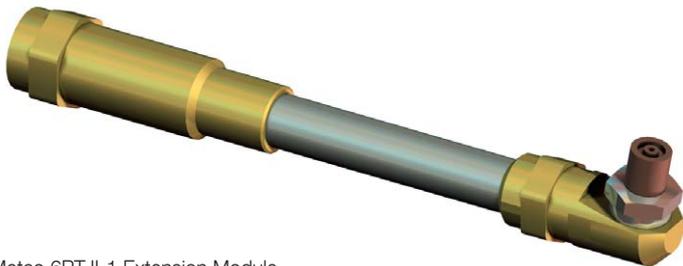


## Product Data Sheet

# Metco 6PT-II Extension Modules for the 6P-II Series Combustion Powder Spray Gun

**Metco™ 6PT-II series extension modules are a cost effective accessory designed to increase the functionality of the Metco 6P-II Powder Combustion Gun, by permitting the coating of interior bore diameters and surfaces.**

Each of these extension modules is of rugged and sturdy construction. They are designed for use with the 6P-II gun; replacing the Metco 6P-II gun air cap, nozzle and siphon plug assemblies, and seal in a manner identical to standard 6P-II gun hardware.



Metco 6PT-II-1 Extension Module

### 1 General Description

The standard extension modules are configured for a spray angle of 80°. An optional configuration of 45° is available. Inside diameters as small as 168 mm (6.625 in) can be coated, depending on the spray angle and the spray distance required for the specific material being applied.

Air passages through the extension module provide a shield of air around the flame to cool the workpiece and the extension, thus reducing the chance of overheating and eliminating the need to interrupt spraying for auxiliary cooling.

Extension modules are available in two standard lengths:

Metco 6PT-II-1:	305 mm	(1 ft)
Metco 6PT-II-2:	610 mm	(2 ft)

### 2 Features and Benefits

- Cost effective: extends the capability of an existing Metco 6P-II powder combustion gun.
- Rugged design: built for long service life with limited maintenance.
- Choice of fuel gas: allows spray operations to choose between acetylene and hydrogen.
- Integrated cooling: allows continuous spraying without the need to cool the workpiece and extension.
- O-ring seals between nozzle and siphon plug: ensures safe and reliable operation without the risk of backfire and simplifies gun maintenance.
- Choice of tube assemblies: permits coating application at different angles.
- Simple to maintain: uses the same nozzle and siphon plug assemblies as the Metco 6P-II series guns.

### 3 Accessories and Options

Oerlikon Metco offers a variety of options that allow configuration of the Metco 6P-II series guns and Metco 6PT-II series extensions for use in a wide number of coating applications and to suit specific production requirements. These include hoses, nozzles, siphon plugs and air caps. Customers should choose the correct parts for the specific application and spray requirements. Optional tube assemblies are available for the Metco 6PT-II series extension modules that permit coating application at 45°.

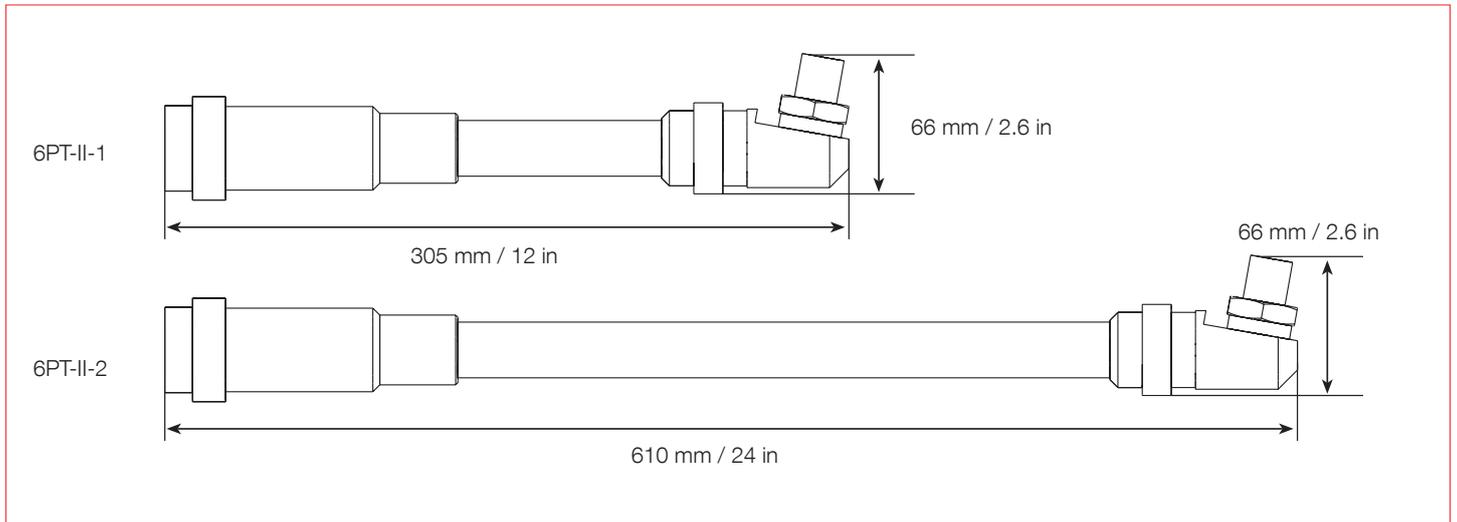
For a complete list of optional parts and spare parts, please refer to the parts lists section of the reference manual.



Metco 6PT-II 45° Spray Head

## 4 Technical Data

### 4.1 Dimensions



### 4.2 Specifications

<b>Process Gases</b>			
Fuel Gas		Acetylene, hydrogen	
Oxygen			
<b>Air requirements</b>			
Flow	approximate	94 NLPM	210 SCFH
Pressure		2.4 to 2.8 bar	35 to 40 psi
Quality		clean, dry and oil-free	
<b>Application</b>			
Minimum bore size <sup>a</sup>		168 mm	6.625 in

<sup>a</sup> Dependant on specific coating application, spray angle and coating material applied

Information is subject to change without prior notice.