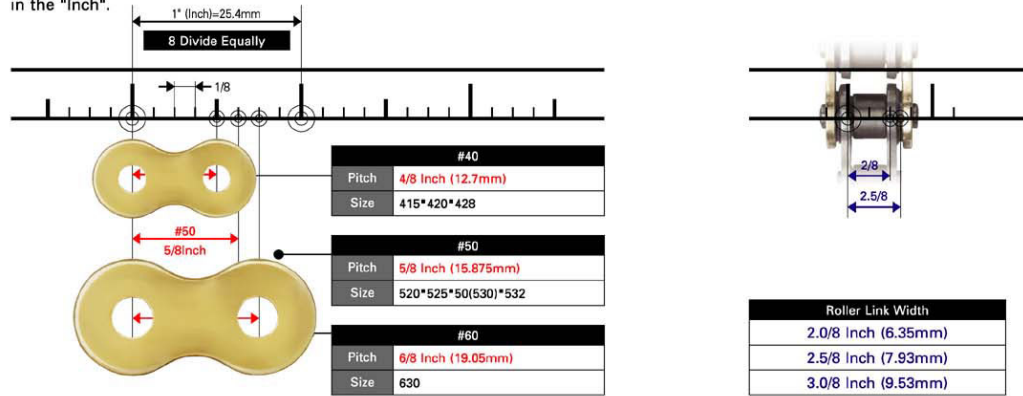


## Q2 What do D.I.D chain numbers signify?

### A D.I.D chain number means chain size.

#### Chain Size

Generally, drive chain is called "Roller Chain" for fractionating cuneatic chain like a tire chain. Roller chain originates in England, this technology has developed and measured by the "Inch" in United States. The current internationally accepted basic dimension in the "Inch".



Ex 1  
5 2 0  
Roller Link width (2/8 Inch=6.35mm)  
Pitch (5/8 Inch=15.875mm)

Ex 2  
5 2 5  
Roller Link width (2.5/8 Inch=7.93mm)  
Pitch (5/8 Inch=15.875mm)

Ex 3  
4 2 8  
5 3 2  
Larger than 420/530/630 Roller Size  
Upgrade roller strength and size. Sprocket is also different from 420/530/630.

#### Standard Size



Item	Pitch (P)	Roller Link Width (W)	Roller Diameter(D)	Pin Length(F)	Plate Thickness(T)	
415	12.7mm (4/8 Inch)	4.76mm	7.77mm	13.50mm	1.5mm	
420		6.35mm	7.77mm	14.75-16.90mm	1.5-1.8mm	
428		7.94mm	8.50mm	16.70-22.70mm	1.5-2.2mm	
520	15.875mm (5/8 Inch)	6.35mm	10.16-10.22mm	17.50-21.00mm	1.8-2.2mm	
525		7.93mm	10.16-10.22mm	19.25-22.95mm	2.0-2.4mm	
50 (530)		9.53mm	10.16-10.32mm	20.85-25.30mm	2.0-2.6mm	
532				11.10mm	24.80mm	2.4mm
630				11.96mm	25.30mm	2.4mm

## Engine Mechanism Chain

Engine mechanism chain such as timing chains for driving cam shafts on 4-cycle engines used in motorcycles and motor vehicles, chains for driving oil pumps and auxiliaries of generators, etc., and chains for driving balancer shafts meet advanced engineering demand in the automobile industry.

We have world class technical expertise in this area. The DID engine mechanism chains have excellent wear resistance, fatigue strength, silencing effect and shock strength capable of withstanding high speed operation, and can meet the conditions required for today's high performance engines.



Chain No.	Pitch P	Roller Link Width W	Roller Dia D	Pin E	Plate T
DID 25	6.35	3.18	3.30	7.80	0.72
DID 25H	6.35	3.18	3.30	9.00	1.00

Chain No.	Pitch P	Lacing	W	E	H	Ave. Tensile Strength		Approx. Weight (kg/m)
						kN	kgf	
DID SCA-0404A	6.35	2 X 3	6.00	3.20	6.70	6.27	640	0.161
DID SCA-0409A		3 X 4	8.10	5.10		9.81	1,000	0.238
DID SCA-0412A		4 X 5	11.00	7.15		12.26	1,250	0.316
DID SCR-0404	6.35	2 X 3	6.00	3.20	9.50	6.93	705	0.172
DID SCR-0409		3 X 4	8.10	5.10		10.00	1,020	0.255
DID SCR-0412		4 X 5	10.30	7.15		13.23	1,350	0.322

#### 25/25H



#### SCA



#### SCR

