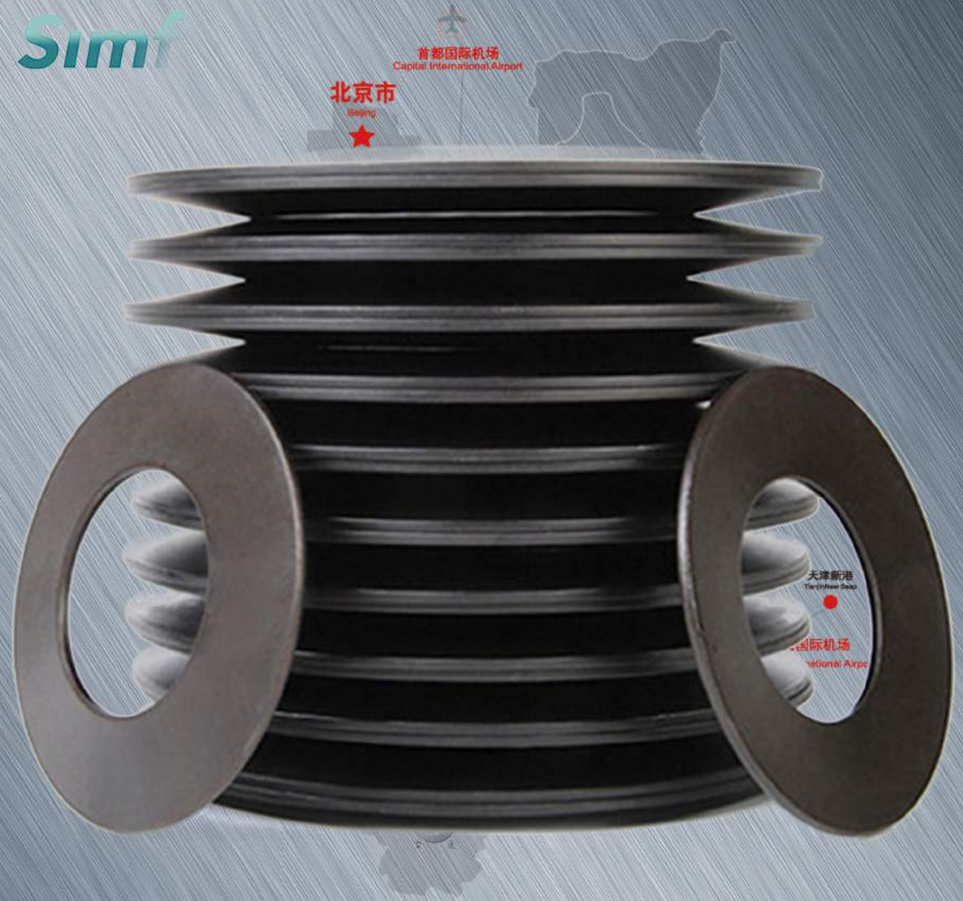


TIANJIN SIMFLEX COMPANY LTD

Address: RM 1001, Rongchuang Binhai Ceter, Xiangluowan Business Zone, Binhai New Area, Tianjin China

Tel: +86 22-65359011-8009

Phone: +86-15233656820/ 18522094458

Website: www.simf-parts.com

Email: sales5@simflex.cn/ wangyu@simflex.cn

TIANJIN SIMFLEX COMPANY LTD

DISC SPRINGS' WORLD

WORLD' S DISC SPRINGS

CHINA● TIANJIN

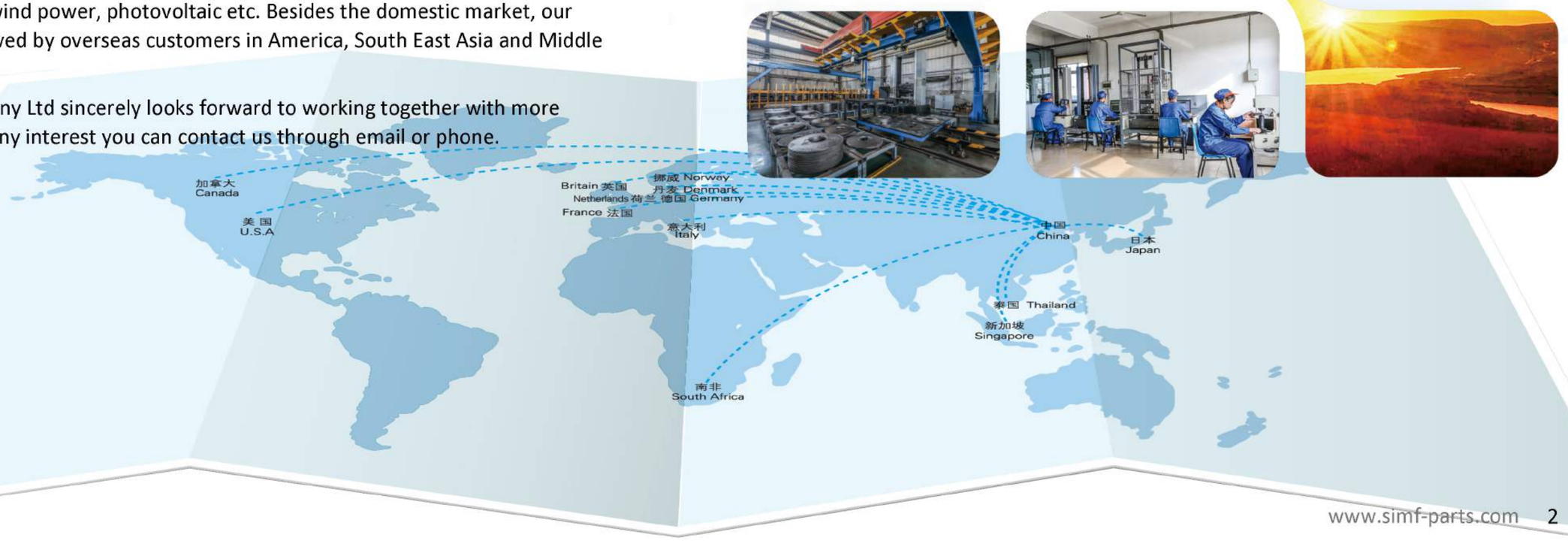
01 Simf COMPANY PROFILE

Tianjin SIMFLEX Company LTD. was established in 2003. We export different types of springs, lock washer, bearings, fasteners etc. We always been focusing on providing professional and personalized services to customers by our R&D, manufacturing and sales departments.
Our products are strictly according to the standards and requirements of Chinese standard, Germany standard, American standard, JIS standard, international standard. We also accept customization according to the samples or drawings provided by customers.

The material we use include 65MN, 55CrSi, SK5/ SK7 springs steel, SUS 304/316 etc.
We also provide different surface treatment: White zinc plated, color zinc plated, dacromet, geomet, and black finishing etc, which can satisfy the market needs.
We use SAP system to manage our logistic chain. We promise to provide customers with reliable and high quality products and quick response services to assist our customer to improve the competitiveness in the market.

Our products are widely used in the industry of railways, mechanical equipment. Elevators, motors, automobiles, wind power, photovoltaic etc. Besides the domestic market, our products are well received by overseas customers in America, South East Asia and Middle East, European market.

Tianjin SIMFLEX Company Ltd sincerely looks forward to working together with more customer worldwide. Any interest you can contact us through email or phone.



05 Simf PRODUCT DISPLAY

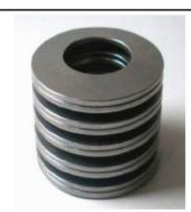
Standard disc spring series

Product series in line with GB/T1972
Product series in line with JB/T 3812

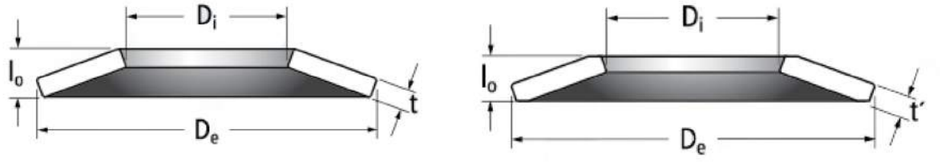
Material Data

Material	Standard				Character
	GB	DIN	JIS	ASTM	
Carbon steel and carbon alloy steel	65Mn	C67S	SWRH67A/WRH67B	1566	After being cold drawn and hardened, the strength is relatively high, with certain flexibility and plasticity. It is mainly used for smaller size springs, such as pressure regulating springs, force measuring springs, round and square spiral springs on general machinery,
	T8Mn	C85W	SK85 (SK5)	SAE1085	These materials with high strength and hardness, high elastic limit and fatigue limit. But with poor welding performance and cold plastic deformation ability. Mainly used in the manufacture of springs and wear-resistant parts.
	T7A	C70W2	SK7	SAE1070	
	50CrVA	51CrV4/50CrV4	SUP10	G6150	This is the most common material used in springs production. As this material has the character of good mechanical properties and process properties, high hardenability, high fatigue strength, and high yield ratio.
	60Si2MnA	60SiCr7	SUP7	ASTM9260	It is suitable for the production of high load, heart-resistant springs below 250℃.
Corrosion resistant steel	17Cr-7Ni	X12CrNi177	SUS301	301	SUS301 stainless steel with high strenght that is used in railway vehicles, belt conveyors, bolts and nuts, springs, etc.
	0Cr18Ni9	X5CrNi1810	SUS304	304	Good heat resistance, widely used in the production of corrosion-resistant and formability equipment and parts. At present, the most widely used stainless steel material on the market.
	0Cr17Ni12Mo2	X5CrNiMo1712	SUS316	316	SUS 316 has good high temperature strength and high corrosion resistance. Suitable for applicable equipment in seawater, chemistry, dyes, papermaking, etc.
	0Cr17Ni7Al	X7CrNiAl17-7	SUS631	17-7PH	Character: High strength/ high hardness/ fatigue resistance/ Good corrosion resistance. The spring performance is still good when the temperature reaches 316℃
High temperature steel	GH4145	NiCr15Fe7TiAl	NCF750	Inconel X-750	It has good relaxation resistance below 540°C, stuitable the flat springs and coil springs that requires high-strength relaxation-resistant.
	GH4169	NiCr19Fe19Nb5Mo3	(X718)	UNS NO7718	It has high strength, good toughness and corrosion resistance. Widely used in high and low temperature environments below 650°C. Application: 1. Steam turbine 2. Liquid fuel rocket 3. Cryogenic engineering 4. Acidic environment 5. Nuclear engineering
Special alloy	QBe2	CUBe2.0		C17300	High electrical conductivity, thermal conductivity and cold resistance.

Surface treatment

Phosphating and oiling	Oxidation	Zinc plating	Geomet coating	Electrophoresis coating
				

Subdivision of disc springs into groups



De: Outside Diameter Io: Free Height
Di: Inside Diameter t: Thickness

In accordance with DIN 2093 Standard, Disc Springs are classified into 3 groups as given in the table:

GROUP	THICKNESS OF SINGLE DISC IN MM	SINGLE DISC WITH GROUND ENDS & REDUCED MATERIAL THICKNESS (T')
1	less than 1.25	NO
2	From 1.25 to 6	NO
3	Over 6 upto 14	Yes

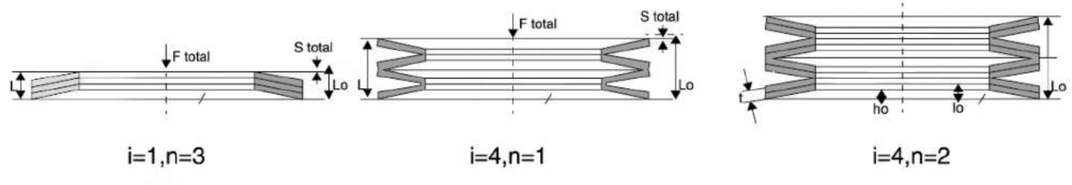
Subdivision of disc springs into series A, B and C in accordance with DIN2093

In accordance with the ratios of De/t, ho/t, k4▪ho'/t'
disc Springs are classified into A, B, C series as given in the table:

SERIES	A	B	C
De/t	≈18	≈28	≈40
ho/t and k4▪ho'/t'	≈0.4	≈0.75	≈1.3
Characteristic curve form	Nearly linear	Slightly regressive	Strongly regreesive
Spring force	High	Medium	Low

Stacking disc springs

F= Force of single disc spring
S= Deflection of single disc spring
Io= Free height of single disc spring
Lo= Total free height of disc springs
L= Thickness
n= Numbers in series stacking
i= Number in parallel stacking
K4= 1.05-1.15



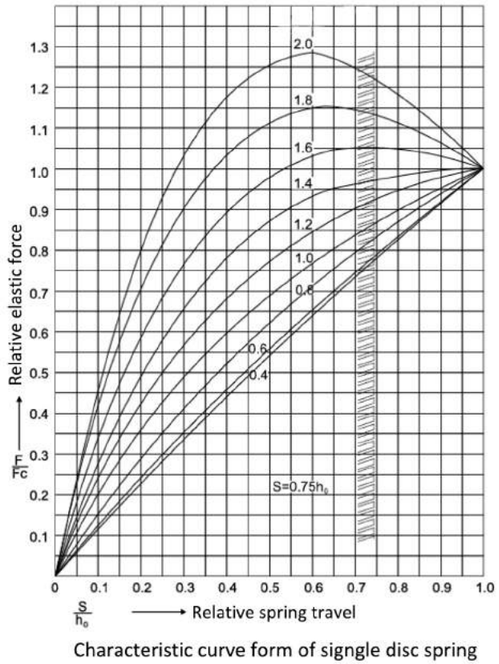
i=1,n=3 i=4,n=1 i=4,n=2

■Stacking Disc Springs in Series
Total F = n • F
Total S = S
Lo = Io + (n-1) • t

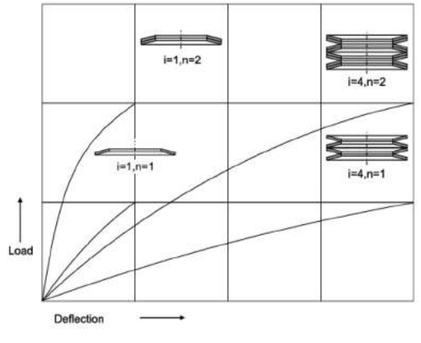
■Stacking Disc Springs in Parallel
Total F = F
Total S = i • S
Lo = Io • i

■Stacking Disc Springs in Series and Parallel
Total F = n • F
Total S = i • S
Lo = i • [Io + (n-1) • t]

Characteristic curve form of the disc springs

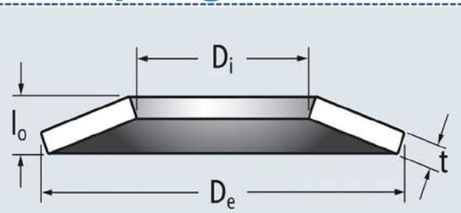


Characteristic curve form of signgle disc spring



Characteristic curve form of stacking dis springs

Disc Springs



Part No.	De mm	Di mm	t mm	lo mm	Weight /1000pcs kgs
SIM001	6.00	3.20	0.30	0.45	0.043
SIM002	8.00	3.20	0.20	0.40	0.061
SIM003	8.00	3.20	0.30	0.55	0.092
SIM004	8.00	3.20	0.40	0.60	0.123
SIM005	8.00	3.20	0.50	0.70	0.154
SIM006	8.00	4.20	0.20	0.45	0.052
SIM007	8.00	4.20	0.30	0.55	0.078
SIM008	8.00	4.20	0.40	0.60	0.105
SIM009	10.00	3.20	0.30	0.65	0.156
SIM010	10.00	3.20	0.40	0.70	0.209
SIM011	10.00	3.20	0.50	0.75	0.262
SIM012	10.00	4.20	0.40	0.70	0.191
SIM013	10.00	4.20	0.50	0.75	0.239
SIM014	10.00	4.20	0.60	0.85	0.287
SIM015	10.00	5.20	0.25	0.55	0.104
SIM016	10.00	5.20	0.40	0.70	0.167
SIM017	10.00	5.20	0.50	0.75	0.210
SIM018	12.00	4.20	0.40	0.80	0.295
SIM019	12.00	4.20	0.50	0.85	0.369
SIM020	12.00	4.20	0.60	1.00	0.444
SIM021	12.00	5.20	0.50	0.90	0.340
SIM022	12.00	5.20	0.60	0.95	0.408
SIM023	12.00	6.20	0.50	0.85	0.303
SIM024	12.00	6.20	0.60	0.95	0.364
SIM025	12.50	5.20	0.50	0.85	0.377
SIM026	12.50	6.20	0.35	0.80	0.237
SIM027	12.50	6.20	0.50	0.85	0.340
SIM028	12.50	6.20	0.70	1.00	0.474
SIM029	14.00	7.20	0.35	0.80	0.291
SIM030	14.00	7.20	0.50	0.90	0.418
SIM031	14.00	7.20	0.80	1.10	0.667
SIM032	15.00	5.20	0.40	0.95	0.466
SIM033	15.00	5.20	0.50	1.00	0.584
SIM034	15.00	5.20	0.60	1.05	0.702
SIM035	15.00	5.20	0.70	1.10	0.814

Part No.	De mm	Di mm	t mm	lo mm	Weight /1000pcs kgs
SIM036	15.00	6.20	0.50	1.00	0.547
SIM037	15.00	6.20	0.60	1.05	0.657
SIM038	15.00	6.20	0.70	1.11	0.762
SIM039	15.00	8.20	0.70	1.10	0.637
SIM040	15.00	8.20	0.80	1.20	0.730
SIM041	16.00	8.20	0.40	0.90	0.439
SIM042	16.00	8.20	0.60	1.05	0.662
SIM043	16.00	8.20	0.70	1.15	0.768
SIM044	16.00	8.20	0.80	1.20	0.879
SIM045	16.00	8.20	0.90	1.25	0.990
SIM046	18.00	6.20	0.40	1.00	0.675
SIM047	18.00	6.20	0.50	1.10	0.846
SIM048	18.00	6.20	0.60	1.20	1.020
SIM049	18.00	6.20	0.70	1.25	1.180
SIM050	18.00	6.20	0.80	1.30	1.350
SIM051	18.00	8.20	0.50	1.10	0.756
SIM052	18.00	8.20	0.70	1.25	1.050
SIM053	18.00	8.20	0.80	1.30	1.210
SIM054	18.00	8.20	1.00	1.40	1.540
SIM055	18.00	9.20	0.45	1.05	0.630
SIM056	18.00	9.20	0.70	1.20	0.979
SIM057	18.00	9.20	1.00	1.40	1.400
SIM058	20.00	8.20	0.50	1.15	0.982
SIM059	20.00	8.20	0.60	1.30	1.180
SIM060	20.00	8.20	0.70	1.35	1.370
SIM061	20.00	8.20	0.80	1.40	1.570
SIM062	20.00	8.20	0.90	1.45	1.770
SIM063	20.00	8.20	1.00	1.55	1.960
SIM064	20.00	10.20	0.40	0.90	0.691
SIM065	20.00	10.20	0.50	1.15	0.866
SIM066	20.00	10.20	0.80	1.35	1.380
SIM067	20.00	10.20	0.90	1.45	1.560
SIM068	20.00	10.20	1.00	1.55	1.730
SIM069	20.00	10.20	1.10	1.55	1.910
SIM070	20.00	10.20	1.20	1.55	2.080

Part No.	De mm	Di mm	t mm	lo mm	Weight /1000pcs kgs
SIM071	20.00	10.20	1.50	1.80	2.52
SIM072	22.50	11.20	0.60	0.60	1.35
SIM073	22.50	11.20	0.80	0.80	1.79
SIM074	22.50	11.20	1.25	1.25	2.81
SIM075	23.00	8.20	0.70	1.50	1.91
SIM076	23.00	8.20	0.80	1.55	2.19
SIM077	23.00	8.20	0.90	1.60	2.47
SIM078	23.00	8.20	1.00	1.70	2.74
SIM079	23.00	10.20	0.90	1.65	2.26
SIM080	23.00	10.20	1.00	1.70	2.51
SIM081	23.00	10.20	1.25	1.90	3.15
SIM082	23.00	12.20	1.00	1.60	2.23
SIM083	23.00	12.20	1.25	1.85	2.80
SIM084	23.00	12.20	1.50	2.10	3.36
SIM085	25.00	10.20	1.00	1.75	3.09
SIM086	25.00	12.20	0.70	1.60	1.96
SIM087	25.00	12.20	0.90	1.60	2.53
SIM088	25.00	12.20	1.00	1.80	2.81
SIM089	25.00	12.20	1.25	1.95	3.52
SIM090	25.00	12.20	1.50	2.05	4.12
SIM091	28.00	10.20	0.80	1.75	3.24
SIM092	28.00	10.20	1.00	1.90	4.05
SIM093	28.00	10.20	1.25	2.05	5.08
SIM094	28.00	10.20	1.50	2.20	6.10
SIM095	28.00	12.20	1.00	1.95	3.78
SIM096	28.00	12.20	1.25	2.10	4.73
SIM097	28.00	12.20	1.50	2.25	5.68
SIM098	28.00	14.20	0.80	1.80	2.75
SIM099	28.00	14.20	1.00	1.80	3.45
SIM100	28.00	14.20	1.25	2.10	4.32
SIM101	28.00	14.20	1.50	2.15	5.19
SIM102	31.50	12.20	1.00	2.10	5.02
SIM103	31.50	12.20	1.25	2.20	6.29
SIM104	31.50	12.20	1.50	2.35	7.56
SIM105	31.50	16.30	0.80	1.85	3.43
SIM106	31.50	16.30	1.25	2.15	5.39
SIM107	31.50	16.30	1.50	2.40	6.47
SIM108	31.50	16.30	1.75	2.45	7.56
SIM109	31.50	16.30	2.00	2.75	8.64
SIM110	34.00	12.20	1.00	2.25	6.01
SIM111	34.00	12.20	1.25	2.35	7.41
SIM112	34.00	12.20	1.50	2.50	9.10
SIM113	34.00	14.30	1.25	2.40	7.10
SIM114	34.00	14.30	1.50	2.55	8.42
SIM115	34.00	16.30	1.50	2.55	7.86
SIM116	34.00	16.30	2.00	2.85	10.30
SIM117	35.50	18.30	0.90	2.05	4.94
SIM118	35.50	18.30	1.25	2.25	6.88
SIM119	35.50	18.30	2.00	2.80	11.00

Part No.	De mm	Di mm	t mm	lo mm	Weight /1000pcs kgs
SIM120	40.00	14.20	1.25	2.65	9.80
SIM121	40.00	14.20	1.50	2.75	12.35
SIM122	40.00	14.20	2.00	3.05	16.30
SIM123	40.00	16.30	1.50	2.80	12.00
SIM124	40.00	16.30	2.00	3.10	16.00
SIM125	40.00	18.30	2.00	3.15	15.20
SIM126	40.00	20.40	1.00	2.30	7.00
SIM127	40.00	20.40	1.50	2.65	10.60
SIM128	40.00	20.40	2.00	3.10	14.20
SIM129	40.00	20.40	2.25	3.15	16.00
SIM130	40.00	20.40	2.50	3.45	17.00
SIM131	45.00	22.40	1.25	2.85	11.40
SIM132	45.00	22.40	1.75	3.05	16.00
SIM133	45.00	22.40	2.50	3.50	22.90
SIM134	50.00	18.30	1.25	2.85	16.30
SIM135	50.00	18.30	1.50	3.30	19.18
SIM136	50.00	18.30	2.00	3.50	25.31
SIM137	50.00	18.30	2.50	3.85	31.80
SIM138	50.00	18.30	3.00	4.00	39.30
SIM139	50.00	20.40	2.00	3.50	24.30
SIM140	50.00	20.40	2.50	3.85	30.60
SIM141	50.00	22.40	2.00	3.60	23.40
SIM142	50.00	22.40	2.50	3.90	29.30
SIM143	50.00	25.40	1.25	2.85	13.90
SIM144	50.00	25.40	1.50	3.10	16.70
SIM145	50.00	25.40	2.00	3.40	22.30
SIM146	50.00	25.40	2.25	3.75	25.10
SIM147	50.00	25.40	2.50	3.90	27.90
SIM148	50.00	25.40	3.00	4.10	33.50
SIM149	56.00	28.50	1.50	3.45	20.90
SIM150	56.00	28.50	2.00	3.60	27.90
SIM151	56.00	28.50	2.50	4.20	35.00
SIM152	56.00	28.50	3.00	4.30	42.14
SIM153	60.00	20.40	2.00	1.05	38.20
SIM154	60.00	20.40	2.50	0.72	48.20
SIM155	60.00	20.40	3.00	0.57	57.80
SIM156	60.00	25.50	2.50	0.76	44.50
SIM157	60.00	25.50	3.00	4.65	53.50
SIM158	60.00	30.50	2.50	4.50	40.20
SIM159	60.00	30.50	2.75	4.75	44.20
SIM160	60.00	30.50	3.00	4.70	48.20
SIM161	60.00	30.50	3.50	5.00	56.30
SIM162	63.00	31.00	1.80	4.15	31.70
SIM163	63.00	31.00	2.50	4.25	45.30
SIM164	63.00	31.00	3.00	4.80	52.90
SIM165	63.00	31.00	3.50	4.90	62.00
SIM166	70.00	25.50	2.00	4.50	51.50
SIM167	70.00	30.50	2.50	4.90	60.00
SIM168	70.00	30.50	3.00	5.10	72.10

Part No.	De mm	Di mm	t mm	lo mm	Weight /1000pcs kgs
SIM169	70.0	35.5	3.00	5.10	64.50
SIM170	70.0	35.5	3.50	5.30	75.50
SIM171	70.0	35.5	4.00	5.80	88.00
SIM172	70.0	35.5	4.00	5.80	82.50
SIM173	70.0	40.5	4.00	5.60	78.61
SIM174	70.0	40.5	4.00	5.60	73.70
SIM175	70.0	40.5	5.00	6.20	98.26
SIM176	70.0	40.5	5.00	6.20	90.40
SIM177	71.0	36.0	2.00	4.60	45.20
SIM178	71.0	36.0	2.50	4.50	56.50
SIM179	71.0	36.0	4.00	5.60	90.70
SIM180	71.0	36.0	4.00	5.60	85.00
SIM181	80.0	31.0	2.50	5.30	81.20
SIM182	80.0	31.0	3.00	5.50	97.00
SIM183	80.0	31.0	4.00	6.10	126.10
SIM184	80.0	31.0	4.00	6.10	124.00
SIM185	80.0	36.0	3.00	5.70	91.00
SIM186	80.0	36.0	4.00	6.20	123.70
SIM187	80.0	36.0	4.00	6.20	116.00
SIM188	80.0	41.0	2.25	5.20	64.70
SIM189	80.0	41.0	3.00	5.30	84.00
SIM190	80.0	41.0	4.00	6.20	114.10
SIM191	80.0	41.0	4.00	6.20	107.00
SIM192	80.0	41.0	5.00	6.70	143.00
SIM193	80.0	41.0	5.00	6.70	131.00
SIM194	90.0	46.0	2.5	5.70	90.50
SIM195	90.0	46.0	3.5	6.00	124.50
SIM196	90.0	46.0	5.0	7.00	181.00
SIM197	90.0	46.0	5.0	7.00	170.00
SIM198	100.0	41.0	4.0	7.20	202.7
SIM199	100.0	41.0	4.0	7.20	190.0
SIM200	100.0	41.0	5.0	7.75	252.6
SIM201	100.0	41.0	5.0	7.75	240.0
SIM202	100.0	51.0	2.7	6.20	121.0
SIM203	100.0	51.0	3.5	6.30	157.0
SIM204	100.0	51.0	4.0	7.00	179.2
SIM205	100.0	51.0	4.0	7.00	168.0
SIM206	100.0	51.0	5.0	7.80	224.2
SIM207	100.0	51.0	5.0	7.80	213.0
SIM208	100.0	51.0	6.0	8.20	265.7
SIM209	100.0	51.0	6.0	8.20	251.0
SIM210	100.0	51.0	7.0	9.20	295.0
SIM211	112.0	57.0	3.0	6.90	169.0
SIM212	112.0	57.0	4.0	7.20	226.0
SIM213	112.0	57.0	4.0	7.20	212.0
SIM214	112.0	57.0	6.0	8.50	339.0
SIM215	112.0	57.0	6.0	8.50	316.0
SIM216	125.0	41.0	4.0	8.20	339.2
SIM217	125.0	41.0	4.0	8.20	318.0
SIM218	125.0	51.0	4.0	8.50	316.8
SIM219	125.0	51.0	4.0	8.50	297.0
SIM220	125.0	51.0	5.0	8.90	396.8
SIM221	125.0	51.0	5.0	8.90	373.0
SIM222	125.0	51.0	6.0	9.40	475.7
SIM223	125.0	51.0	6.0	9.40	444.0
SIM224	125.0	61.0	5.0	9.00	361.7
SIM225	125.0	61.0	5.0	9.00	340.0
SIM226	125.0	61.0	6.0	9.60	433.9
SIM227	125.0	61.0	6.0	9.60	405.0
SIM228	125.0	61.0	8.0	10.90	550.0
SIM229	125.0	64.0	3.5	8.00	245.0
SIM230	125.0	64.0	5.0	8.50	350.0
SIM231	125.0	64.0	5.0	8.50	329.0
SIM232	125.0	64.0	6.0	9.60	420.0
SIM233	125.0	64.0	6.0	9.60	392.0
SIM234	125.0	64.0	7.0	10.00	458.0
SIM235	125.0	64.0	8.0	10.60	525.0
SIM236	125.0	71.0	6.0	9.30	385.7
SIM237	125.0	71.0	6.0	9.30	360.0
SIM238	125.0	71.0	8.0	10.40	475.0
SIM239	125.0	71.0	10.0	11.80	591.0
SIM240	140.0	72.0	3.8	8.70	333.0
SIM241	140.0	72.0	3.8	8.70	333.0
SIM242	140.0	72.0	5.0	9.00	438.3
SIM243	140.0	72.0	5.0	9.00	412.0
SIM244	140.0	72.0	8.0	11.20	657.0
SIM245	150.0	61.0	5.0	10.30	572.9
SIM246	150.0	61.0	5.0	10.30	550.0
SIM247	150.0	61.0	6.0	10.80	686.9
SIM248	150.0	61.0	6.0	10.80	664.0
SIM249	150.0	71.0	6.0	10.80	638.2
SIM250	150.0	71.0	6.0	10.80	601.0
SIM251	150.0	71.0	8.0	12.00	797.0
SIM252	150.0	81.0	8.0	11.70	727.0
SIM253	150.0	81.0	10.0	13.00	901.0
SIM254	160.0	82.0	4.3	9.9	494.0
SIM255	160.0	82.0	4.3	9.9	494.0
SIM256	160.0	82.0	6.0	10.5	681.0
SIM257	160.0	82.0	6.0	10.5	644.0
SIM258	160.0	82.0	10.0	13.5	1080.0
SIM259	180.0	92.0	4.8	11.0	700.0
SIM260	180.0	92.0	4.8	11.0	700.0
SIM261	180.0	92.0	6.0	11.1	864.0
SIM262	180.0	92.0	6.0	11.1	817.0
SIM263	180.0	92.0	10.0	14.0	1370
SIM264	180.0	92.0	13.0	16.5	1770
SIM265	200.0	82.0	8.0	14.2	1540
SIM266	200.0	82.0	10.0	15.5	1920
SIM267	200.0	82.0	12.0	16.6	2310
SIM268	200.0	92.0	10.0	15.6	1830
SIM269	200.0	92.0	12.0	16.8	2190
SIM270	200.0	92.0	14.0	18.1	2540
SIM271	200.0	102.0	5.5	12.5	993
SIM272	200.0	102.0	5.5	12.5	993
SIM273	200.0	102.0	8.0	13.6	1350
SIM274	200.0	102.0	10.0	15.6	1700
SIM275	200.0	102.0	12.0	16.2	2030
SIM276	200.0	102.0	14.0	18.2	2360
SIM277	200.0	112.0	12.0	16.2	1860
SIM278	200.0	112.0	14.0	17.5	2130
SIM279	200.0	112.0	16.0	18.8	2410
SIM280	225.0	112.0	6.0	13.6	1390
SIM281	225.0	112.0	6.5	13.6	1436
SIM282	225.0	112.0	8.0	14.5	1700
SIM283	225.0	112.0	12.0	17.0	2620
SIM284	225.0	112.0	16.0	20.5	3490
SIM285	250.0	102.0	10.0	18.0	3030
SIM286	250.0	102.0	12.0	19.0	3580
SIM287	250.0	127.0	6.5	14.8	1840
SIM288	250.0	127.0	7.0	14.8	1897
SIM289	250.0	127.0	10.0	17.0	2610
SIM290	250.0	127.0	12.0	19.3	3150
SIM291	250.0	127.0	14.0	19.6	3660
SIM292	250.0	127.0	16.0	21.8	4280
SIM293	265.0	136.0	14.7	20.5	4673
SIM294	280.0	141.0	15.5	21.7	5576
SIM295	300.0	151.0	16.7	23.3	6900
SIM296	315.0	161.0	17.5	24.4	7888
SIM297	335.0	171.0	18.6	25.9	9487
SIM298	355.0	181.2	19.7	27.5	11280
SIM299	375.0	191.2	20.8	29.0	13310
SIM300	400.0	201.2	22.2	31.0	16320
SIM301	425.0	216.2	23.6	32.9	19440
SIM302	450.0	231.2	25.0	34.8	22920
SIM303	475.0	241.2	26.4	36.8	27200
SIM304	500.0	251.4	27.8	38.8	31950
SIM305	530.0	271.4	29.5	41.1	37620
SIM306	560.0	281.4	31.1	43.5	44850
SIM307	600.0	301.4	33.3	46.6	55150

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PRODUCT APPLICATION

Our disc springs are widely used in electric power (high-voltage switchgear power transmission and transformation), Wind power equipment, metallurgy, chemical industry, engineering machinery (clutches, brakes), instrumentation, military industry (artillery, aircrafts, warships and other large weapons), construction (steel structure, bridges), drilling equipment, piping systems and other industries and fields.
Relying on strong technical strength, excellent product quality, efficient production speed, honest cooperation attitude and first-class after-sales service.