0.375	9.5	1/8	0.125	3.2	7/16	0.437	11.1		
2292	5	5/8	0.625	15.9	1/4	0.250	6.4	29/64	0.453	11.5	1/8	0.125	3.2	7/16	0.437	11.1	9/16	0.562
2255	1	5/8	0.625	15.9	17/64	0.266	6.7	5/16	0.313	7.9	1/16	0.063	1.6	7/16	0.437	11.1		
2128	5	47/64	0.740	18.8	21/64	0.322	8.2	23/32	0.719	18.3	17/64	0.265	6.7	7/16	0.437	11.1	19/32	0.595

Part No.	Fig. No.	A (O D)		B (I D)		C (THICKNESS)		D (GROOVE WIDTH)		E (GROOVE DIAMETER)		F (SEE DRAW)						
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch						
2290	5	11/16	0.688	17.5	17/64	0.266	6.7	1/4	0.250	6.4	1/16	0.063	1.6	7/16	0.437	11.1	9/16	0.562
324	1	19/32	0.594	15.1	5/16	0.313	7.9	3/8	0.375	9.5	1/8	0.125	3.2	7/16	0.437	11.1		
2252	1	5/8	0.625	15.9	5/16	0.313	7.9	1/4	0.250	6.4	1/16	0.063	1.6	7/16	0.437	11.1		
40000	1	5/8	0.625	15.9	5/16	0.313	7.9	1/4	0.250	6.4	1/16	0.063	1.6	7/16	0.437	11.1		
2352	1	5/8	0.625	15.9	5/16	0.313	7.9	7/32	0.219	5.6	1/32	0.031	0.8	7/16	0.437	11.1		
3241	1	19/32	0.594	15.1	5/16	0.313	7.9	11/32	0.344	8.7	3/32	0.0937	23.8	7/16	0.437	11.1		
2204	3	9/16	0.563	14.3	7/32	0.213	5.4	5/16	0.313	7.9	1/16	0.063	1.6	7/16	0.442	11.2		
3378	1	41/64	0.638	16.2	5/16	0.313	7.9	21/64	0.320	8.1	3/32	0.096	2.4	7/16	0.446	11.3		
2256	3	5/8	0.625	15.9	11/64	0.172	4.4	5/16	0.313	7.9	1/16	0.063	1.6	15/32	0.469	11.9		
2356	3	5/8	0.625	15.9	11/64	0.172	4.4	9/32	0.281	7.1	1/32	0.031	0.8	15/32	0.469	11.9		
233	3	5/8	0.625	15.9	17/64	0.172	4.4	3/8	0.375	9.5	1/8	0.125	3.2	15/32	0.469	11.9		
1100	5	3/4	0.750	19.1	17/64	0.172	4.4	1/4	0.250	6.4	1/32	0.035	0.9	15/32	0.469	11.9	5/8	0.625
2667	1	3/4	0.750	19.1	5/16	0.313	7.9	11/32	0.344	8.7	3/32	0.094	2.4	15/32	0.469	11.9		
2259	3	5/8	0.625	15.9	17/64	0.172	4.4	5/16	0.313	7.9	1/16	0.063	1.6	15/32	0.469	11.9		
2214	1	37/64	0.578	14.7	9/32	0.285	7.2	5/16	0.313	7.9	1/16	0.055	1.4	15/32	0.469	11.9		
2635	5	19/32	0.590	15.0	23/64	0.362	9.2	5/32	0.156	4.0	1/32	0.031	0.8	31/64	0.480	12.2	33/64	0.510
2690	1	3/4	0.750	19.1	5/16	0.313	7.9	21/64	0.330	8.4	3/32	0.091	2.3	31/64	0.484	12.3		
2674	4	3/4	0.750	19.1	23/64	0.359	9.1	41/64	0.641	16.3	1/8	0.125	3.2	31/64	0.484	12.3	3/8	0.375
3370	5	49/32	1.530	38.9	5/16	0.313	7.9	23/64	0.357	9.1	17/64	0.255	6.5	1/2	0.495	12.6	49/64	0.765
2038	3	11/16	0.688	17.5	3/16	0.188	4.8	3/8	0.375	9.5	1/8	0.125	3.2	1/2	0.500	12.7		
3342	1	11/16	0.688	17.5	13/32	0.406	10.3	1/4	0.250	6.4	3/32	0.094	2.4	1/2	0.500	12.7		
2040	5	7/8	0.875	22.2	1/4	0.250	6.4	3/8	0.375	9.5	4/57	0.070	1.8	1/2	0.500	12.7	3/4	0.750
2257	1	5/8	0.625	15.9	1/4	0.250	6.4	17/32	0.531	13.5	9/32	0.281	7.1	1/2	0.500	12.7		
1223	5	7/8	0.875	22.2	5/16	0.313	7.9	7/16	0.438	11.1	3/32	0.094	2.4	1/2	0.500	12.7	5/8	0.625
2672	5	11/16	0.688	17.5	3/16	0.188	4.8	23/32	0.719	18.3	1/16	0.063	1.6	1/2	0.500	12.7	7/16	0.438
2033	4	11/16	0.688	17.5	5/16	0.313	7.9	27/64	0.422	10.7	5/64	0.078	2.0	1/2	0.500	12.7	1/4	0.250
2937	1	11/16	0.988	25.1	7/64	0.109	2.8	9/32	0.281	7.1	3/64	0.046	1.2	1/2	0.500	12.7		
224	2	5/8	0.625	15.9	3/8	0.375	9.5	1/4	0.250	6.4	1/16	0.063	1.6	1/2	0.500	12.7		
225	1	5/8	0.625	15.9	3/8	0.375	9.5	1/4	0.250	6.4	1/16	0.063	1.6	1/2	0.500	12.7		
325	2	5/8	0.625	15.9	3/8	0.375	9.5	5/16	0.313	7.9	1/8	0.125	3.2	1/2	0.500	12.7		
AN930-1	1	11/16	0.688	17.5	3/8	0.375	9.5	9/32	0.281	7.1	1/16	0.063	1.6	1/2	0.500	12.7		
2035	4	11/16	0.688	17.5	3/8	0.375	9.5	19/64	0.297	7.5	3/64	0.050	1.3	1/2	0.500	12.7	3/16	0.375
2250	1	5/8	0.625	15.9	3/8	0.375	9.5	1/4	0.250	6.4	3/64	0.050	1.3	1/2	0.500	12.7		
2678	4	3/4	0.750	19.1	7/32	0.219	5.6	5/8	0.625	15.9	1/16	0.063	1.6	1/2	0.500	12.7	1/2	0.500
2967	1	3/4	0.750	19.1	3/8	0.375	9.5	1/2	0.500	12.7	1/4	0.250	6.4	1/2	0.500	12.7		
3373	3	41/64	0.638	16.2	3/8	0.375	9.5	13/32	0.412	10.5	1/8	0.126	3.2	1/2	0.510	13.0		
2115	3	47/64	0.734	18.7	13/64	0.203	5.2	31/64	0.484	12.3	7/64	0.109	2.8	33/64	0.516	13.1		
2117	3	5/8	0.625	15.9	11/32	0.350	8.9	19/64	0.297	7.5	3/16	0.188	4.8	33/64	0.516	13.1		
3261	1	3/4	0.750	19.1	5/16	0.313	7.9	9/16	0.563	14.3	3/16	0.188	4.8	17/32	0.531	13.5		
3262	1	3/4	0.750	19.1	5/16	0.313	7.9	7/16	0.438	11.1	1/16	0.063	1.6	17/32	0.531	13.5		
1109	S**	3/4	0.750	19.1	3/8	0.375	9.5	1/2	0.500	12.7	1/8	0.125	3.2	17/32	0.531	13.5		
2258	1	5/8	0.625	15.9	3/8	0.375	9.5	11/32	0.344	8.7	1/16	0.063	1.6	17/32	0.531	13.5		
3324	3	25/32	0.788	20.0	21/64	0.335	8.5	35/64	0.551	14.0	5/64	0.079	2.0	35/64	0.552	14.0		
2660	3	5/8	0.625	15.9	5/16	0.313	7.9	3/16	0.188	4.8	1/16	0.063	1.6	9/16	0.563	14.3		
AN931-2-9**	1	3/4	0.750	19.1	1/8	0.125	3.2	3/16	0.188	4.8	1/16	0.063	1.6	9/16	0.563	14.3		

Part No.	Fig. No.	A (O D)				B (I D)				C (THICKNESS)				D (GROOVE WIDTH)				E (GROOVE DIAMETER)				F (SEE DRAW)	
		Inch		mm		Inch		mm		Inch		mm		Inch		mm		Inch		Inch			
AN931-3-9**	1	3/4	0.750	19.1	3/16	0.188	4.8	3/16	0.188	4.8	1/16	0.063	1.6	9/16	0.563	14.3							
2261	1	3/4	0.750	19.1	1/4	0.250	6.4	11/64	0.172	4.4	1/16	0.063	1.6	9/16	0.563	14.3							
AN931-5-9**	1	13/16	0.813	20.6	5/16	0.313	7.9	5/16	0.313	7.9	1/16	0.063	1.6	9/16	0.563	14.3							
226	1	23/32	0.719	18.3	21/64	0.328	8.3	5/16	0.313	7.9	1/16	0.063	1.6	9/16	0.563	14.3							
232	1	13/16	0.813	20.6	3/8	0.375	9.5	3/16	0.313	7.9	1/16	0.063	1.6	9/16	0.563	14.3							
AN930-2	1	3/4	0.750	19.1	3/8	0.375	9.5	3/8	0.375	9.5	1/16	0.063	1.6	9/16	0.563	14.3							
AN930-3	1	3/4	0.750	19.1	3/8	0.375	9.5	3/4	0.750	19.1	3/8	0.375	9.5	9/16	0.563	14.3							
1101	1	3/4	0.750	19.1	7/16	0.438	11.1	1/4	0.250	6.4	1/16	0.063	1.6	9/16	0.563	14.3							
2037	4	3/4	0.750	19.1	7/16	0.438	11.1	1/4	0.250	6.4	1/16	0.063	1.6	9/16	0.563	14.3	5/32	0.156					
2263	1	3/4	0.750	19.1	7/16	0.438	11.1	1/4	0.250	6.4	5/64	0.080	2.0	9/16	0.563	14.3							
2989	1	13/16	0.813	20.6	3/8	0.375	9.5	3/8	0.375	9.5	3/16	0.188	4.8	9/16	0.563	14.3							
2971	3	11/16	0.688	17.5	7/16	0.438	11.1	3/8	0.375	9.5	3/16	0.188	4.8	9/16	0.563	14.3							
2903	1	13/16	0.812	20.6	1/4	0.250	6.4	1/2	0.500	12.7	1/4	0.255	6.5	9/16	0.562	14.3							
2123	3	3/4	0.750	19.1	3/8	0.375	9.5	9/16	0.563	14.3	3/8	0.375	9.5	19/32	0.594	15.1							
2114	1	3/4	0.750	19.1	7/16	0.438	11.1	3/8	0.375	9.5	3/64	0.050	1.3	19/32	0.594	15.1							
230	1	13/16	0.813	20.6	1/2	0.500	12.7	9/32	0.281	7.1	1/16	0.063	1.6	5/8	0.625	15.9							
231	2	13/16	0.813	20.6	1/2	0.500	12.7	9/32	0.281	7.1	1/16	0.063	1.6	5/8	0.625	15.9							
330	2	13/16	0.813	20.6	1/2	0.500	12.7	11/32	0.344	8.7	1/8	0.125	3.2	5/8	0.625	15.9							
AN931-3-10**	1	7/8	0.875	22.2	3/16	0.188	4.8	3/16	0.188	4.8	1/16	0.063	1.6	5/8	0.625	15.9							
AN931-6-10**	1	7/8	0.875	22.2	3/8	0.375	9.5	5/16	0.313	7.9	1/16	0.063	1.6	5/8	0.625	15.9							
2274	1	7/8	0.875	22.2	5/16	0.313	7.9	5/16	0.313	7.9	1/16	0.063	1.6	5/8	0.625	15.9							
2271	1	7/8	0.875	22.2	3/8	0.375	9.5	5/16	0.313	7.9	1/16	0.063	1.6	5/8	0.625	15.9							
2273	3	15/16	0.938	23.8	3/8	0.375	9.5	17/32	0.531	13.5	5/32	0.156	4.0	5/8	0.625	15.9							
2275	1	7/8	0.875	22.2	3/8	0.375	9.5	5/16	0.313	7.9	1/16	0.070	1.8	5/8	0.625	15.9							
2934	4	7/8	0.875	22.2	21/64	0.328	8.3	15/32	0.469	11.9	1/16	0.063	1.6	5/8	0.625	15.9	1/4	0.250					
3341	2	13/16	0.811	20.6	1/2	0.500	12.7	11/32	0.343	8.7	1/8	0.125	3.2	5/8	0.626	15.9							
3359	3	15/16	0.937	23.8	21/64	0.335	8.5	17/32	0.531	13.5	5/32	0.157	4.0	5/8	0.626	15.9							
2119	1	27/32	0.844	21.4	3/16	0.188	4.8	5/16	0.313	7.9	1/16	0.063	1.6	21/32	0.656	16.7							
2272	1	7/8	0.875	22.2	5/16	0.313	7.9	11/32	0.344	8.7	3/32	0.094	2.4	11/16	0.688	17.5							
3339	3	9/16	0.563	14.3	7/16	0.438	11.1	11/32	0.344	8.7	5/32	0.156	4.0	11/16	0.688	17.5							
2994	1	15/16	0.938	23.8	3/8	0.375	9.5	3/8	0.375	9.5	1/8	0.125	3.2	11/16	0.688	17.5							
AN931-7-11**	1	15/16	0.938	23.8	7/16	0.438	11.1	5/16	0.313	7.9	1/16	0.063	1.6	11/16	0.688	17.5							
2984	1	1	1.000	25.4	1/2	0.500	12.7	1/2	0.500	12.7	1/8	0.125	3.2	3/4	0.750	19.1							
AN931-4-12**	1	1	1.000	25.4	1/4	0.250	6.4	1/4	0.250	6.4	1/16	0.063	1.6	3/4	0.750	19.1							
2125	1	1	1.000	25.4	5/16	0.313	7.9	11/32	0.344	8.7	3/32	0.094	2.4	3/4	0.750	19.1							
AN931-5-12**	1	1	1.000	25.4	5/16	0.313	7.9	5/16	0.313	7.9	1/16	0.063	1.6	3/4	0.750	19.1							
1113	1	1 1/16	1.063	27.0	5/16	0.313	7.9	1/2	0.500	12.7	5/32	0.156	4.0	3/4	0.750	19.1							
AN930-4	1	1	1.000	25.4	1/2	0.500	12.7	9/32	0.281	7.1	3/32	0.094	2.4	3/4	0.750	19.1							
AN930-41	1	1	1.000	25.4	1/2	0.500	12.7	1/4	0.250	6.4	1/16	0.063	1.6	3/4	0.750	19.1							
AN930-42	1	1	1.000	25.4	1/2	0.500	12.7	5/16	0.313	7.9	1/8	0.125	3.2	3/4	0.750	19.1							
2648	3	1	1.000	25.4	1/2	0.500	12.7	7/16	0.438	11.1	3/16	0.188	4.8	3/4	0.750	19.1							
2933	1	1	1.000	25.4	1/2	0.500	12.7	5/8	0.625	15.9	3/8	0.375	9.5	3/4	0.750	19.1							
AN931-5-13**	1	1 1/16	1.063	27.0	5/16	0.313	7.9	5/16	0.313	7.9	1/16	0.063	1.6	13/16	0.813	20.6							
1112	3	1 1/16	1.063	27.0	5/16	0.313	7.9	5/16	0.313	7.9	1/16	0.063	1.6	13/16	0.813	20.6							
AN931-8-13**	1	1 1/16	1.063	27.0	1/2	0.500	12.7	5/16	0.313	7.9	1/16	0.063	1.6	13/16	0.813	20.6							

Part No.	Fig. No.	A (O D)			B (I D)			C (THICKNESS)			D (GROOVE WIDTH)			E (GROOVE DIAMETER)			F (SEE DRAW)	
		Inch		mm	Inch		mm	Inch		mm	Inch		mm	Inch		mm	Inch	
1102	1	1 1/16	1.063	27.0	1/2	0.500	12.7	5/16	0.313	7.9	1/16	0.063	1.6	13/16	0.813	20.6		
1110	1	1 1/16	1.063	27.0	1/2	0.500	12.7	11/32	0.344	8.7	1/8	0.125	3.2	13/16	0.813	20.6		
2654	3	1 1/16	1.063	27.0	1/2	0.500	12.7	13/16	0.813	20.6	1/2	0.500	12.7	13/16	0.813	20.6		
AN931-9-13**	1	1 1/16	1.063	27.0	9/16	0.563	14.3	5/16	0.313	7.9	1/16	0.063	1.6	13/16	0.813	20.6		
2301	1	1 1/16	1.063	27.0	11/16	0.688	17.5	1/4	0.250	6.4	1/16	0.063	1.6	13/16	0.813	20.6		
1118	1	1 1/8	1.125	28.6	1/2	0.500	12.7	5/16	0.302	7.7	1/16	0.063	1.6	7/8	0.875	22.2		
AN931-10-14**	1	1 1/8	1.125	28.6	5/8	0.625	15.9	5/16	0.313	7.9	1/16	0.063	1.6	7/8	0.875	22.2		
40130	1	1 1/8	1.125	28.6	5/8	0.625	15.9	5/16	0.313	7.9	1/16	0.063	1.6	7/8	0.875	22.2		
1103	1	1 1/8	1.125	28.6	5/8	0.625	15.9	5/16	0.313	7.9	1/16	0.063	1.6	7/8	0.875	22.2		
1117	1	1 1/8	1.125	28.6	3/4	0.750	19.1	9/32	0.281	7.1	1/16	0.063	1.6	7/8	0.875	22.2		
1107	1	1 1/8	1.125	28.6	25/32	0.775	19.7	5/16	0.313	7.9	3/32	0.094	2.4	15/16	0.938	23.8		
1105	1	1 5/32	1.160	29.5	13/16	0.813	20.6	1/4	0.250	6.4	3/64	0.046	1.2	15/16	0.938	23.8		
1224	2	1 3/16	1.188	30.2	13/16	0.813	20.6	25/32	0.781	19.8	1/2	0.500	12.7	15/16	0.938	23.8		
40210	1	1 1/4	1.250	31.8	13/16	0.813	20.6	7/8	0.875	22.2	9/16	0.563	14.3	15/16	0.938	23.8		
2982	1	1 1/8	1.125	28.6	Note 1			1/4	0.250	6.4	1/16	0.063	1.6	15/16	0.938	23.8		
2995	1	1 1/8	1.125	28.6	Note 2			1/4	0.250	6.4	1/16	0.063	1.6	15/16	0.938	23.8		
AN931-2-16**	1	1 1/4	1.250	31.8	1/8	0.125	3.2	1/4	0.250	6.4	1/16	0.063	1.6	1	1.000	25.4		
2122	S	1 1/4	1.250	31.8	3/16	0.188	4.8	5/16	0.313	7.9	1/16	0.063	1.6	1	1.000	25.4		
AN931-4-16**	1	1 1/4	1.250	31.8	1/4	0.250	6.4	1/4	0.250	6.4	1/16	0.063	1.6	1	1.000	25.4		
AN931-6-16**	1	1 1/4	1.250	31.8	3/8	0.375	9.5	1/4	0.250	6.4	1/16	0.063	1.6	1	1.000	25.4		
1108	1	1 1/4	1.250	31.8	1/2	0.500	12.7	1/4	0.250	6.4	1/16	0.063	1.6	1	1.000	25.4		
AN931-11-16**	1	1 5/16	1.313	33.3	11/16	0.688	17.5	3/8	0.375	9.5	1/16	0.063	1.6	1	1.000	25.4		
2983	1	1 1/4	1.250	31.8	1/2	0.500	12.7	5/16	0.313	7.9	1/8	0.125	3.2	1	1.000	25.4		
AN931-12-17**	1	1 3/8	1.375	34.9	3/4	0.750	19.1	3/8	0.375	9.5	1/16	0.063	1.6	1 1/16	1.063	27.0		
3334	1	1 3/8	1.375	34.9	7/8	0.875	22.2	1/8	0.133	3.4	9/64	0.141	3.6	1 3/16	1.188	30.2		
1116	3	1 1/2	1.500	38.1	1/4	0.250	6.4	7/16	0.438	11.1	1/16	0.063	1.6	1 3/16	1.188	30.2		
1106	3	1 1/2	1.500	38.1	1/4	0.250	6.4	7/16	0.438	11.1	1/16	0.063	1.6	1 1/4	1.250	31.8		
AN931-8-20**	1	1 1/2	1.500	38.1	1/2	0.500	12.7	1/4	0.250	6.4	1/16	0.063	1.6	1 1/4	1.250	31.8		
AN931-10-20**	1	1 1/2	1.500	38.1	5/8	0.625	15.9	1/4	0.250	6.4	1/16	0.063	1.6	1 1/4	1.250	31.8		
AN931-12-20**	1	1 5/8	1.625	41.3	3/4	0.750	19.1	1/4	0.250	6.4	1/16	0.063	1.6	1 1/4	1.250	31.8		
AN930-21	1	1 9/16	1.563	39.7	7/8	0.875	22.2	3/4	0.750	19.1	3/16	0.188	4.8	1 1/4	1.250	31.8		
AN931-14-20**	1	1 5/8	1.625	41.3	7/8	0.875	22.2	7/16	0.438	11.1	1/16	0.063	1.6	1 1/4	1.250	31.8		
40050	1	1 5/8	1.625	41.3	7/8	0.875	22.2	7/16	0.438	11.1	1/16	0.063	1.6	1 1/4	1.250	31.8		
40080	1	1 5/8	1.625	41.3	7/8	0.875	22.2	1/2	0.500	12.7	1/8	0.125	3.2	1 1/4	1.250	31.8		
AN931-16-22**	1	1 3/4	1.750	44.5	1	1.000	25.4	7/16	0.438	11.1	1/16	0.063	1.6	1 3/8	1.375	34.9		
2651	1	1 3/4	1.750	44.5	11/16	0.688	17.5	1/2	0.500	12.7	1/8	0.125	3.2	1 3/8	1.375	34.9		
AN931-12-23**	1	1 13/16	1.813	46.0	3/4	0.750	19.1	3/8	0.375	9.5	1/16	0.063	1.6	1 7/16	1.438	36.5		
40070	1	1 7/8	1.875	47.6	1 1/8	1.125	28.6	3/8	0.375	9.5	1/16	0.063	1.6	1 1/2	1.500	38.1		
2929	1	1 7/8	1.875	47.6	1 1/4	1.250	31.8	3/8	0.375	9.5	1/16	0.063	1.6	1 5/8	1.625	41.3		
AN931-12-26**	1	2	2.000	50.8	3/4	0.750	19.1	3/8	0.375	9.5	1/16	0.063	1.6	1 5/8	1.625	41.3		
AN931-14-26**	1	2	2.000	50.8	7/8	0.875	22.2	7/16	0.438	11.1	1/16	0.063	1.6	1 5/8	1.625	41.3		
2634	1	2	2.000	50.8	1 19/64	1.290	32.8	7/16	0.438	11.1	1/8	0.125	3.2	1 5/8	1.625	41.3		
3366	1	1 29/32	1.913	48.6	1 9/32	1.275	32.4	37/64	0.573	14.6	1/4	0.255	6.5	1 21/32	1.658	42.1		
AN931-24-28**	1	2 1/8	2.125	54.0	1 1/2	1.500	38.1	7/16	0.438	11.1	1/16	0.063	1.6	1 3/4	1.750	44.5		
1104	1	2 1/8	2.125	54.0	1 1/2	1.500	38.1	7/16	0.438	11.1	1/16	0.063	1.6	1 3/4	1.750	44.5		

Part No.	Fig. No.	A (O D)		B (I D)		C (THICKNESS)		D (GROOVE WIDTH)		E (GROOVE DIAMETER)		F (SEE DRAW)						
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch						
AN931-16-30**	1	2 1/4	2.250	57.2	1	1.000	25.4	7/16	0.438	11.1	1/16	0.063	1.6	1 7/8	1.875	47.6		
AN931-A20-38**	1	2 3/4	2.750	69.9	1 1/4	1.250	31.8	1/2	0.500	12.7	1/8	0.125	3.2	2 3/8	2.375	60.3		
40020	1	2 3/4	2.750	69.9	1 1/8	1.125	28.6	1/2	0.500	12.7	1/8	0.125	3.2	2 3/8	2.375	60.3		
AN931-A20-40**	1	2 7/8	2.875	73.0	1 1/4	1.250	31.8	1/2	0.500	12.7	1/8	0.125	3.2	2 1/2	2.500	63.5		
AN931-24-44**	1	3 1/4	3.250	82.6	1 1/2	1.500	38.1	7/16	0.438	11.1	1/16	0.063	1.6	2 3/4	2.750	69.9		
2472	5-I	1	1.000	25.4	5/16	0.313	8.0	5/8	0.625	15.9	3/16	0.188	4.8	7/16	0.438	11.1	5/8	0.625
2511	5-I	1	1.000	25.4	5/16	0.313	7.9	19/32	0.594	15.1	5/32	0.156	4.0	7/16	0.438	11.1	5/8	0.625
2406	5-I	5/8	0.625	15.9	3/16	0.188	4.8	9/16	0.563	14.3	5/16	0.313	7.9	3/8	0.375	9.5	1/2	0.500
2516	5-I	1/2	0.500	12.7	5/32	0.156	4.0	29/64	0.453	11.5	3/16	0.188	4.8	15/67	0.224	5.7	9/32	0.281
2443	5-I	7/16	0.438	11.1	3/16	0.188	4.8	3/8	0.375	9.5	3/16	0.188	4.8	1/4	0.250	6.4	5/16	0.313
2469	5-I	5/16	0.313	7.9	4/43	0.093	2.4	20/93	0.215	5.5	4/87	0.046	1.2	11/47	0.234	5.9	22/83	0.265
2429	5-I	1/2	0.500	12.7	7/32	0.219	5.6	7/16	0.438	11.1	1/16	0.063	1.6	5/16	0.313	7.9	7/16	0.438
2426	5-I	1/2	0.500	12.7	10/69	0.145	3.7	11/32	0.344	8.7	1/16	0.063	1.6	1/4	0.250	6.4	3/8	0.375
2526	5-I	33/50	0.660	16.8	11/50	0.220	5.6	6/25	0.240	6.1	4/57	0.070	1.8	22/71	0.310	7.9	16/39	0.410
2592	5-I	11/16	0.687	17.4	1/4	0.250	6.4	22/83	0.265	6.7	1/20	0.050	1.3	5/16	0.312	7.9	3/8	0.375
2590	5-I	18/25	0.720	18.3	2/5	0.400	10.2	3/13	0.230	5.8	1/25	0.040	1.0	4/9	0.445	11.3	44/83	0.530
2501	5-I	1 3/16	1.188	30.2	5/8	0.625	15.9	5/16	0.313	7.9	1/16	0.063	1.6	7/8	0.875	22.2	1 3/32	1.094
2625	5-I	1 3/16	1.188	30.2	5/8	0.625	15.9	5/16	0.313	8.0	1/16	0.063	1.6	7/8	0.875	22.2	1 3/32	1.094
2548	1-I	2/5	0.400	10.2	1/5	0.201	5.1	17/50	0.340	8.6	5/41	0.122	3.1	11/40	0.275	7.0	1/10	0.100
2507	5-I	5/16	0.313	7.9	3/16	0.187	4.7	7/40	0.175	4.4	4/87	0.046	1.2	11/47	0.234	5.9	22/83	0.265
3305	3-I	39/55	0.709	18.0	15/49	0.306	7.8	21/41	0.512	13.0	1/18	0.056	1.4	21/41	0.512	13.0		
1109	1-I	3/4	0.750	19.1	3/8	0.375	9.5	1/2	0.500	12.7	1/8	0.125	3.2	17/32	0.531	13.5		
2626	1-I	1 3/4	1.750	44.5	1	1.000	25.4	5/16	0.312	7.9	1/16	0.062	1.6	1 3/8	1.375	34.9		
2904	1-I	15/16	0.938	23.8	5/8	0.625	15.9	9/32	0.281	7.1	3/32	0.094	2.4	3/4	0.750	19.1		
2917	1-I	1 1/4	1.250	31.8	9/16	0.563	14.3	3/8	0.375	9.5	5/32	0.156	4.0	7/8	0.875	22.2		
3308	1-I	5/8	0.625	15.9	12/49	0.245	6.2	3/8	0.375	9.5	3/16	0.188	4.8	3/8	0.375	9.5		
3312	3-I	16/41	0.390	9.9	15/82	0.183	4.6	7/24	0.292	7.4	8/87	0.092	2.3	2/9	0.223	5.7		
3316	1-I	1/2	0.500	12.7	1/4	0.250	6.4	1/4	0.250	6.4	3/32	0.094	2.4	3/8	0.375	9.5		
3335	5-I	1 1/2	1.500	38.1	5/8	0.625	15.9	5/8	0.625	15.9	1/8	0.125	3.2	1 5/32	1.156	29.4	1 3/8	1.376
1109	1-I	3/4	0.750	19.1	3/8	0.375	9.5	1/2	0.500	12.7	1/8	0.125	3.2	17/32	0.531	13.5		
*ID is chamfered	Fig. No. 1 = Irregular	**Other D dimensions available		***Squared corners		Note 1-3/4" Webbed ID with slit		Note 2-3/4" Webbed ID with <i>no slit</i>										

(ING)
mm
5.2
6.7
9.5
5.6
9.4
9.7
8.3

ING)
mm
6.4
4.0
12.7
3.6
13.1
11.5
5.5
4.9
7.1
14.3
15.1

ING)
mm
15.9
15.9
12.7
7.1
7.9
6.7
11.1
9.5
10.4
9.5
13.5
27.8
27.8
2.5
6.7
35.0