

BRISK RACING PREMIUM MULTI-SPARK PLUGS



Brisk Premium Multi-Spark plugs are an entirely new type of spark plug. Owing to their unique design, they produce more than one spark per impulse of the ignition system. More than one simultaneous point of ignition results in better and more spontaneous ignition of the air-fuel mixture. Spark Plug sparks are not shielded by the ground electrode; therefore it provides faster, unrestricted expansion of the flame front. The mixture burns more uniformly and more quickly. The result of better utilization of available combustion energy is more power, better acceleration, lower harmful exhaust emission and reduction in fuel consumption. Brisk Premium spark plugs are available in three design variations, each suitable for specific application LGS, GS, ZC.

- **Brisk Premium ZC Spark Plug** is a spark plug that has no grounding electrode and provides three simultaneous sparks per one ignition impulse. Each of the Spark Plug sparks occur at the point of the biggest fuel concentration. Individual Spark Plug sparks are sufficiently distanced from one another, thereby ensuring perfect ignition of the air and fuel mixture. The mixture burns more uniformly and more quickly. Brisk Premium ZC Spark Plug is suitable for clean burning engines with high intensity discharge ignition systems.
- **Brisk Premium TXS Spark Plug** has been developed following several years of experience of the working and testing process of Brisk Premium spark plugs in various cars and climatic conditions. They extend the use of brisk Premium spark plugs for engines with less perfect air and fuel mixture, for engines intended for environment with low outside temperature or engines equipped with less powerful ignition systems.

Key Benefits and Applications

- Multi Spark-Plugs Increase Engine Power!
- More Horse Power, Torque, Faster Acceleration and Response
- Maximum Spark Exposure - Better use of Available Energy

- Race Engines with Precise Air/Fuel Management
- Mild Supercharged / Turbocharged / Nitrous Engines
- All Late Model Vehicles - Better Gas Mileage
- Silver Center Electrode
- ZC/ZS Patented Auxillary Electrodes Technology
 - 3 Simultaneous Sparks per 1 Ignition Impulse
 - Sparks in Full 360 degree at Point of Richest Mixture
- TXS - 2 Simultaneous sparks per 1 ignition impulse
 - 1 Special Auxillary Electrode and 3 Ground Electrodes

3 SPARKS PER IGNITION DISCHARGE!!

BRISK PREMIUM MULTI-SPARK PLUG is the only spark plug in the world that produces 3 sparks per ignition impulse.

WHAT DOES THAT MEAN FOR YOU?

That means...with a multiple discharge ignition system (Accel, Crane, MSD, etc.), you will get three sets of three sparks (**9 sparks total**) per each single primary ignition system impulse.

DESCRIPTION OF OPERATION

Spark discharge looks for a path of least resistance from the spark plug center electrode to ground (spark plug shell).

On the surface of the spark plug insulator (between the center electrode and spark plug shell (ground)) is a conductive titanium oxide compound in the shape of rings, bonded by a **special patented process**. Because these rings are conductive, the rings act as a "short cut" for the spark discharge on the way to ground.

Spark "travels" from the center electrode to the edge of the first conductive ring, uses the ring as a conductor, jumps out from the other edge of the first ring into the edge of the second conductive ring, uses it as a conductor, and then the spark discharge "jumps out" into the spark plug shell (ground) to complete the secondary ignition circuit.

THE RESULT IS 3 SPARKS AT THE SAME TIME!!!

The 3 sparks are sufficiently distanced from each other and ignite 3 independent flame fronts anywhere in a 360 degree perimeter each individual ignition impulse, at the speed of light. Each spark, has the potential to spark anywhere in 360-degree perimeter but sparks at the point of the highest air/fuel concentration. Lean air/fuel mixture is hard to ignite and is difficult for the spark to occur.

PART NUMBER	PLUG SEAT	HEX SIZE	THREAD REACH	THREAD DIAMETER	TORQUE SPEC
AR08ZS	GASKET	16 mm (5/8")	19 mm (3/4")	10 mm x 1.00	7.2 - 8.7 FT LBS
AR10ZS	GASKET	16 mm (5/8")	19 mm (3/4")	10 mm x 1.00	7.2 - 8.7 FT LBS

PART NUMBER	PLUG SEAT	HEX SIZE	THREAD REACH	THREAD DIAMETER	TORQUE SPEC
AR12ZS	GASKET	16 mm (5/8")	19 mm (3/4")	10 mm x 1.00	7.2 - 8.7 FT LBS
BR08ZS	GASKET	16 mm (5/8")	19 mm (3/4")	12 mm x 1.25	10.8 - 14.5 FT LBS
BR10ZS	GASKET	16 mm (5/8")	19 mm (3/4")	12 mm x 1.25	10.8 - 14.5 FT LBS
BR12ZC	GASKET	16 mm (5/8")	19 mm (3/4")	12 mm x 1.25	10.8 - 14.5 FT LBS
BR12ZS	GASKET	16 mm (5/8")	19 mm (3/4")	12 mm x 1.25	10.8-14.5 FT LBS
BR14ZC	GASKET	16 mm (5/8")	19 mm (3/4")	12 mm x 1.25	10.8 - 14.5 FT LBS
CR10ZS	GASKET	14 mm (9/16")	26.5 mm (1")	10 mm x 1.00	7.2 - 8.7 FT LBS
DR08ZS	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
DR10ZC	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
DR10ZS	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
DR12ZC	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
DR12ZS	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
DR14ZC	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
GR12ZC	TAPERED	16 mm (5/8")	17.5 mm (.708")	14 mm x 1.25	7.2 - 14.5 FT LBS
GR14ZC	TAPERED	16 mm (5/8")	17.5 mm (.708")	14 mm x 1.25	7.2 - 14.5 FT LBS
GR15ZC	TAPERED	16 mm (5/8")	17.5 mm (.708")	14 mm x 1.25	7.2 - 14.5 FT LBS
L08ZS	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	7.2-14.5 FT LBS
L10ZS	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR08ZS	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR10ZS	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR12ZC	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR12ZS	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR14ZC	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR15ZC	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18 - 21.5 FT LBS
LR14TXS	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25	18-21.5 FT LBS
NR14TXS	GASKET	21 mm (13/16")	12.7 mm (1/2")	14 mm x 1.25	18-21.5 FT LBS

Rely only on high-grade performance ignition systems on our virtual shelves.