

**DWH Fmax (許容たわみ量) = L × 30%**

■数量別価格値引率 (1円未満切捨て)

数量	1~9	10~19	20~99	100~500
値引率	表示価格	5%	10%	15%

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外径 D	自由長 L	線径 d	密着長 mm (約)	F max	荷重 N(kgf)	code No.	単価 1~9個
4	*5	0.45	2.7	1.5	4.4 (0.5)	DWH 4-5	
	*10	0.45	2.7	3.0	8.8 (0.9)	10	62
	15	0.55	5.8	4.5	12.7 (1.3)	15	
	20	0.60	8.4	6.0	17.7 (1.8)	20	
	25	0.65	12.7	7.5	21.6 (2.2)	25	66
	30	0.65	12.7	9.0	26.5 (2.7)	30	
5	*5	0.60	3.3	1.5	8.8 (0.9)	DWH 5-5	
	10	0.70	5.5	3.0	17.7 (1.8)	10	62
	15	0.75	7.5	4.5	26.5 (2.7)	15	
	20	0.75	7.5	6.0	35.3 (3.6)	20	
	25	0.85	13.6	7.5	44.1 (4.5)	25	66
	30	0.85	13.6	7.5	44.1 (4.5)	30	
6	*5	0.65	3.3	1.5	8.8 (0.9)	DWH 6-5	
	10	0.75	5.2	3.0	17.7 (1.8)	10	63
	15	0.80	6.4	4.5	26.5 (2.7)	15	
	20	0.90	9.9	6.0	35.3 (3.6)	20	
	25	0.90	9.9	7.5	44.1 (4.5)	25	66
	30	1.00	16.0	9.0	53.0 (5.4)	30	
6	35	1.00	16.0	10.5	61.8 (6.3)	35	
	40	1.10	25.0	12.0	70.6 (7.2)	40	68
	45	1.10	25.0	11.2	65.7 (6.7)	45	
	50	1.20	39.6	10.0	63.2 (6.4)	50	
	55	1.20	39.6	14.0	88.4 (9.0)	55	
	60	1.20	42.2	14.0	82.4 (8.4)	60	72
8	65	1.20	42.2	14.0	82.4 (8.4)	65	
	70	1.20	42.2	15.0	88.3 (9.0)	70	
	10	0.90	5.4	3.0	17.7 (1.8)	DWH 8-10	
	15	1.00	8.0	4.5	26.5 (2.7)	15	72
	20	1.10	11.5	6.0	35.3 (3.6)	20	
	25	1.10	11.5	7.5	44.1 (4.5)	25	
8	30	1.20	16.8	9.0	53.0 (5.4)	30	
	35	1.20	16.8	10.5	61.8 (6.3)	35	77
	40	1.20	16.8	12.0	70.6 (7.2)	40	
	45	1.30	24.7	13.5	79.4 (8.1)	45	
	50	1.30	24.7	15.0	88.3 (9.0)	50	
	55	1.40	35.0	16.5	97.1 (9.9)	55	
10	60	1.40	35.0	18.0	105.9 (10.8)	60	81
	65	1.40	35.0	17.0	100.0 (10.2)	65	
	70	1.40	35.0	19.0	111.8 (11.4)	70	
	10	1.00	5.4	3.0	17.7 (1.8)	DWH 10-10	
	15	1.10	7.0	4.5	26.5 (2.7)	15	
	20	1.20	9.6	6.0	35.3 (3.6)	20	
10	25	1.20	9.6	7.5	44.1 (4.5)	25	
	30	1.30	13.9	9.0	53.0 (5.4)	30	81
	35	1.40	18.0	10.5	61.8 (6.3)	35	
	40	1.40	18.0	12.0	70.6 (7.2)	40	
	45	1.50	25.0	13.5	79.4 (8.1)	45	
	50	1.50	25.0	15.0	88.3 (9.0)	50	
12	55	1.50	25.0	16.5	97.1 (9.9)	55	
	60	1.50	25.0	18.0	105.9 (10.8)	60	
	65	1.60	35.0	19.5	114.7 (11.7)	65	86
	70	1.60	35.0	21.0	123.6 (12.6)	70	
	80	1.70	45.9	24.0	141.2 (14.4)	80	
	10	1.20	6.9	3.0	17.7 (1.8)	DWH 12-10	
12	15	1.30	9.1	4.5	26.5 (2.7)	15	
	20	1.30	9.1	6.0	35.3 (3.6)	20	
	25	1.30	9.1	7.5	44.1 (4.5)	25	
	30	1.40	11.9	9.0	53.0 (5.4)	30	84
	35	1.40	11.9	10.5	61.8 (6.3)	35	
	40	1.50	15.4	12.0	70.6 (7.2)	40	
12	45	1.50	15.4	13.5	79.4 (8.1)	45	
	50	1.60	20.4	15.0	88.3 (9.0)	50	
	55	1.60	20.4	16.5	97.1 (9.9)	55	89

外径 D	自由長 L	線径 d	密着長 mm (約)	F max	荷重 N(kgf)	code No.	単価 1~9個
12	60	1.70	26.8	18.0	105.9 (10.8)	DWH 12-60	
	65	1.70	26.8	19.5	114.7 (11.7)	65	89
	70	1.80	35.1	21.0	123.6 (12.6)	70	
	80	1.90	45.6	24.0	141.2 (14.4)	80	
13	10	1.30	6.2	3.0	29.4 (3.0)	DWH 13-10	
	15	1.50	9.3	4.5	44.1 (4.5)	15	
	20	1.60	12.3	6.0	58.8 (6.0)	20	
	25	1.60	12.3	7.5	73.5 (7.5)	25	86
	30	1.70	15.0	9.0	88.3 (9.0)	30	
	35	1.70	15.0	10.5	103.0 (10.5)	35	
13	40	1.80	19.0	12.0	117.7 (12.0)	40	
	45	1.90	25.0	13.5	132.4 (13.5)	45	
	50	1.90	25.0	15.0	147.1 (15.0)	50	
	55	2.00	30.0	16.5	161.8 (16.5)	55	
	60	2.00	30.0	18.0	176.5 (18.0)	60	90
	65	2.10	39.0	19.5	191.2 (19.5)	65	
14	70	2.10	39.0	21.0	205.9 (21.0)	70	
	80	2.10	39.0	24.0	235.4 (24.0)	80	
	15	1.60	10.4	4.5	44.1 (4.5)	DWH 14-15	
	20	1.60	10.4	6.0	58.8 (6.0)	20	
	25	1.60	10.4	7.5	73.5 (7.5)	25	99
	30	1.70	12.8	9.0	88.3 (9.0)	30	
14	35	1.70	12.8	10.5	103.0 (10.5)	35	
	40	1.90	20.0	12.0	117.7 (12.0)	40	
	45	1.90	20.0	13.5	132.4 (13.5)	45	
	50	2.10	30.5	15.0	147.1 (15.0)	50	
	55	2.10	30.5	16.5	161.8 (16.5)	55	
	60	2.10	30.5	18.0	176.5 (18.0)	60	108
16	65	2.20	37.4	19.5	191.2 (19.5)	65	
	70	2.20	37.4	21.0	205.9 (21.0)	70	
	80	2.30	47.2	24.0	235.4 (24.0)	80	
	15	1.70	10.2	4.5	44.1 (4.5)	DWH 16-15	
	20	1.80	12.6	6.0	58.8 (6.0)	20	
	25	1.90	14.5	7.5	73.5 (7.5)	25	108
16	30	1.90	14.5	9.0	88.3 (9.0)	30	
	35	2.00	18.0	10.5	103.0 (10.5)	35	
	40	2.10	21.0	12.0	117.7 (12.0)	40	
	45	2.20	26.0	13.5	132.4 (13.5)	45	
	50	2.20	26.0	15.0	147.1 (15.0)	50	
	55	2.20	26.0	16.5	161.8 (16.5)	55	
18	60	2.30	32.0	18.0	176.5 (18.0)	60	
	65	2.30	32.0	19.5	191.2 (19.5)	65	117
	70	2.40	38.0	21.0	205.9 (21.0)	70	
	80	2.50	47.5	24.0	235.4 (24.0)	80	
	20	2.10	12.6	6.0	88.3 (9.0)	DWH 18-20	
	25	2.20	15.4	7.5	109.8 (11.2)	25	
18	30	2.20	15.4	9.0	132.4 (13.5)	30	
	35	2.30	18.4	10.5	154.0 (15.7)	35	126
	40	2.40	21.6	12.0	176.5 (18.0)	40	
	45	2.50	25.0	13.5	198.1 (20.2)	45	
	50	2.50	25.0	15.0	220.6 (22.5)	50	
	55	2.60	30.0	16.5	242.2 (24.7)	55	
20	60	2.60	30.0	18.0	264.8 (27.0)	60	
	65	2.80	42.0	19.5	286.4 (29.2)	65	135
	70	2.80	42.0	21.0	308.9 (31.5)	70	
	80	2.90	49.3	24.0	353.0 (36.0)	80	
	90	3.00	57.0	26.1	383.4 (39.1)	90	144
	100	3.00	57.0	24.0	353.0 (36.0)	100	
20	20	2.20	12.7	6.0	88.3 (9.0)	DWH 20-20	
	25	2.30	15.0	7.5	109.8 (11.2)	25	
	30	2.30	15.0	9.0	132.4 (13.5)	30	
	35	2.50	20.0	10.5	154.0 (15.7)	35	131
	40	2.50	20.0	12.0	176.5 (18.0)	40	
	45	2.50	20.0	13.5	198.1 (20.2)	45	
50	2.60	22.8	15.0	220.6 (22.5)	50		

外径 D	自由長 L	線径 d	密着長 mm (約)	F max	荷重 N(kgf)	code No.	単価 1~9個
20	55	2.60	22.8	16.5	242.2 (24.7)	DWH 20-55	
	60	2.80	30.8	18.0	264.8 (27.0)	60	140
	65	2.80	30.8	19.5	286.4 (29.2)	65	
	70	3.00	42.0	21.0	308.9 (31.5)	70	
	80	3.00	42.0	24.0	353.0 (36.0)	80	
	90	3.20	56.8	27.0	397.2 (40.5)	90	149
22	100	3.20	56.8	30.0	441.3 (45.0)	100	
	20	2.30	12.7	6.0	88.3 (9.0)	DWH 22-20	
	25	2.50	16.7	7.5	109.8 (11.2)	25	
	30	2.50	16.7	9.0	132.4 (13.5)	30	
	35	2.60	18.2	10.5	154.0 (15.7)	35	135
	40	2.80	25.0	12.0	176.5 (18.0)	40	
22	45	2.80	25.0	13.5	198.1 (20.2)	45	
	50	2.80	25.0	15.0	220.6 (22.5)	50	
	55	3.00	33.0	16.5	242.2 (24.7)	55	
	60	3.00	33.0	18.0	264.8 (27.0)	60	144
	65	3.00	33.0	19.5	286.4 (29.2)	65	
	70	3.20	43.0	21.0	308.9 (31.5)	70	
27	80	3.20	43.0	24.0	353.0 (36.0)	80	
	90	3.20	43.0	26.1	383.4 (39.1)	90	153
	100	3.50	64.4	26.0	382.5 (39.0)	100	
	30	2.80	16.8	9.0	132.4 (13.5)	DWH 27-30	
	35	2.80	16.8	10.5	154.0 (15.7)	35	
	40	2.90	18.8	12.0	176.5 (18.0)	40	153
27	45	2.90	19.4	13.5	198.1 (20.2)	45	
	50	3.20	25.5	15.0	220.6 (22.5)	50	
	55	3.20	25.5	16.5	242.2 (24.7)	55	
	60	3.50	35.5	18.0	264.8 (27.0)	60	
	65	3.50	35.5	19.5	286.4 (29.2)	65	162
	70	3.50	35.5	21.0	308.9 (31.5)	70	
27	80	3.50	35.5	24.0	353.0 (36.0)	80	
	90	3.50	35.5	27.0	397.2 (40.5)	90	171
	100	4.00	68.0	30.0	441.3 (45.0)	100	

( )の F max. (許容たわみ量)

- DWH 5- 30 Fmax.= L × 25%
- DWH 5- 35 Fmax.= L × 25%
- DWH 5- 40 Fmax.= L × 22%
- DWH 6- 45 Fmax.= L × 25%
- DWH 6- 50 Fmax.= L × 20%
- DWH 6- 55 Fmax.= L × 26%
- DWH 6- 60 Fmax.= L × 23%
- DWH 6- 65 Fmax.= L × 21%
- DWH 6- 70 Fmax.= L × 21%
- DWH 8- 70 Fmax.= L × 27%
- DWH18- 90 Fmax.= L × 29%
- DWH18-100 Fmax.= L × 24%
- DWH22- 90 Fmax.= L × 29%
- DWH22-100 Fmax.= L × 26%

外径 D	4	5	6	8	10	12	13	14	16	18	20	22	27
バネ定数	29			5.9N/mm			9.8N/mm			14.7N/mm			
	(0.3)			(0.6Kgf/mm)			(1.0Kgf/mm)			(1.5Kgf/mm)			

※荷重は参考値となります。

バネ定数	±10%	
外径 D	φ10以下	0mm -0.5mm
	φ12以上	0mm -0.8mm
自由長 L		