

■ **WR: Fmax. (Allowable Deflection) = Lx60%**

d	Solid Length	F max.	Load N(kgf) max.	Part Number Type D-L	Unit Price 10 - 19 pcs.
0.23	1.8	3	0.9{0.09}	WR3- 5	
0.25	2.3	6	1.8{0.18}		
0.3	4.8	9	2.6{0.27}		
0.3	4.8	12	3.5{0.36}		
0.32	6.8	15	4.4{0.45}		
0.32	6.8	18	5.3{0.54}	WR4- 5	
0.35	11.5	21	6.2{0.63}		
0.35	11.5	24	7.1{0.72}		
0.26	1.6	3	0.9{0.09}		
0.29	2.2	6	1.8{0.18}		
0.32	3.2	9	2.6{0.27}	WR5- 5	
0.38	6.5	12	3.5{0.36}		
0.38	6.5	15	4.4{0.45}		
0.4	8.4	18	5.3{0.54}		
0.4	8.4	21	6.2{0.63}		
0.45	15	24	7.1{0.72}	WR6- 5	
0.45	15	27	7.9{0.81}		
0.45	15	30	8.8{0.9}		
0.45	15	33	9.7{0.99}		
0.5	23.5	36	10.6{1.08}		
0.5	25	39	11.5{1.17}	WR7- 5	
0.5	25	42	12.4{1.26}		
0.3	1.6	3	0.9{0.09}		
0.35	2.8	6	1.8{0.18}		
0.35	2.8	9	2.6{0.27}		
0.4	4.8	12	3.5{0.36}	WR8- 10	
0.45	8	15	4.4{0.45}		
0.45	8	18	5.3{0.54}		
0.5	12.5	21	6.2{0.63}		
0.5	12.5	24	7.1{0.72}		
0.55	17.6	27	7.9{0.81}	WR9- 10	
0.55	18	30	8.8{0.9}		
0.55	20	33	9.7{0.99}		
0.55	20	36	10.6{1.08}		
0.55	20.9	39	11.5{1.17}		
0.55	20.9	42	12.4{1.26}	WR10- 10	
0.32	1.6	3	0.9{0.09}		
0.4	3.2	6	1.8{0.18}		
0.4	3.2	9	2.6{0.27}		
0.5	7.5	12	3.5{0.36}		
0.5	7.5	15	4.4{0.45}	WR11- 10	
0.5	7.5	18	5.3{0.54}		
0.55	11.5	21	6.2{0.63}		
0.55	11.5	24	7.1{0.72}		
0.6	17.4	27	7.9{0.81}		
0.6	17.4	30	8.8{0.9}	WR12- 10	
0.6	17.4	33	9.7{0.99}		
0.6	17.4	36	10.6{1.08}		
0.6	17.4	39	11.5{1.17}		
0.6	17.4	42	12.4{1.26}		
0.65	27.3	48	14.1{1.4}	WR13- 10	
0.45	2.7	6	1.8{0.18}		
0.5	4	9	2.6{0.27}		
0.5	4	12	3.5{0.36}		
0.55	5.8	15	4.4{0.45}		
0.6	8.4	18	5.3{0.54}	WR14- 15	
0.6	8.4	21	6.2{0.63}		
0.6	8.4	24	7.1{0.72}		
0.7	16	27	7.9{0.81}		
0.7	16	30	8.8{0.9}		
0.7	16	33	9.7{0.99}	WR15- 15	
0.7	16	36	10.6{1.08}		
0.7	16	39	11.5{1.17}		
0.7	16	42	12.4{1.26}		
0.7	16	45	13.3{1.33}		
0.75	22.9	48	14.1{1.4}	WR16- 15	
0.75	22.9	51	15.0{1.5}		
0.75	22.9	54	15.9{1.62}		
0.75	22.9	57	16.8{1.74}		
0.75	22.9	60	17.7{1.86}		

d	Solid Length	F max.	Load N(kgf) max.	Part Number Type D-L	Unit Price 10 - 19 pcs.
0.55	3.6	6	1.8{0.18}	WR10- 10	
0.6	4.8	9	2.6{0.27}		
0.65	6.5	12	3.5{0.36}		
0.65	6.5	15	4.4{0.45}		
0.7	8.8	18	5.3{0.54}		
0.7	8.8	21	6.2{0.63}	WR11- 10	
0.7	8.8	24	7.1{0.72}		
0.8	16	27	7.9{0.81}		
0.8	16	30	8.8{0.9}		
0.8	16	33	9.7{0.99}		
0.85	21	36	10.6{1.08}	WR12- 10	
0.85	21	39	11.5{1.17}		
0.85	21	42	12.4{1.26}		
0.9	28.8	48	14.1{1.4}		
0.6	3.6	6	1.8{0.18}		
0.65	4.6	9	2.6{0.27}	WR13- 10	
0.65	4.6	12	3.5{0.36}		
0.7	6	15	4.4{0.45}		
0.7	6	18	5.3{0.54}		
0.7	6	21	6.2{0.63}		
0.8	10.4	24	7.1{0.72}	WR14- 15	
0.8	10.4	27	7.9{0.81}		
0.9	17.1	30	8.8{0.9}		
0.9	17.1	33	9.7{0.99}		
0.9	17.1	36	10.6{1.08}		
0.9	17.1	39	11.5{1.17}	WR15- 15	
0.9	17.1	42	12.4{1.26}		
1.0	28	48	14.1{1.4}		
0.6	3.2	6	1.8{0.18}		
0.7	4.9	9	2.6{0.27}		
0.7	4.9	12	3.5{0.36}	WR16- 15	
0.8	8.4	15	4.4{0.45}		
0.8	8.4	18	5.3{0.54}		
0.8	8.4	21	6.2{0.63}		
0.9	13.5	24	7.1{0.72}		
0.9	13.5	27	7.9{0.81}	WR17- 15	
0.9	13.5	30	8.8{0.9}		
0.9	13.5	33	9.7{0.99}		
1.0	22	36	10.6{1.08}		
1.0	22	39	11.5{1.17}		
1.0	22	42	12.4{1.26}	WR18- 20	
1.0	22	48	14.1{1.4}		
1.0	22	54	15.9{1.62}		
0.7	4.6	9	2.6{0.27}		
0.75	5.6	12	3.5{0.36}		
0.8	7.2	15	4.4{0.45}	WR19- 20	
0.8	7.2	18	5.3{0.54}		
0.8	7.2	21	6.2{0.63}		
0.9	11.3	24	7.1{0.72}		
0.9	11.3	27	7.9{0.81}		
0.9	11.3	30	8.8{0.9}	WR20- 20	
1.0	18	33	9.7{0.99}		
1.0	18	36	10.6{1.08}		
1.0	18	39	11.5{1.17}		
1.0	18	42	12.4{1.26}		
1.1	28.6	48	14.1{1.4}	WR21- 20	
1.1	28.6	54	15.9{1.62}		
0.75	5.6	12	3.5{0.36}		
0.8	7.2	15	4.4{0.45}		
0.8	7.2	18	5.3{0.54}		
0.8	7.2	21	6.2{0.63}	WR22- 20	
0.9	11.3	24	7.1{0.72}		
0.9	11.3	27	7.9{0.81}		
0.9	11.3	30	8.8{0.9}		
1.0	18	33	9.7{0.99}		
1.0	18	36	10.6{1.08}	WR23- 30	
1.0	18	39	11.5{1.17}		
1.0	18	42	12.4{1.26}		
1.1	28.6	48	14.1{1.4}		
1.1	28.6	54	15.9{1.62}		

d	Solid Length	F max.	Load N(kgf) max.	Part Number Type D-L	Unit Price 10 - 19 pcs.
0.75	4.5	9	2.6(0.27)	WR16- 15	
0.8	5.6	12	3.5(0.36)		
0.9	8	15	4.4(0.45)		
0.9	8	18	5.3(0.54)		
0.9	8	21	6.2(0.63)		
1.0	13	24	7.1(0.72)		
1.0	13	27	7.9(0.81)		
1.0	13	30	8.8(0.9)		
1.0	13	33	9.7(0.99)		
1.1	20	36	10.6(1.08)		
1.1	20	39	11.5(1.17)	WR18- 20	
1.1	20	42	12.4(1.26)		
1.1	20	48	14.1(1.4)		
1.2	28.8	54	15.9(1.62)		
1.0	7	12	5.8(0.6)		
1.0	7	15	7.4(0.75)		
1.1	9.9	18	8.8(0.9)		
1.1	9.9	21	10.3(1.05)		
1.2	14.4	24	11.8(1.2)		
1.2	14.4	27	13.2(1.35)		
1.2	14.4	30	14.7(1.5)	WR20- 20	
1.3	19.5	33	16.2(1.65)		
1.3	19.5	36	17.7(1.8)		
1.3	19.5	39	19.1(1.95)		
1.3	19.5	42	20.6(2.1)		
1.4	27.3	48	23.5(2.4)		
1.0	6	12	5.8(0.6)		
1.1	8.3	15	7.4(0.75)		
1.1	8.3	18	8.8(0.9)		
1.2	10.8	21	10.3(1.05)		
1.2	10.8	24	11.8(1.2)	WR22- 20	
1.2	10.8	27	13.2(1.35)		
1.3	15	30	14.7(1.5)		
1.3	15	33	16.2(1.65)		
1.3	15	36	17.7(1.8)		
1.3	15	39	19.1(1.95)		
1.4	21	42	20.6(2.1)		
1.4	21	48	23.5(2.4)		
1.1	6.9	12	5.9(0.6)		
1.2	9	15	7.4(0.75)		
1.2	9	18	8.8(0.9)	WR27- 30	
1.3	12.4	21	10.3(1.05)		
1.3	12.4	24	11.8(1.2)		
1.3	12.4	27	13.2(1.35)		
1.4	16.1	30	14.7(1.5)		
1.4	16.1	33	16.2(1.65)		
1.4	16.1	36	17.7(1.8)		
1.5	22.5	39	19.1(1.95)		
1.5	22.5	42	20.6(2.1)		
1.5	22.5	48	23.5(2.4)		
1.3	8.5	18	8.8(0.9)	WR27- 30	
1.4	10.5	21	10.3(1.05)		
1.4	10.5	24	11.8(1.2)		
1.4	10.5	27	13.2(1.35)		
1.6	17.6	30	14.7(1.5)		
1.6	17.6	33	16.2(1.65)		
1.6	17.6	36	17.7(1.8)		
1.7	22.1	39	19.1(1.95)		
1.7	22.1	42	20.6(2.1)		
1.7	22.1	48	23.5(2.4)		