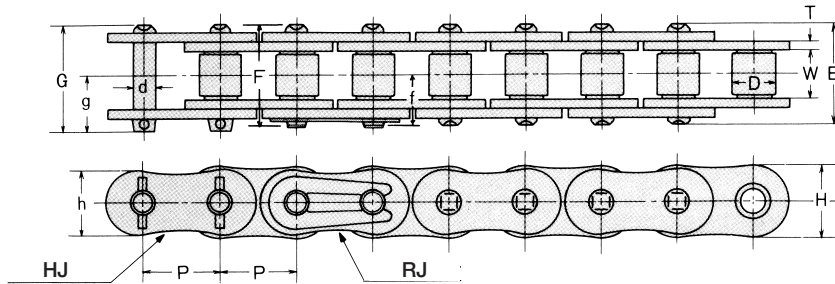


Agricultural Roller Chain

The roller chains used for agricultural machinery like tractors, combines, binders, power tillers, and planters that provide higher productivity in modern agriculture are required to have the strength and durability to withstand wear, heavy load and shocks. Agricultural roller chains can sufficiently satisfy these conditions.



Dimensions

Unit (mm)

Chain No.	Connecting link	Pitch P	Roller link width W	Roller dia. D	Pin						Plate				Avg. tensile strength		Max. allowable load		Approx. weight (kg/m)	
					d	E	F	f	G	g	T	t	H	h	kN	kgf	kN	kgf		
※DID 35	RJ	9.525	4.78	(5.08)	3.59	12.0	13.1	7.3			1.25	1.25	9.0	7.75	11.2	1,150	2.15	220	0.32	
※DID 35HS	RJ	9.525	4.78	(5.08)	3.59	13.1	13.7	7.8			1.50	1.50	9.0	7.75	12.7	1,300	2.54	260	0.39	
※DID 35HK2	—	9.525	4.78	(5.08)	3.59	15.5	15.4				2.00	2.00	9.0	7.75	19.1	1,950	3.23	330	0.46	
DID 083	RJ	12.70	4.88	7.75	4.09	12.5	13.55	7.35			1.25	1.25	10.3	9.6	13.1	1,340	2.35	240	0.43	
DID 415S	RJ	12.70	4.76	7.77	3.97	13.25	14.3	7.98			1.5	1.5	12.0	10.4	19.1	1,950	3.72	380	0.55	
DID 420	RJ	12.70	6.35	7.77	3.97	14.75	16.15	8.80			1.5	1.5	12.0	10.4	17.8	1,820	3.72	380	0.58	
DID 40	RJ	12.70	7.95	7.92	3.97	16.5	17.6	9.5		10.1	1.5	1.5	12.0	10.4	19.1	1,950	3.72	380	0.68	
DID 40HK	RJ	12.70	7.95	7.92	3.97	18.5	19.50	10.5			2.0	2.0	12.0	10.4	21.5	2,200	4.51	460	0.72	
DID 428	RJ	12.70	7.94	8.50	4.51	16.7	18.05	9.83			1.5	1.5	12.0	10.4	19.6	2,000	3.92	400	0.66	
DID 428H	RJ	12.70	7.94	8.50	4.51	18.9	20.1	10.88			2.0	2.0	12.0	10.4	23.3	2,380	4.90	500	0.76	
DID 520	RJ	15.875	6.35	10.16	5.09	17.45	18.85	10.25			2.0	2.0	15.0	13.0	30.4	3,100	6.86	700	0.89	
DID 50	RJ	15.875	9.53	10.16	5.09	20.3	21.9	11.6		12.0	2.0	2.0	15.0	13.0	30.8	3,150	6.86	700	1.06	
DID 520HK	RJ	15.875	6.35	10.16	5.09	18.6	20.2	10.7			2.4	2.4	15.0	13.0	36.2	3,700	7.84	800	1.00	
DID 50HK	RJ	15.875	9.53	10.16	5.09	21.8	23.4	12.7			2.4	2.4	15.0	13.0	37.6	3,840	8.63	880	1.12	
DID 50Y	—	15.875	9.53	10.22	5.40	22.5					2.4	2.4	15.6	15.6	44.1	4,500	12.74	1,300	1.40	
DID 630K	RJ	19.05	9.53	11.91	5.96	22.1	23.6	12.6			2.4	2.4	18.1	15.6	44.1	4,500	9.31	950	1.37	
DID 630HK	RJ	19.05	9.53	11.91	5.96	25.7	26.8	14.3			3.2	3.2	18.1	15.6	50.5	5,150	10.7	1,100	1.72	
DID 630HKS	RJ	19.05	9.53	11.91	5.96	25.7	26.8	14.3			3.2	3.2	18.1	15.6	53.9	5,500	10.7	1,100	1.72	
DID 630SK	—	19.05	9.53	14.28	7.11	26.25		14.6			3.6	3.2	18.1	18.1	64.7	6,600	10.7	1,100	2.03	
DID 630FSK	—	19.05	9.53	14.28	6.63	27.4					4.0	3.2	19.1	19.1	67.1	6,850	17.6	1,800	2.42	
DID 630FSK2	—	19.05	9.53	14.28	7.11	28.5					4.2	3.4	19.1	19.1	72.5	7,400	17.6	1,800	2.47	
DID 635SK	—	19.05	11.10	14.28	7.11	27.8					3.6	3.2	18.1	18.1	64.7	6,600	10.7	1,100	2.21	
DID 635ST	—	19.05	11.10	14.28	7.51	30.0					4.2	3.4	18.4	18.4	72.5	7,400	10.7	1,100	2.48	
DID 60	RJ	19.05	12.70	11.91	5.96	25.4	26.9	14.3			2.4	2.4	18.1	15.6	44.1	4,500	9.3	950	1.44	
DID 60H	RJ	19.05	12.70	11.91	5.96	28.7	30.5	16.1	31.2		3.2	3.2	18.1	15.6	46.0	4,700	10.7	1,100	1.81	
DID 60HK	RJ	19.05	12.70	11.91	5.96	28.7	30.5	16.1	31.2		3.2	3.2	18.1	15.6	53.9	5,500	10.7	1,100	1.81	
DID 60SK	—	19.05	12.70	14.28	7.11	29.8		16.4			3.6	3.2	18.1	18.1	64.7	6,600	10.7	1,100	2.23	
HI-PWR-S80	HJ	25.40	15.88	15.88	7.94	32.6				35.3	19.0	3.2	3.2	24.1	20.8	84.3	8,600	18.6	1,900	2.82
HI-PWR-S80HK	HJ	25.40	15.88	15.88	7.94	36.1				38.7	20.6	4.0	4.0	24.1	20.8	98.0	10,000	22.5	2,300	3.12
DID 80GS	HJ	25.40	15.88	15.88	8.71	37.7				40.3		4.8	4.0	24.7	24.7	117.0	12,000	27.4	2,800	4.31
HI-PWR-S100	HJ	31.75	19.05	19.05	9.54	39.5				42.8	22.7	4.0	4.0	30.1	26.0	127.0	13,000	30.4	3,100	4.18
HI-PWR-S100HK	HJ	31.75	19.05	19.05	9.54	43.6				46.2	24.4	4.8	4.8	30.1	26.0	145.0	14,800	34.3	3,500	4.37

Note: 1. DID630FSK, DID630FSK2, DID80GS have flat oval-shaped plates.
 2. The values of max. allowable tension are not applied to connecting links.
 3. Those marked with ※ are bushing chains.