

Centre drill with radius HSS-E form R with surface

For universal use up to 1300 N/mm²

ATORN[®]



Application

For centre drilling on conventional and CNC machines.

Version

- spiral-fluted design with relief grinding

Advantage

- radius compensates for positioning inaccuracies and angle errors (sufficient bearing surface present even with offset lathe centre)
- radial relief ensures optimum chip breaking
- Face ensures good accessibility

Application	Steel (N/mm ²)			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	20	15	10	50	80	40	30	35	40	20	10	20	5	5	5		

Art. No.	11010 160
Countersink angle	60 Degree
Cutting material	HSSE
Surface	Uncoated
Form	R
Tool holding device	HA parallel shank
Cutting edge diameter	1.6 mm
Shaft diameter	4 mm
Min./max cutting edge length	4.2-4.7 mm
Length	35 mm
Radius	4 mm
DIN	333

EAN-Code

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