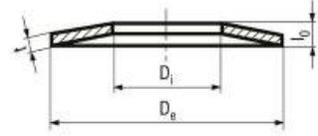


# Tellerfedern DIN 2093 / EN 16983 Disc Springs DIN 2093 / EN 16983

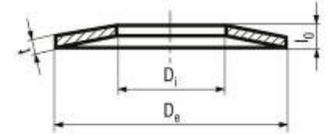


**Material: 50CrV4, 1.4310, 1.4301, 1.4401, 1.4542 1.4568, 1.4923,  
Inconel 718, Inconel X 750, Nimonic 90**

**Sonderabmessungen auf Anfrage!**



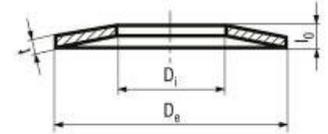
# Tellerfedern DIN 2093 / EN 16983 Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30001		8.00	3.20	0.30		0.25	0.55	0.833	0.063	45.6	0.125	79.1	0.188	104.3	0.250	125.5	0.099
30002		8.00	3.20	0.40		0.20	0.60	0.500	0.050	69.2	0.100	130.1	0.150	185.5	0.200	238.0	0.133
30003		8.00	3.20	0.50		0.20	0.70	0.400	0.050	128.4	0.100	246.4	0.150	357.4	0.200	464.9	0.166
30004	C	8.00	4.20	0.20		0.25	0.45	1.250	0.063	21.2	0.125	33.3	0.188	39.2	0.250	42.0	0.057
30005	B	8.00	4.20	0.30		0.25	0.55	0.833	0.063	51.6	0.125	89.3	0.188	117.9	0.250	141.8	0.086
30006	A	8.00	4.20	0.40		0.20	0.60	0.500	0.050	78.2	0.100	147.0	0.150	209.5	0.200	268.9	0.114
30007		10.00	3.20	0.30		0.35	0.65	1.167	0.088	51.1	0.175	81.6	0.263	98.3	0.350	108.0	0.166
30008		10.00	3.20	0.40		0.30	0.70	0.750	0.075	75.1	0.150	132.9	0.225	179.1	0.300	219.6	0.221
30009		10.00	3.20	0.50		0.35	0.85	0.700	0.088	165.3	0.175	296.1	0.263	404.0	0.350	500.4	0.277
30010		10.00	4.20	0.40		0.30	0.70	0.750	0.075	79.3	0.150	140.3	0.225	189.1	0.300	231.8	0.203
30011		10.00	4.20	0.50		0.25	0.75	0.500	0.063	109.8	0.125	206.3	0.188	294.0	0.250	377.3	0.254
30012		10.00	4.20	0.60		0.25	0.85	0.417	0.063	181.5	0.125	347.2	0.188	502.3	0.250	652.0	0.304
30013	C	10.00	5.20	0.25		0.30	0.55	1.200	0.075	30.4	0.150	48.2	0.225	57.5	0.300	62.6	0.112
30014	B	10.00	5.20	0.40		0.30	0.70	0.750	0.075	87.8	0.150	155.3	0.225	209.3	0.300	256.5	0.180

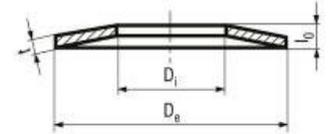
# Tellerfedern DIN 2093 / EN 16983

## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30015	A	10.00	5.20	0.50		0.25	0.75	0.500	0.063	121.5	0.125	228.3	0.188	325.3	0.250	417.5	0.225
30016		12.00	4.20	0.40		0.40	0.80	1.000	0.100	85.1	0.200	141.4	0.300	178.3	0.400	205.6	0.311
30017		12.00	4.20	0.50		0.40	0.90	0.800	0.100	142.6	0.200	249.0	0.300	331.4	0.400	401.7	0.389
30018		12.00	4.20	0.60		0.40	1.00	0.667	0.100	224.1	0.200	404.9	0.300	556.8	0.400	694.1	0.467
30019		12.00	5.20	0.50		0.40	0.90	0.800	0.100	150.4	0.200	262.7	0.300	349.6	0.400	423.8	0.360
30020		12.00	5.20	0.60		0.35	0.95	0.583	0.088	195.9	0.175	361.2	0.263	506.1	0.350	640.7	0.432
30021		12.00	6.20	0.50		0.35	0.85	0.700	0.088	133.5	0.175	239.2	0.263	326.4	0.350	404.2	0.325
30022		12.00	6.20	0.60		0.35	0.95	0.583	0.088	213.6	0.175	393.8	0.263	551.7	0.350	698.5	0.390
30023	C	12.50	6.20	0.35		0.45	0.80	1.286	0.113	83.5	0.225	129.8	0.338	151.2	0.450	160.2	0.254
30024	B	12.50	6.20	0.50		0.35	0.85	0.700	0.088	120.0	0.175	215.1	0.263	293.4	0.350	363.4	0.363
30025	A	12.50	6.20	0.70		0.30	1.00	0.429	0.075	239.4	0.150	456.8	0.225	659.5	0.300	854.9	0.508
30026		14.00	7.20	0.35		0.45	0.80	1.286	0.113	68.0	0.225	105.7	0.338	123.2	0.450	130.5	0.311
30027		14.00	7.20	0.50		0.40	0.90	0.800	0.100	120.1	0.200	209.8	0.300	279.2	0.400	338.4	0.444
30028		14.00	7.20	0.80		0.30	1.10	0.375	0.075	283.8	0.150	547.2	0.225	796.8	0.300	1040.0	0.711
30029		15.00	5.20	0.40		0.55	0.95	1.375	0.138	101.2	0.275	154.4	0.413	175.5	0.550	180.7	0.488

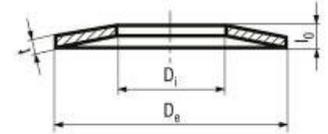
# Tellerfedern DIN 2093 / EN 16983 Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30030		15.00	5.20	0.50		0.50	1.00	1.000	0.125	132.8	0.250	220.6	0.375	278.2	0.500	320.9	0.610
30031		15.00	5.20	0.60		0.45	1.05	0.750	0.113	170.8	0.225	302.1	0.338	407.2	0.450	499.0	0.732
30032		15.00	5.20	0.70		0.55	1.25	0.786	0.138	340.2	0.275	596.4	0.413	796.5	0.550	968.6	0.854
30033		15.00	6.20	0.50		0.50	1.00	1.000	0.125	138.1	0.250	229.4	0.375	289.4	0.500	333.7	0.575
30034		15.00	6.20	0.60		0.45	1.05	0.750	0.113	177.6	0.225	314.2	0.338	423.5	0.450	519.0	0.690
30035		15.00	6.20	0.70		0.40	1.10	0.571	0.100	222.4	0.200	411.1	0.300	577.5	0.400	732.6	0.805
30036		15.00	8.20	0.70		0.40	1.10	0.571	0.100	256.3	0.200	473.9	0.300	665.6	0.400	844.4	0.681
30037		15.00	8.20	0.80		0.40	1.20	0.500	0.100	366.8	0.200	689.3	0.300	982.3	0.400	1261.0	0.778
30038	C	16.00	8.20	0.40		0.50	0.90	1.250	0.125	83.7	0.250	131.2	0.375	154.3	0.500	165.4	0.465
30039	B	16.00	8.20	0.60		0.45	1.05	0.750	0.113	172.0	0.225	304.3	0.338	410.0	0.450	502.5	0.698
30040	A	16.00	8.20	0.90		0.35	1.25	0.389	0.088	362.5	0.175	697.0	0.263	1013.0	0.350	1319.0	1.047
30041		18.00	6.20	0.40		0.60	1.00	1.500	0.150	84.6	0.300	126.1	0.450	138.6	0.600	136.7	0.704
30042		18.00	6.20	0.50		0.60	1.10	1.200	0.150	129.9	0.300	205.7	0.450	245.4	0.600	267.0	0.880
30043		18.00	6.20	0.60		0.60	1.20	1.000	0.150	191.1	0.300	317.3	0.450	400.3	0.600	461.6	1.056
30044		18.00	6.20	0.70		0.70	1.40	1.000	0.175	354.1	0.350	588.0	0.525	741.7	0.700	855.2	1.232

# Tellerfedern DIN 2093 / EN 16983

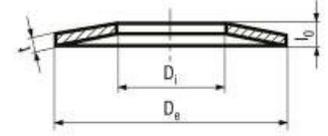
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30045		18.00	6.20	0.80		0.70	1.50	0.875	0.175	479.5	0.350	821.6	0.525	1072.0	0.700	1277.0	1.408
30046		18.00	8.20	0.70		0.55	1.25	0.786	0.138	254.6	0.275	446.2	0.413	596.0	0.550	724.7	1.108
30047		18.00	8.20	0.80		0.50	1.30	0.625	0.125	308.9	0.250	563.8	0.375	782.6	0.500	983.5	1.266
30048		18.00	8.20	1.00		0.50	1.50	0.500	0.125	559.0	0.250	1051.0	0.375	1497.0	0.500	1921.0	1.582
30049	C	18.00	9.20	0.45		0.60	1.05	1.333	0.150	120.7	0.300	185.8	0.450	213.7	0.600	222.9	0.664
30050	B	18.00	9.20	0.70		0.50	1.20	0.714	0.125	233.4	0.250	416.6	0.375	566.4	0.500	699.4	1.033
30051	A	18.00	9.20	1.00		0.40	1.40	0.400	0.100	450.6	0.200	865.0	0.300	1254.0	0.400	1631.0	1.476
30052		20.00	8.20	0.50		0.65	1.15	1.300	0.163	128.3	0.325	198.8	0.488	230.8	0.650	243.4	1.026
30053		20.00	8.20	0.60		0.70	1.30	1.167	0.175	214.4	0.350	342.1	0.525	412.0	0.700	453.0	1.231
30054		20.00	8.20	0.70		0.65	1.35	0.929	0.163	261.5	0.325	442.0	0.488	568.5	0.650	668.0	1.436
30055		20.00	8.20	0.80		0.60	1.40	0.750	0.150	315.0	0.300	557.3	0.450	751.0	0.600	920.5	1.641
30056		20.00	8.20	0.90		0.60	1.50	0.667	0.150	423.2	0.300	764.5	0.450	1051.0	0.600	1311.0	1.846
30057		20.00	8.20	1.00		0.60	1.60	0.600	0.150	555.6	0.300	1020.0	0.450	1424.0	0.600	1798.0	2.051
30058		20.00	10.20	0.40		0.50	0.90	1.250	0.125	53.4	0.250	83.7	0.375	98.5	0.500	105.5	0.730
30059	C	20.00	10.20	0.50		0.65	1.15	1.300	0.163	141.3	0.325	218.9	0.488	254.1	0.650	268.0	0.912

# Tellerfedern DIN 2093 / EN 16983

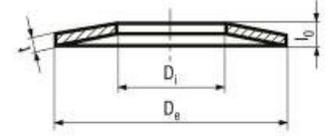
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30060	B	20.00	10.20	0.80		0.55	1.35	0.688	0.138	304.3	0.275	546.8	0.413	748.2	0.550	929.0	1.460
30061		20.00	10.20	0.90		0.55	1.45	0.611	0.138	411.7	0.275	754.0	0.413	1050.0	0.550	1323.0	1.642
30062		20.00	10.20	1.00		0.55	1.55	0.550	0.138	543.6	0.275	1010.0	0.413	1425.0	0.550	1815.0	1.824
30063	A	20.00	10.20	1.10		0.45	1.55	0.409	0.113	548.2	0.225	1050.0	0.338	1521.0	0.450	1976.0	2.007
30064		22.50	11.20	0.60		0.80	1.40	1.333	0.200	240.4	0.400	369.9	0.600	425.4	0.800	443.9	1.409
30065		22.50	11.20	0.80		0.65	1.45	0.813	0.163	306.3	0.325	533.4	0.488	707.4	0.650	855.1	1.878
30066		22.50	11.20	1.25		0.50	1.75	0.400	0.125	693.1	0.250	1330.0	0.375	1929.0	0.500	2509.0	2.935
30067		23.00	8.20	0.70		0.80	1.50	1.143	0.200	279.4	0.400	448.4	0.600	543.6	0.800	601.9	1.993
30068		23.00	8.20	0.80		0.75	1.55	0.938	0.188	332.0	0.375	560.0	0.563	718.5	0.750	842.4	2.277
30069		23.00	8.20	0.90		0.80	1.70	0.889	0.200	485.7	0.400	829.2	0.600	1078.0	0.800	1279.0	2.561
30070		23.00	10.20	0.90		0.75	1.65	0.833	0.188	463.1	0.375	801.9	0.563	1058.0	0.750	1273.0	2.357
30071		23.00	10.20	1.00		0.70	1.70	0.700	0.175	538.2	0.350	964.2	0.525	1315.0	0.700	1629.0	2.619
30072		23.00	12.20	1.00		0.60	1.60	0.600	0.150	474.7	0.300	871.7	0.450	1217.0	0.600	1536.0	2.343
30073		23.00	12.20	1.25		0.60	1.85	0.480	0.150	863.4	0.300	1630.0	0.450	2331.0	0.600	3000.0	2.929
30074		23.00	12.20	1.50		0.60	2.10	0.400	0.150	1432.0	0.300	2748.0	0.450	3986.0	0.600	5184.0	3.514

# Tellerfedern DIN 2093 / EN 16983

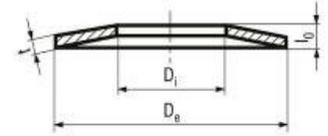
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30075	C	25.00	12.20	0.70		0.90	1.60	1.286	0.225	331.2	0.450	514.6	0.675	599.6	0.900	635.4	2.055
30076	B	25.00	12.20	0.90		0.70	1.60	0.778	0.175	366.8	0.350	644.3	0.525	862.3	0.700	1050.0	2.642
30077	A	25.00	12.20	1.50		0.55	2.05	0.367	0.138	1040.0	0.275	2007.0	0.413	2926.0	0.550	3821.0	4.403
30078		28.00	10.20	0.80		0.95	1.75	1.188	0.238	347.9	0.475	552.5	0.713	661.5	0.950	722.7	3.354
30079		28.00	10.20	1.00		1.00	2.00	1.000	0.250	615.2	0.500	1022.0	0.750	1289.0	1.000	1486.0	4.191
30080		28.00	10.20	1.25		1.00	2.25	0.800	0.250	1030.0	0.500	1799.0	0.750	2394.0	1.000	2902.0	5.238
30081		28.00	10.20	1.50		0.70	2.20	0.467	0.175	1003.0	0.350	1899.0	0.525	2723.0	0.700	3511.0	6.286
30082		28.00	12.20	1.00		0.95	1.95	0.950	0.238	589.9	0.475	991.7	0.713	1268.0	0.950	1482.0	3.914
30083		28.00	12.20	1.25		0.85	2.10	0.680	0.213	843.8	0.425	1519.0	0.638	2083.0	0.850	2590.0	4.893
30084		28.00	12.20	1.50		0.75	2.25	0.500	0.188	1149.0	0.375	2159.0	0.563	3077.0	0.750	3949.0	5.872
30085	C	28.00	14.20	0.80		1.00	1.80	1.250	0.250	434.8	0.500	681.0	0.750	801.4	1.000	858.8	2.872
30086	B	28.00	14.20	1.00		0.80	1.80	0.800	0.200	476.4	0.400	832.0	0.600	1107.0	0.800	1342.0	3.590
30087		28.00	14.20	1.25		0.85	2.10	0.680	0.213	907.4	0.425	1634.0	0.638	2240.0	0.850	2785.0	4.486
30088	A	28.00	14.20	1.50		0.65	2.15	0.433	0.163	1033.0	0.325	1970.0	0.488	2841.0	0.650	3680.0	5.386
30089	C	31.50	16.30	0.80		1.05	1.85	1.313	0.263	384.3	0.525	593.8	0.788	686.8	1.050	721.6	3.583

# Tellerfedern DIN 2093 / EN 16983

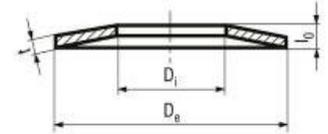
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30090	B	31.50	16.30	1.25		0.90	2.15	0.720	0.225	790.5	0.450	1409.0	0.675	1913.0	0.900	2359.0	5.599
30091		31.50	16.30	1.50		0.90	2.40	0.600	0.225	1260.0	0.450	2314.0	0.675	3230.0	0.900	4077.0	6.717
30092	A	31.50	16.30	1.75		0.70	2.45	0.400	0.175	1391.0	0.350	2669.0	0.525	3871.0	0.700	5036.0	7.839
30093		31.50	16.30	2.00		0.75	2.75	0.375	0.188	2199.0	0.375	4239.0	0.563	6173.0	0.750	8054.0	8.956
30094		34.00	12.30	1.00		1.20	2.20	1.200	0.300	587.2	0.600	930.0	0.900	1110.0	1.200	1208.0	6.194
30095		34.00	12.30	1.25		1.20	2.45	0.960	0.300	946.4	0.600	1587.0	0.900	2024.0	1.200	2359.0	7.743
30096		34.00	12.30	1.50		1.20	2.70	0.800	0.300	1447.0	0.600	2527.0	0.900	3363.0	1.200	4076.0	9.280
30097		34.00	14.30	1.25		1.15	2.40	0.920	0.288	912.8	0.575	1546.0	0.863	1993.0	1.150	2347.0	7.330
30098		34.00	14.30	1.50		1.05	2.55	0.700	0.263	1224.0	0.525	2192.0	0.788	2990.0	1.050	3704.0	8.799
30099		34.00	16.30	1.50		1.05	2.55	0.700	0.263	1291.0	0.525	2313.0	0.788	3155.0	1.050	3908.0	8.233
30100		34.00	16.30	2.00		0.85	2.85	0.425	0.213	2097.0	0.425	4003.0	0.638	5783.0	0.850	7498.0	10.978
30101	C	35.50	18.30	0.90		1.15	2.05	1.278	0.288	457.7	0.575	712.4	0.863	831.9	1.150	883.8	5.134
30102	B	35.50	18.30	1.25		1.00	2.25	0.800	0.250	730.9	0.500	1277.0	0.750	1699.0	1.000	2059.0	7.131
30103	A	35.50	18.30	2.00		0.80	2.80	0.400	0.200	1864.0	0.400	3576.0	0.600	5187.0	0.800	6747.0	11.410
30104		40.00	14.30	1.25		1.40	2.65	1.120	0.350	904.4	0.700	1459.0	1.050	1780.0	1.400	1984.0	10.755

# Tellerfedern DIN 2093 / EN 16983

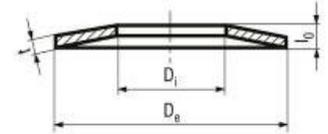
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30105		40.00	14.30	1.50		1.30	2.80	0.867	0.325	1188.0	0.650	2040.0	0.975	2668.0	1.300	3184.0	12.905
30106		40.00	14.30	1.75		1.30	3.05	0.743	0.325	1722.0	0.650	3051.0	0.975	4119.0	1.300	5056.0	15.056
30107		40.00	14.30	2.00		1.05	3.05	0.525	0.263	1800.0	0.525	3363.0	0.788	4769.0	1.050	6096.0	17.207
30108		40.00	16.30	1.50		1.30	2.80	0.867	0.325	1224.0	0.650	2102.0	0.975	2749.0	1.300	3281.0	12.339
30109		40.00	16.30	1.75		1.35	3.10	0.771	0.338	1881.0	0.675	3309.0	1.013	4435.0	1.350	5410.0	14.396
30110		40.00	16.30	2.00		1.10	3.10	0.550	0.275	1972.0	0.550	3663.0	0.825	5169.0	1.100	6580.0	16.499
30111		40.00	18.30	2.00		1.15	3.15	0.575	0.288	2182.0	0.575	4030.0	0.863	5656.0	1.150	7171.0	15.599
30112	C	40.00	20.40	1.00		1.30	2.30	1.300	0.325	565.3	0.650	875.8	0.975	1017.0	1.300	1072.0	7.299
30113	B	40.00	20.40	1.50		1.15	2.65	0.767	0.288	1109.0	0.575	1953.0	0.863	2621.0	1.150	3201.0	10.948
30114		40.00	20.40	2.00		1.10	3.10	0.550	0.275	2175.0	0.550	4041.0	0.825	5701.0	1.100	7258.0	14.590
30115	A	40.00	20.40	2.25		0.90	3.15	0.400	0.225	2336.0	0.450	4481.0	0.675	6500.0	0.900	8456.0	16.422
30116		40.00	20.40	2.50		0.95	3.45	0.380	0.238	3351.0	0.475	6453.0	0.713	9390.0	0.950	12243.0	18.246
30117	C	45.00	22.40	1.25		1.60	2.85	1.280	0.400	1041.0	0.800	1620.0	1.200	1891.0	1.600	2007.0	11.739
30118	B	45.00	22.40	1.75		1.30	3.05	0.743	0.325	1524.0	0.650	2701.0	0.975	3646.0	1.300	4475.0	16.434
30119	A	45.00	22.40	2.50		1.00	3.50	0.400	0.250	2773.0	0.500	5320.0	0.750	7716.0	1.000	10037.0	23.478

# Tellerfedern DIN 2093 / EN 16983

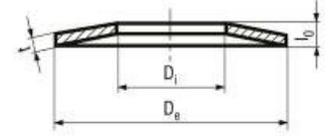
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30120		48.00	16.30	1.50		1.50	3.00	1.000	0.375	1048.0	0.750	1740.0	1.125	2195.0	1.500	2531.0	18.850
30121		50.00	18.40	1.25		1.60	2.85	1.280	0.400	756.9	0.800	1178.0	1.200	1375.0	1.600	1459.0	16.657
30122		50.00	18.40	1.50		1.65	3.15	1.100	0.413	1166.0	0.825	1890.0	1.238	2319.0	1.650	2600.0	19.988
30123		50.00	18.40	2.00		1.65	3.65	0.825	0.413	2229.0	0.825	3868.0	1.238	5114.0	1.650	6163.0	26.651
30124		50.00	18.40	2.50		1.65	4.15	0.660	0.413	3870.0	0.825	7002.0	1.238	9643.0	1.650	12038.0	33.314
30125		50.00	18.40	3.00		1.20	4.20	0.400	0.300	4179.0	0.600	8018.0	0.900	11630.0	1.200	15128.0	39.977
30126		50.00	20.40	2.00		1.50	3.50	0.750	0.375	1966.0	0.750	3478.0	1.125	4687.0	1.500	5745.0	25.695
30127		50.00	20.40	2.50		1.35	3.85	0.540	0.338	3008.0	0.675	5601.0	1.013	7919.0	1.350	10098.0	32.118
30128		50.00	22.40	2.00		1.60	3.60	0.800	0.400	2247.0	0.800	3924.0	1.200	5222.0	1.600	6329.0	24.639
30129		50.00	22.40	2.50		1.40	3.90	0.560	0.350	3261.0	0.700	6044.0	1.050	8510.0	1.400	10817.0	30.799
30130	C	50.00	25.40	1.25		1.60	2.85	1.280	0.400	853.7	0.800	1328.0	1.200	1550.0	1.600	1646.0	14.294
30131		50.00	25.40	1.50		1.60	3.10	1.067	0.400	1242.0	0.800	2028.0	1.200	2512.0	1.600	2844.0	17.153
30132	B	50.00	25.40	2.00		1.40	3.40	0.700	0.350	1949.0	0.700	3491.0	1.050	4762.0	1.400	5898.0	22.871
30133		50.00	25.40	2.25		1.50	3.75	0.667	0.375	2905.0	0.750	5249.0	1.125	7217.0	1.500	8997.0	25.730
30134		50.00	25.40	2.50		1.40	3.90	0.560	0.350	3473.0	0.700	6437.0	1.050	9063.0	1.400	11519.0	28.589

# Tellerfedern DIN 2093 / EN 16983

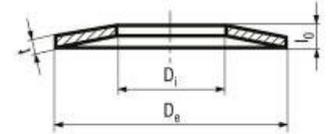
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30135	A	50.00	25.40	3.00		1.10	4.10	0.367	0.275	4255.0	0.550	8214.0	0.825	11976.0	1.100	15640.0	34.306
30136	C	56.00	28.50	1.50		1.95	3.45	1.300	0.488	1458.0	0.975	2259.0	1.463	2622.0	1.950	2766.0	21.489
30137	B	56.00	28.50	2.00		1.60	3.60	0.800	0.400	1910.0	0.800	3335.0	1.200	4438.0	1.600	5379.0	28.653
30138		56.00	28.50	2.50		1.70	4.20	0.680	0.425	3638.0	0.850	6550.0	1.275	8979.0	1.700	11164.0	35.816
30139	A	56.00	28.50	3.00		1.30	4.30	0.433	0.325	4142.0	0.650	7895.0	0.975	11388.0	1.300	14752.0	42.979
30140		60.00	20.50	2.00		2.20	4.20	1.100	0.550	2528.0	1.100	4097.0	1.650	5026.0	2.200	5636.0	39.208
30141		60.00	20.50	2.50		2.20	4.70	0.880	0.550	4151.0	1.100	7102.0	1.650	9255.0	2.200	11008.0	49.099
30142		60.00	20.50	3.00		2.20	5.20	0.733	0.550	6434.0	1.100	11429.0	1.650	15465.0	2.200	19022.0	58.811
30143		60.00	25.50	2.50		1.90	4.40	0.760	0.475	3447.0	0.950	6081.0	1.425	8175.0	1.900	9997.0	45.465
30144		60.00	25.50	3.00		1.65	4.65	0.550	0.413	4495.0	0.825	8352.0	1.238	11784.0	1.650	15002.0	54.557
30145		60.00	30.50	2.50		2.00	4.50	0.800	0.500	4059.0	1.000	7088.0	1.500	9432.0	2.000	11433.0	41.149
30146		60.00	30.50	2.75		2.00	4.75	0.727	0.500	5125.0	1.000	9117.0	1.500	12356.0	2.000	15217.0	45.264
30147		60.00	30.50	3.00		1.70	4.70	0.567	0.425	5083.0	0.850	9407.0	1.275	13226.0	1.700	16792.0	57.608
30148		60.00	30.50	3.50		1.50	5.00	0.429	0.375	6591.0	0.750	12574.0	1.125	18153.0	1.500	23528.0	57.608
30149	C	63.00	31.00	1.80		2.35	4.15	1.306	0.588	2364.0	1.175	3658.0	1.763	4238.0	2.350	4463.0	33.381

# Tellerfedern DIN 2093 / EN 16983

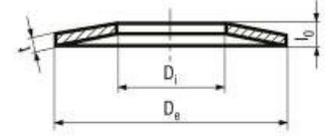
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30150	B	63.00	31.00	2.50		1.75	4.25	0.700	0.438	2942.0	0.875	5270.0	1.313	7189.0	1.750	8904.0	46.362
30151		63.00	31.00	3.00		1.70	4.70	0.567	0.425	4524.0	0.850	8373.0	1.275	11772.0	1.700	14946.0	56.635
30152	A	63.00	31.00	3.50		1.40	4.90	0.400	0.350	5399.0	0.700	10359.0	1.050	15025.0	1.400	19545.0	64.907
30153		70.00	24.50	3.00		2.30	5.30	0.767	0.575	5080.0	1.150	8948.0	1.725	12007.0	2.300	14663.0	79.526
30154		70.00	24.50	3.50		2.50	6.00	0.714	0.625	8446.0	1.250	15076.0	1.875	20495.0	2.500	25309.0	92.781
30155		70.00	25.50	2.00		2.50	4.50	1.250	0.625	2408.0	1.250	3771.0	1.875	4437.0	2.500	4755.0	52.401
30156		70.00	30.50	2.50		2.40	4.90	0.960	0.600	3755.0	1.200	6297.0	1.800	8031.0	2.400	9360.0	61.186
30157		70.00	30.50	3.00		2.10	5.10	0.700	0.525	4676.0	1.050	8376.0	1.575	11426.0	2.100	14152.0	73.423
30158		70.00	35.50	3.00		2.10	5.10	0.700	0.525	5028.0	1.050	9007.0	1.575	12287.0	2.100	15218.0	67.319
30159		70.00	35.50	3.50		1.80	5.30	0.514	0.450	6077.0	0.900	11384.0	1.350	16177.0	1.800	20714.0	78.539
30160		70.00	35.50	4.00		1.80	5.80	0.450	0.450	8757.0	0.900	16634.0	1.350	23923.0	1.800	30919.0	89.759
30161		70.00	35.50	4.00	3.75	1.80	5.80	0.450	0.450	9167.0	0.900	17018.0	1.350	23923.0	2.050	33656.0	84.149
30162		70.00	40.50	4.00		1.70	5.70	0.425	0.425	9025.0	0.850	17230.0	1.275	24889.0	1.700	32274.0	80.388
30163		70.00	40.50	4.00	3.75	1.70	5.70	0.425	0.425	9423.0	0.850	17604.0	1.275	24889.0	1.950	35467.0	75.364
30164		70.00	40.50	5.00		1.40	6.40	0.280	0.350	13646.0	0.700	26719.0	1.050	39410.0	1.400	5199.0	100.485

# Tellerfedern DIN 2093 / EN 16983

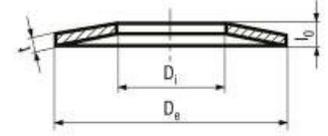
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30165		70.00	40.50	5.00	4.70	1.40	6.40	0.280	0.350	14004.0	0.700	27059.0	1.050	39410.0	1.700	61324.0	94.456
30166	C	71.00	36.00	2.00		2.60	4.60	1.300	0.650	2861.0	1.300	4432.0	1.950	5144.0	2.600	5426.0	46.177
30167	B	71.00	36.00	2.50		2.00	4.50	0.800	0.500	2894.0	1.000	5054.0	1.500	6725.0	2.000	8152.0	57.722
30168	A	71.00	36.00	4.00		1.60	5.60	0.400	0.400	7379.0	0.800	14157.0	1.200	20535.0	1.600	26712.0	92.355
30169		71.00	36.00	4.00	3.75	1.60	5.60	0.400	0.400	7685.0	0.800	14445.0	1.200	20535.0	1.850	29661.0	86.582
30170		80.00	30.50	2.50		2.80	5.30	1.120	0.700	3664.0	1.400	5911.0	2.100	7211.0	2.800	8039.0	84.305
30171		80.00	31.00	3.00		2.50	5.50	0.833	0.625	4531.0	1.250	7847.0	1.875	10352.0	2.500	12451.0	100.598
30172		80.00	31.00	4.00		2.10	6.10	0.525	0.525	7319.0	1.050	13677.0	1.575	19394.0	2.100	24791.0	134.130
30173		80.00	31.00	4.00	3.75	2.10	6.10	0.525	0.525	7717.0	1.050	14049.0	1.575	19394.0	2.350	26327.0	125.747
30174		80.00	35.50	4.00		2.20	6.20	0.550	0.550	8118.0	1.100	15083.0	1.650	21280.0	2.200	27093.0	126.750
30175		80.00	35.50	4.00	3.75	2.20	6.20	0.550	0.550	8577.0	1.100	15512.0	1.650	21280.0	2.450	28564.0	118.828
30176		80.00	36.00	3.00		2.70	5.70	0.900	0.675	5401.0	1.350	9196.0	2.025	11919.0	2.700	14106.0	94.401
30177	C	80.00	41.00	2.25		2.95	5.20	1.311	0.738	3698.0	1.475	5715.0	2.213	6613.0	2.950	6950.0	65.460
30178	B	80.00	41.00	3.00		2.30	5.30	0.767	0.575	4450.0	1.150	7838.0	1.725	10518.0	2.300	12844.0	87.281
30179		80.00	41.00	4.00		2.20	6.20	0.550	0.550	8726.0	1.100	16231.0	1.650	22874.0	2.200	29122.0	116.374

# Tellerfedern DIN 2093 / EN 16983

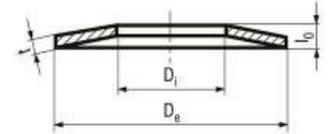
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30180		80.00	41.00	4.00	3.75	2.20	6.20	0.550	0.550	9220.0	1.100	16674.0	1.650	22874.0	2.450	30703.0	109.100
30181	A	80.00	41.00	5.00		1.70	6.70	0.340	0.425	11821.0	0.850	22928.0	1.275	33559.0	1.700	43952.0	145.468
30182		80.00	41.00	5.00	4.70	1.70	6.70	0.340	0.425	12211.0	0.850	23296.0	1.275	33559.0	2.000	50035.0	136.740
30183	C	90.00	46.00	2.50		3.20	5.70	1.280	0.800	4232.0	1.600	6585.0	2.400	7684.0	3.200	8157.0	92.231
30184	B	90.00	46.00	3.50		2.50	6.00	0.714	0.625	5836.0	1.250	10416.0	1.875	14161.0	2.500	17487.0	129.124
30185	A	90.00	46.00	5.00		2.00	7.00	0.400	0.500	11267.0	1.000	21617.0	1.500	31354.0	2.000	40786.0	184.463
30186		90.00	46.00	5.00	4.70	2.00	7.00	0.400	0.500	11713.0	1.000	22035.0	1.500	31354.0	2.300	45141.0	173.395
30187		100.00	41.00	4.00		3.20	7.20	0.800	0.800	8715.0	1.600	15219.0	2.400	20251.0	3.200	24547.0	205.153
30188		100.00	41.00	4.00	3.80	3.20	7.20	0.800	0.800	9215.0	1.600	15683.0	2.400	20251.0	3.400	24547.0	194.896
30189		100.00	41.00	5.00		2.75	7.75	0.550	0.688	12345.0	1.375	22937.0	2.063	32361.0	2.750	41201.0	256.441
30190		100.00	41.00	5.00	4.70	2.75	7.75	0.550	0.688	13013.0	1.375	23561.0	2.063	32361.0	3.050	43381.0	241.055
30191	C	100.00	51.00	2.70		3.50	6.20	1.296	0.875	4779.0	1.750	7410.0	2.625	8609.0	3.500	9091.0	123.164
30192	B	100.00	51.00	3.50		2.80	6.30	0.800	0.700	5624.0	1.400	9823.0	2.100	13070.0	2.800	15843.0	159.657
30193		100.00	51.00	4.00		3.00	7.00	0.750	0.750	8673.0	1.500	15341.0	2.250	20674.0	3.000	25338.0	182.465
30194		100.00	51.00	4.00	3.80	3.00	7.00	0.750	0.750	9156.0	1.500	15789.0	2.250	20674.0	3.200	25555.0	173.342

# Tellerfedern DIN 2093 / EN 16983

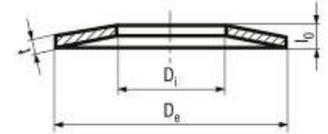
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30195		100.00	51.00	5.00		2.80	7.80	0.560	0.700	13924.0	1.400	25810.0	2.100	36339.0	2.800	46189.0	228.081
30196		100.00	51.00	5.00	4.70	2.80	7.80	0.560	0.700	14689.0	1.400	26525.0	2.100	36339.0	3.100	48503.0	214.397
30197	A	100.00	51.00	6.00		2.20	8.20	0.367	0.550	17061.0	1.100	32937.0	1.650	48022.0	2.200	62711.0	273.698
30198		100.00	51.00	6.00	5.60	2.20	8.20	0.367	0.550	17753.0	1.100	33589.0	1.650	48022.0	2.600	71153.0	255.451
30199		100.00	51.00	7.00	6.55	2.20	9.20	0.314	0.550	27374.0	1.100	52454.0	1.650	75840.0	2.650	115982.0	298.787
30200	C	112.00	57.00	3.00		3.90	6.90	1.300	0.975	5834.0	1.950	9038.0	2.925	10489.0	3.900	11064.0	171.917
30201	B	112.00	57.00	4.00		3.20	7.20	0.800	0.800	7639.0	1.600	13341.0	2.400	17752.0	3.200	21518.0	229.222
30202		112.00	57.00	4.00	3.75	3.20	7.20	0.800	0.800	8192.0	1.600	13855.0	2.400	17752.0	3.450	21468.0	214.896
30203	A	112.00	57.00	6.00		2.50	8.50	0.417	0.625	15800.0	1.250	30215.0	1.875	43707.0	2.500	56737.0	343.833
30204		112.00	57.00	6.00	5.60	2.50	8.50	0.417	0.625	16536.0	1.250	30906.0	1.875	43707.0	2.900	62863.0	320.911
30205		125.00	51.00	4.00		4.50	8.50	1.125	1.125	10096.0	2.250	16265.0	3.375	19817.0	4.500	22060.0	321.182
30206		125.00	51.00	4.00	3.80	4.50	8.50	1.125	1.125	10705.0	2.250	16830.0	3.375	19817.0	4.700	21268.0	305.123
30207		125.00	51.00	5.00		3.90	8.90	0.780	0.975	13063.0	1.950	22931.0	2.925	30669.0	3.900	37342.0	401.478
30208		125.00	51.00	5.00	4.75	3.90	8.90	0.780	0.975	13804.0	1.950	23619.0	2.925	30669.0	4.150	37492.0	381.404
30209		125.00	51.00	6.00		3.40	9.40	0.567	0.850	17027.0	1.700	31514.0	2.550	44307.0	3.400	56254.0	481.773

# Tellerfedern DIN 2093 / EN 16983

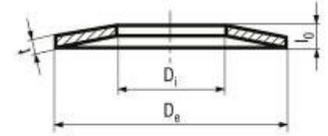
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30210		125.00	51.00	6.00	5.65	3.40	9.40	0.567	0.850	17944.0	1.700	32369.0	2.550	44307.0	3.750	58923.0	453.700
30211		125.00	61.00	5.00		4.00	9.00	0.800	1.000	14615.0	2.000	25526.0	3.000	33965.0	4.000	41170.0	366.953
30212		125.00	61.00	5.00	4.75	4.00	9.00	0.800	1.000	15455.0	2.000	26305.0	3.000	33965.0	4.250	41217.0	348.605
30213		125.00	61.00	6.00		3.60	9.60	0.600	0.900	19789.0	1.800	36336.0	2.700	50722.0	3.600	64028.0	440.343
30214		125.00	61.00	6.00	5.60	3.60	9.60	0.600	0.900	21079.0	1.800	37539.0	2.700	50722.0	4.000	66696.0	410.987
30215		125.00	61.00	8.00	7.50	2.90	10.90	0.363	0.725	34434.0	1.450	65305.0	2.175	93577.0	3.400	138144.0	550.429
30216	C	125.00	64.00	3.50		4.50	8.00	1.286	1.125	8514.0	2.250	13231.0	3.375	15416.0	4.500	16335.0	248.775
30217	B	125.00	64.00	5.00		3.50	8.50	0.700	0.875	12238.0	1.750	21924.0	2.625	29908.0	3.500	37041.0	355.393
30218		125.00	64.00	5.00	4.70	3.50	8.50	0.700	0.875	13031.0	1.750	22661.0	2.625	29908.0	3.800	37673.0	334.069
30219		125.00	64.00	6.00		3.60	9.60	0.600	0.900	20348.0	1.800	37362.0	2.700	52155.0	3.600	65836.0	426.471
30220		125.00	64.00	6.00	5.60	3.60	9.60	0.600	0.900	21674.0	1.800	38599.0	2.700	52155.0	4.000	68579.0	398.040
30221		125.00	64.00	7.00	6.55	3.00	10.00	0.429	0.750	25528.0	1.500	47615.0	2.250	67216.0	3.450	95795.0	465.564
30222	A	125.00	64.00	8.00	7.50	2.60	10.60	0.325	0.650	31118.0	1.300	59520.0	1.950	85926.0	3.100	129972.0	533.039
30223		125.00	71.00	6.00		3.30	9.30	0.550	0.825	19538.0	1.650	36302.0	2.475	51217.0	3.300	65207.0	391.515
30224		125.00	71.00	6.00	5.60	3.30	9.30	0.550	0.825	20725.0	1.650	37411.0	2.475	51217.0	3.700	68887.0	365.140

# Tellerfedern DIN 2093 / EN 16983

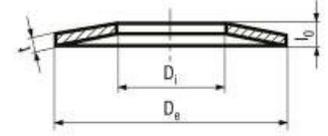
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30225		125.00	71.00	8.00	7.45	2.90	10.90	0.363	0.725	38416.0	1.450	72705.0	2.175	103964.0	3.450	154927.0	486.131
30226		125.00	71.00	10.00	9.30	1.80	11.80	0.180	0.450	42821.0	0.900	84082.0	1.350	124124.0	2.500	223282.0	606.848
30227	C	140.00	72.00	3.80		4.90	8.70	1.289	1.225	9514.0	2.450	14773.0	3.675	17195.0	4.900	18199.0	337.737
30228	B	140.00	72.00	5.00		4.00	9.00	0.800	1.000	12014.0	2.000	20982.0	3.000	27920.0	4.000	33843.0	444.388
30229		140.00	72.00	5.00	4.70	4.00	9.00	0.800	1.000	12847.0	2.000	21756.0	3.000	27920.0	4.300	33792.0	417.724
30230	A	140.00	72.00	8.00	7.50	3.20	11.20	0.400	0.800	31903.0	1.600	59967.0	2.400	85251.0	3.700	123137.0	666.581
30231		150.00	61.00	5.00		5.30	10.30	1.060	1.325	15292.0	2.650	25021.0	3.975	31041.0	5.300	35207.0	578.881
30232		150.00	61.00	5.00	4.75	5.30	10.30	1.060	1.325	16221.0	2.650	25883.0	3.975	31041.0	5.550	34160.0	549.937
30233		150.00	61.00	6.00		4.80	10.80	0.800	1.200	19560.0	2.400	34161.0	3.600	45456.0	4.800	55098.0	694.658
30234		150.00	61.00	6.00	5.70	4.80	10.80	0.800	1.200	20684.0	2.400	35204.0	3.600	45456.0	5.100	55161.0	659.925
30235		150.00	61.00	7.00	6.55	4.80	11.80	0.686	1.200	30593.0	2.400	53294.0	3.600	70442.0	5.250	89248.0	758.335
30236		150.00	71.00	6.00		4.85	10.85	0.808	1.213	21067.0	2.425	36714.0	3.638	48749.0	4.850	58978.0	645.829
30237		150.00	71.00	6.00	5.60	4.85	10.85	0.808	1.213	22703.0	2.425	38235.0	3.638	48749.0	5.250	58662.0	602.774
30238		150.00	71.00	8.00	7.50	4.05	12.05	0.506	1.013	35885.0	2.025	65655.0	3.038	91060.0	4.550	124679.0	807.287
30239		150.00	81.00	8.00	7.50	4.00	12.00	0.500	1.000	38230.0	2.000	70060.0	3.000	97319.0	4.500	133637.0	737.000

# Tellerfedern DIN 2093 / EN 16983

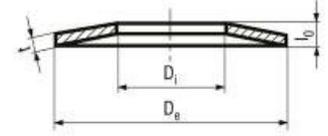
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30240		150.00	81.00	10.00	9.40	3.40	13.40	0.340	0.850	57601.0	1.700	109889.0	2.550	158300.0	4.000	236018.0	923.710
30241	C	160.00	82.00	4.30		5.60	9.90	1.302	1.400	12162.0	2.800	18832.0	4.200	21843.0	5.600	23022.0	500.409
30242		160.00	82.00	4.30	4.15	5.60	9.90	1.302	1.400	12653.0	2.800	19288.0	4.200	21843.0	5.750	22250.0	482.953
30243	B	160.00	82.00	6.00		4.50	10.50	0.750	1.125	17203.0	2.250	30431.0	3.375	41008.0	4.500	50260.0	698.246
30244		160.00	82.00	6.00	5.60	4.50	10.50	0.750	1.125	18496.0	2.250	31633.0	3.375	41008.0	4.900	50562.0	651.696
30245	A	160.00	82.00	10.00	9.40	3.50	13.50	0.350	0.875	50547.0	1.750	96216.0	2.625	138331.0	4.100	204958.0	1094.000
30246		160.00	82.00	11.00	10.20	3.50	14.50	0.318	0.875	66678.0	1.750	127338.0	2.625	183518.0	4.300	284160.0	1187.000
30247	C	180.00	92.00	4.80		6.20	11.00	1.292	1.550	14646.0	3.100	22731.0	4.650	26442.0	6.200	27966.0	708.337
30248		180.00	92.00	4.80	4.60	6.20	11.00	1.292	1.550	15352.0	3.100	23387.0	4.650	26442.0	6.400	26839.0	678.822
30249	B	180.00	92.00	6.00		5.10	11.10	0.850	1.275	16558.0	2.550	28522.0	3.825	37502.0	5.100	44930.0	885.421
30250		180.00	92.00	6.00	5.60	5.10	11.10	0.850	1.275	17866.0	2.550	29767.0	3.825	37502.0	5.500	44355.0	826.393
30251	A	180.00	92.00	10.00	9.40	4.00	14.00	0.400	1.000	46850.0	2.000	88141.0	3.000	125417.0	4.600	180562.0	1387.000
30252		180.00	92.00	13.00	12.10	3.50	16.50	0.269	0.875	84574.0	1.750	163392.0	2.625	237883.0	4.400	381593.0	1786.000
30253		200.00	82.00	5.00	4.80	5.50	10.50	1.100	1.375	9700.0	2.750	15400.0	4.125	18400.0	5.700	20100.0	980.000
30254		200.00	82.00	6.00	5.80	7.00	13.00	1.167	1.750	22300.0	3.500	35000.0	5.250	41200.0	7.200	44200.0	1190.000

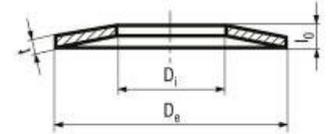
# Tellerfedern DIN 2093 / EN 16983

## Disc Springs DIN 2093 / EN 16983



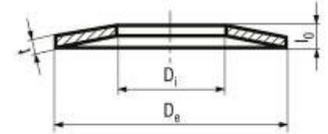
Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30255		200.00	82.00	8.00	7.50	6.20	14.20	0.775	1.550	35519.0	3.100	60470.0	4.650	78034.0	6.700	95329.0	1539.000
30256		200.00	82.00	8.50	8.10	6.00	14.50	0.706	1.500	38500.0	3.000	67200.0	4.500	89300.0	6.400	112100.0	1660.000
30257		200.00	82.00	10.00	9.40	5.50	15.50	0.550	1.375	52053.0	2.750	94245.0	4.125	129445.0	6.100	173523.0	1928.000
30258		200.00	82.00	12.00	11.25	4.60	16.60	0.383	1.150	67868.0	2.300	128082.0	3.450	182737.0	5.350	266449.0	2308.000
30259		200.00	82.00	13.00	12.10	3.50	16.50	0.269	0.875	62100.0	1.750	120000.0	2.625	174800.0	4.400	280300.0	2480.000
30260		200.00	92.00	10.00	9.40	5.60	15.60	0.560	1.400	55657.0	2.800	100501.0	4.200	137688.0	6.200	183777.0	1828.000
30261		200.00	92.00	12.00	11.25	4.80	16.80	0.400	1.200	74572.0	2.400	140170.0	3.600	199269.0	5.550	287825.0	2187.000
30262		200.00	92.00	14.00	13.05	4.10	18.10	0.293	1.025	95817.0	2.050	184267.0	3.075	267227.0	5.050	418519.0	2537.000
30263	C	200.00	102.00	5.50		7.00	12.50	1.273	1.750	19817.0	3.500	30882.0	5.250	36111.0	7.000	38423.0	1004.000
30264		200.00	102.00	5.50	5.30	7.00	12.50	1.273	1.750	20659.0	3.500	31663.0	5.250	36111.0	7.200	37138.0	967.970
30265	B	200.00	102.00	8.00	7.50	5.60	13.60	0.700	1.400	33367.0	2.800	57955.0	4.200	76378.0	6.100	96202.0	1368.000
30266		200.00	102.00	8.30	7.80	6.00	14.30	0.723	1.500	40500.0	3.000	70000.0	4.500	91800.0	6.500	114600.0	1420.000
30267		200.00	102.00	9.00	8.60	5.60	14.60	0.622	1.400	44100.0	2.800	78800.0	4.200	107100.0	6.000	138600.0	1570.000
30268		200.00	102.00	10.00	9.40	5.60	15.60	0.560	1.400	58756.0	2.800	106099.0	4.200	145357.0	6.200	194014.0	1716.000
30269		200.00	102.00	11.00	10.30	4.00	15.00	0.364	1.000	49500.0	2.000	93900.0	3.000	134500.0	4.700	198700.0	1880.000

# Tellerfedern DIN 2093 / EN 16983 Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30270	A	200.00	102.00	12.00	11.25	4.20	16.20	0.350	1.050	66983.0	2.100	127401.0	3.150	183020.0	4.950	272297.0	2053.000
30271		200.00	102.00	14.00	13.05	4.20	18.20	0.300	1.050	103986.0	2.100	199671.0	3.150	289181.0	5.150	450249.0	2381.000
30272		200.00	112.00	6.00	5.80	6.00	12.00	1.000	1.500	19700.0	3.000	32200.0	4.500	39700.0	6.200	45100.0	980.000
30273		200.00	112.00	12.00	11.25	4.20	16.20	0.350	1.050	71671.0	2.100	136317.0	3.150	195830.0	4.950	291355.0	1904.000
30274		200.00	112.00	14.00	13.05	3.50	17.50	0.250	0.875	90576.0	1.750	175719.0	2.625	256758.0	4.450	418407.0	2209.000
30275		200.00	112.00	15.00	14.00	3.00	18.00	0.200	0.750	93500.0	1.500	183100.0	2.250	269700.0	4.000	465200.0	2370.000
30276		200.00	112.00	16.00	14.80	3.80	19.80	0.238	0.950	146464.0	1.900	284370.0	2.850	415725.0	5.000	699348.0	2505.000
30277	C	225.00	112.00	6.50	6.20	7.10	13.60	1.092	1.775	23582.0	3.550	37147.0	5.325	44580.0	7.400	48614.0	1455.000
30278	B	225.00	112.00	8.00	7.50	6.50	14.50	0.813	1.625	32870.0	3.250	55412.0	4.875	70749.0	7.000	85127.0	1761.000
30279		225.00	112.00	9.00	8.45	6.50	15.50	0.722	1.625	43600.0	3.250	75300.0	4.875	98800.0	7.050	123300.0	1980.000
30280		225.00	112.00	10.00	9.40	6.20	16.20	0.620	1.550	52800.0	3.100	93900.0	4.650	126700.0	6.800	164800.0	2200.000
30281		225.00	112.00	10.80	10.00	5.70	16.50	0.528	1.425	58100.0	2.850	105200.0	4.275	144400.0	6.500	197000.0	2350.000
30282	A	225.00	112.00	12.00	11.25	5.00	17.00	0.417	1.250	64497.0	2.500	120738.0	3.750	171016.0	5.750	244783.0	2641.000
30283		225.00	112.00	16.00	14.90	4.50	20.50	0.281	1.125	128407.0	2.250	247489.0	3.375	359590.0	5.600	569897.0	3498.000
30284		250.00	102.00	10.00	9.40	8.00	18.00	0.800	2.000	58157.0	4.000	98485.0	6.000	126387.0	8.600	152967.0	3019.000

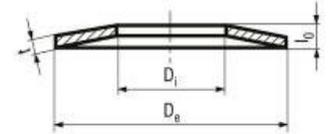
# Tellerfedern DIN 2093 / EN 16983 Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30285		250.00	102.00	12.00	11.25	7.00	19.00	0.583	1.750	75052.0	3.500	134524.0	5.250	182962.0	7.750	242024.0	3613.000
30286	C	250.00	127.00	7.00	6.70	7.80	14.80	1.114	1.950	26895.0	3.900	42527.0	5.850	50466.0	8.100	54733.0	1915.000
30287		250.00	127.00	7.50	7.00	9.00	16.50	1.200	2.250	41900.0	4.500	64400.0	6.750	73500.0	9.500	75100.0	2000.000
30288		250.00	127.00	8.00	7.50	8.00	16.00	1.000	2.000	38439.0	4.000	61836.0	6.000	74819.0	8.500	83455.0	2144.000
30289		250.00	127.00	9.00	8.45	7.60	16.60	0.844	1.900	45900.0	3.800	76800.0	5.700	97300.0	8.150	115600.0	2420.000
30290		250.00	127.00	9.20	8.60	8.20	17.40	0.891	2.050	55200.0	4.100	91000.0	6.150	113400.0	8.800	132000.0	2460.000
30291	B	250.00	127.00	10.00	9.40	7.00	17.00	0.700	1.750	51871.0	3.500	90209.0	5.250	119053.0	7.600	149964.0	2687.000
30292		250.00	127.00	10.50	9.90	7.50	18.00	0.714	1.875	64800.0	3.750	112500.0	5.625	148100.0	8.100	185500.0	2830.000
30293		250.00	127.00	11.00	10.40	7.80	18.80	0.709	1.950	77000.0	3.900	133900.0	5.850	176900.0	8.400	222000.0	2970.000
30294		250.00	127.00	12.00	11.25	7.30	19.30	0.608	1.825	87633.0	3.650	156021.0	5.475	210806.0	8.050	275879.0	3216.000
30295		250.00	127.00	13.00	12.20	6.60	19.60	0.508	1.650	93900.0	3.300	171800.0	4.950	238300.0	7.400	325800.0	3490.000
30296		250.00	127.00	13.50	12.60	6.10	19.60	0.452	1.525	94200.0	3.050	174400.0	4.575	244700.0	7.000	345300.0	3600.000
30297	A	250.00	127.00	14.00	13.10	5.60	19.60	0.400	1.400	93239.0	2.800	175145.0	4.200	248828.0	6.500	360229.0	3745.000
30298		250.00	127.00	14.50	13.60	5.50	20.00	0.379	1.375	100400.0	2.750	189700.0	4.125	270800.0	6.400	395600.0	3890.000
30299		250.00	127.00	15.00	14.10	6.00	21.00	0.400	1.500	122500.0	3.000	230500.0	4.500	327900.0	6.900	472100.0	4030.000

# Tellerfedern DIN 2093 / EN 16983

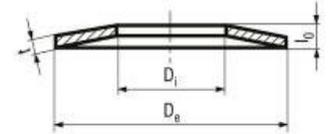
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30300		250.00	127.00	16.00	14.90	5.80	21.80	0.363	1.450	141529.0	2.900	267853.0	4.350	383017.0	6.900	570770.0	4260.000
30301		250.00	127.00	16.80	15.65	5.20	22.00	0.310	1.300	142800.0	2.600	273500.0	3.900	395400.0	6.350	611600.0	4470.000
30302		250.00	127.00	17.50	16.35	4.50	22.00	0.257	1.125	136000.0	2.250	263600.0	3.375	384900.0	5.650	619500.0	4670.000
30303		250.00	127.00	18.50	17.30	4.50	23.00	0.243	1.125	159700.0	2.250	310400.0	3.375	454300.0	5.700	739800.0	4950.000
30304		270.00	127.00	10.65	10.00	7.35	18.00	0.690	1.838	53800.0	3.675	93700.0	5.513	123900.0	8.000	156700.0	3500.000
30305		270.00	142.00	22.00		4.90	26.90	0.223	1.225	248700.0	2.450	490700.0	3.675	728300.0	4.900	963500.0	7150.000
30306		280.00	127.00	12.00	11.40	9.40	21.40	0.783	2.350	95400.0	4.700	163100.0	7.050	211600.0	10.000	258300.0	4380.000
30307		280.00	127.00	19.00	18.00	6.00	25.00	0.316	1.500	178200.0	3.000	342600.0	4.500	496800.0	7.000	741600.0	6910.000
30308		280.00	142.00	12.00	11.30	9.00	21.00	0.750	2.250	95100.0	4.500	163400.0	6.750	212900.0	9.700	262900.0	4060.000
30309		280.00	142.00	15.00	14.10	6.40	21.40	0.427	1.600	105700.0	3.200	197600.0	4.800	279500.0	7.300	396800.0	5060.000
30310		280.00	142.00	16.60	15.60	6.65	23.25	0.401	1.663	146600.0	3.325	275800.0	4.988	392300.0	7.650	564800.0	5600.000
30311		280.00	142.00	17.45	16.40	6.45	23.90	0.370	1.613	162300.0	3.225	307600.0	4.838	440400.0	7.500	645100.0	5890.000
30312		280.00	142.00	18.00	16.90	6.00	24.00	0.333	1.500	162600.0	3.000	310600.0	4.500	447900.0	7.100	672000.0	6070.000
30313		280.00	142.00	18.90	17.80	5.70	24.60	0.302	1.425	175800.0	2.850	338300.0	4.275	491000.0	6.800	748700.0	6390.000
30314		280.00	142.00	20.30	19.10	5.10	25.40	0.251	1.275	190600.0	2.550	370300.0	3.825	542100.0	6.300	862700.0	6860.000

# Tellerfedern DIN 2093 / EN 16983

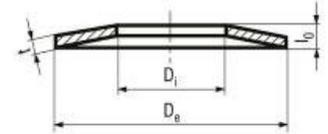
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30315		280.00	142.00	22.00	20.65	4.35	26.35	0.198	1.088	202800.0	2.175	397600.0	3.263	586300.0	5.700	996900.0	7410.000
30316		280.00	152.00	12.80	11.90	7.00	19.80	0.547	1.750	82100.0	3.500	148000.0	5.250	202500.0	7.900	273200.0	4060.000
30317		280.00	152.00	15.00	14.00	6.40	21.40	0.427	1.600	111300.0	3.200	207500.0	4.800	292700.0	7.400	418700.0	4770.000
30318		280.00	152.00	18.50	17.40	5.10	23.60	0.276	1.275	152700.0	2.550	295400.0	3.825	430600.0	6.200	571500.0	5930.000
30319		300.00	127.00	12.00	11.30	9.00	21.00	0.750	2.250	76300.0	4.500	131000.0	6.750	170700.0	9.700	210800.0	5150.000
30320		300.00	127.00	13.00	12.30	7.50	20.50	0.577	1.875	70900.0	3.750	127800.0	5.625	174900.0	8.200	231100.0	5600.000
30321		300.00	127.00	14.00	13.30	7.00	21.00	0.500	1.750	78300.0	3.500	144200.0	5.250	201400.0	7.700	273700.0	6060.000
30322		300.00	127.00	15.30		7.50	22.80	0.490	1.875	104600.0	3.750	197000.0	5.625	281200.0	7.500	361400.0	6970.000
30323		300.00	127.00	16.00	15.20	8.30	24.30	0.519	2.075	140200.0	4.150	257000.0	6.225	357400.0	9.100	482200.0	6920.000
30324		300.00	127.00	17.00	16.10	6.80	23.80	0.400	1.700	128400.0	3.400	242200.0	5.100	345500.0	7.700	492600.0	7330.000
30325		300.00	127.00	17.40	16.45	5.25	22.65	0.302	1.313	101100.0	2.625	194800.0	3.938	283000.0	6.200	428200.0	7490.000
30326		300.00	152.00	8.50	8.25	8.30	16.80	0.976	2.075	31300.0	4.150	51500.0	6.225	64100.0	8.550	73700.0	3400.000
30327		300.00	152.00	10.00	9.40	10.00	20.00	1.000	2.500	64900.0	5.000	104500.0	7.500	126600.0	10.600	141500.0	3880.000
30328		300.00	152.00	12.00	11.30	9.00	21.00	0.750	2.250	82800.0	4.500	142200.0	6.750	185300.0	9.700	228900.0	4660.000
30329		300.00	152.00	13.00	12.20	9.00	22.00	0.692	2.250	101200.0	4.500	176200.0	6.750	232800.0	9.800	294200.0	5030.000

# Tellerfedern DIN 2093 / EN 16983

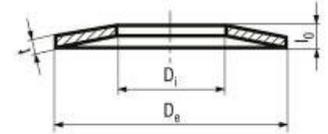
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30330		300.00	152.00	14.00	13.20	8.00	22.00	0.571	2.000	102500.0	4.000	184700.0	6.000	252700.0	8.800	335200.0	5440.000
30331		300.00	152.00	14.50	13.60	7.50	22.00	0.517	1.875	103400.0	3.750	188600.0	5.625	260900.0	8.400	355300.0	5610.000
30332		300.00	152.00	15.00	14.10	8.00	23.00	0.533	2.000	123100.0	4.000	223900.0	6.000	308900.0	8.900	417100.0	5820.000
30333		300.00	152.00	15.50	14.60	8.00	23.50	0.516	2.000	134100.0	4.000	245200.0	6.000	339900.0	8.900	461800.0	6020.000
30334		300.00	152.00	16.10	15.10	7.60	23.70	0.472	1.900	139200.0	3.800	257000.0	5.700	359500.0	8.600	500100.0	6230.000
30335		300.00	152.00	16.50		6.50	23.00	0.394	1.625	117500.0	3.250	225600.0	4.875	327600.0	6.500	426400.0	6810.000
30336		300.00	152.00	17.00	16.00	7.40	24.40	0.435	1.850	155600.0	3.700	290300.0	5.550	410000.0	8.400	578800.0	6600.000
30337		300.00	152.00	18.00	16.80	7.00	25.00	0.389	1.750	170900.0	3.500	321700.0	5.250	457700.0	8.200	669000.0	6930.000
30338		300.00	152.00	18.50	17.40	6.50	25.00	0.351	1.625	167900.0	3.250	319600.0	4.875	459500.0	7.600	679600.0	7180.000
30339		300.00	152.00	19.50	18.30	6.70	26.20	0.344	1.675	202200.0	3.350	385200.0	5.025	554200.0	7.900	826600.0	7550.000
30340		300.00	152.00	20.00	18.80	5.50	25.50	0.275	1.375	173000.0	2.750	334500.0	4.125	487600.0	6.700	761900.0	7750.000
30341		300.00	152.00	20.50	19.30	6.00	26.50	0.293	1.500	204700.0	3.000	394700.0	4.500	573800.0	7.200	881200.0	7960.000
30342		300.00	182.00	12.00	11.10	6.00	18.00	0.500	1.500	54400.0	3.000	99100.0	4.500	136900.0	6.900	189600.0	3890.000
30343		320.00	172.00	8.10	7.60	8.20	16.30	1.012	2.050	26200.0	4.100	42000.0	6.150	50600.0	8.700	56200.0	3410.000
30344		320.00	172.00	9.00	8.50	10.00	19.00	1.111	2.500	47000.0	5.000	73900.0	7.500	87100.0	10.500	93500.0	3820.000

# Tellerfedern DIN 2093 / EN 16983

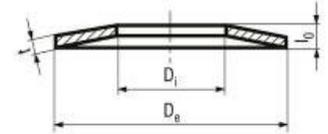
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30345		320.00	172.00	13.00	12.20	7.00	20.00	0.538	1.750	64400.0	3.500	117000.0	5.250	161000.0	7.800	21710.0	5480.000
30346		320.00	172.00	15.00	14.10	6.00	21.00	0.400	1.500	77600.0	3.000	146100.0	4.500	207900.0	6.900	299300.0	6330.000
30347		340.00	172.00	9.20	8.65	10.20	19.40	1.109	2.550	43700.0	5.100	68600.0	7.650	80700.0	10.750	86300.0	4590.000
30348		340.00	172.00	9.50	8.90	11.30	20.80	1.189	2.825	57000.0	5.650	87900.0	8.475	100800.0	11.900	104000.0	4720.000
30349		340.00	172.00	10.50	9.90	12.00	22.50	1.143	3.000	78300.0	6.000	122200.0	9.000	142500.0	12.600	150800.0	5250.000
30350		340.00	172.00	11.00	10.40	11.40	22.40	1.036	2.850	78300.0	5.700	125400.0	8.550	151000.0	12.000	167000.0	5520.000
30351		340.00	172.00	11.50	10.80	11.40	22.90	0.991	2.850	87000.0	5.700	140300.0	8.550	170400.0	12.100	191000.0	5730.000
30352		340.00	172.00	12.50	11.80	10.50	23.00	0.840	2.625	90800.0	5.250	152500.0	7.875	194000.0	11.200	231400.0	6260.000
30353		340.00	172.00	13.50	12.70	10.00	23.50	0.741	2.500	101300.0	5.000	174300.0	7.500	227600.0	10.800	282100.0	6740.000
30354		340.00	172.00	13.70	12.90	10.60	24.30	0.774	2.650	115000.0	5.300	196200.0	7.950	253900.0	11.400	310700.0	6840.000
30355		340.00	172.00	14.20	13.30	10.20	24.40	0.718	2.550	118800.0	5.100	205200.0	7.650	268900.0	11.100	336100.0	7050.000
30356		340.00	172.00	14.60	13.70	10.50	25.10	0.719	2.625	132700.0	5.250	229400.0	7.875	300900.0	11.400	376100.0	7270.000
30357		340.00	172.00	15.30	14.40	9.40	24.70	0.614	2.350	126200.0	4.700	224700.0	7.050	303700.0	10.300	396100.0	7640.000
30358		340.00	172.00	15.80	14.80	9.70	25.50	0.614	2.425	144000.0	4.850	255900.0	7.275	345200.0	10.700	450700.0	7850.000
30359		340.00	172.00	16.20	15.20	9.40	25.60	0.580	2.350	146700.0	4.700	263200.0	7.050	358400.0	10.400	474600.0	8060.000

# Tellerfedern DIN 2093 / EN 16983

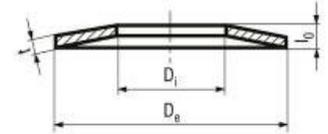
## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30360		340.00	172.00	17.00	16.00	8.30	25.30	0.488	2.075	140300.0	4.150	258300.0	6.225	360400.0	9.300	496100.0	8490.000
30361		340.00	172.00	17.30	16.30	8.80	26.10	0.509	2.200	158700.0	4.400	290800.0	6.600	403900.0	9.800	550500.0	8640.000
30362		340.00	172.00	18.00	16.90	8.00	26.00	0.444	2.000	156400.0	4.000	291000.0	6.000	409800.0	9.100	577300.0	8960.000
30363		340.00	172.00	20.00	18.70	8.00	28.00	0.400	2.000	209500.0	4.000	393500.0	6.000	558900.0	9.300	809800.0	9920.000
30364		340.00	172.00	22.00	20.60	6.00	28.00	0.273	1.500	195500.0	3.000	377900.0	4.500	550600.0	7.400	869300.0	10900.000
30365		360.00	182.00	15.50	14.60	8.00	23.50	0.516	2.000	93000.0	4.000	170000.0	6.000	235700.0	8.900	320300.0	8680.000
30366		360.00	182.00	20.00	18.80	8.30	28.30	0.415	2.075	194800.0	4.150	365200.0	6.225	518000.0	9.400	739800.0	11200.000
30367		360.00	182.00	21.00	19.70	7.00	28.00	0.333	1.750	182000.0	3.500	347500.0	5.250	501000.0	8.300	752700.0	11700.000
30368		360.00	182.00	21.50	20.20	8.00	29.50	0.372	2.000	227700.0	4.000	431200.0	6.000	617000.0	9.300	902900.0	12000.000
30369		360.00	182.00	23.00	21.60	7.20	30.20	0.313	1.800	243300.0	3.600	466700.0	5.400	675700.0	8.600	1027000.0	12800.000
30370		370.00	202.00	25.00	23.20	6.40	31.40	0.256	1.600	271200.0	3.200	525000.0	4.800	765700.0	8.200	1252000.0	13700.000
30371		370.00	202.00	26.00	24.20	6.80	32.80	0.262	1.700	324500.0	3.400	628000.0	5.100	915500.0	8.600	1480000.0	14300.000
30372		380.00	152.00	19.00	18.00	10.00	29.00	0.526	2.500	174600.0	5.000	319100.0	7.500	442400.0	11.000	596100.0	13500.000
30373		380.00	192.00	13.50	12.70	12.70	26.20	0.941	3.175	120300.0	6.350	196600.0	9.525	242400.0	13.500	277600.0	8420.000
30374		380.00	192.00	25.00	23.40	8.00	33.00	0.320	2.000	313100.0	4.000	599300.0	6.000	865600.0	9.600	1318000.0	15500.000

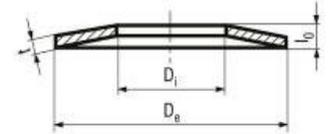
# Tellerfedern DIN 2093 / EN 16983

## Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30375		380.00	202.00	12.00	11.50	13.00	25.00	1.083	3.250	98100.0	6.500	156300.0	9.750	187300.0	13.500	205700.0	7350.000
30376		380.00	202.00	15.00	14.10	12.00	27.00	0.800	3.000	144400.0	6.000	244600.0	9.000	313900.0	12.900	379900.0	9000.000
30377		380.00	212.00	18.00	16.70	9.00	27.00	0.500	2.250	158000.0	4.500	288300.0	6.750	398700.0	10.300	551200.0	10200.000
30378		400.00	202.00	10.00	9.60	12.00	22.00	1.200	3.000	50100.0	6.000	77900.0	9.000	90400.0	12.400	95200.0	7050.000
30379		400.00	202.00	12.00	11.30	14.50	26.50	1.208	3.625	107500.0	7.250	165400.0	10.875	189200.0	15.200	194700.0	8300.000
30380		400.00	202.00	14.00	13.20	13.00	27.00	0.929	3.250	122400.0	6.500	200800.0	9.750	248900.0	13.800	286700.0	9700.000
30381		400.00	202.00	16.00	15.10	12.00	28.00	0.750	3.000	146600.0	6.000	252100.0	9.000	328800.0	12.900	406200.0	11100.000
30382		400.00	202.00	19.00	17.90	11.00	30.00	0.579	2.750	198900.0	5.500	357700.0	8.250	488200.0	12.100	645800.0	13200.000
30383		400.00	202.00	20.30	19.10	10.80	31.10	0.532	2.700	230900.0	5.400	420300.0	8.100	580100.0	12.000	783300.0	14000.000
30384		400.00	202.00	21.20	19.90	10.20	31.40	0.481	2.550	240700.0	5.100	443500.0	7.650	619200.0	11.500	857100.0	14600.000
30385		400.00	202.00	22.50	21.20	10.00	32.50	0.444	2.500	274900.0	5.000	512000.0	7.500	722000.0	11.300	1014000.0	15600.000
30386		400.00	202.00	30.00	28.20	7.20	37.20	0.240	1.800	422500.0	3.600	822700.0	5.400	1206000.0	9.000	1945000.0	20700.000
30387		440.00	212.00	18.50		13.50	32.00	0.730	3.375	190400.0	6.750	338500.0	10.125	458400.0	13.500	564300.0	17000.000
30388		440.00	252.00	25.00	23.20	8.00	33.00	0.320	2.000	257500.0	4.000	491700.0	6.000	708500.0	9.800	1094000.0	18600.000
30389		450.00	202.00	25.50	24.00	8.60	34.10	0.337	2.150	241500.0	4.300	461200.0	6.450	665000.0	10.100	991000.0	23900.000

# Tellerfedern DIN 2093 / EN 16983 Disc Springs DIN 2093 / EN 16983



Art No.	Series	Dimensions							s=0.25ho		s0.50ho		s=0.75ho		s=ho		N.W. 1K(pcs)
		D	d	t	t'	ho	Ho	ho/t	s	F	s	F	s	F	s	F	
30390		450.00	252.00	21.00	19.50	12.00	33.00	0.571	3.000	251200.0	6.000	449800.0	9.000	610900.0	13.500	814900.0	16700.000
30391		450.00	252.00	25.00	23.30	8.80	33.80	0.352	2.200	269500.0	4.400	511400.0	6.600	733000.0	10.500	1099000.0	20000.000
30392		470.00	237.00	33.00	31.00	9.00	42.00	0.273	2.250	516100.0	4.500	999000.0	6.750	1456000.0	11.000	2282000.0	31500.000
30393		480.00	252.00	20.30	19.00	12.70	33.00	0.626	3.175	207400.0	6.350	367200.0	9.525	493500.0	14.000	641300.0	19600.000
30394		480.00	252.00	20.70		15.90	36.60	0.768	3.975	285500.0	7.950	502600.0	11.925	674300.0	15.900	823100.0	21300.000
30395		500.00	202.00	37.00	35.00	7.40	44.40	0.200	1.850	466200.0	3.700	914900.0	5.550	1350000.0	9.400	2233000.0	45100.000
30396		500.00	242.00	32.00	30.00	9.00	41.00	0.281	2.250	408400.0	4.500	788400.0	6.750	1147000.0	11.000	1794000.0	35400.000
30397		500.00	252.00	19.00		15.50	34.50	0.816	3.875	200100.0	7.750	348100.0	11.625	461300.0	15.500	557200.0	21900.000
30398		600.00	282.00	22.00		22.00	44.00	1.000	5.500	340100.0	11.000	564800.0	16.500	712400.0	22.000	821500.0	38000.000
30399		600.00	282.00	24.00		22.00	46.00	0.917	5.500	413600.0	11.000	701300.0	16.500	905000.0	22.000	1066000.0	41500.000

**Tellerfedern DIN 2093 / EN 16983**  
**Disc Springs DIN 2093 / EN 16983**

