

**ER collet with seal and spray nozzles, ER 32, Nominal clamping  $\varnothing$  d: 12mm****Order data**

Order number	309002 12
GTIN	4045197645296
Item class	32Z

**Description****Version:**

Through hardened and ground. Polished.  
Sealed versions with spray nozzles only for nominal  $\varnothing$ .

**Technical description**

Nominal clamping $\varnothing$ d	12 mm
Adapter	ER 32
Standard	ISO 15488-A
Concentricity	$\leq 10 \mu\text{m}$
Type	469 E
External $\varnothing$ D	33 mm
Overall length L	40 mm
Type of product	Collet

