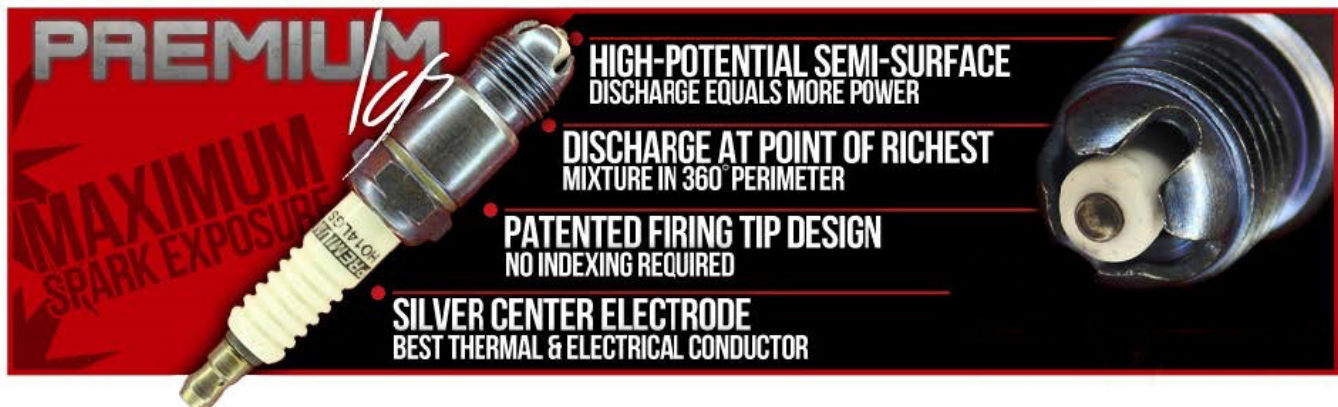


# BRISK RACING PREMIUM LGS SPARK PLUGS



Brisk Premium LGS spark plug has been developed after two-year cooperation with Lamborghini Morori Marini. Brisk Premium LGS spark plug utilizes extremely long glide-spark and massive integrated side electrode. Massive integrated side electrode ensures superior heat removal from active part of the spark plug even in the most extreme conditions, therefore eliminating electrode burn off seen on conventional spark plugs in race applications. Extremely long glide spark (almost 3mm) protrudes deep into combustion chamber, carries more potential charge and is unshielded by the conventional side ground electrode. The air and fuel mixture is ignited by the Brisk Premium LGS spark plug more spontaneously and flame front spread is unrestricted and more uniform.



Spark gap enabling surface flashover (extreme long) with the possibility of spark-over around full circumference 360°. Ignition spark will jump always at point of highest fuel concentration. Substantially higher flame propagation rate in the initial phase of flame propagation in the combustion chamber enables superior fuel energy utilization. The combustion velocity in conjunction with knock sensor assures engine-power increase. The spark gap of spark plugs BRISK PREMIUM "LGS" is protruded deep into combustion chamber.

## Key Benefits and Applications

- High-Potential Semi-Surface Discharge = MORE POWER
- Discharge at Point of Richest Mixture in 360 Degrees Perimeter
- Patented Firing Tip Design - No Indexing

- Retracted Integrated Ground Electrodes
- Silver Center Electrode - Best Thermal and Electrical Conductor

### Properties of Materials

Material	Thermal Conductivity W/(m•K)	Electrical Conductivity MS/m
Silver	407	66
Copper	384	57
Gold	310	45
Iridium	147	18
Platinum	70	10
Nickel	59	10

PART NUMBER	ELECTRODE GAP	SEAT	HEX SIZE	THREAD REACH	THREAD DIAMETER
AR08GS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	10 mm x 1.00
AOR10LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	10 mm x 1.00
AOR12LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	10 mm x 1.00
AOR14LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	10 mm x 1.00
BOR10LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	12 mm x 1.25
BOR12LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	12 mm x 1.25
BOR14LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	12 mm x 1.25
CR08GS	STANDARD	GASKET	16mm (5/8")	26.5mm (1.05")	10 mm x 1.00
COR12LGS	STANDARD	GASKET	14 mm (9/16")	26.5mm (1.05")	10 mm x 1.00
DR08GS	STANDARD	GASKET	16 mm (5/8")	19 mm (3/4")	14 mm x 1.25
DO10LGS-T	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14mm x 1.25
DOR08LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR11LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR12LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR12LGS-T	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR14LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR14LGS-T	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR15LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
DOR17LGS	STANDARD	GASKET	16mm (5/8")	19 mm (3/4")	14 mm x 1.25
EOR14LGS	STANDARD	GASKET	16mm (5/8")	26.5mm (1")	14 mm x 1.25
EOR15LGS	STANDARD	GASKET	16mm (5/8")	26.5mm (1")	14 mm x 1.25
ER10GS	STANDARD	GASKET	16mm (5/8")	26.5mm (1")	14 mm x 1.25
GO11LGS-T	STANDARD	TAPERED	16mm (5/8")	18 mm (.708")	14 mm x 1.25
GOR14LGS	STANDARD	TAPERED	16mm (5/8")	17.5mm (.708")	14 mm x 1.25
GOR14LGS-T	REDUCED	TAPERED	16mm (5/8")	17.5mm (.708")	14 mm x 1.25
GOR15LGS	STANDARD	TAPERED	16mm (5/8")	17.5mm (.708")	14 mm x 1.25
GOR15LGS-T	REDUCED	TAPERED	16mm (5/8")	17.5mm (.708")	14 mm x 1.25
GOR17LGS	STANDARD	TAPERED	16mm (5/8")	17.5mm (.708")	14 mm x 1.25
HO11LGS-T	STANDARD	TAPERED	16 mm (5/8")	12.7mm (1/2")	14 mm x 1.25
HOR11LGS	STANDARD	TAPERED	16 mm (5/8")	12.7mm (1/2")	14 mm x 1.25
HO12LGS	STANDARD	TAPERED	16 mm (5/8")	12.7mm (1/2")	14 mm x 1.25
HOR12LGS	STANDARD	TAPERED	16 mm (5/8")	12.7mm (1/2")	14 mm x 1.25

<b>PART NUMBER</b>	<b>ELECTRODE GAP</b>	<b>SEAT</b>	<b>HEX SIZE</b>	<b>THREAD REACH</b>	<b>THREAD DIAMETER</b>
HOR14LGS	STANDARD	TAPERED	16mm (5/8")	11.2mm (7/16")	14 mm x 1.25
HOR15LGS	STANDARD	TAPERED	16mm (5/8")	11.2mm (7/16")	14 mm x 1.25
HOR17LGS	STANDARD	TAPERED	16mm (5/8")	11.2mm (7/16")	14 mm x 1.25
LOR12LGS	STANDARD	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25
LOR14LGS	STANDARD	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25
LOR15LGS	STANDARD	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25
LOR17LGS	STANDARD	GASKET	21 mm (13/16")	19 mm (3/4")	14 mm x 1.25
MOR12LGS	STANDARD	GASKET	14 mm (9/16")	26.1mm (1.05")	12 mm x 1.25
MR08GS	STANDARD	GASKET	14 mm (9/16")	26.1mm (1.03")	12 mm x 1.25
NAOR10LGS	STANDARD	GASKET	16 mm (5/8")	12.7mm (1/2")	10 mm x 1.00
NAOR12LGS	STANDARD	GASKET	16 mm (5/8")	12.7mm (1/2")	10 mm x 1.00
NAOR14LGS	STANDARD	GASKET	16 mm (5/8")	12.7mm (1/2")	10 mm x 1.00
NOR12LGS	STANDARD	GASKET	21 mm (13/16")	12.7mm (1/2")	14 mm x 1.25
NOR14LGS	STANDARD	GASKET	21 mm (13/16")	12.7mm (1/2")	14 mm x 1.25
NOR15LGS	STANDARD	GASKET	21 mm (13/16")	12.7mm (1/2")	14 mm x 1.25
ROR14LGS	STANDARD	TAPERED	16mm (5/8")	25mm (.98")	14 mm x 1.25
ROR15LGS	STANDARD	TAPERED	16mm (5/8")	25mm (.98")	14 mm x 1.25