

Technical Specification

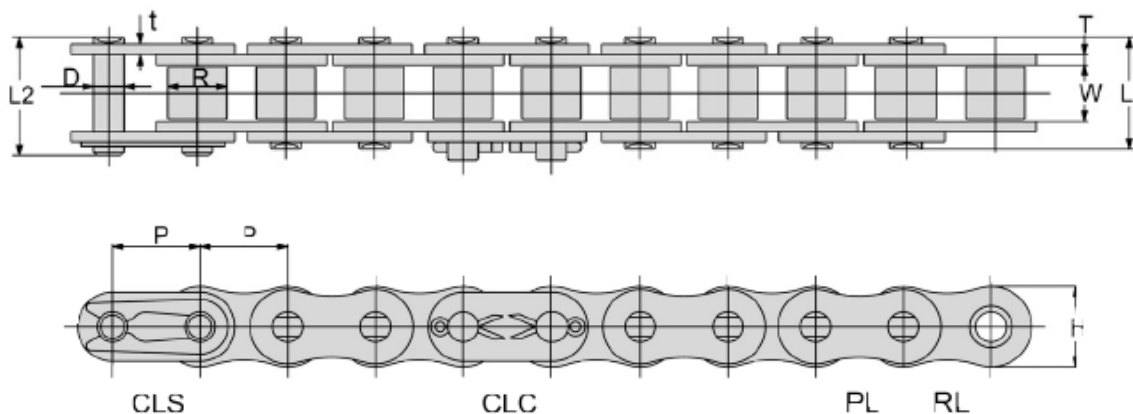
Wassells

Technical Specification of motorcycle chains

General figures

- Dimension and characteristics according to ISO 10190
- All chains preloaded with 30% to 40% of the breaking load after assembly
- Lubrication: Lightly oiled if not otherwise specified

Dimensions



Chain No	Pitch mm	Inner Width mm	Roller \varnothing mm	Pin \varnothing mm	Length of Pin mm	Plate Thickness s mm	Height mm	Tensile Strength N
420	12,7	6,35	7,77	3,99	14,5	1,5	12,0	16000
415	12,7	4,88	7,75	3,96	12,5	1,3	10,4	15600
428	12,7	7,75	8,51	4,45	16,5	1,6	12,0	17800
520	15,875	6,35	10,14	5,08	17,2	2,03	15,0	26600
530	15,875	9,4	10,14	5,08	20,2	2,03	15,0	26600

Technical Specification

Specification of the chain components

Pin:	Bushing:
<ul style="list-style-type: none">• Pin made of special alloyed case hardened material• Case hardened• Pin grinded or polished after heat treatment	<ul style="list-style-type: none">• Bushing made of case hardened material• Case hardened• Bush grinded or polished after heat treatment
Small Roller:	Link Plates:
<ul style="list-style-type: none">• Solid Roller• Roller made of case hardened material• Case hardened	<ul style="list-style-type: none">• Link plates made of through hardened material• Through hardened• Shot Peened and polished

Quality Figures of the Chain

- Special pin material gives the chain a high fatigue strength and breaking load as well as high wear resistance.
- Case hardened bush ensures a good wear resistance
- The solid roller lead to a good performance especially under high chain speed.
- The through hardened link plates with additional shot peening surface gives the chain a higher fatigue strength.