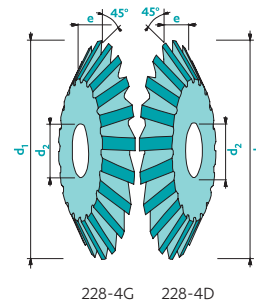


Angle cutter 45° - 1 cut

228-4

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

Right cut: 228-4D / Left cut: 228-4G

Art. n°	d ₁	e	d ₂	Z		
					Uncoat.	Trio*
228-4Dd20e2.0Z## / 228-4Gd20e2.0Z##	20	2.0	5	20-30	▲	▲
228-4Dd20e2.5Z## / 228-4Gd20e2.5Z##	20	2.5	5	20-30	▲	▲
228-4Dd20e3.0Z## / 228-4Gd20e3.0Z##	20	3.0	5	20-30	▲	▲
228-4Dd30e2.0Z## / 228-4Gd30e2.0Z##	30	2.0	8	30-40	▲	▲
228-4Dd30e2.5Z## / 228-4Gd30e2.5Z##	30	2.5	8	30-40	▲	▲
228-4Dd30e3.0Z## / 228-4Gd30e3.0Z##	30	3.0	8	30-40	▲	▲
228-4Dd30e4.0Z## / 228-4Gd30e4.0Z##	30	4.0	8	30-40	▲	▲
228-4Dd30e5.0Z## / 228-4Gd30e5.0Z##	30	5.0	8	30-40	▲	▲
228-4Dd30e6.0Z## / 228-4Gd30e6.0Z##	30	6.0	8	30-40	▲	▲
228-4Dd40e2.0Z## / 228-4Gd40e2.0Z##	40	2.0	10	40-50	▲	▲
228-4Dd40e3.0Z## / 228-4Gd40e3.0Z##	40	3.0	10	40-50	▲	▲
228-4Dd40e4.0Z## / 228-4Gd40e4.0Z##	40	4.0	10	40-50	▲	▲
228-4Dd40e5.0Z## / 228-4Gd40e5.0Z##	40	5.0	10	40-50	▲	▲
228-4Dd40e6.0Z## / 228-4Gd40e6.0Z##	40	6.0	10	30-40	▲	▲

* 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
20-50

λ
0°

CARB