R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Eclipse Spark Ignition Electrode 23045

Brand: Honeywell Eclipse | Code/Part No.: 23045 / EC23045 | Category: IGNITION SPARK ELECTRODES

Specifications

Part Number	**23045 / EC23045**
Product Type	**Burner Spark Electrode / Ignition Rod (Self-Grounding, Extended Ceramic)**
Electrode Base Depth	**101 mm (3.98 in.)**
Thread Type / Size	**M14 (14mm x 1.25mm)**
Electrode Gap Distance	**1.5 mm**
Operating Temperature	**-100°C to 1350°C**
Burner Compatibility	**Eclipse Thermjet (TJ) & RatioAir (RA) burners, FurnNOx systems**
Grounding Type	**Self-Grounding (M14 connection)**
Primary Application	**Industrial boilers, commercial furnaces & high-temperature process heaters**
Electrode & Wiring Material	**Kanthal A1 (FeCrAl resistance wire), alumina ceramic body**
Manufacturer	**Honeywell Eclipse**



Description

The Honeywell Eclipse 23045 is a self-grounding burner spark ignition electrode with an extended ceramic insulator body, a 101mm base depth (3.98 in.) and M14 x 1.25mm threaded mounting. It features a 1.5mm fixed spark gap and is rated for continuous operation from -100°C to 1350°C. It is used on Eclipse Thermjet (TJ) and RatioAir (RA) burners and FurnNOx systems, and is suited to industrial boilers, commercial furnaces and high-temperature process heaters. Manufactured by Honeywell Eclipse (Eclipse Combustion).

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.