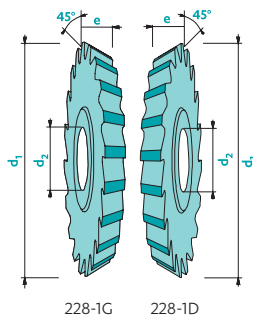
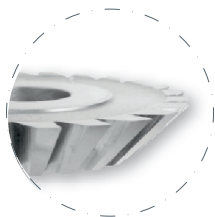


Angle cutter 45° - 2 cuts



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

Available uncoated or coated (see page 308)



Z
20-40

λ
0°

γ
8°

CARB

Right cut: 228-1D / Left cut: 228-1G

Art. n°	d ₁	e	d ₂	Z	Coating	
					Uncoat.	Trio*
228-1Dd20e1.0/228-1Gd20e1.0	20	1.0	5	20	▲	▲
228-1Dd20e1.2/228-1Gd20e1.2	20	1.2	5	20	▲	▲
228-1Dd20e1.5/228-1Gd20e1.5	20	1.5	5	20	▲	▲
228-1Dd20e2.0/228-1Gd20e2.0	20	2.0	5	20	▲	▲
228-1Dd25e1.0/228-1Gd25e1.0	25	1.0	8	20	▲	▲
228-1Dd25e1.5/228-1Gd25e1.5	25	1.5	8	20	▲	▲
228-1Dd25e2.0/228-1Gd25e2.0	25	2.0	8	20	▲	▲
228-1Dd30e1.0/228-1Gd30e1.0	30	1.0	8	30	▲	▲
228-1Dd30e2.0/228-1Gd30e2.0	30	2.0	8	24	▲	▲
228-1Dd30e2.5/228-1Gd30e2.5	30	2.5	8	24	▲	▲
228-1Dd30e3.0/228-1Gd30e3.0	30	3.0	8	24	▲	▲
228-1Dd30e4.0/228-1Gd30e4.0	30	4.0	8	24	▲	▲
228-1Dd30e5.0/228-1Gd30e5.0	30	5.0	8	24	▲	▲
228-1Dd40e2.0/228-1Gd40e2.0	40	2.0	10	32	▲	▲
228-1Dd40e3.0/228-1Gd40e3.0	40	3.0	10	32	▲	▲
228-1Dd40e4.0/228-1Gd40e4.0	40	4.0	10	32	▲	▲
228-1Dd40e6.0/228-1Gd40e6.0	40	6.0	10	32	▲	▲
228-1Dd50e3.0/228-1Gd50e3.0	50	3.0	13	32	▲	▲
228-1Dd50e4.0/228-1Gd50e4.0	50	4.0	13	32	▲	▲
228-1Dd63e4.0/228-1Gd63e4.0	63	4.0	16	40	▲	▲
228-1Dd63e5.0/228-1Gd63e5.0	63	5.0	16	40	▲	▲

* Prices for other coatings: contact us!
To order a coated tool, add the 2-letter coating code to the article number.