押し込み方向　長期許容支持力　α＝280

本体部	先端部			TG ジョイント*	翼本体部軸径比	先端有効面積 (㎡)	押し込み方向　長期許容支持力　先端N値範囲：【先端軸径 89.1～114.3　5≦N≦19.64】【先端軸径 139.8～457.2　5≦N≦50】																			
軸径 (mm)	軸径 (mm)	翼径 (mm)	翼軸径比				5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
76.3 89.1	89.1	240	2.69	① 無	3.15 2.69	0.0230	10.7	12.8	15.0	17.1	19.3	21.4	23.6	25.7	27.9	30.0	32.2	34.3	36.4	38.6	40.7	42.1	-	-	-	-
76.3 89.1	89.1	260	2.92	① 無	3.41 2.92	0.0264	12.3	14.7	17.2	19.7	22.1	24.6	27.1	29.5	32.0	34.4	36.9	39.4	41.8	44.3	46.8	48.3	-	-	-	-
76.3 89.1 101.6	101.6	260	2.56	② ① 無	3.41 2.92 2.56	0.0275	12.8	15.4	17.9	20.5	23.1	25.6	28.2	30.8	33.3	35.9	38.5	41.0	43.6	46.2	48.7	50.4	-	-	-	-
76.3 89.1 101.6	101.6	300	2.95	② ① 無	3.93 3.37 2.95	0.0350	16.3	19.6	22.8	26.1	29.4	32.6	35.9	39.2	42.4	45.7	49.0	52.2	55.5	58.8	62.0	64.1	-	-	-	-
89.1 101.6 114.3	114.3	300	2.62	② ① 無	3.37 2.95 2.62	0.0362	16.8	20.2	23.6	27.0	30.4	33.7	37.1	40.5	43.9	47.3	50.6	54.0	57.4	60.8	64.1	66.3	-	-	-	-
89.1 101.6 114.3	114.3	350	3.06	② ① 無	3.93 3.44 3.06	0.0472	22.0	26.4	30.8	35.2	39.6	44.0	48.4	52.8	57.2	61.6	66.0	70.4	74.8	79.2	83.7	86.5	-	-	-	-
101.6 114.3 139.8	139.8	350	2.50	② ① 無	3.44 3.06 2.50	0.0501	23.3	28.0	32.7	37.4	42.0	46.7	51.4	56.1	60.7	65.4	70.1	74.8	79.4	84.1	88.8	93.5	98.1	102.8	107.5	112.2
101.6 114.3 139.8	139.8	420	3.00	② ① 無	4.13 3.67 3.00	0.0683	31.8	38.2	44.6	50.9	57.3	63.7	70.1	76.4	82.8	89.2	95.6	101.9	108.3	114.7	121.1	127.4	133.8	140.2	146.6	152.9
114.3 139.8 165.2	165.2	400	2.42	② ① 無	3.50 2.86 2.42	0.0663	30.9	37.1	43.3	49.5	55.6	61.8	68.0	74.2	80.4	86.6	92.8	99.0	105.1	111.3	117.5	123.7	129.9	136.1	142.3	148.5
114.3 139.8 165.2	165.2	500	3.03	② ① 無	4.37 3.58 3.03	0.0966	45.0	54.0	63.1	72.1	81.1	90.1	99.1	108.1	117.2	126.2	135.2	144.2	153.2	162.2	171.3	180.3	189.3	198.3	207.3	216.3
139.8 165.2 190.7	190.7	400	2.10	② ① 無	2.86 2.42 2.10	0.0703	32.8	39.3	45.9	52.4	59.0	65.6	72.1	78.7	85.2	91.8	98.4	104.9	111.5	118.1	124.6	131.2	137.7	144.3	150.9	157.4
139.8 165.2 190.7	190.7	450	2.36	② ① 無	3.22 2.72 2.36	0.0847	39.5	47.4	55.3	63.2	71.1	79.0	86.9	94.8	102.7	110.6	118.5	126.4	134.3	142.2	150.2	158.1	166.0	173.9	181.8	189.7
139.8 165.2 190.7	190.7	500	2.62	② ① 無	3.58 3.03 2.62	0.1007	46.9	56.3	65.7	75.1	84.5	93.9	103.3	112.7	122.1	131.5	140.9	150.3	159.7	169.1	178.5	187.9	197.3	206.7	216.1	225.5
139.8 165.2 190.7	190.7	550	2.88	② ① 無	3.93 3.33 2.88	0.1184	55.2	66.3	77.3	88.4	99.4	110.5	121.5	132.6	143.6	154.7	165.7	176.8	187.8	198.9	209.9	221.0	232.0	243.1	254.1	265.2
165.2 190.7 216.3	216.3	450	2.08	② ① 無	2.72 2.36 2.08	0.0893	41.6	50.0	58.3	66.6	75.0	83.3	91.6	100.0	108.3	116.6	125.0	133.3	141.6	150.0	158.3	166.6	175.0	183.3	191.6	200.0
165.2 190.7 216.3	216.3	500	2.31	② ① 無	3.03 2.62 2.31	0.1054	49.1	59.0	68.8	78.6	88.5	98.3	108.2	118.0	127.8	137.7	147.5	157.3	167.2	177.0	186.9	196.7	206.5	216.4	226.2	236.0
165.2 190.7 216.3	216.3	550	2.54	② ① 無	3.33 2.88 2.54	0.1231	57.4	68.9	80.4	91.9	103.4	114.8	126.3	137.8	149.3	160.8	172.3	183.8	195.3	206.8	218.2	229.7	241.2	252.7	264.2	275.7
165.2 190.7 216.3	216.3	600	2.77	② ① 無	3.63 3.15 2.77	0.1425	66.5	79.8	93.1	106.4	119.7	133.0	146.3	159.6	172.9	186.2	199.5	212.8	226.1	239.4	252.7	266.0	279.3	292.6	305.9	319.2
165.2 190.7 216.3	216.3	650	3.01	② ① 無	3.93 3.41 3.01	0.1636	76.3	91.6	106.8	122.1	137.4	152.6	167.9	183.2	198.5	213.7	229.0	244.3	259.5	274.8	290.1	305.3	320.6	335.9	351.1	366.4
190.7 216.3 267.4	267.4	550	2.06	② ① 無	2.88 2.54 2.06	0.1342	62.6	75.1	87.6	100.2	112.7	125.2	137.7	150.3	162.8	175.3	187.8	200.4	212.9	225.4	237.9	250.5	263.0	275.5	288.0	300.6
190.7 216.3 267.4	267.4	600	2.24	② ① 無	3.15 2.77 2.24	0.1536	71.6	86.0	100.3	114.6	129.0	143.3	157.6	172.0	186.3	200.7	215.0	229.3	243.7	258.0	272.3	286.7	301.0	315.3	329.7	344.0
190.7 216.3 267.4	267.4	650	2.43	② ① 無	3.41 3.01 2.43	0.1747	81.5	97.8	114.1	130.4	146.7	163.0	179.3	195.6	211.9	228.2	244.5	260.8	277.1	293.4	309.8	326.1	342.4	358.7	375.0	391.3
190.7 216.3 267.4	267.4	700	2.62	② ① 無	3.67 3.24 2.62	0.1975	92.1	110.6	129.0	147.4	165.9	184.3	202.7	221.2	239.6	258.0	276.5	294.9	313.3	331.8	350.2	368.6	387.1	405.5	423.9	442.4
190.7 216.3 267.4	267.4	800	2.99	② ① 無	4.20 3.70 2.99	0.2482	115.8	138.9	162.1	185.3	208.4	231.6	254.8	277.9	301.1	324.3	347.4	370.6	393.8	416.9	440.1	463.3	486.4	509.6	532.8	555.9
216.3 267.4 318.5	318.5	650	2.04	② ① 無	3.01 2.43 2.04	0.1881	87.7	105.3	122.8	140.4	158.0	175.5	193.1	210.6	228.2	245.7	263.3	280.8	298.4	316.0	333.5	351.1	368.6	386.2	403.7	421.3
216.3 267.4 318.5	318.5	700	2.2	② ① 無	3.24 2.62 2.20	0.2109	98.4	118.1	137.7	157.4	177.1	196.8	216.5	236.2	255.8	275.5	295.2	314.9	334.6	354.3	373.9	393.6	413.3	433.0	452.7	472.4
216.3 267.4 318.5	318.5	750	2.35	② ① 無	3.47 2.80 2.35	0.2354	109.8	131.8	153.7	175.7	197.7	219.7	241.6	263.6	285.6	307.5	329.5	351.5	373.5	395.4	417.4	439.4	461.3	483.3	505.3	527.2
216.3 267.4 318.5	318.5	800	2.51	② ① 無	3.70 2.99 2.51	0.2616	122.0	146.4	170.9	195.3	219.7	244.1	268.5	292.9	317.4	341.8	366.2	390.6	415.0	439.4	463.9	488.3	512.7	537.1	561.5	585.9
216.3 267.4 318.5	318.5	900	2.83	② ① 無	4.16 3.37 2.83	0.3190	148.8	178.6	208.4	238.1	267.9	297.7	327.5	357.2	387.0	416.8	446.6	476.3	506.1	535.9	565.6	595.4	625.2	655.0	684.7	714.5
267.4 318.5 355.6	355.6	750	2.11	② ① 無	2.80 2.35 2.11	0.2466	115.0	138.0	161.1	184.1	207.1	230.1	253.1	276.1	299.2	322.2	345.2	368.2	391.2	414.2	437.3	460.3	483.3	506.3	529.3	552.3
267.4 318.5 355.6	355.6	※ 850	2.39	② ① 無	3.18 2.67 2.39	0.3006	140.2	168.3	196.3	224.4	252.5	280.5	308.6	336.6	364.7	392.7	420.8	448.8	476.9	505.0	533.0	561.1	589.1	617.2	645.2	673.3
267.4 318.5 355.6	355.6	※ 950	2.67	② ① 無	3.55 2.98 2.67	0.3614	168.6	202.3	236.1	269.8	303.5	337.3	371.0	404.7	438.4	472.2	505.9	539.6	573.4	607.1	640.8	674.6	708.3	742.0	775.8	809.5
267.4 318.5 355.6	355.6	1000	2.81	② ① 無	3.74 3.14 2.81	0.3943	184.0	220.8	257.6	294.4	331.2	368.0	404.8	441.6	478.4	515.2	552.0	588.8	625.6	662.4	699.2	736.0	772.8	809.6	846.4	883.2
318.5 355.6 406.4	406.4	850	2.09	② ① 無	2.67 2.39 2.09	0.3179	148.3	178.0	207.6	237.3	267.0	296.7	326.3	356.0	385.7	415.3	445.0	474.7	504.4	534.0	563.7	593.4	623.0	652.7	682.4	712.0
318.5 355.6 406.4	406.4	※ 950	2.34	② ① 無	2.98 2.67 2.34	0.3787	176.7	212.0	247.4	282.7	318.1	353.4	388.7	424.1	459.4	494.8	530.1	565.5	600.8	636.2	671.5	706.9	742.2	777.5	812.9	848.2
318.5 355.6 406.4	406.4	※ 1000	2.46	② ① 無	3.14 2.81 2.46	0.4117	192.1	230.5	268.9	307.4	345.8	384.2	422.6	461.1	499.5	537.9	576.3	614.8	653.2	691.6	730.0	768.5	806.9	845.3	883.7	922.2
318.5 355.6 406.4	406.4	1090	2.68	② ① 無	3.42 3.07 2.68	0.4752	221.7	266.1	310.4	354.8	399.1	443.5	487.8	532.2	576.5	620.9	665.2	709.6	753.9	798.3	842.6	887.0	931.3	975.7	1020.0	1064.4
355.6 406.4	457.2	1000	2.19	② ①	2.81 2.46	0.4313	201.2	241.5	281.7	322.0	362.2	402.5	442.8	483.0	523.3	563.5	603.8	644.0	684.3	724.5	764.8	805.0	845.3	885.6	925.8	966.1
355.6 406.4	457.2	1180	2.58	② ①	3.32 2.90	0.5638	263.1	315.7	368.3	420.9	473.5	526.2	578.8	631.4	684.0	736.6	789.3	841.9	894.5	947.1	999.8	1052.4	1105.0	1157.6	1210.2	1262.9

押し込み方向　長期許容支持力　先端N値範囲：【先端軸径 89.1～114.3　5≦N≦19.64】【先端軸径 139.8～457.2　5≦N≦50】																									
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116.9	121.5	126.2	130.9	135.6	140.2	144.9	149.6	154.3	158.9	163.6	168.3	173.0	177.6	182.3	187.0	191.7	196.3	201.0	205.7	210.4	215.0	219.7	224.4	229.1	233.8
159.3	165.7	172.1	178.4	184.8	191.2	197.6	203.9	210.3	216.7	223.1	229.4	235.8	242.2	248.6	254.9	261.3	267.7	274.1	280.4	286.8	293.2	299.6	305.9	312.3	318.7
154.7	160.8	167.0	173.2	179.4	185.6	191.8	198.0	204.2	210.3	216.5	222.7	228.9	235.1	241.3	247.5	253.7	259.8	266.0	272.2	278.4	284.6	290.8	297.0	303.2	309.4
225.4	234.4	243.4	252.4	261.4	270.4	279.4	288.5	297.5	306.5	315.5	324.5	333.5	342.6	351.6	360.6	369.6	378.6	387.6	396.7	405.7	414.7	423.7	432.7	441.7	450.8
164.0	170.5	177.1	183.7	190.2	196.8	203.4	209.9	216.5	223.0	229.6	236.2	242.7	249.3	255.8	262.4	269.0	275.5	282.1	288.6	295.2	301.8	308.3	314.9	321.5	328.0
197.6	205.5	213.4	221.3	229.2	237.1	245.0	252.9	260.8	268.7	276.6	284.5	292.4	300.4	308.3	316.2	324.1	332.0	339.9	347.8	355.7	363.6	371.5	379.4	387.3	395.2
234.9	244.3	253.7	263.1	272.5	281.9	291.3	300.7	310.1	319.5	328.9	338.3	347.7	357.1	366.5	375.9	385.3	394.7	404.1	413.5	422.9	432.3	441.7	451.1	460.5	469.9
276.2	287.3	298.3	309.4	320.4	331.5	342.5	353.6	364.6	375.7	386.7	397.8	408.8	419.9	430.9	442.0	453.0	464.1	475.1	486.2	497.2	508.3	519.3	530.4	541.4	552.5
208.3	216.7	225.0	233.3	241.7	250.0	258.3	266.7	275.0	283.3	291.7	300.0	308.3	316.7	325.0	333.3	341.7	350.0	358.3	366.7	375.0	383.3	391.7	400.0	408.3	416.7
245.9	255.7	265.6	275.4	285.2	295.1	304.9	314.7	324.6	334.4	344.3	354.1	363.9	373.8	383.6	393.4	403.3	413.1	423.0	432.8	442.6	452.5	462.3	472.1	482.0	491.8
287.2	298.7	310.2	321.7	333.1	344.6	356.1	367.6	379.1	390.6	402.1	413.6	425.1	436.5	448.0	459.5	471.0	482.5	494.0	505.5	517.0	528.5	539.9	551.4	562.9	574.4
332.5	345.8	359.1	372.4	385.7	399.0	412.3	425.6	438.9	452.2	465.5	478.8	492.1	505.4	518.7	532.0	545.3	558.6	571.9	585.2	598.5	611.8	625.1	638.4	651.7	665.0
381.7	397.0	412.2	427.5	442.8	458.0	473.3	488.6	503.8	519.1	534.4	549.6	564.9	580.2	595.5	610.7	626.0	641.3	656.5	671.8	687.1	702.3	717.6	732.9	748.1	763.4
313.1	325.6	338.1	350.7	363.2	375.7	388.2	400.8	413.3	425.8	438.3	450.9	463.4	475.9	488.4	501.0	513.5	526.0	538.5	551.1	563.6	576.1	588.6	601.2	613.7	626.2
358.4	372.7	387.0	401.4	415.7	430.0	444.4	458.7	473.0	487.4	501.7	516.0	530.4	544.7	559.1	573.4	587.7	602.1	616.4	630.7	645.1	659.4	673.7	688.1	702.4	716.8
407.6	423.9	440.2	456.5	472.8	489.1	505.4	521.7	538.0	554.3	570.6	586.9	603.2	619.6	635.9	652.2	668.5	684.8	701.1	717.4	733.7	750.0	766.3	782.6	798.9	815.2
460.8	479.2	497.7	516.1	534.5	553.0	571.4	589.8	608.3	626.7	645.1	663.6	682.0	700.4	718.9	737.3	755.7	774.2	792.6	811.0	829.5	847.9	866.3	884.8	903.2	921.6
579.1	602.2	625.4	648.6	671.7	694.9	718.1	741.2	764.4	787.6	810.7	833.9	857.1	880.2	903.4	926.6	949.7	972.9	996.1	1019.2	1042.4	1065.6	1088.7	1111.9	1135.1	1158.2
438.9	456.4	474.0	491.5	509.1	526.6	544.2	561.7	579.3	596.9	614.4	632.0	649.5	667.1	684.6	702.2	719.7	737.3	754.9	772.4	790.0	807.5	825.1	842.6	860.2	877.8
492.1	511.7	531.4	551.1	570.8	590.5	610.2	629.8	649.5	669.2	688.9	708.6	728.3	747.9	767.6	787.3	807.0	826.7	846.4	866.0	885.7	905.4	925.1	944.8	964.5	984.2
549.2	571.2	593.2	615.1	637.1	659.1	681.0	703.0	725.0	747.0	768.9	790.9	812.9	834.8	856.8	878.8	900.7	922.7	944.7	966.7	988.6	1010.6	1032.6	1054.5	1076.5	1098.5
610.4	634.8	659.2	683.6	708.0	732.4	756.8	781.3	805.7	830.1	854.5	878.9	903.3	927.8	952.2	976.6	1001.0	1025.4	1049.8	1074.3	1098.7	1123.1	1147.5	1171.9	1196.3	1220.8
744.3	774.1	803.8	833.6	863.4	893.2	922.9	952.7	982.5	1012.2	1042.0	1071.8	1101.6	1131.3	1161.1	1190.9	1220.7	1250.4	1280.2	1310.0	1339.8	1369.5	1399.3	1429.1	1458.8	1488.6
575.4	598.4	621.4	644.4	667.4	690.4	713.4	736.5	759.5	782.5	805.5	828.5	851.5	874.6	897.6	920.6	943.6	966.6	989.6	1012.7	1035.7	1058.7	1081.7	1104.7	1127.7	1150.8
701.4	729.4	757.5	785.5	813.6	841.6	869.7	897.7	925.8	953.9	981.9	1010.0	1038.0	1066.1	1094.1	1122.2	1150.2	1178.3	1206.4	1234.4	1262.5	1290.5	1318.6	1346.6	1374.7	1402.8
843.2	876.9	910.7	944.4	978.1	1011.9	1045.6	1079.3	1113.1	1146.8	1180.5	1214.3	1248.0	1281.7	1315.4	1349.2	1382.9	1416.6	1450.4	1484.1	1517.8	1551.6	1585.3	1619.0	1652.8	1686.5
920.0	956.8	993.6	1030.4	1067.2	1104.0	1140.8	1177.6	1214.4	1251.2	1288.0	1324.8	1361.6	1398.4	1435.2	1472.0	1508.8	1545.6	1582.4	1619.2	1656.0	1692.8	1729.6	1766.4	1803.2	1840.0
741.7	771.4	801.1	830.7	860.4	890.1	919.7	949.4	979.1	1008.8	1038.4	1068.1	1097.8	1127.4	1157.1	1186.8	1216.4	1246.1	1275.8	1305.5	1335.1	1364.8	1394.5	1424.1	1453.8	1483.5
883.6	918.9	954.3	989.6	1025.0	1060.3	1095.7	1131.0	1166.3	1201.7	1237.0	1272.4	1307.7	1343.1	1378.4	1413.8	1449.1	1484.5	1519.8	1555.1	1590.5	1625.8	1661.2	1696.5	1731.9	1767.2
960.6	999.0	1037.4	1075.9	1114.3	1152.7	1191.1	1229.6	1268.0	1306.4	1344.8	1383.3	1421.7	1460.1	1498.5	1537.0	1575.4	1613.8	1652.2	1690.7	1729.1	1767.5	1805.9	1844.4	1882.8	1921.2
1108.8	1153.1	1197.5	1241.8	1286.2	1330.5	1374.9	1419.2	1463.6	1507.9	1552.3	1596.6	1641.0	1685.3	1729.7	1774.0	1818.4	1862.7	1907.1	1951.4	1995.8	2040.1	2084.5	2128.8	2173.2	2217.6
1006.3	1046.6	1086.8	1127.1	1167.3	1207.6	1247.8	1288.1	1328.4	1368.6	1408.9	1449.1	1489.4	1529.6	1569.9	1610.1	1650.4	1690.6	1730.9	1771.2	1811.4	1851.7	1891.9	1932.2	1972.4	2012.7
1315.5	1368.1	1420.7	1473.3	1526.0	1578.6	1631.2	1683.8	1736.5	1789.1	1841.7	1894.3	1946.9	1999.6	2052.2	2104.8	2157.4	2210.0	2262.7	2315.3	2367.9	2420.5	2473.2	2525.8	2578.4	2631.0

※受注生産
*TGジョイントを使用しない場合は無／TGジョイントを使用して先端部軸径と本体軸径が１段階ダウンは①／TGジョイントを設置して先端部軸径と本体軸径が２段階ダウンは②

押し込み方向　短期許容支持力　α＝280

本体部	先端部			TG ジョイント*	翼本体部軸径比	先端有効面積 (㎡)	押し込み方向　長期許容支持力　先端N値範囲：【先端軸径 89.1～114.3　5≦N≦19.64】【先端軸径 139.8～457.2　5≦N≦50】																			
軸径 (mm)	軸径 (mm)	翼径 (mm)	翼軸径比				5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
76.3 89.1	89.1	240	2.69	① 無	3.15 2.69	0.0230	21.4	25.7	30.0	34.3	38.6	42.9	47.2	51.5	55.8	60.1	-	-	-	-	-	-	-	-	-	-
76.3 89.1	89.1	260	2.92	① 無	3.41 2.92	0.0264	24.6	29.5	34.4	39.4	44.3	49.2	54.2	59.1	64.0	68.9	-	-	-	-	-	-	-	-	-	-
76.3 89.1 101.6	101.6	260	2.56	② ① 無	3.41 2.92 2.56	0.0275	25.6	30.8	35.9	41.0	46.2	51.3	56.4	61.6	66.7	71.8	-	-	-	-	-	-	-	-	-	-
76.3 89.1 101.6	101.6	300	2.95	② ① 無	3.93 3.37 2.95	0.0350	32.6	39.2	45.7	52.2	58.8	65.3	71.8	78.4	84.9	91.4	-	-	-	-	-	-	-	-	-	-
89.1 101.6 114.3	114.3	300	2.62	② ① 無	3.37 2.95 2.62	0.0362	33.7	40.5	47.3	54.0	60.8	67.5	74.3	81.0	87.8	94.6	-	-	-	-	-	-	-	-	-	-
89.1 101.6 114.3	114.3	350	3.06	② ① 無	3.93 3.44 3.06	0.0472	44.0	52.8	61.6	70.4	79.2	88.1	96.9	105.7	114.5	123.3	-	-	-	-	-	-	-	-	-	-
101.6 114.3 139.8	139.8	350	2.50	② ① 無	3.44 3.06 2.50	0.0501	46.7	56.1	65.4	74.8	84.1	93.5	102.8	112.2	121.5	130.9	140.2	149.6	158.9	168.3	177.6	187.0	196.3	205.7	215.0	224.4
101.6 114.3 139.8	139.8	420	3.00	② ① 無	4.13 3.67 3.00	0.0683	63.7	76.4	89.2	101.9	114.7	127.4	140.2	152.9	165.7	178.4	191.2	203.9	216.7	229.4	242.2	254.9	267.7	280.4	293.2	305.9
114.3 139.8 165.2	165.2	400	2.42	② ① 無	3.50 2.86 2.42	0.0663	61.8	74.2	86.6	99.0	111.3	123.7	136.1	148.5	160.8	173.2	185.6	198.0	210.3	222.7	235.1	247.5	259.8	272.2	284.6	297.0
114.3 139.8 165.2	165.2	500	3.03	② ① 無	4.37 3.58 3.03	0.0966	90.1	108.1	126.2	144.2	162.2	180.3	198.3	216.3	234.4	252.4	270.4	288.5	306.5	324.5	342.6	360.6	378.6	396.7	414.7	432.7
139.8 165.2 190.7	190.7	400	2.10	② ① 無	2.86 2.42 2.10	0.0703	65.6	78.7	91.8	104.9	118.1	131.2	144.3	157.4	170.5	183.7	196.8	209.9	223.0	236.2	249.3	262.4	275.5	288.6	301.8	314.9
139.8 165.2 190.7	190.7	450	2.36	② ① 無	3.22 2.72 2.36	0.0847	79.0	94.8	110.6	126.4	142.2	158.1	173.9	189.7	205.5	221.3	237.1	252.9	268.7	284.5	300.4	316.2	332.0	347.8	363.6	379.4
139.8 165.2 190.7	190.7	500	2.62	② ① 無	3.58 3.03 2.62	0.1007	93.9	112.7	131.5	150.3	169.1	187.9	206.7	225.5	244.3	263.1	281.9	300.7	319.5	338.3	357.1	375.9	394.7	413.5	432.3	451.1
139.8 165.2 190.7	190.7	550	2.62	② ① 無	3.93 3.33 2.88	0.1184	110.5	132.6	154.7	176.8	198.9	221.0	243.1	265.2	287.3	309.4	331.5	353.6	375.7	397.8	419.9	442.0	464.1	486.2	508.3	530.4
165.2 190.7 216.3	216.3	450	2.08	② ① 無	2.72 2.36 2.08	0.0893	83.3	100.0	116.6	133.3	150.0	166.6	183.3	200.0	216.7	233.3	250.0	266.7	283.3	300.0	316.7	333.3	350.0	366.7	383.3	400.0
165.2 190.7 216.3	216.3	500	2.31	② ① 無	3.03 2.62 2.31	0.1054	98.3	118.0	137.7	157.3	177.0	196.7	216.4	236.0	255.7	275.4	295.1	314.7	334.4	354.1	373.8	393.4	413.1	432.8	452.5	472.1
165.2 190.7 216.3	216.3	550	2.54	② ① 無	3.33 2.88 2.54	0.1231	114.8	137.8	160.8	183.8	206.8	229.7	252.7	275.7	298.7	321.7	344.6	367.6	390.6	413.6	436.5	459.5	482.5	505.5	528.5	551.4
165.2 190.7 216.3	216.3	600	2.77	② ① 無	3.63 3.15 2.77	0.1425	133.0	159.6	186.2	212.8	239.4	266.0	292.6	319.2	345.8	372.4	399.0	425.6	452.2	478.8	505.4	532.0	558.6	585.2	611.8	638.4
165.2 190.7 216.3	216.3	650	3.01	② ① 無	3.93 3.41 3.01	0.1636	152.6	183.2	213.7	244.3	274.8	305.3	335.9	366.4	397.0	427.5	458.0	488.6	519.1	549.6	580.2	610.7	641.3	671.8	702.3	732.9
190.7 216.3 267.4	267.4	550	2.06	② ① 無	2.88 2.54 2.06	0.1342	125.2	150.3	175.3	200.4	225.4	250.5	275.5	300.6	325.6	350.7	375.7	400.8	425.8	450.9	475.9	501.0	526.0	551.1	576.1	601.2
190.7 216.3 267.4	267.4	600	2.24	② ① 無	3.15 2.77 2.24	0.1536	143.3	172.0	200.7	229.3	258.0	286.7	315.3	344.0	372.7	401.4	430.0	458.7	487.4	516.0	544.7	573.4	602.1	630.7	659.4	688.1
190.7 216.3 267.4	267.4	650	2.43	② ① 無	3.41 3.01 2.43	0.1747	163.0	195.6	228.2	260.8	293.4	326.1	358.7	391.3	423.9	456.5	489.1	521.7	554.3	586.9	619.6	652.2	684.8	717.4	750.0	782.6
190.7 216.3 267.4	267.4	700	2.62	② ① 無	3.67 3.24 2.62	0.1975	184.3	221.2	258.0	294.9	331.8	368.6	405.5	442.4	479.2	516.1	553.0	589.8	626.7	663.6	700.4	737.3	774.2	811.0	847.9	884.8
190.7 216.3 267.4	267.4	800	2.99	② ① 無	4.20 3.70 2.99	0.2482	231.6	277.9	324.3	370.6	416.9	463.3	509.6	555.9	602.2	648.6	694.9	741.2	787.6	833.9	880.2	926.6	972.9	1019.2	1065.6	1111.9
216.3 267.4 318.5	318.5	650	2.04	② ① 無	3.01 2.43 2.04	0.1881	175.5	210.6	245.7	280.8	316.0	351.1	386.2	421.3	456.4	491.5	526.6	561.7	596.9	632.0	667.1	702.2	737.3	772.4	807.5	842.6
216.3 267.4 318.5	318.5	700	2.2	② ① 無	3.24 2.62 2.20	0.2109	196.8	236.2	275.5	314.9	354.3	393.6	433.0	472.4	511.7	551.1	590.5	629.8	669.2	708.6	747.9	787.3	826.7	866.0	905.4	944.8
216.3 267.4 318.5	318.5	750	2.35	② ① 無	3.47 2.80 2.35	0.2354	219.7	263.6	307.5	351.5	395.4	439.4	483.3	527.2	571.2	615.1	659.1	703.0	747.0	790.9	834.8	878.8	922.7	966.7	1010.6	1054.5
216.3 267.4 318.5	318.5	800	2.51	② ① 無	3.70 2.99 2.51	0.2616	244.1	292.9	341.8	390.6	439.4	488.3	537.1	585.9	634.8	683.6	732.4	781.3	830.1	878.9	927.8	976.6	1025.4	1074.3	1123.1	1171.9
216.3 267.4 318.5	318.5	900	2.83	② ① 無	4.16 3.37 2.83	0.3190	297.7	357.2	416.8	476.3	535.9	595.4	655.0	714.5	774.1	833.6	893.2	952.7	1012.2	1071.8	1131.3	1190.9	1250.4	1310.0	1369.5	1429.1
267.4 318.5 355.6	355.6	750	2.11	② ① 無	2.80 2.35 2.11	0.2466	230.1	276.1	322.2	368.2	414.2	460.3	506.3	552.3	598.4	644.4	690.4	736.5	782.5	828.5	874.6	920.6	966.6	1012.7	1058.7	1104.7
267.4 318.5 355.6	355.6	※ 850	2.39	② ① 無	3.18 2.67 2.39	0.3006	280.5	336.6	392.7	448.8	505.0	561.1	617.2	673.3	729.4	785.5	841.6	897.7	953.9	1010.0	1066.1	1122.2	1178.3	1234.4	1290.5	1346.6
267.4 318.5 355.6	355.6	※ 950	2.67	② ① 無	3.55 2.98 2.67	0.3614	337.3	404.7	472.2	539.6	607.1	674.6	742.0	809.5	876.9	944.4	1011.9	1079.3	1146.8	1214.3	1281.7	1349.2	1416.6	1484.1	1551.6	1619.0
267.4 318.5 355.6	355.6	1000	2.81	② ① 無	3.74 3.14 2.81	0.3943	368.0	441.6	515.2	588.8	662.4	736.0	809.6	883.2	956.8	1030.4	1104.0	1177.6	1251.2	1324.8	1398.4	1472.0	1545.6	1619.2	1692.8	1766.4
318.5 355.6 406.4	406.4	850	2.09	② ① 無	2.67 2.39 2.09	0.3179	296.7	356.0	415.3	474.7	534.0	593.4	652.7	712.0	771.4	830.7	890.1	949.4	1008.8	1068.1	1127.4	1186.8	1246.1	1305.5	1364.8	1424.1
318.5 355.6 406.4	406.4	※ 950	2.34	② ① 無	2.98 2.67 2.34	0.3787	353.4	424.1	494.8	565.5	636.2	706.9	777.5	848.2	918.9	989.6	1060.3	1131.0	1201.7	1272.4	1343.1	1413.8	1484.5	1555.1	1625.8	1696.5
318.5 355.6 406.4	406.4	※ 1000	2.46	② ① 無	3.14 2.81 2.46	0.4117	384.2	461.1	537.9	614.8	691.6	768.5	845.3	922.2	999.0	1075.9	1152.7	1229.6	1306.4	1383.3	1460.1	1537.0	1613.8	1690.7	1767.5	1844.4
318.5 355.6 406.4	406.4	1090	2.68	② ① 無	3.42 3.07 2.68	0.4752	443.5	532.2	620.9	709.6	798.3	887.0	975.7	1064.4	1153.1	1241.8	1330.5	1419.2	1507.9	1596.6	1685.3	1774.0	1862.7	1951.4	2040.1	2128.8
355.6 406.4	457.2	1000	2.19	② ①	2.81 2.46	0.4313	402.5	483.0	563.5	644.0	724.5	805.0	885.6	966.1	1046.6	1127.1	1207.6	1288.1	1368.6	1449.1	1529.6	1610.1	1690.6	1771.2	1851.7	1932.2
355.6 406.4	457.2	1180	2.58	② ①	3.32 2.90	0.5638	526.2	631.4	736.6	841.9	947.1	1052.4	1157.6	1262.9	1368.1	1473.3	1578.6	1683.8	1789.1	1894.3	1999.6	2104.8	2210.0	2315.3	2420.5	2525.8

押し込み方向　長期許容支持力　先端N値範囲：【先端軸径 89.1～114.3　5≦N≦19.64】【先端軸径 139.8～457.2　5≦N≦50】																									
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
233.8	243.1	252.5	261.8	271.2	280.5	289.9	299.2	308.6	317.9	327.3	336.6	346.0	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7	350.7
318.7	331.4	344.2	356.9	369.7	382.4	395.2	407.9	420.7	433.4	446.2	458.9	471.7	478.1	478.1	478.1	478.1	478.1	478.1	478.1	478.1	478.1	478.1	478.1	478.1	478.1
309.4	321.7	334.1	346.5	358.9	371.2	383.6	396.0	408.4	420.7	433.1	445.5	457.9	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1
450.8	468.8	486.8	504.8	522.9	540.9	558.9	577.0	595.0	613.0	631.1	649.1	667.1	676.2	676.2	676.2	676.2	676.2	676.2	676.2	676.2	676.2	676.2	676.2	676.2	676.2
328.0	341.1	354.3	367.4	380.5	393.6	406.8	419.9	433.0	446.1	459.2	472.4	485.5	492.1	492.1	492.1	492.1	492.1	492.1	492.1	492.1	492.1	492.1	492.1	492.1	492.1
395.2	411.0	426.8	442.6	458.5	474.3	490.1	505.9	521.7	537.5	553.3	569.1	584.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9	592.9
469.9	488.7	507.5	526.3	545.1	563.9	582.7	601.5	620.3	639.1	657.9	676.7	695.5	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9	704.9
552.5	574.6	596.7	618.8	640.9	663.0	685.1	707.2	729.3	751.4	773.5	795.6	817.7	828.8	828.8	828.8	828.8	828.8	828.8	828.8	828.8	828.8	828.8	828.8	828.8	828.8
416.7	433.4	450.0	466.7	483.4	500.0	516.7	533.4	550.0	566.7	583.4	600.0	616.7	625.1	625.1	625.1	625.1	625.1	625.1	625.1	625.1	625.1	625.1	625.1	625.1	625.1
491.8	511.5	531.2	550.8	570.5	590.2	609.9	629.5	649.2	668.9	688.6	708.2	727.9	737.8	737.8	737.8	737.8	737.8	737.8	737.8	737.8	737.8	737.8	737.8	737.8	737.8
574.4	597.4	620.4	643.4	666.3	689.3	712.3	735.3	758.2	781.2	804.2	827.2	850.2	861.7	861.7	861.7	861.7	861.7	861.7	861.7	861.7	861.7	861.7	861.7	861.7	861.7
665.0	691.6	718.2	744.8	771.4	798.0	824.6	851.2	877.8	904.4	931.0	957.6	984.2	997.5	997.5	997.5	997.5	997.5	997.5	997.5	997.5	997.5	997.5	997.5	997.5	997.5
763.4	794.0	824.5	855.0	885.6	916.1	946.6	977.2	1007.7	1038.3	1068.8	1099.3	1129.9	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2	1145.2
626.2	651.3	676.3	701.4	726.4	751.5	776.5	801.6	826.6	851.7	876.7	901.8	926.8	939.4	939.4	939.4	939.4	939.4	939.4	939.4	939.4	939.4	939.4	939.4	939.4	939.4
716.8	745.4	774.1	802.8	831.4	860.1	888.8	917.5	946.1	974.8	1003.5	1032.1	1060.8	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2	1075.2
815.2	847.8	880.4	913.0	945.7	978.3	1010.9	1043.5	1076.1	1108.7	1141.3	1173.9	1206.5	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9	1222.9
921.6	958.5	995.4	1032.2	1069.1	1106.0	1142.8	1179.7	1216.6	1253.4	1290.3	1327.2	1364.0	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5	1382.5
1158.2	1204.5	1250.9	1297.2	1343.5	1389.9	1436.2	1482.5	1528.9	1575.2	1621.5	1667.9	1714.2	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4	1737.4
877.8	912.9	948.0	983.1	1018.2	1053.3	1088.4	1123.5	1158.6	1193.8	1228.9	1264.0	1299.1	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7	1316.7
984.2	1023.5	1062.9	1102.3	1141.6	1181.0	1220.4	1259.7	1299.1	1338.5	1377.8	1417.2	1456.6	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3	1476.3
1098.5	1142.4	1186.4	1230.3	1274.2	1318.2	1362.1	1406.1	1450.0	1494.0	1537.9	1581.8	1625.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8	1647.8
1220.8	1269.6	1318.4	1367.2	1416.1	1464.9	1513.7	1562.6	1611.4	1660.2	1709.1	1757.9	1806.7	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2	1831.2
1488.6	1548.2	1607.7	1667.3	1726.8	1786.4	1845.9	1905.4	1965.0	2024.5	2084.1	2143.6	2203.2	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0	2233.0
1150.8	1196.8	1242.8	1288.8	1334.9	1380.9	1426.9	1473.0	1519.0	1565.0	1611.1	1657.1	1703.1	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2	1726.2
1402.8	1458.9	1515.0	1571.1	1627.2	1683.3	1739.4	1795.5	1851.6	1907.8	1963.9	2020.0	2076.1	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2	2104.2
1686.5	1753.9	1821.4	1888.9	1956.3	2023.8	2091.3	2158.7	2226.2	2293.6	2361.1	2428.6	2496.0	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8	2529.8
1840.0	1913.6	1987.2	2060.8	2134.4	2208.0	2281.6	2355.2	2428.8	2502.4	2576.0	2649.6	2723.2	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1	2760.1
1483.5	1542.8	1602.2	1661.5	1720.8	1780.2	1839.5	1898.9	1958.2	2017.6	2076.9	2136.2	2195.6	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3	2225.3
1767.2	1837.9	1908.6	1979.3	2050.0	2120.7	2191.4	2262.1	2332.7	2403.4	2474.1	2544.8	2615.5	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9	2650.9
1921.2	1998.1	2074.9	2151.8	2228.6	2305.5	2382.3	2459.2	2536.0	2612.9	2689.7	2766.6	2843.4	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9	2881.9
2217.6	2306.3	2395.0	2483.7	2572.4	2661.1	2749.8	2838.5	2927.2	3015.9	3104.6	3193.3	3282.0	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4	3326.4
2012.7	2093.2	2173.7	2254.2	2334.7	2415.2	2495.7	2576.2	2656.8	2737.3	2817.8	2898.3	2978.8	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1	3019.1
2631.0	2736.3	2841.5	2946.7	3052.0	3157.2	3262.5	3367.7	3473.0	3578.2	3683.4	3788.7	3893.9	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6	3946.6

※受注生産
*TGジョイントを使用しない場合は無／TGジョイントを使用して先端部軸径と本体軸径が１段階ダウンは①／TGジョイントを設置して先端部軸径と本体軸径が２段階ダウンは②

引抜き方向　短期許容支持力　κ＝49

本体部	先端部			TG ジョイント*	翼本体部軸径比	先端有効面積 (㎡)	押し込み方向　長期許容支持力　先端N値範囲：【先端軸径 89.1～114.3　5≦N≦19.64】【先端軸径 139.8～457.2　5≦N≦50】																			
軸径 (mm)	軸径 (mm)	翼径 (mm)	翼軸径比				5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
76.3 89.1	89.1	240	2.69	① 無	3.15 2.69	0.0390	6.3	7.6	8.9	10.1	11.4	12.7	14.0	15.2	16.5	17.8	19.1	20.3	21.6	22.9	24.2	-	-	-	-	-
76.3 89.1	89.1	260	2.92	① 無	3.41 2.92	0.0469	7.6	9.1	10.7	12.2	13.7	15.3	16.8	18.3	19.9	21.4	22.9	24.5	26.0	27.5	29.1	-	-	-	-	-
76.3 89.1 101.6	101.6	260	2.56	② ① 無	3.41 2.92 2.56	0.0450	7.3	8.8	10.2	11.7	13.2	14.7	16.1	17.6	19.1	20.5	22.0	23.5	24.9	26.4	27.9	-	-	-	-	-
76.3 89.1 101.6	101.6	300	2.95	② ① 無	3.93 3.37 2.95	0.0626	10.2	12.2	14.3	16.3	18.4	20.4	22.4	24.5	26.5	28.6	30.6	32.7	34.7	36.8	38.8	-	-	-	-	-
89.1 101.6 114.3	114.3	300	2.62	② ① 無	3.37 2.95 2.62	0.0604	9.8	11.8	13.8	15.7	17.7	19.7	21.7	23.6	25.6	27.6	29.5	31.5	33.5	35.5	37.4	-	-	-	-	-
89.1 101.6 114.3	114.3	350	3.06	② ① 無	3.93 3.44 3.06	0.0860	14.0	16.8	19.6	22.4	25.2	28.0	30.9	33.7	36.5	39.3	42.1	44.9	47.7	50.5	53.3	-	-	-	-	-
101.6 114.3 139.8	139.8	350	2.50	② ① 無	3.44 3.06 2.50	0.0809	13.2	15.8	18.4	21.1	23.7	26.4	29.0	31.7	34.3	36.9	39.6	42.2	44.9	47.5	50.2	52.8	55.4	58.1	60.7	63.4
101.6 114.3 139.8	139.8	420	3.00	② ① 無	4.13 3.67 3.00	0.1232	20.1	24.1	28.1	32.1	36.2	40.2	44.2	48.2	52.3	56.3	60.3	64.3	68.4	72.4	76.4	80.4	84.5	88.5	92.5	96.5
114.3 139.8 165.2	165.2	400	2.42	② ① 無	3.50 2.86 2.42	0.1042	17.0	20.4	23.8	27.2	30.6	34.0	37.4	40.8	44.2	47.6	51.0	54.4	57.8	61.2	64.6	68.0	71.4	74.8	78.2	81.6
114.3 139.8 165.2	165.2	500	3.03	② ① 無	4.37 3.58 3.03	0.1749	28.5	34.2	39.9	45.7	51.4	57.1	62.8	68.5	74.2	79.9	85.7	91.4	97.1	102.8	108.5	114.2	119.9	125.6	131.4	137.1
139.8 165.2 190.7	190.7	400	2.10	② ① 無	2.86 2.42 2.10	0.0971	15.8	19.0	22.2	25.3	28.5	31.7	34.8	38.0	41.2	44.4	47.5	50.7	53.9	57.0	60.2	63.4	66.6	69.7	72.9	76.1
139.8 165.2 190.7	190.7	450	2.36	② ① 無	3.22 2.72 2.36	0.1305	21.3	25.5	29.8	34.1	38.3	42.6	46.8	51.1	55.4	59.6	63.9	68.2	72.4	76.7	80.9	85.2	89.5	93.7	98.0	102.3
139.8 165.2 190.7	190.7	500	2.62	② ① 無	3.58 3.03 2.62	0.1678	27.4	32.8	38.3	43.8	49.3	54.8	60.2	65.7	71.2	76.7	82.2	87.7	93.1	98.6	104.1	109.6	115.1	120.5	126.0	131.5
139.8 165.2 190.7	190.7	550	2.62	② ① 無	3.93 3.33 2.88	0.2090	34.1	40.9	47.7	54.6	61.4	68.2	75.1	81.9	88.7	95.5	102.4	109.2	116.0	122.8	129.7	136.5	143.3	150.2	157.0	163.8
165.2 190.7 216.3	216.3	450	2.08	② ① 無	2.72 2.36 2.08	0.1223	19.9	23.9	27.9	31.9	35.9	39.9	43.9	47.9	51.9	55.9	59.9	63.9	67.9	71.9	75.9	79.9	83.8	87.8	91.8	95.8
165.2 190.7 216.3	216.3	500	2.31	② ① 無	3.03 2.62 2.31	0.1596	26.0	31.2	36.4	41.7	46.9	52.1	57.3	62.5	67.7	72.9	78.2	83.4	88.6	93.8	99.0	104.2	109.4	114.6	119.9	125.1
165.2 190.7 216.3	216.3	550	2.54	② ① 無	3.33 2.88 2.54	0.2008	32.7	39.3	45.9	52.4	59.0	65.5	72.1	78.7	85.2	91.8	98.3	104.9	111.5	118.0	124.6	131.1	137.7	144.3	150.8	157.4
165.2 190.7 216.3	216.3	600	2.77	② ① 無	3.63 3.15 2.77	0.2460	40.1	48.2	56.2	64.2	72.3	80.3	88.3	96.4	104.4	112.5	120.5	128.5	136.6	144.6	152.6	160.7	168.7	176.7	184.8	192.8
165.2 190.7 216.3	216.3	650	3.01	② ① 無	3.93 3.41 3.01	0.2951	48.1	57.8	67.4	77.1	86.7	96.3	106.0	115.6	125.3	134.9	144.5	154.2	163.8	173.5	183.1	192.7	202.4	212.0	221.7	231.3
190.7 216.3 267.4	267.4	550	2.06	② ① 無	2.88 2.54 2.06	0.1814	29.6	35.5	41.4	47.4	53.3	59.2	65.1	71.1	77.0	82.9	88.8	94.8	100.7	106.6	112.5	118.5	124.4	130.3	136.2	142.2
190.7 216.3 267.4	267.4	600	2.24	② ① 無	3.15 2.77 2.24	0.2266	37.0	44.4	51.8	59.2	66.6	74.0	81.4	88.8	96.2	103.6	111.0	118.4	125.8	133.2	140.6	148.0	155.4	162.8	170.2	177.6
190.7 216.3 267.4	267.4	650	2.43	② ① 無	3.41 3.01 2.43	0.2757	45.0	54.0	63.0	72.0	81.0	90.0	99.0	108.0	117.0	126.0	135.0	144.0	153.1	162.1	171.1	180.1	189.1	198.1	207.1	216.1
190.7 216.3 267.4	267.4	700	2.62	② ① 無	3.67 3.24 2.62	0.3287	53.6	64.4	75.1	85.9	96.6	107.3	118.1	128.8	139.5	150.3	161.0	171.8	182.5	193.2	204.0	214.7	225.4	236.2	246.9	257.7
190.7 216.3 267.4	267.4	800	2.99	② ① 無	4.20 3.70 2.99	0.4465	72.9	87.5	102.0	116.6	131.2	145.8	160.4	175.0	189.6	204.1	218.7	233.3	247.9	262.5	277.1	291.7	306.2	320.8	335.4	350.0
216.3 267.4 318.5	318.5	650	2.04	② ① 無	3.01 2.43 2.04	0.2522	41.1	49.4	57.6	65.9	74.1	82.3	90.6	98.8	107.1	115.3	123.5	131.8	140.0	148.2	156.5	164.7	173.0	181.2	189.4	197.7
216.3 267.4 318.5	318.5	700	2.2	② ① 無	3.24 2.62 2.20	0.3052	49.8	59.8	69.7	79.7	89.7	99.6	109.6	119.6	129.6	139.5	149.5	159.5	169.4	179.4	189.4	199.3	209.3	219.3	229.3	239.2
216.3 267.4 318.5	318.5	750	2.35	② ① 無	3.47 2.80 2.35	0.3621	59.1	70.9	82.8	94.6	106.4	118.2	130.1	141.9	153.7	165.6	177.4	189.2	201.0	212.9	224.7	236.5	248.4	260.2	272.0	283.8
216.3 267.4 318.5	318.5	800	2.51	② ① 無	3.70 2.99 2.51	0.4230	69.0	82.9	96.7	110.5	124.3	138.1	151.9	165.8	179.6	193.4	207.2	221.0	234.9	248.7	262.5	276.3	290.1	303.9	317.8	331.6
216.3 267.4 318.5	318.5	900	2.83	② ① 無	4.16 3.37 2.83	0.5565	90.8	109.0	127.2	145.4	163.6	181.7	199.9	218.1	236.3	254.5	272.6	290.8	309.0	327.2	345.4	363.5	381.7	399.9	418.1	436.2
267.4 318.5 355.6	355.6	750	2.11	② ① 無	2.80 2.35 2.11	0.3425	55.9	67.1	78.3	89.5	100.6	111.8	123.0	134.2	145.4	156.6	167.8	179.0	190.2	201.3	212.5	223.7	234.9	246.1	257.3	268.5
267.4 318.5 355.6	355.6	※ 850	2.39	② ① 無	3.18 2.67 2.39	0.4681	76.4	91.7	107.0	122.3	137.6	152.9	168.2	183.4	198.7	214.0	229.3	244.6	259.9	275.2	290.5	305.8	321.1	336.4	351.6	366.9
267.4 318.5 355.6	355.6	※ 950	2.67	② ① 無	3.55 2.98 2.67	0.6095	99.5	119.4	139.3	159.2	179.1	199.1	219.0	238.9	258.8	278.7	298.6	318.5	338.4	358.3	378.2	398.2	418.1	438.0	457.9	477.8
267.4 318.5 355.6	355.6	1000	2.81	② ① 無	3.74 3.14 2.81	0.6861	112.0	134.4	156.8	179.3	201.7	224.1	246.5	268.9	291.3	313.7	336.1	358.6	381.0	403.4	425.8	448.2	470.6	493.0	515.4	537.9
318.5 355.6 406.4	406.4	850	2.09	② ① 無	2.67 2.39 2.09	0.4377	71.4	85.7	100.0	114.3	128.6	142.9	157.2	171.5	185.8	200.1	214.4	228.7	243.0	257.3	271.6	285.9	300.2	314.5	328.8	343.1
318.5 355.6 406.4	406.4	※ 950	2.34	② ① 無	2.98 2.67 2.34	0.5791	94.5	113.5	132.4	151.3	170.2	189.1	208.0	227.0	245.9	264.8	283.7	302.6	321.5	340.5	359.4	378.3	397.2	416.1	435.0	454.0
318.5 355.6 406.4	406.4	※ 1000	2.46	② ① 無	3.14 2.81 2.46	0.6557	107.0	128.5	149.9	171.3	192.7	214.1	235.6	257.0	278.4	299.8	321.2	342.7	364.1	385.5	406.9	428.3	449.8	471.2	492.6	514.0
318.5 355.6 406.4	406.4	1090	2.68	② ① 無	3.42 3.07 2.68	0.8034	131.2	157.4	183.7	209.9	236.1	262.4	288.6	314.9	341.1	367.4	393.6	419.9	446.1	472.3	498.6	524.8	551.1	577.3	603.6	629.8
355.6 406.4	457.2	1000	2.19	② ①	2.81 2.46	0.6212	101.4	121.7	142.0	162.3	182.6	202.9	223.2	243.5	263.8	284.0	304.3	324.6	344.9	365.2	385.5	405.8	426.1	446.4	466.7	487.0
355.6 406.4	457.2	1180	2.58	②	3.32 2.90	0.9294	151.8	182.1	212.5	242.8	273.2	303.6	333.9	364.3	394.6	425.0	455.4	485.7	516.1	546.4	576.8	607.2	637.5	667.9	698.2	728.6

押し込み方向　長期許容支持力　先端N値範囲：【先端軸径 89.1～114.3　5≦N≦19.64】【先端軸径 139.8～457.2　5≦N≦50】																									
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66.0	68.7	71.3	73.9	76.6	79.2	81.9	84.5	87.2	89.8	92.4	95.1	97.7	100.4	103.0	105.7	108.3	110.9	113.6	116.2	118.9	121.5	124.2	126.8	129.4	132.1
100.6	104.6	108.6	112.6	116.7	120.7	124.7	128.7	132.8	136.8	140.8	144.8	148.9	152.9	156.9	160.9	165.0	169.0	173.0	177.0	181.1	185.1	189.1	193.1	197.2	201.2
85.0	88.5	91.9	95.3	98.7	102.1	105.5	108.9	112.3	115.7	119.1	122.5	125.9	129.3	132.7	136.1	139.5	142.9	146.3	149.7	153.1	156.5	159.9	163.3	166.7	170.1
142.8	148.5	154.2	159.9	165.6	171.4	177.1	182.8	188.5	194.2	199.9	205.6	211.3	217.1	222.8	228.5	234.2	239.9	245.6	251.3	257.1	262.8	268.5	274.2	279.9	285.6
79.2	82.4	85.6	88.8	91.9	95.1	98.3	101.5	104.6	107.8	111.0	114.1	117.3	120.5	123.7	126.8	130.0	133.2	136.3	139.5	142.7	145.9	149.0	152.2	155.4	158.5
106.5	110.8	115.1	119.3	123.6	127.8	132.1	136.4	140.6	144.9	149.2	153.4	157.7	161.9	166.2	170.5	174.7	179.0	183.3	187.5	191.8	196.0	200.3	204.6	208.8	213.1
137.0	142.5	147.9	153.4	158.9	164.4	169.9	175.4	180.8	186.3	191.8	197.3	202.8	208.2	213.7	219.2	224.7	230.2	235.7	241.1	246.6	252.1	257.6	263.1	268.5	274.0
170.6	177.5	184.3	191.1	197.9	204.8	211.6	218.4	225.3	232.1	238.9	245.7	252.6	259.4	266.2	273.0	279.9	286.7	293.5	300.4	307.2	314.0	320.8	327.7	334.5	341.3
99.8	103.8	107.8	111.8	115.8	119.8	123.8	127.8	131.8	135.8	139.8	143.8	147.8	151.8	155.8	159.8	163.8	167.7	171.7	175.7	179.7	183.7	187.7	191.7	195.7	199.7
130.3	135.5	140.7	145.9	151.1	156.4	161.6	166.8	172.0	177.2	182.4	187.6	192.9	198.1	203.3	208.5	213.7	218.9	224.1	229.3	234.6	239.8	245.0	250.2	255.4	260.6
163.9	170.5	177.1	183.6	190.2	196.7	203.3	209.9	216.4	223.0	229.5	236.1	242.7	249.2	255.8	262.3	268.9	275.4	282.0	288.6	295.1	301.7	308.2	314.8	321.4	327.9
200.9	208.9	216.9	225.0	233.0	241.0	249.1	257.1	265.1	273.2	281.2	289.2	297.3	305.3	313.4	321.4	329.4	337.5	345.5	353.5	361.6	369.6	377.6	385.7	393.7	401.8
240.9	250.6	260.2	269.9	279.5	289.1	298.8	308.4	318.1	327.7	337.3	347.0	356.6	366.3	375.9	385.5	395.2	404.8	414.5	424.1	433.7	443.4	453.0	462.7	472.3	481.9
148.1	154.0	159.9	165.9	171.8	177.7	183.6	189.6	195.5	201.4	207.4	213.3	219.2	225.1	231.1	237.0	242.9	248.8	254.8	260.7	266.6	272.5	278.5	284.4	290.3	296.2
185.0	192.4	199.8	207.2	214.6	222.0	229.4	236.8	244.2	251.6	259.0	266.4	273.8	281.2	288.6	296.0	303.4	310.8	318.2	325.6	333.1	340.5	347.9	355.3	362.7	370.1
225.1	234.1	243.1	252.1	261.1	270.1	279.1	288.1	297.2	306.2	315.2	324.2	333.2	342.2	351.2	360.2	369.2	378.2	387.2	396.2	405.2	414.2	423.2	432.2	441.3	450.3
268.4	279.1	289.9	300.6	311.3	322.1	332.8	343.6	354.3	365.0	375.8	386.5	397.2	408.0	418.7	429.5	440.2	450.9	461.7	472.4	483.1	493.9	504.6	515.4	526.1	536.8
364.6	379.2	393.8	408.3	422.9	437.5	452.1	466.7	481.3	495.9	510.4	525.0	539.6	554.2	568.8	583.4	598.0	612.5	627.1	641.7	656.3	670.9	685.5	700.1	714.6	729.2
205.9	214.2	222.4	230.6	238.9	247.1	255.3	263.6	271.8	280.1	288.3	296.5	304.8	313.0	321.3	329.5	337.7	346.0	354.2	362.4	370.7	378.9	387.2	395.4	403.6	411.9
249.2	259.2	269.1	279.1	289.1	299.0	309.0	319.0	329.0	338.9	348.9	358.9	368.8	378.8	388.8	398.7	408.7	418.7	428.7	438.6	448.6	458.6	468.5	478.5	488.5	498.4
295.7	307.5	319.3	331.2	343.0	354.8	366.6	378.5	390.3	402.1	414.0	425.8	437.6	449.4	461.3	473.1	484.9	496.8	508.6	520.4	532.2	544.1	555.9	567.7	579.6	591.4
345.4	359.2	373.0	386.9	400.7	414.5	428.3	442.1	455.9	469.8	483.6	497.4	511.2	525.0	538.9	552.7	566.5	580.3	594.1	607.9	621.8	635.6	649.4	663.2	677.0	690.9
454.4	472.6	490.8	509.0	527.1	545.3	563.5	581.7	599.9	618.0	636.2	654.4	672.6	690.8	708.9	727.1	745.3	763.5	781.6	799.8	818.0	836.2	854.4	872.5	890.7	908.9
279.7	290.8	302.0	313.2	324.4	335.6	346.8	358.0	369.2	380.4	391.5	402.7	413.9	425.1	436.3	447.5	458.7	469.9	481.0	492.2	503.4	514.6	525.8	537.0	548.2	559.4
382.2	397.5	412.8	428.1	443.4	458.7	474.0	489.3	504.6	519.9	535.1	550.4	565.7	581.0	596.3	611.6	626.9	642.2	657.5	672.8	688.1	703.3	718.6	733.9	749.2	764.5
497.7	517.6	537.5	557.4	577.3	597.3	617.2	637.1	657.0	676.9	696.8	716.7	736.6	756.5	776.5	796.4	816.3	836.2	856.1	876.0	895.9	915.8	935.7	955.6	975.6	995.5
560.3	582.7	605.1	627.5	649.9	672.3	694.7	717.2	739.6	762.0	784.4	806.8	829.2	851.6	874.0	896.5	918.9	941.3	963.7	986.1	1008.5	1030.9	1053.3	1075.8	1098.2	1120.6
357.4	371.7	386.0	400.3	414.6	428.9	443.2	457.5	471.8	486.1	500.4	514.7	529.0	543.3	557.6	571.9	586.2	600.5	614.8	629.1	643.4	657.7	672.0	686.3	700.6	714.9
472.9	491.8	510.7	529.6	548.6	567.5	586.4	605.3	624.2	643.1	662.1	681.0	699.9	718.8	737.7	756.6	775.6	794.5	813.4	832.3	851.2	870.1	889.1	908.0	926.9	945.8
535.4	556.9	578.3	599.7	621.1	642.5	664.0	685.4	706.8	728.2	749.6	771.1	792.5	813.9	835.3	856.7	878.2	899.6	921.0	942.4	963.8	985.2	1006.7	1028.1	1049.5	1070.9
656.1	682.3	708.5	734.8	761.0	787.3	813.5	839.8	866.0	892.3	918.5	944.7	971.0	997.2	1023.5	1049.7	1076.0	1102.2	1128.5	1154.7	1180.9	1207.2	1233.4	1259.7	1285.9	1312.2
507.3	527.6	547.8	568.1	588.4	608.7	629.0	649.3	669.6	689.9	710.2	730.5	750.8	771.1	791.4	811.7	831.9	852.2	872.5	892.8	913.1	933.4	953.7	974.0	994.3	1014.6
759.0	789.3	819.7	850.0	880.4	910.8	941.1	971.5	1001.8	1032.2	1062.6	1092.9	1123.3	1153.6	1184.0	1214.4	1244.7	1275.1	1305.4	1335.8	1366.2	1396.5	1426.9	1457.2	1487.6	1518.0

※受注生産

*TGジョイントを使用しない場合は無／TGジョイントを使用して先端部軸径と本体軸径が1段階ダウンは①／TGジョイントを設置して先端部軸径と本体軸径が2段階ダウンは②