AIR MIST NOZZLE AM 4

The Air Mist nozzle rectangle or full cone is used for cooling in continuous casting plants.

MODEL AM 4 L FULL CONE

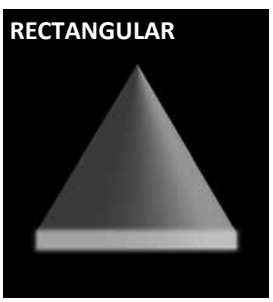
MODEL AM 4 R RECTANGULAR

MODEL AM 4 Y RECTANGULAR

STANDARD – SPRAY ANGLE

Full cone: 45°, 65°, 90°
Rectangular: 30°x60°, 30°x90°, 30°x120°, 45°x90°, 60°x30°, 90°x30°, 90°x45°, 120°x30°
Rectangular Y: 45°x90°

other angles on request



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AIR MIST NOZZLE AM 4

FIELD OF APPLICATION

Steel production

AVAILABLE IN THE FOLLOWING MATERIALS

Non-ferrous metal
brass

other materials on request

DIMENSIONS

Type	Spray	Water capacity l/min at 2.8 bar	Spray-Angle	Nozzle length (mm)	Air capacity Nm³/h at 2 bar
AM 4 L	Full cone	1.0 – 8.0 (Δ= 1.0)	45° 65° 90°	83, 90, 100 110 – 450 (Δ= 10)	6.0
AM 4 R	Rectangular	1.0 – 8.0 (Δ= 1.0)	30° x 60° 30° x 90° 30° x 120° 45° x 90° 60° x 30° 90° x 30° 90° x 45° 120°x 30°	83, 90, 100 110 – 450 (Δ= 10)	6.0
AM 4 Y	Rectangular	1.0 – 8.0 (Δ= 1.0) 8.0 – 16.0 (Δ= 2.0)	45° x 90°		8.8

other capacity, angles and lengths on request

FOR ORDERING WE NEED FOLLOWING INFORMATION

Field of application
medium to spray (viscosity)
fitting position / spray distance nozzle – spray area
temperature range
frequency range

Nozzle specification
type of material
nozzle type
spray angle
capacity (l/min, l/h)
nozzle length (mm)
operating pressure (bar)

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