

DIATEST - DLC Black Diamond

DIATEST introduces a new and further developed standard for probes on 16.5.2022 – the DLC-coated probe!

This is our new DLC Black Diamond series!

In the following you will learn everything useful, necessary and interesting about our DLC Black Diamond series!

What is a DLC coating?

DLC is an abbreviation that stands for "Diamond-Like-Carbon". This means that probes will no longer have a chrome coating, but a DLC coating.

What are the advantages of DLC coating?

1. DLC offers extremely high wear protection as it is twice as hard as the chrome coating.
2. This leads to a longer service life, more intensive use and high economic efficiency!
3. DLC coatings are fully REACH compliant.

Why are DLC-coated split-ball probes becoming the new standard at DIATEST?

Basically, there are two weighty reasons:

1. Chrome plating is becoming increasingly expensive and time-consuming due to legal requirements; we can assume that this will become even more difficult.
2. A DLC coating is simply more resistant than a chromium-plated layer. It is "even tougher", as we put it on the flyer. Your customer will thank you (and us)!

Which split-ball probes receive a DLC coating?

- The following split-ball probes receive a DLC coating
 - Standard T
 - Blind hole T-FB
 - T-T probe head T-T
 - Blind-hole T probe T-T-FB
- The following split-ball probes will not be converted as they are/were not chromium plated:
 - Carbide T-HM / T-T-HM
 - Parallel T-PA / T-FB-PA
 - 3-point T-3P
 - Ceramic T-KE
- Special split-ball probes are only available in DLC coating.

When will the DLC-coated split-ball probes be available?

- Sales start: 16 May 2022

Will chrome-plated probes still be available?

Yes, but only as a special order with adjusted price and longer delivery time. For a transitional period from 16.5. to 31.5.2022, chrome-plated split-ball probes will be offered at the same price as the DLC-coated split-ball probes.

From 01.06.2022 the following will then apply:

- Chrome-plated split-ball probes cost € 10,- gross more than DLC-coated split-ball probes.

- Chrome-plated split-ball probes have a delivery time that is 3 weeks longer, as we have them chromium-plated externally.
- Chrome-plated special split-ball probes cost € 70,- more than DLC-coated probes, the delivery time is individual.

Do I have to pay attention to anything when ordering DLC probes?

No, the old order numbers remain unchanged. If you order a T-12 probe from 16.5.22, for example, you will automatically receive a T-12 with DLC coating. Only if you absolutely need a chrome-plated version, you have to write this explicitly. Or you can use the adapted order numbers, e.g.

- Standard split-ball probe: T-CR-12,
- T-T split-ball probe: T-T-CR-5.00,
- Set: M2-CR or
- Special split-ball probe: SO-T-CR.

Does the DLC coating affect the accessories?

No, all needles, holders, setting rings, depth extensions etc. can still be used.

Here are a few examples for a better understanding

DLC-Split-ball probe	CR-Split-ball probe
T-5,00	T-CR-5,00
T-FB-5,00	T-FB-CR-5,00
T-T-5,00	T-T-CR-5,00
T-T-FB-5,00	T-T-FB-CR-5,00
M2	M2-CR
M2-FB	M2-FB-CR
M2-T	M2-T-CR
SO-T	SO-T-CR



DLC Black Diamond