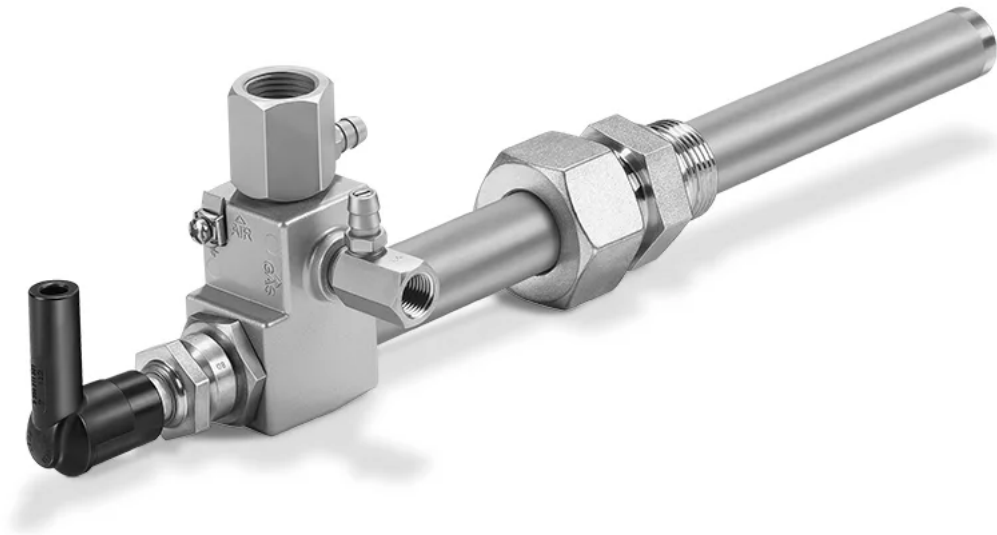


PILOT BURNERS

Pilot burner ZMI

Pilot burner with one ignition/monitoring electrode for safe ignition of gas burners in conjunction with automatic burner control units IFS/IFD or PFS/PFD, with forced air supply.

Overview



Pilot burner with one ignition/monitoring electrode for safe ignition of gas burners in conjunction with automatic burner control units IFS/IFD or PFS/PFD, with forced air supply.

Features & Benefits:

- Capacity: 0.8 to 3.4 kW
- Fuel type: natural gas, town gas or LPG
- Length of Burner Tube: 150 to 1000 mm
- Connection: threaded

More Information:

- [Technical Information for ZMI, ZMIC](#)
- [Find products in ProFi for ZMI, ZMIC](#)
- [Find spare parts in PartDetective for ZMI](#)

Specifications

APPLICATIONS & COMPATIBILITY

Applications

- Can be used as an independently operated pilot burner
- Metal and ceramic furnaces, non-ferrous processing, heat treatment, flame curtains
- Safe ignition of gas burners in furnaces, kilns, and heat-treatment installations

PRODUCT OVERVIEW & CLASSIFICATION

Product Variants

- ZMI 16, ZMI 25

OVERVIEW

Product Category

- Ionization-controlled pilot burner with forced air supply



INSTALLATION & MOUNTING SPECIFICATIONS

Mounting Options

- Movable burner bracket for precise flame positioning

MAXIMUM/MINIMUM TEMPERATURE LIMITS

Maximum Temperature Tip

- 1000 deg C (1832 deg F); 900 deg C (1652 deg F) for lambda <1

MATERIAL SPECIFICATIONS

Material

- Aluminium

Flame Tube Material

- Heat-resistant steel

ELECTRICAL SPECIFICATIONS

Maintenance Interval

- Annual functional check recommended

PRESSURE SPECIFICATIONS

Inlet Pressure Range

- Air: Up to 120 mbar (47 in WC)
- Gas: Up to 80 mbar (32 in WC)

IGNITION, FLAME & SUPERVISION SPECIFICATIONS

Ignition Type

- Direct spark ignition

Flame Monitoring

- Ionization (single-electrode operation)

Cooling Requirements

- 3 mm cooling air gap required in burner block

FUEL, GAS & MEDIA SPECIFICATIONS

Gas Type

- Factory-set for Natural Gas (convertible)
- Natural Gas, Town Gas, Coke Oven Gas, LPG

BURNER/FLAME-RELATED LENGTHS

Flame Length

- ZMI 16: ~40 mm
- ZMI 25: ~60 mm

CONNECTIONS & INTERFACES

Connection Type

- R (Rp internal), N (NPT)



PERFORMANCE SPECIFICATIONS

Capacity

- ZMI 16: 1-2 kW; ZMI 25: 2.5-4 kW (fuel-dependent)

STANDARDS & CERTIFICATIONS

Approvals

- EN 746-2, Machinery Directive 2006/42/EC, Russia approvals

Filters

▼ CATEGORY

- ☒ Spare Part
- ☒ Base Part

▼ TYPE

- ☒ Spark Ignition Rod
- ☒ Pilot Burner
- ☒ Flame Tube
- ☒ Burner Tube
- ☒ Insulation
- ☒ Mounting Device
- ☒ Nozzle

 Search

Part Number [KS34449150](#)

Description SCR, AIR, ZKI

Category Spare Part

Type Screw

[Order Online](#)

Part Number [KS34450220](#)

Description GSKT, ZKIH

Category Spare Part

Type Gasket

[Order Online](#)

Part Number [KS34450230](#)

Description ADJUSTER, BRNR, PILT, ZKIH

Category Spare Part

Type Burner Adjuster

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Part Number [KS34450250](#)

Description SCR, RETN, BRNR, ZKI

Category Spare Part

Type Screw

[Order Online](#)

Part Number [KS34450260](#)

Description TB, MXG, BRNR, ZKIH BL.150

Category Spare Part

Type Burner Tube

[Order Online](#)



Part Number	KS34450261
Description	TB, MXG, BRNR, ZKIH BL.200
Category	Spare Part
Type	Burner Tube
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Part Number	KS34450262
Description	TB, MXG, BRNR, ZKIH BL.300
Category	Spare Part
Type	Burner Tube
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Part Number	KS34450263
Description	TB, MXG, BRNR, ZKIH BL.400
Category	Spare Part
Type	Burner Tube
	Order Online
Part Number	KS34450264
Description	TB, MXG, BRNR, ZKIH BL.500
Category	Spare Part
Type	Burner Tube
	Order Online
Part Number	KS34450520
Description	NZL, BRNR, PILT, ZKI
Category	Spare Part
Type	Burner Nozzle
	Order Online

Rows

10 ▾

Product Number



Please sign in to view part numbers available for purchase based on your account

Sign In

KS34449150

SCR,AIR,ZKI

KS34449150

SCR,AIR,ZKI

KS34450220

GSKT,ZKIH

KS34450220

GSKT,ZKIH

KS34450230

ADJUSTER,BRNR,PILT,ZKIH

KS34450230

ADJUSTER,BRNR,PILT,ZKIH

KS34450250

SCR,RETN,BRNR,ZKI



KS34450250

SCR,RETN,BRNR,ZKI

KS34450260

TB,MXG,BRNR,ZKIH BL.150

KS34450260

TB,MXG,BRNR,ZKIH BL.150

KS34450261

TB,MXG,BRNR,ZKIH BL.200

KS34450261

TB,MXG,BRNR,ZKIH BL.200

KS34450262

TB,MXG,BRNR,ZKIH BL.300

KS34450262

TB,MXG,BRNR,ZKIH BL.300

KS34450263

TB,MXG,BRNR,ZKIH BL.400

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TB,MXG,BRNR,ZKIH BL.400

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TB,MXG,BRNR,ZKIH BL.500

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