

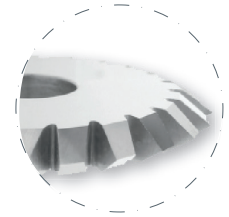
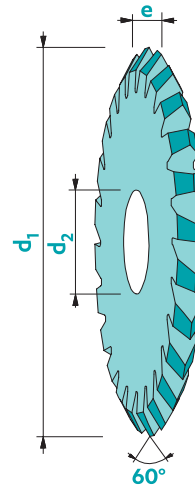
Biconical cutter 60°

229-1

Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating *
Steel < 700 N/mm ²	64	96	□	■	Tisi (BQ)
Steel > 700 N/mm ²	48	80	□	■	Tisi (BQ)
Stainless steel	48	80	□	■	Tisi (BQ)
Cast iron	40	72	□	■	Tisi (BQ)
Copper	160	240	□	■	Solo (DA)
Brass - Bronze	160	240	■	□	Solo (DA)
Aluminium	200	320	□	■	Solo (DA)
Gold - Silver	120	240	□	■	Solo (DA)
Platinum - Palladium	-	-	-	-	-
Superalloys	16	32	□	■	Trio (PO)
Titanium	32	48	■	■	Rico (ZB)

not adapted - adapted □ highly adapted ■

Tolerances e: +/-0.01
d₂: H5



Art. n°	d ₁	e	d ₂	Z		
					Uncoat.	Trio*
229-1d20e0.5	20	0.5	5	20	▲	▲
229-1d20e1.0	20	1.0	5	20	▲	▲
229-1d20e1.5	20	1.5	5	20	▲	▲
229-1d20e2.0	20	2.0	5	20	▲	▲
229-1d25e1.0	25	1.0	8	20	▲	▲
229-1d25e1.5	25	1.5	8	20	▲	▲
229-1d25e2.0	25	2.0	8	20	▲	▲
229-1d30e2.0	30	2.0	8	24	▲	▲
229-1d30e2.5	30	2.5	8	24	▲	▲
229-1d30e3.0	30	3.0	8	24	▲	▲
229-1d30e4.0	30	4.0	8	24	▲	▲
229-1d30e5.0	30	5.0	8	24	▲	▲
229-1d40e2.0	40	2.0	10	32	▲	▲
229-1d40e3.0	40	3.0	10	32	▲	▲
229-1d40e4.0	40	4.0	10	32	▲	▲
229-1d40e5.0	40	5.0	10	32	▲	▲
229-1d50e2.0	50	2.0	13	32	▲	▲
229-1d50e3.0	50	3.0	13	32	▲	▲
229-1d50e4.0	50	4.0	13	32	▲	▲
229-1d50e5.0	50	5.0	13	32	▲	▲
229-1d50e6.0	50	6.0	13	32	▲	▲
229-1d63e2.0	63	2.0	16	40	▲	▲
229-1d63e3.0	63	3.0	16	40	▲	▲
229-1d63e4.0	63	4.0	16	40	▲	▲
229-1d63e5.0	63	5.0	16	40	▲	▲
229-1d63e6.0	63	6.0	16	40	▲	▲
229-1d80e2.0	80	2.0	22	48	▲	▲
229-1d80e3.0	80	3.0	22	48	▲	▲
229-1d80e4.0	80	4.0	22	48	▲	▲
229-1d80e5.0	80	5.0	22	48	▲	▲
229-1d80e6.0	80	6.0	22	48	▲	▲

* Prices for other coatings: contact us!

To order a coated tool, add the 2-letter coating code to the article number.

Available uncoated or coated (see page 308)



Z
20-48

λ
0°

CARB