

Drive Tighteners



Malleable

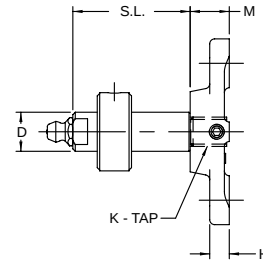
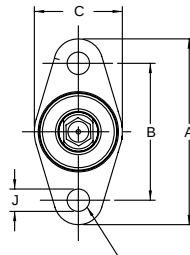


Table No. 1 Fixed Flange Tighteners

Part No.	Shaft	DIMENSIONS										Wt. Lbs.
		A	B▲	C	D	H	J▲	K	M	S.L.	* S▲	
FFTN1	N1①	2 3/8"	1 3/4"	1 1/8"	.500"	1/4"	9/32"	3/8 - 16	1/2"	1 1/2"	1/4"	.3
FFTH	None②	4	3	2	-	1/2	9/16	1/2 - 13	15/16	-	3/8	.9
FFTP	None②	4	3	2	-	1/2	9/16	5/8 - 11	15/16	-	3/8	.9
FFTQ	None②	4	3	2	-	1/2	9/16	3/4 - 10	15/16	-	3/8	.8
FFTQ	N2③	4	3	2	1.000	1/2	9/16	3/4 - 10	15/16	2 1/8	3/8	1.6
FFTQ	N3③	4	3	2	1.000	1/2	9/16	3/4 - 10	15/16	3 1/8	3/8	1.8
FFTQ	N4③	4	3	2	1.000	1/2	9/16	3/4 - 10	15/16	4 1/8	3/8	2.1
FFTQ-1	None②	7 1/2	6	3 1/2	-	3/4	15/16	1 - 8	1 7/16	-	5/8	4.8
FFTQ-1	N5③	7 1/2	6	3 1/2	1.500	3/4	15/16	1 - 8	1 7/16	4	5/8	7.3
FFTQ-1	N6③	7 1/2	6	3 1/2	1.500	3/4	15/16	1 - 8	1 7/16	6	5/8	8.5

▲ Holes are cast, some variations maybe expected.

① Shaft is included.

② No shaft is required when used with Idler Bushings shown on page 159.

③ Shaft must be ordered separately.

Table No. 2 Tighteners Shafts



Part No.	DIMENSIONS					Wt. Lbs.
	O.L.	D	K	T	S.L.	
N1	2 5/16"	.500"	3/8 - 16	7/16"	1 1/2"	.13
N2	3 3/8	1.000	3/4 - 10	7/8	2 1/8	.6
N3	4 3/8	1.000	3/4 - 10	7/8	3 1/8	.9
N4	5 1/8	1.000	3/4 - 10	7/8	4 1/8	1.0
N5	5 11/16	1.500	1 - 8	1 5/16	4	2.8
N6	7 11/16	1.500	1 - 8	1 5/16	6	3.8



Table No. 3 Flat Face Idlers

Part No.	Type	Shaft	DIMENSIONS									Wt. Lbs.	Radial Load Capacity in Pounds Based on 2500 Hours Average Life at rpm Shown							
		Length	O.D.	D	B	H	W	F	L	P	C		100	500	1000	1500	2000	2500	3000	3500
N1D05F	1	1 1/2**	1 3/4"	1 3/8	1/2"	1 1/4"	3/4"	9/16"	3/4"	1/8"	1/8"	.3	665	406	331	294	269	250	237	226
N4D1F	1	2 1/8"	4 3/8	4	1	1 7/8	1 7/16	1 1/16	1 1/4	1/8"	5/16	3.0	2927	1787	1458	1295	1185	1104	1047	997
N4D2F	1	3 1/8"	4 3/8	4	1	1 7/8	2 7/16	2 1/16	2 1/2	1/8"	1/16	5.0	4348	2654	2166	1922	1760	1640	1544	1482
N4D3F	1	4 1/8"	4 3/8	4	1	1 7/8	3 7/16	3 1/16	3 1/2	1/8"	1/16	7.8	5854	3574	2916	2590	2370	2208	2094	1994
N4D4F	1	6"	7	4	1 1/2	2 5/8	5	4 1/2	4	1/8"	1/8	22.5	5884	3592	2930	2602	2380	2218	2102	2004
N4D6F	1	6"	7	4	1 1/2	2 5/8	6 3/4	6 1/4	5	1/8"	1/8	29.5	5884	3592	2930	2602	2380	2218	2102	2004
4D1FH	2	H1▲	4 3/8	4	▲	-	1 7/16	1 1/16	7/8	-	9/16	3.4	1518	1016	854	772	718	678	648	624
4D2FP	2	P1▲	4 3/8	4	▲	-	2 7/16	2 1/16	1 5/16	-	1 1/8	4.6	1518	1016	854	772	718	678	648	624
4D3FP	2	P1▲	4 3/8	4	▲	-	3 7/16	3 1/16	1 5/16	-	2 1/8	5.6	1518	1016	854	772	718	678	648	624



Table No. 4 V-Belt Sheave Idlers

Part No.	Shaft Length	Belt Size	DIMENSIONS (inches)	Wt. Lbs.	Radial Load Capacity in Pounds Based on 2500 Hours Average Life at rpm Shown ■							
					100	500	1000	1500	2000	2500	3000	3500
NOK17	1 1/2"	3L	1.92"	.1	665	406	331	294	269	250	237	226
NAK25	1 1/2	4L or A	2.50	.3	665	406	331	294	269	250	237	226
NAK30	1 1/2	4L or A	3.05	.5	665	406	331	294	269	250	237	226
NAK41	2 1/8	4L or A	3.95	1.0	2174	1327	1083	961	880	820	772	741
NBK40	2 1/8	5L or B	3.96	1.1	2174	1327	1083	961	880	820	772	741
NBK52	2 1/8	5L or B	4.96	1.6	2174	1327	1083	961	880	820	772	741

* For use with Drive Tighteners shown on pages 155 and 156 and above with shaft lengths indicated.

▲ For use with H-1 1/2" or P1-5/8" IDLER BUSHINGS shown on page 159.

■ See page 168 for factors to use for Average Life of more or less than 2500 hours.

All Browning Stock Idlers furnished with needle bearings have retainers that insure minimum internal friction and wear by separating the needle rollers. These bearings are inset approximately 1/8" on either end of the Idler hubs to form a grease cavity.