

Thread Diameter	
A:	18 mm
B:	14 mm
C:	10 mm
D:	12 mm
J:	12 mm

Thread Reach	
E:	19 mm (3/4")
EF:	Tapered Seat 17.5 mm (.708" Reach)
FS:	Tapered Seat 10.9 mm (.460")
H:	12.7 mm (1/2")
EH:	Partial thread 19 mm (3/4" Total Reach) 12.7 mm (1/2" Total Thread)
L:	11.2 mm (7/16")
S:	9.5 mm (3/8") Reach
Z:	21 mm
NO SYMBOL:	
18mmø = 12 mm Reach	
14mmø = 9.5 mm (3/8") Reach	

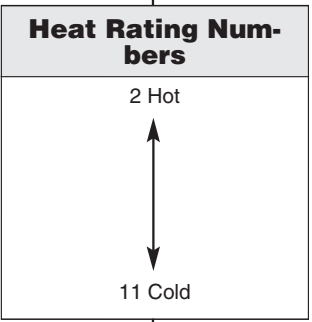
Firing End Construction	
A:	Special Design
B:	Special Design
C:	Low Angle Ground Electrode
CM:	Compact type, low angle ground electrode
E:	V-Grooved center electrode (14mm only) 1.5mm Insulator
ES:	Standard 3/4" Thread Reach (2.5mm) center electrode
F:	Tapered Seat
G:	Fine wire nickel alloy center electrode
G-G:	Copper core ground electrode
GP:	Platinum Firewire (6mm)
GV:	Gold-palladium center electrode Special Construction of V-Type. Racing use
IX:	High Performance Iridium
K:	2-Ground electrodes
L:	Half heat range, (See spec. chart)
LM:	Compact type for Lawn Mower
M:	2-Ground electrodes For Mazda Rotary Eng.
N:	Special Side electrode
P:	Premium Platinum
Q:	4-Ground electrode
R:	Special Ground electrode
S:	Standard 2.5mmø center electrode
T:	3-Ground electrode
U:	Semi-surface discharge
V:	Fine wire gold palladium center electrode
VX:	High performance platinum
W:	Tungsten electrode
X:	Booster gap
Y:	V-Grooved center electrode (14mm only) 2.5mm Insulator
Z:	Thick 2.9mmø center electrode

Construction (ONE OR MORE LETTERS MAY BE COMBINED)	
C:	Hex Size 5/8"
K:	Hex Size 5/8" Projected Tip (ISO)
M:	Compact Type
P:	Projected Insulator Type
R:	Resistor Type
U:	Surface or Semi-Surface Discharge Type
Z:	Inductive Resistor



- WIDE GAP -	
8	0.8mm (.032")
9	0.9mm (.036")
10	1.0mm (.040")
11	1.1mm (.044")
13	1.3mm (.052")
14	1.4mm (.055")
15	1.5mm (.060")
20	2.0mm (.080")

Plug Type	
I:	Iridium Platinum
L:	Thread Reach 26.5mm
P:	Premium Platinum
Z:	Extended Gap



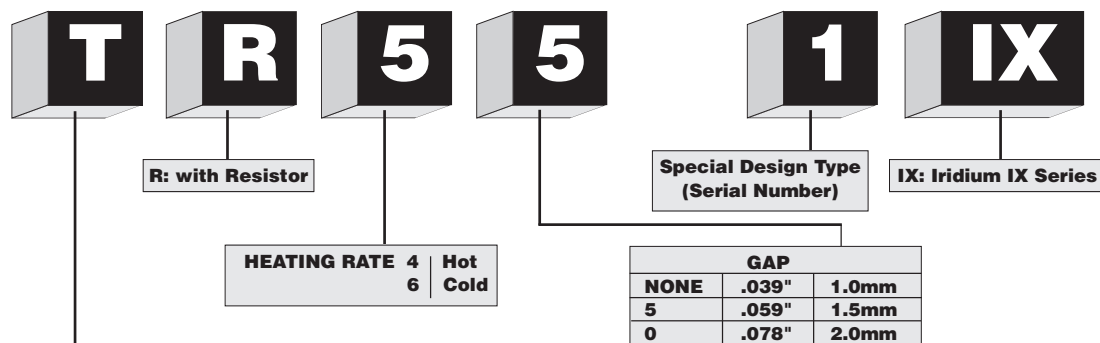
Firing End Construction	
A, B, C...: Special Design	



Metal Shell Size	
F:	ø 14, 19mm (3/4") Reach, 16mm (5/8") Hex.
G:	ø 14, 19mm (3/4") Reach, 20.6mm (13/16") Hex.
J:	ø 12, 19mm (3/4") Reach, 19mm Hex.
M:	ø 10, 19mm (3/4") Reach, 16mm (5/8") Hex.
T:	Tapered Seat ø 14, 17.5mm Reach, 16mm (5/8") Hex.
PTR5A-13:	ø 14, 25mm Reach, 16mm (5/8") Hex.

Construction	
R:	Resistor

DESIGN SYMBOLS: SPARK PLUGS



Letter	Thread Diameter	Reach	Insulator Type	Seat Type
F	14 mm Hex. 5/8"	3/4" (19mm)	Projected	Gasket Seat
F-1	14 mm Hex. 5/8"	22mm	Projected	Gasket Seat
G	14 mm	3/4" (19mm)	Projected	Gasket Seat
T	14 mm Hex. 5/8"	.708"	Projected	Taper Seat
T-1	14 mm Hex. 5/8"	.807"	Projected	Taper Seat
U	14 mm	.460"	Projected	Taper Seat
W	18 mm	.460"	Projected	Taper Seat
X	14 mm	3/8"	Projected	Gasket Seat
Y	14 mm	.460"	Non-Projected	Taper Seat

HEAT RATING
Hot = 4
Cold = 7

SPARK PLUG GAP
None = .031 (0.8mm)
-11 = .043 (1.1mm)

Prefix	Hex	Thread Diameter	Insulator Type	Plug Type	Reach	Suffix Type	Seat Type
BCPR	5/8"	14mm	Projected	Resistor	3/4"	E,EY,EYA	Gasket Seat
BKR	5/8" (ISO)	14mm	Non-Projected	Resistor	3/4"	E,EY,EYA	Gasket Seat
BR	5/8"	14mm	Non-Projected	Resistor	3/4"	EF	Tapered Seat
BR	13/16"	14mm	Non-Projected	Resistor	3/4"	EYA	Gasket Seat
BPM (Compact Type)	3/4"	14mm	Projected	Non-Resistor	3/8"	Y	Gasket Seat
BP	13/16"	14mm	Projected	Non-Resistor	3/4"	EY	Gasket Seat
BPR	13/16"	14mm	Projected	Resistor	3/4"	EY	Gasket Seat
BP	13/16"	14mm	Projected	Non-Resistor	1/2"	HN	Gasket Seat
B	13/16"	14mm	Non-Projected	Non-Resistor	3/8"	Y	Gasket Seat
BPMR (Compact Type)	3/4"	14mm	Projected	Resistor	3/8"	Y	Gasket Seat
BM (Compact Type)	3/4"	14mm	Non-Projected	Non-Resistor	3/8"	Y	Gasket Seat
BMR (Compact Type)	3/4"	14mm	Non-Projected	Resistor	3/8"	A	Gasket Seat

EXTENDED GAP TYPE

Prefix	Hex	Thread Diameter	Insulator Type	Plug Type	Reach	Suffix Type	Seat Type
ZGR	13/16"	14mm	Projected	Resistor	3/4"	A	Gasket Seat
ZGR	13/16"	14mm	Projected	Resistor	22.0mm	C	Gasket Seat
ZFR	5/8" (ISO)	14mm	Projected	Resistor	22.5mm	E	Gasket Seat
ZFR	5/8" (ISO)	14mm	Projected	Resistor	3/4"	F,J	Gasket Seat