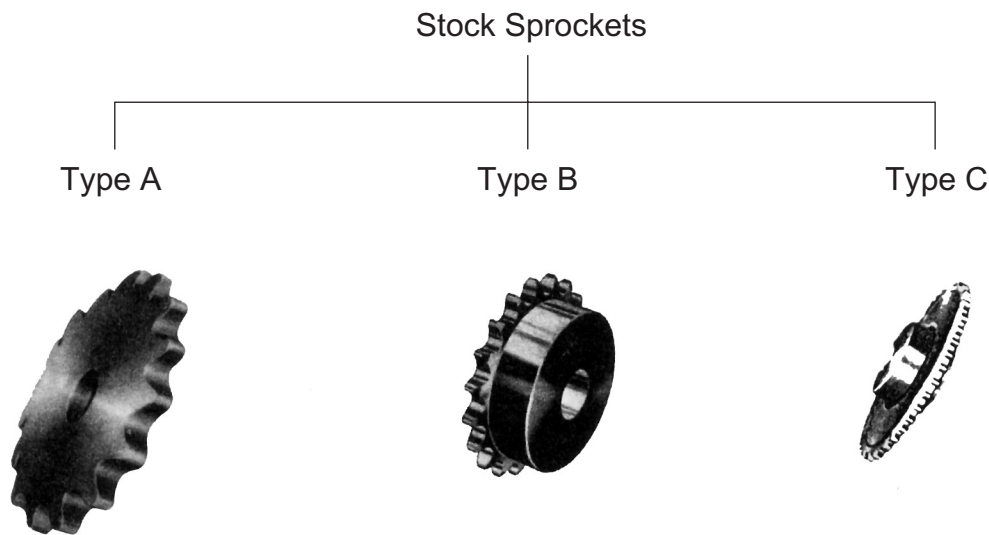


••Main Types & Marks of Sprockets

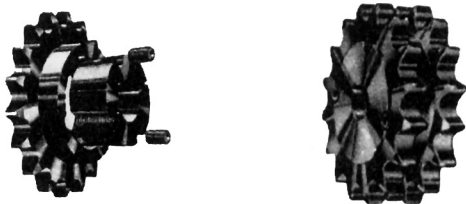
1. Main Types



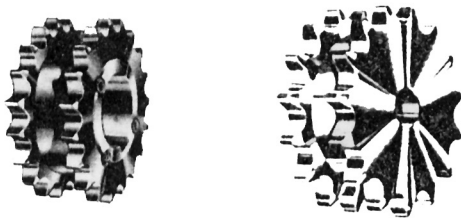
Welding Sprockets(Type BW)



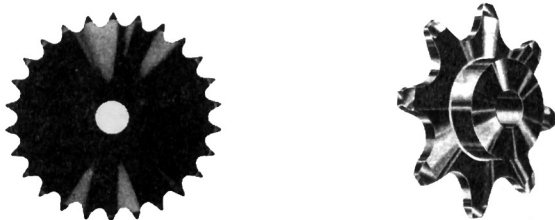
Taper Bored Sprockets



Double Single Sprockets



Double Pitch Sprockets

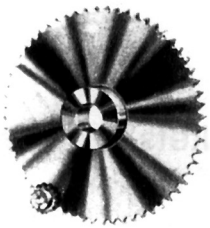


Idle Sprockets



Made-to-order Sprockets

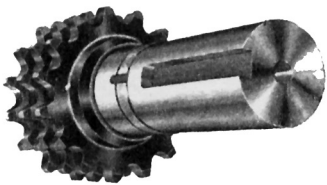
Stainless Steel Sprockets



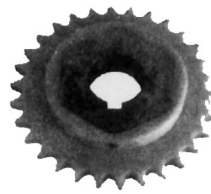
Sprocket with Mounting Flange



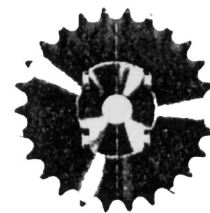
Shaft Sprockets



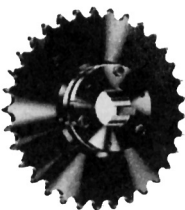
Plastic Sprockets



Split-Sprockets

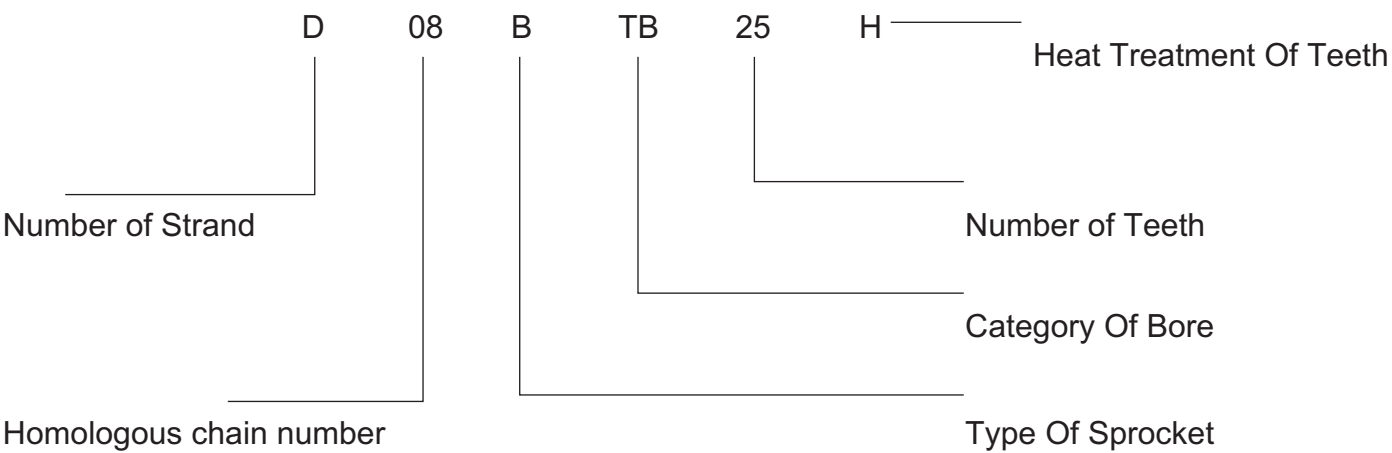


"QD" Sprockets



2. Marking

Marking methods of sprockets produced by our factory are as follows.



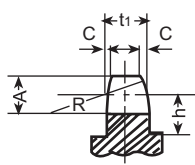
Note

1. The first character refers to the number of strand
S-Single D-Double
T-Triple Q-Quadruple
2. "H" Refers to heat treatment of teeth; sprockets without heat treatment are not marked.
3. Blackening galvalization and other surface treatment is not specifically noted in marking method.
Requirement should be made while placing orders.

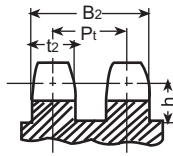
* Material of sprocket: material listed in this catalogue refers to material of stock sprockets; sprockets of stainless-steel, cast iron and non-metal material may be supplied upon request.

* Special sprockets can be manufactured.

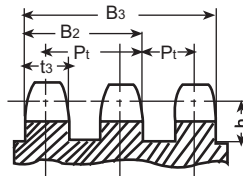
••Wheel-Rim Profiles & Data Of Sprockets



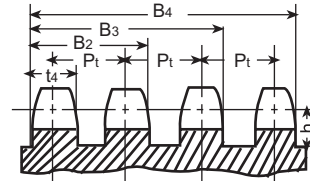
SINGLE



DOUBLE



TRIPLE



QUADRUPLE

Unit:mm

Sprocket No.	Pitch P	Roller Dia.(•)	Height of Chamfer A	Width of Chamfer C	Radius of Chamfer R	Trans Verse Pitch Of Strands Pt	Single Teeth Thick-ness t ₁	Duplex Triplex		Quadruplex				
								Teeth Thick-ness $\frac{t_1}{2} \bullet t_3$	Teeth Width		Teeth Thick-ness t ₄	Teeth Width		
							B ₂		B ₃	B ₂		B ₃	B ₄	
03	5	3.2	2.4	0.6	5		2.3							
04	6	4	2.8	0.7	6		2.6	2.5			2.4			
050	8	5	3.9	1.0	8	5.6	2.8	2.7	8.3	13.9	2.6	8.2	13.8	19.4
06	9.525	6.35	4.4	1	10	10.2	5.3	5.2	15.4	25.6	5.0	15.2	25.4	35.6
081	12.7	7.75	5.7	1.3	13		3							
082	12.7	7.75	5.7	1.3	13		2.2							
083	12.7	7.75	5.7	1.3	13		4.5							
084	12.7	7.75	5.7	1.3	13		4.5							
085-1	12.7	7.75	5.7	1.3	13		5.9							
085-2	12.7	8.51	5.7	1.3	13		5.9							
08	12.70	8.51	5.7	1.3	13	13.9	7.2	7.0	21.0	34.9	6.8	20.7	34.6	48.5
10	15.875	10.16	7	1.6	16	16.6	9.1	9.0	25.6	42.2	9.0	25.6	42.2	58.8
12	19.05	12.07	8.5	2	19	19.5	11.1	10.8	30.3	49.8	10.8	30.3	49.8	69.3
16	25.40	15.88	11.1	2.5	26	31.9	16.2	15.8	47.7	79.6	15.8	47.7	79.6	111.5
20	31.75	19.05	14.6	3.5	32	36.5	18.5	18.2	54.6	91.0	18.2	54.6	91.0	127.5
24	38.10	25.4	17	4	38	48.4	24.1	23.6	72.0	120.3	23.6	72.0	120.3	168.7
28	44.45	27.94	20.4	5	44	59.6	29.4	28.8	88.4	148.0	28.8	88.4	148.0	207.6
32	50.80	29.21	24	6	51	58.6	29.4	28.8	87.4	146.0	28.8	87.4	146.0	204.6
40	63.50	39.37	31	8	64	72.3	36.2	35.4	107.7	180.0	35.4	107.7	180.0	252.3
48	76.20	48.26	35.9	9	76	91.2	43.3	42.5	133.7	224.9	42.5	133.7	224.9	316.1
56	88.90	53.98	42.9	11	89	106.6	50.7	49.6	156.2	262.8	49.6	156.2	262.8	369.4
64	101.60	63.5	49.8	13	102	119.9	57.9	56.7	176.6	296.5	56.7	176.6	296.5	416.4
72	114.30	72.39	56.5	15	114	136.3	65.2	63.8	200.1	336.4	63.8	200.1	336.4	472.7

Note: 1. "h" refers to the min. distance between pitch circle to hub (or groove).

$$h = \frac{1}{2}(D_p - D_h) \quad D_p = P / \sin \frac{180^\circ}{2} \quad D_h = P \operatorname{ctg} \frac{180^\circ}{2} - 1.04h_2 - 0.76$$

D_p : Pitch Diameter D_h : Maximum Diameter of Hub (of groove) h_2 : Link plate Height

2. Teeth thickness of sprocket over quadruplex is same as teeth thickness t_4 of quadruplex sprocket,

teeth width $B_n = (n-1) P_t + t_4 (n \cdot 4)$.