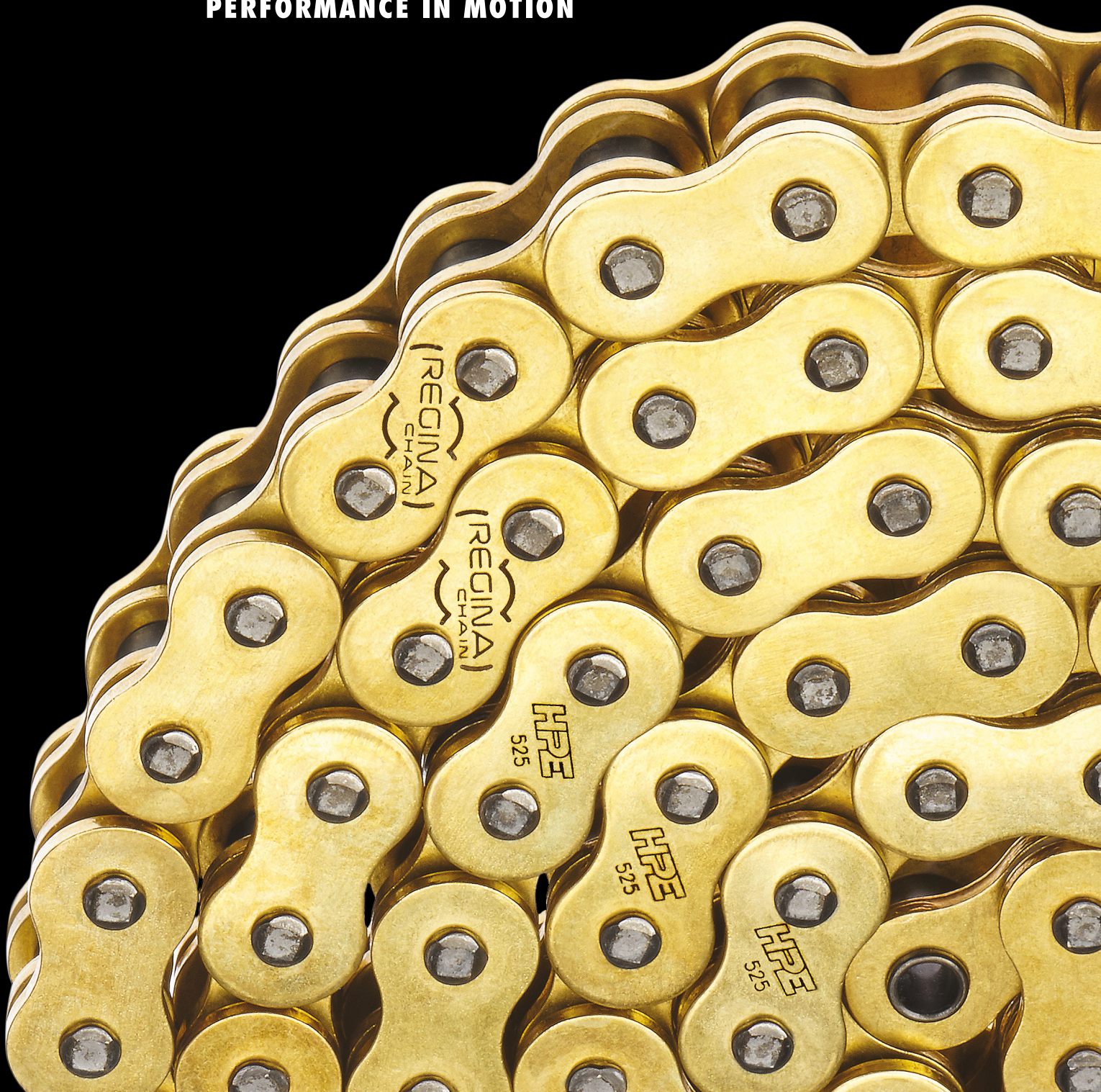


# HPD



PERFORMANCE IN MOTION

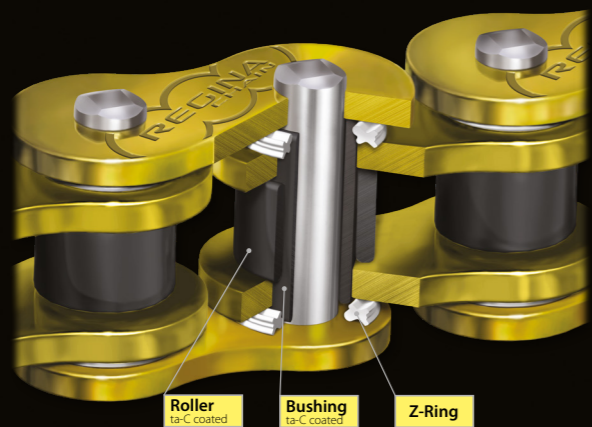


# HIGH PERFORMANCE ENDURANCE

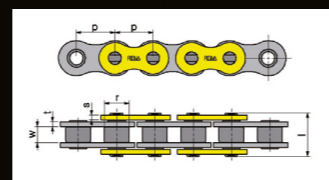
## THE FIRST MAINTENANCE FREE CHAIN

The Tetrahedral Amorphous Carbon (ta-C) coating, currently considered as the most advanced among DLC (Diamond Like Carbon) coatings, applied on the surfaces of the bushings and the rollers of the HPE Chain, combining high hardness with a low coefficient of friction

- eliminates the need of periodic re-lubrication, while ensuring at least the same mileage obtained with a normal chain regularly lubricated every 500 km
- reduces energy dissipation and increases efficiency in the chain drive
- eliminates lubricant spatter during operation, minimizing environmental impact.



Roller ta-C coated  
Bushing ta-C coated  
Z-Ring



### Product range

CHAIN		PITCH		INNER WIDTH		ROLLER Ø	PLATE THICKNESS	PIN LENGTH	WEIGHT			AVERAGE TENSILE STRENGTH		Seal	Color	Connecting link type	
International Reference	Regina Reference	mm	in.	mm	in.	mm	mm	mm	kg/m	kg/100 links	Lbs/100 links	N	Lbs				
525	137 HPE	15,875	5/8	7,95	5/16	10,23	2,4	2,2	23,0	1,29	2,05	4,52	41.000	9,217	ZR	G	19
520	135 HPE	15,875	5/8	6,35	1/4	10,23	2,2	2,2	21,0	1,19	1,90	4,20	36.000	8.093	ZR	G	19

G = Gold

### Chain Kit

Available for most high-end motorcycles, Regina HPE Chain Kits are the best choice to perfectly replace the secondary drive train of your bike. Each kit is provided with heat treated steel front sprocket, induction hardened steel rear sprocket and the right Regina HPE chain for each

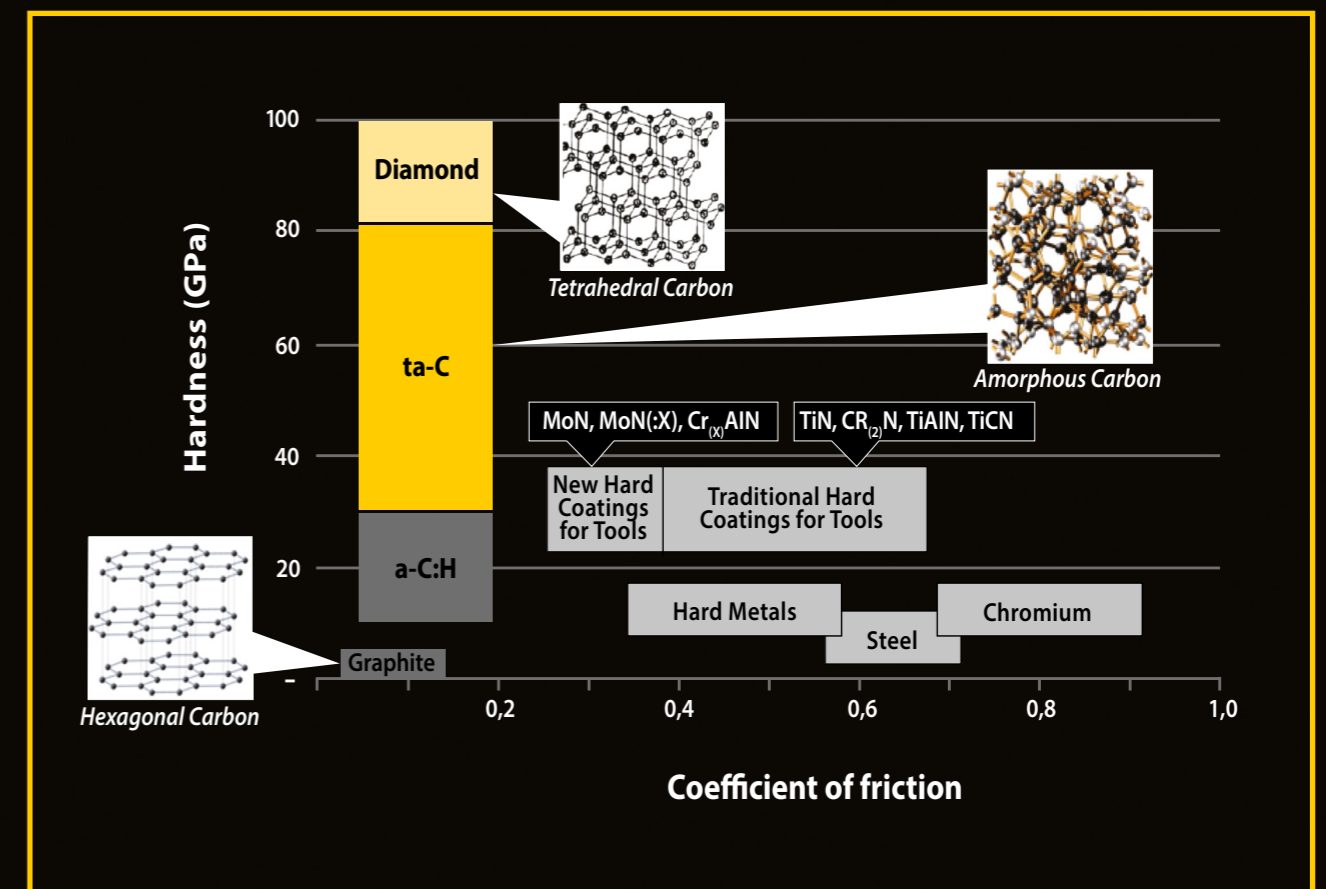
REGINA SEARCH ENGINE



### ta-C: THE CARBON COATING CLOSEST TO DIAMOND

Pure Carbon is present in nature only in two crystalline physical states: Diamond (atoms in Tetrahedral bonding arrangement) and graphite (atoms in Hexagonal Planar bonding arrangement).

ta-C is a synthetic state of pure Amorphous Carbon in which up to 80% of the atoms are bonded to each other with a Tetrahedral arrangement, in the same way of pure Diamond. For this reason, among all so called "DLC" (Diamond Like Carbon) coatings, the physical properties of ta-C (such as hardness & coefficient of friction) are the closest to pure Diamond, which is the hardest material on Earth.



## HPE Chain installation

- a chain drive using an HPE Chain does not require ta-C coated front and rear sprockets
- when installing a new HPE Chain, it is strongly recommended to replace front and rear sprockets with new ones. Sprockets must be made of steel

[www.reginachain.net](http://www.reginachain.net) - Chain Maintenance section, for detailed instructions.

## HPE Chain maintenance, cleaning and tensioning

To guarantee its best functionality and aesthetics over time, follow 3 simple rules:

- clean and re-lubricate the chain
  - after washing your bike
  - after using your bike in wet conditions and/or in salty or dusty environments
  - before storing your bike at the end of the riding season (winter season)
- re-lubricate the chain once a year
- check correct chain tensioning every 3.000 Km.

[www.reginachain.net](http://www.reginachain.net) - Chain Maintenance section, for detailed instructions.



**PERFORMANCE IN MOTION**

**REGINA CATENE CALIBRATE SPA:** Via Monza 90 -23870 Cernusco Lombardone (LC) Italy  
Tel. +39 039 99801 - Fax +39 039 9905229 - [sales@reginachain.net](mailto:sales@reginachain.net)

[www.reginachain.net](http://www.reginachain.net)

**REGINA  
MAINTENANCE  
SECTION**

