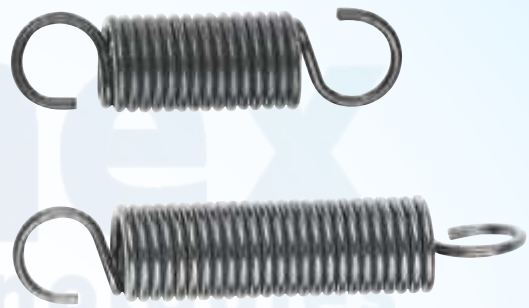
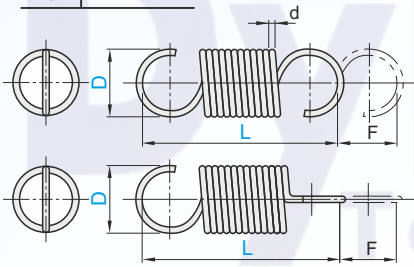


Extra Light Load / Light Load / Light Medium Load / Medium Load

Type	Material
DAW□ DBWT	SWP-A
DAUT DBUT	SUS304-WPB

DAW□  
DAUT (Stainless Steel)

DBWT  
DBUT (Stainless Steel)



Medium Heavy Load Type

Part No.		Wire Dia dmm	Dynamic Load		(Initial Tension) N	(Spring Constant) N / mm
Type	D-L		Max Deflection Fmax. mm	Max. Load N		
AWF	3-10	0.45	2.2	6.47	1.57	2.26
	15		4.5			1.08
	20		6.7			0.74
	25		9.1			0.54
	30		11.4			0.43
AWF	4-15	0.55	4.5	8.43	1.86	1.47
	20		7.1			0.93
	25		10.0			0.66
	30		12.6			0.52
	35		15.2			0.43
AWF	5-15	0.7	3.9	14.71	2.45	3.14
	20		6.9			1.77
	25		9.6			1.28
	30		12.5			0.98
	35		15.6			0.78
AWF	6-20	0.9	3.9	23.54	5.88	4.51
	25		6.0			2.94
	30		7.8			2.26
	35		10.0			1.77
	40		12.0			1.47
AWF	8-25	1.1	5.8	31.38	6.86	4.23
	30		8.3			2.94
	35		10.9			2.26
	40		13.2			1.86
	45		15.6			1.57
AWF	10-30	1.4	6.5	49.03	12.75	5.58
	35		10.7			4.17
	40		12.9			3.39
	45		15.2			2.81
	50		17.2			2.39
AWF	12-35	1.8	7.0	83.36	23.54	12.0
	40		9.0			8.55
	45		11.0			6.65
	50		13.0			5.44
	55		14.5			4.60
AWF	40	1.8	9.0	83.36	23.54	8.55
	45		11.0			6.65
	50		13.0			5.44
	55		14.5			4.60
	60		17.8			3.36
AWF	70	1.8	8.7	83.36	23.54	4.13
	80		21.3			2.81
	90		24.5			2.44
	100		27.5			2.18

Heavy Load Type \* marked dimensions are for DAWT and DAUT only.

Part No.		Wire Dia dmm	Dynamic Load		(Initial Tension) N	(Spring Constant) N / mm
Type	D-L		Max Deflection Fmax. mm	Max. Load N		
DAWT DAUT DBWT DBUT	3-10	0.5	2	8.8	2.16	3.24
	15		3.7			1.77
	20		5.2			1.27
	25		6.8			0.98
	*30		8.5			0.78
DAWT DAUT DBWT DBUT	4-15	0.6	4	11.1	2.55	2.16
	20		6.4			1.37
	25		8.4			0.98
	30		10.9			0.78
	*35		12.4			0.69
DAWT DAUT DBWT DBUT	5-15	0.8	2.9	20.79	5.1	5.39
	20		4.6			3.43
	25		6.4			2.45
	30		8.4			1.86
	35		10			1.57
DAWT DBWT DAUT DBUT	6-20	1	3.7	33.15	8.6	6.57
	25		5.3			4.61
	30		6.9			3.53
	35		8.3			2.94
	40		10			2.45
DAWT DBWT DAUT DBUT	*45	1.2	10.8	41.19	9.81	2.27
	*50		12.5			1.96
	*55		14.3			1.71
	*60		15.6			1.57
	*65		16.8			1.87
DAWT DBWT DAUT DBUT	8-25	1.6	5.3	77.47	20.59	5.88
	30		7.3			4.31
	35		9.1			3.43
	40		11.9			2.65
	45		13.6			2.35
DAWT DBWT DAUT DBUT	50	1.6	15.5	77.47	20.59	2.06
	*55		17			1.87
	*60		18.8			1.67
	*65		20.6			1.52
	*70		22.8			1.38
DAWT DBWT DAUT DBUT	10-30	2	5.2	120.62	34.3	10.89
	35		6.8			8.34
	40		8.4			6.77
	45		10			5.69
	50		11.6			4.9
DAWT	55	2	13.2	120.62	34.3	4.31
	60		15.2			3.73
	*65		17			3.35
	*70		19.3			2.95
	*75		20.7			2.75
DAWT	*80	2.3	24.1	154.95	45.11	2.36
	*90		26.3			2.16
	*100		29			1.96
	12-40		6.6			13.04
	45		7.7			11.18
DAWT	50	2.3	9.4	154.95	45.11	9.22
	55		10.5			8.24
	60		12.1			7.16
	65		13.1			6.57
	70		14.9			5.79
DAWT	75	2.6	16	195.15	55.9	5.39
	80		17.6			4.9
	*90		19.1			4.52
	*100		22			3.92
	14-40		5.8			19.02
DAWT	45	2.6	7	236.34	68.65	15.59
	50		8.4			13.14
	55		9.6			11.47
	60		10.9			10.1
	65		12.9			8.53
DAWT	70	2.9	14.2	281.45	82.38	7.75
	75		15.3			7.16
	80		16.7			6.57
	90		18.6			5.91
	100		21.1			5.21
DAWT	125	3.2	28	430.51	123.6	3.92
	16-50		7.5			18.63
	55		9			15.49
	60		10.4			13.34
	65		11.9			11.67
DAWT	70	3.2	13.4	281.45	82.38	10.4
	75		15			9.32
	80		16.5			8.43
	90		19.4			7.16
	100		22.4			6.18
DAWT	125	4	28.4	430.51	123.6	4.9
	150		35.5			3.92
	18-55		8.3			20.1
	60		10			16.67
	65		11.6			14.71
DAWT	70	4	12.5	430.51	123.6	13.44
	75		14.1			11.77
	80		15.8			10.79
	90		18.4			9.12
	100		21.6			7.75
DAWT	125	4	27.1	430.51	123.6	6.19
	150		34.2			4.9
	20-60		9.2			21.57
	70		11.9			16.67
	80		14.7			13.53
DAWT	90	4	17.5	430.51	123.6	11.38
	100		20.1			9.9
	125		27.8			7.16
	150		33.8			5.89
	175		40.6			4.9
DAWT	24-80	4	11.7	430.51	123.6	26.48
	90		13.7			22.46
	100		16.6			18.63
	125		22.5			13.63
	150		28.5			10.79
DAWT	175	4	34.4	430.51	123.6	8.92
	200		41.2			7.45

\* Initial tension and spring constant are for reference only. Load (kgf) = Load N x 0.101972

