

## Centre drill with radius HSS Type R

For universal use up to 1000 N/mm<sup>2</sup>

**ATORN**<sup>®</sup>

### Application

For centre drilling on CNC machines.

### Version

- spiral-fluted design with relief grinding. diameter 0.5–0.8, ground on one side

### Advantage

- less risk of centre drill breakage, since the radius does not leave behind sharp edges
- radius compensates for positioning inaccuracies and angle errors (sufficient bearing surface present even with offset lathe centre)

### Delivery

Packaging unit: ref. no. 005 - 025 = 10 pieces (price per piece)



Application	Steel (N/mm <sup>2</sup> )			Stainless steel		Alu		Brass		Bronze		Plas-tics	Graphite G(C)FK	GG(G) GJMW	Titan-alloy	Nickel-alloy	Super-alloy	Hard mat.	
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long							<55 HRC	<65 HRC
	40	20	10	10		50	80	40	35	35	30	20	10	20					

<b>Art. No.</b>	<b>11010 031</b>
<b>Countersink angle</b>	60 Degree
<b>Cutting material</b>	HSS
<b>Surface</b>	Uncoated
<b>Form</b>	R
<b>Tool holding device</b>	HA parallel shank
<b>Cutting edge diameter</b>	3.15 mm
<b>Shaft diameter</b>	8 mm
<b>Min./max cutting edge length</b>	8-8.5 mm
<b>Length</b>	50 mm
<b>Radius</b>	8 mm
<b>f steel 700</b>	0.05 mm/U
<b>DIN</b>	333

### EAN-Code

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