



A MAN POWER TRANSMISSION CO., LTD.

9F-2, No.12, Zhonghua Rd., Yongkang Dist,

Tainan City 710, Taiwan.

Tel: +886-6-3113166

Fax: +886-6-3128266

E-mail: sales@amgroup.tw



Motorcycle Chain

957-AMG-102-1911



www.amgroup.tw



AMAZING POWER TRANSMISSION

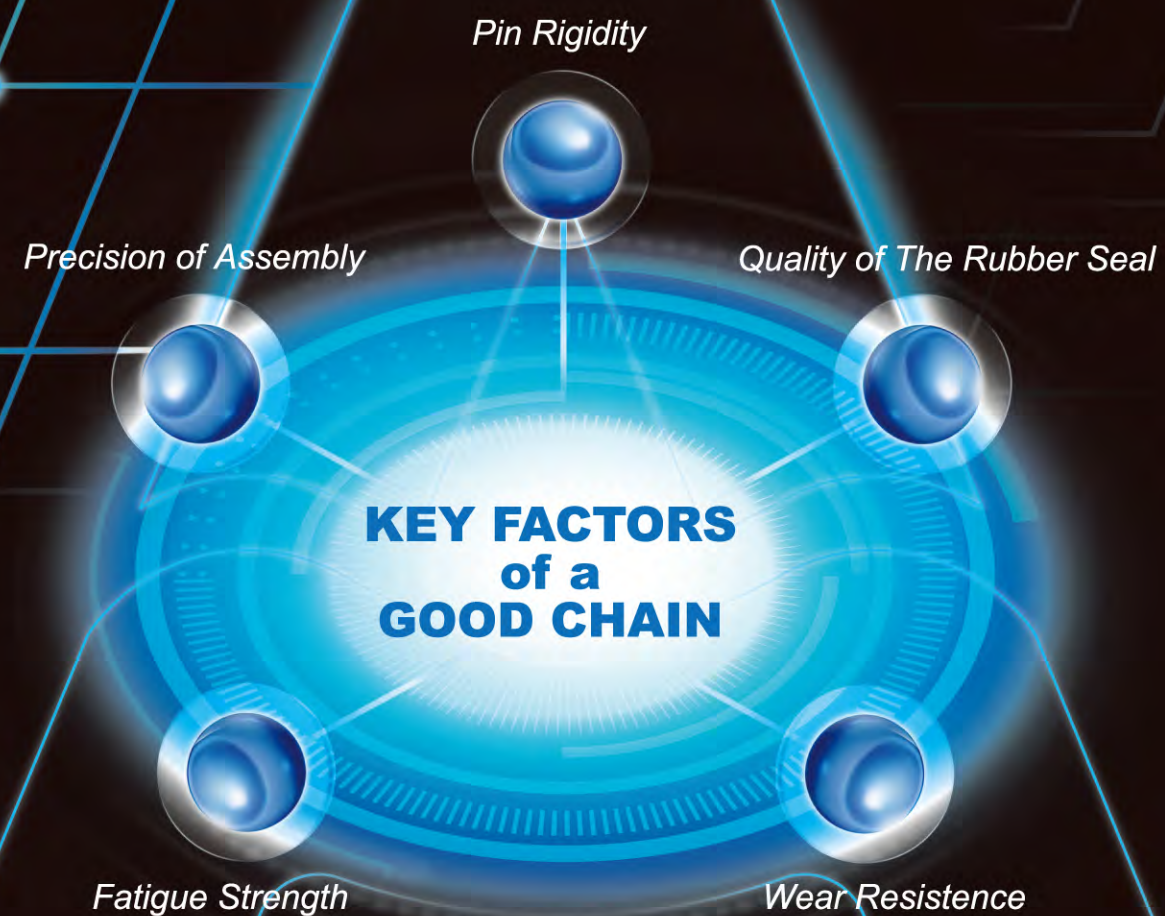




KEY FACTORS of a **GOOD CHAIN**

Chain plays a vital role in power transmission. If a chain is not rigid enough or imprecisely structural combined, it is easy to wear out and elongate the chain, effecting its transmission efficiency, smoothness, vibration, howling, service life, etc. or more importantly, the chain might break during operation.

There are five key factors to determine a quality chain: pin rigidity, quality of the rubber seal, wear resistance, fatigue strength and precision of assembly.



A-CHAIN





ICONS DESCRIPTION



Cross-Ring

Equipped with cross-shaped seal to enhance durability



Road

Designed for on-road use



Light Weight

With advanced heat treatment to reduce chain weight



SP Pin

Equipped with specially processed pin to increase wear resistance



Quad riveting

With pin riveting system to increase tensile strength and fatigue resistance



Heavy Duty

With heavier plates to increase tensile strength



Noiseless

During operation with low noise



Solid Bush

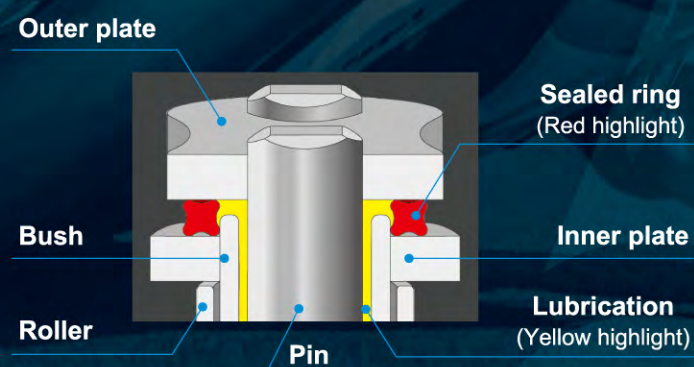
Equipped with solid bushing to upgrade fatigue resistance



Model No.	Cross Ring	SP Pin	Solid Bushing	Light Weight	Heavy Duty	Quad Riveting	Noiseless	On Road
525EXR	☒		☒		☒	☒		☒
520EXR	☒		☒		☒	☒		☒
530EX	☒		☒		☒	☒		☒
525EX	☒		☒		☒	☒		☒
520EX	☒		☒		☒	☒		☒
428EX	☒		☒		☒	☒		☒
428HHD			Special Bushing			☒		☒
428HD			Special Bushing			☒		☒
428HS			Special Bushing			☒		☒
2045-K-MV		☒		☒	☒		☒	
2034-K-MV		☒		☒	☒		☒	
2023-K-MV		☒		☒	☒		☒	
2045LN-96		☒		☒	☒		☒	
2045LN-98		☒		☒	☒		☒	
2034LN-98		☒		☒	☒		☒	
2045LN-M		☒		☒	☒		☒	
2034LN-M		☒		☒	☒		☒	
2023LN-M		☒		☒	☒		☒	



CROSS-RING CHAIN



Pin	Connecting with outer plate, it is the central component to endure shearing and bending of individual link.
Bush	Connecting with inner plate, it is the supporting shaft of the pin.
Roller	Engaging with the sprocket, it allows the chain to roll smoothly.
Inner plate outer plate	Bear loading and transmit dynamics with the pin.
Sealed ring	Seals lubrication which was sucked in around the pins and bush.
Lubrication	Lubricate pin and bush for wearing and elongation.

The structure and characteristics of sealed chain

Sealed chains have rubber which seals the gap and is sandwiched between the pin and bush. AM sealed chain uses cross-ring shape design which effectively reduce the loss of the grease.

In addition, the cross-ring design seals the grease in and keep dirt and water out to greatly protect chain parts from wearing, increasing wear resistance 3-5 time compare with that of a standard chain.



A PRODUCT RANGE

Unit: CC

CATEGORY	MODEL	APPLICATIN RANGE											
		80	100	150	180	250	400	500	600	750	900	1000	1200
CROSS-RING-CHAIN	525EXR												
	520EXR												
	530EX												
	525EX												
	520EX												
	428EX												
CROSS-RING-CHAIN	428HHD												
	428HD												
	428HS												





In chain manufacture, outstanding metal finished products result from skilled engineering of heat treatment.

In AM Cross Ring chain series, it is adopted the world-class level of heat treatment technology to enhance chain strength and durability.

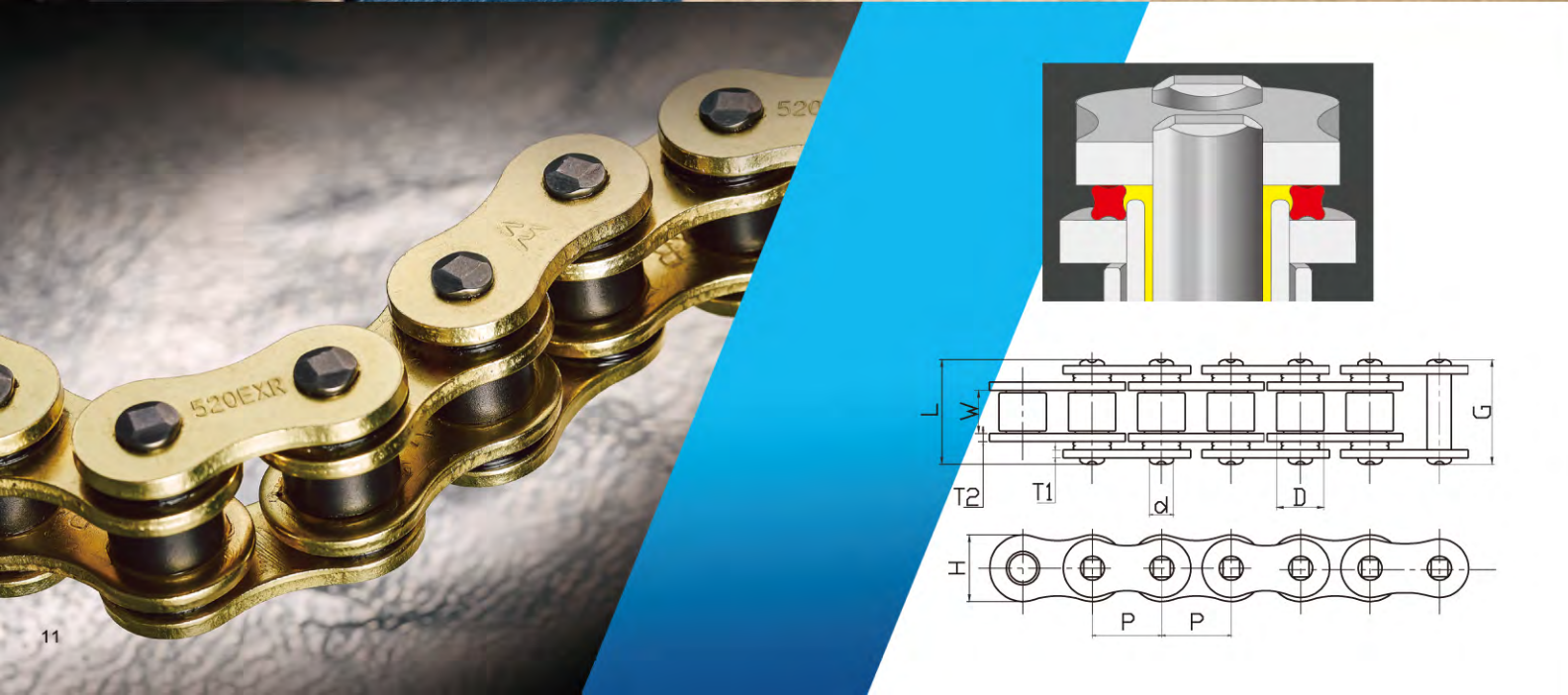
In addition, newly developed grease is well-retained between solid bushing and hardened pin to achieve the best operation condition.

The special cross-shaped ring stops grease to vanish over time, so lubrication lasts longer to constantly reduce friction damage. The above features lead to AM Cross Ring chain outperform the O-ring chain products.

AM Cross Ring chain stay with you to conquer the most severe and harsh condition and enjoy every riding moment.



CROSS-RING CHAIN

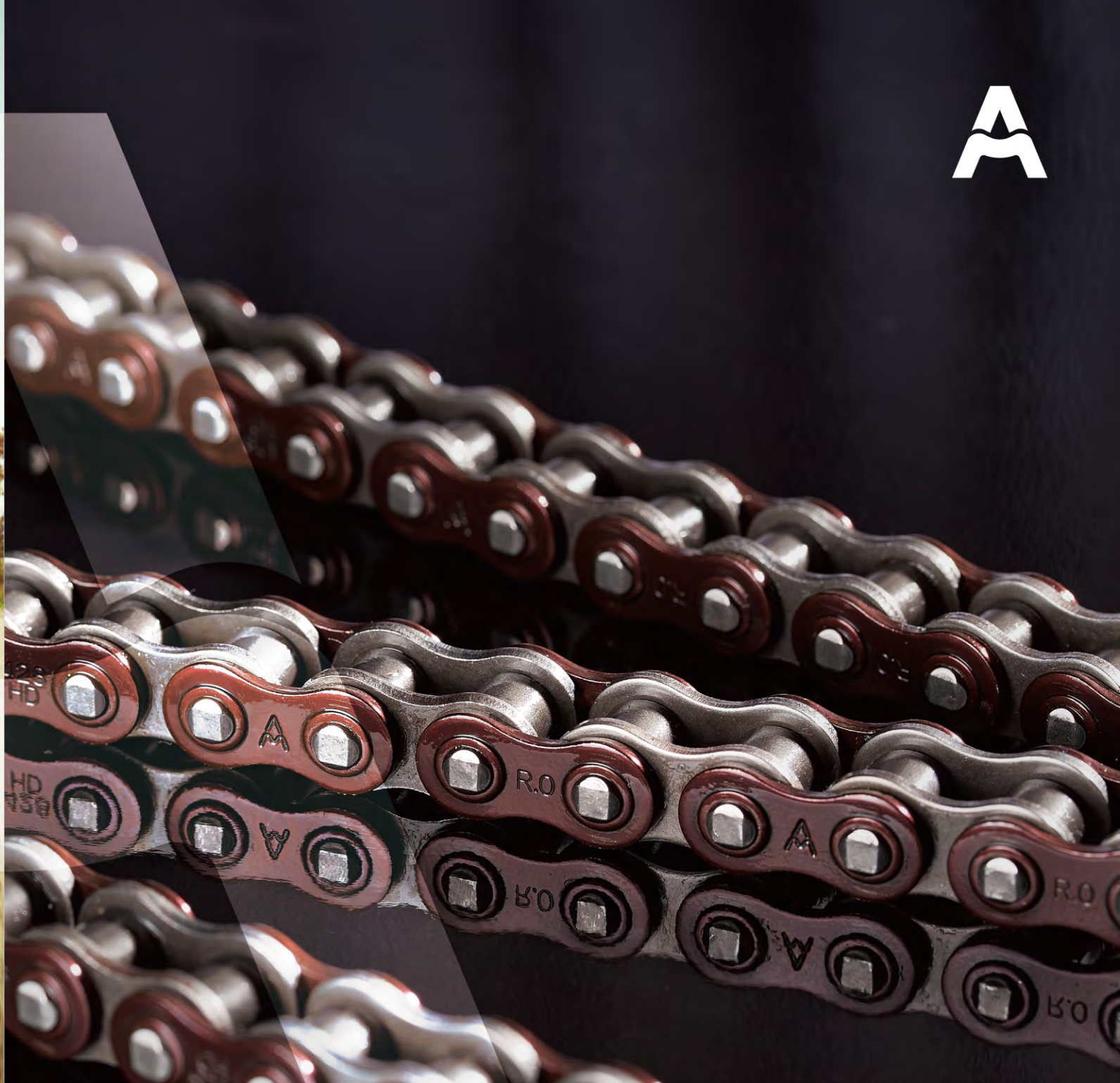


Specification

Model No.	Pitch	Roller Link Width (Min)	Roller Dia. (Max)	Pin Link Plate Thickness	Inner Link Plate Thickness	Inner Link Plate Height	Pin Dia.	Overall Width Riv.	Overall Width Con.	Minimum Tensile Strength	Average Tensile Strength	Displacement Application (Max)
Unit	mm	mm	mm	mm	mm	mm	mm	mm	mm	kgf	kgf	cc
525EXR	15.875	7.85	10.32	2.6	2.4	15.40	5.50	23.80	23.80	4200	4500	1200
520EXR	15.875	6.25	10.22	2.2	2.2	14.80	5.25	21.15	20.60	3600	4200	1000
530EX	15.875	9.40	10.16	2.4	2.4	15.25	5.35	24.90	25.20	4500	4700	1000
525EX	15.875	7.85	10.16	2.2	2.2	14.70	5.25	22.55	22.85	3900	4200	900
520EX	15.875	6.25	10.16	2.2	2.2	14.70	5.25	21.15	20.60	3600	3800	600
428EX	12.700	7.85	8.55	2.0	2.0	12.10	5.00	21.40	21.40	3000	3200	400



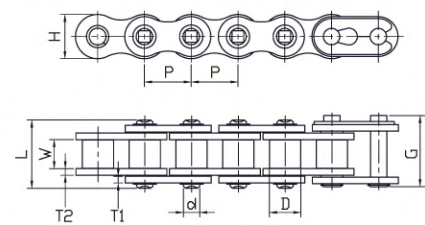
High Durability



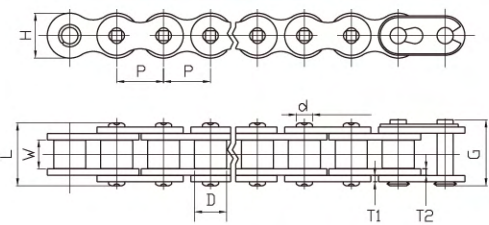
Specification

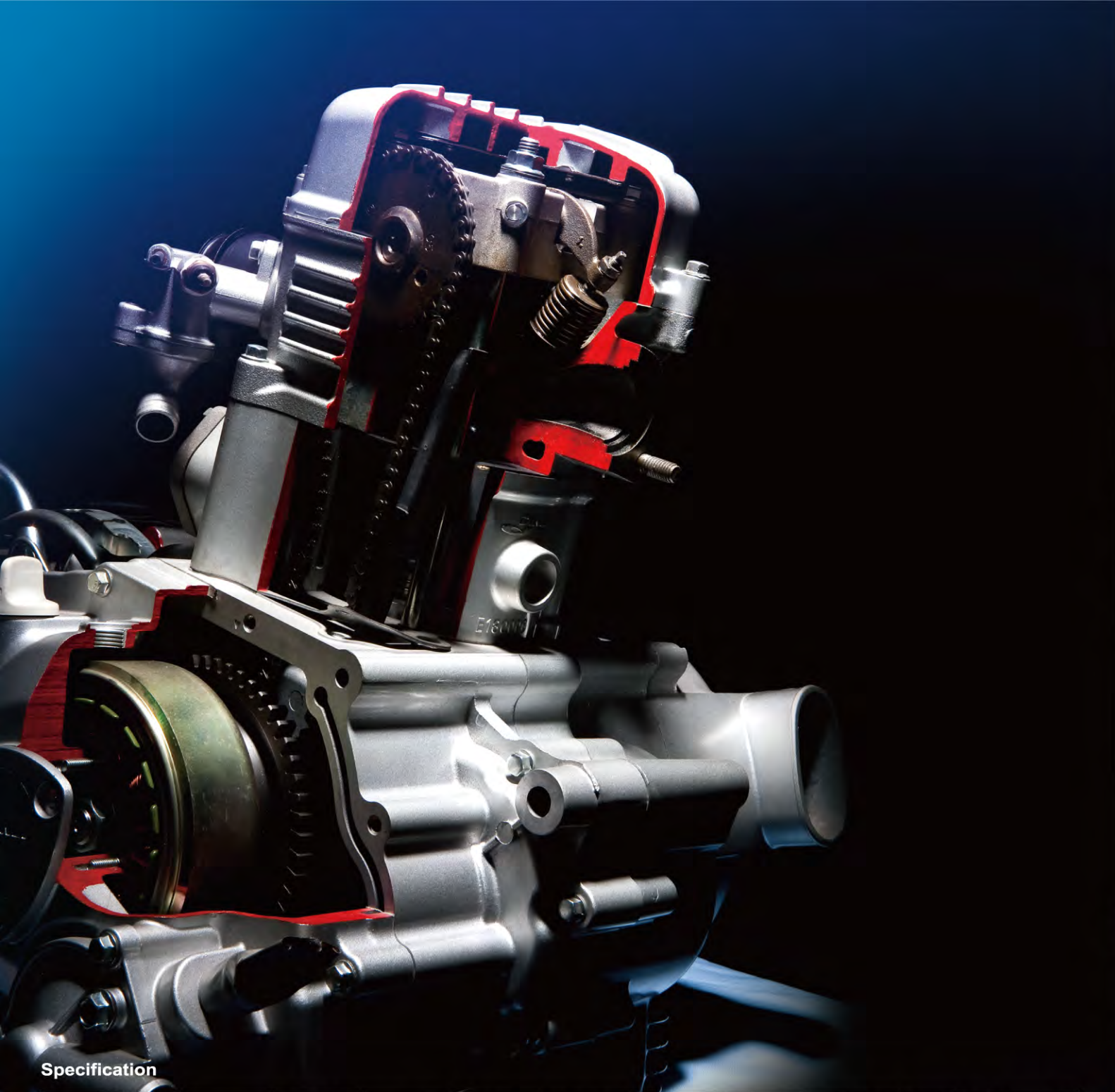
Model No.	Pitch	Roller Link Width (Min)	Roller Dia. (Max)	Link Plate Thickness	Link Plate Thickness	Link Plate Height(Max)	Pin Dia. (Max)	Overall Width Riv. (Max)	Overall Width Con. (Max)	Minimum Tensile Strength	Average Tensile Strength	Displacement Application (Max)
	P	W	D	T1	T2	H	d	L	G	/	/	cc
Unit	mm	mm	mm	mm	mm	mm	mm	mm	mm	kgf	kgf	cc
428HHD	12.70	7.85	8.51	2.00	2.00	12.00	4.45	18.90	20.60	2200	2450	180
428HD	12.70	7.80	8.51	1.80	1.80	12.00	4.45	18.35	20.20	2180	2300	150
428HS	12.70	7.85	8.51	2.00	2.00	12.20	4.51	18.40	19.18	2180	2300	150

428HHD / 428HD Series



428HS Series





Specification

Model No.	Pitch	Inner Link Width (Min)	Pin Dia.	Overall width Riv.	Inner Plate Height	Outer Plate Thickness	Inner Plate Thickness	Middle Plate Thickness	Minimum Tensile Strength	Average Tensile Strength
Unit	mm	mm	mm	mm	mm	mm	mm	mm	kgf	kgf
AM2045-K-MV	6.35	7.15	2.72	10.90	6.70	1.00	1.00	-	1050	1330
AM2034-K-MV	6.35	5.10	2.72	8.25	6.70	0.70	1.00	-	800	1100
AM2023-K-MV	6.35	3.05	2.72	6.10	6.70	0.70	1.00	-	550	660
2045LN-96	6.35	9.05	2.72	10.60	6.75	0.70	1.00	1.22	1050	1400
2045LN-98	6.35	7.15	2.72	10.35	7.35	0.70	1.00	1.00	1050	1350
2034LN-98	6.35	5.10	2.42	8.30	7.35	0.70	1.00	1.00	800	950
2045LN-M	6.35	7.15	2.42	10.90	6.70	1.00	1.00	1.00	1050	1300
2034LN-M	6.35	5.10	2.42	8.25	6.70	0.70	1.00	1.00	800	1100
2023LN-M	6.35	3.05	2.42	6.10	6.70	0.70	1.00	1.00	550	600

SILENT CHAIN

This series is precisely fabricated with higher grade of alloy steels and exclusive heat treatment for engine timing application.

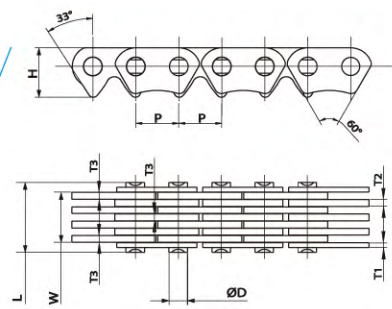
With advanced stamping method on link plates, it optimizes the contact area with sprocket and largely decreases chain stretch because of excellent friction resistance.

Of course, the operation noise is dramatically lowered at the same time.

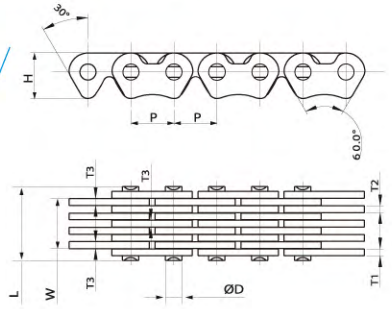
The integrated properties of AM silent chain qualify itself as the best option for smooth engaging mechanism and minimum energy loss in power transmission.



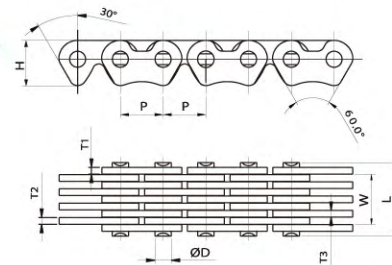
98 Series



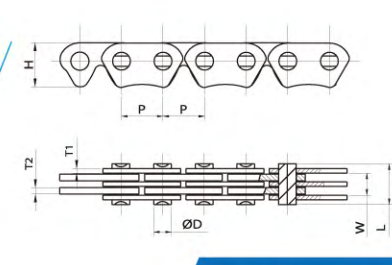
96 Series



LN-M Series

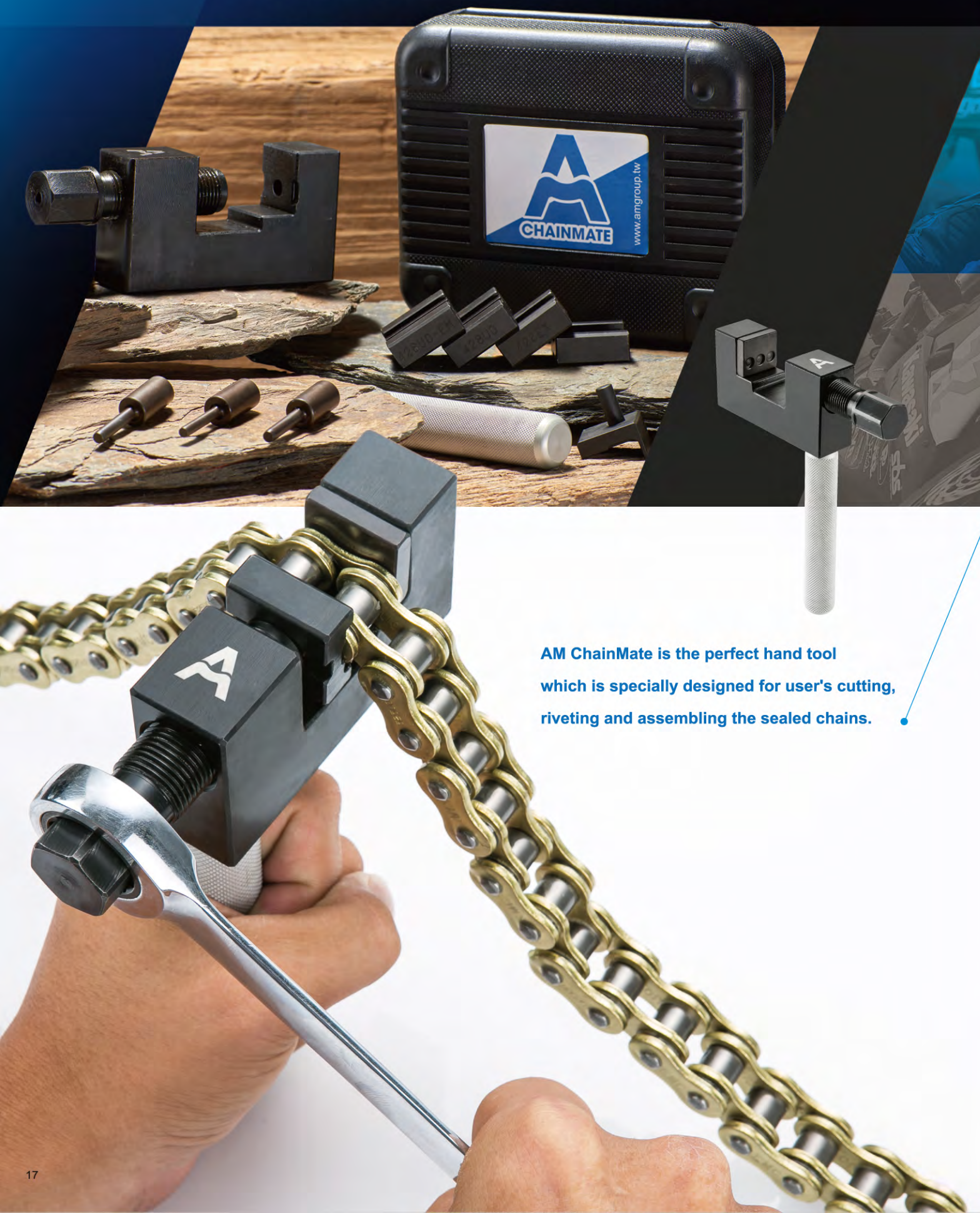


K-MV Series



ChainMate

Note



AM ChainMate is the perfect hand tool
which is specially designed for user's cutting,
riveting and assembling the sealed chains.

