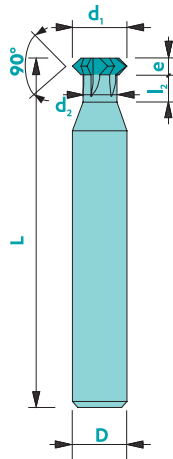
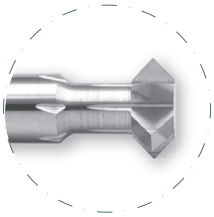


Double angle cutter 90° - T shape



Material	Vc uncoated	Vc coated	Uncoated	Coated	Rec. Coating*
Steel < 700 N/mm ²	100	130	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tisi (BQ)
Steel > 700 N/mm ²	80	100	-	<input checked="" type="checkbox"/>	Tisi (BQ)
Stainless steel	50	70	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tisi (BQ)
Cast iron	60	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tisi (BQ)
Copper	130	160	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solo (DA)
Brass - Bronze	140	190	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Solo (DA)
Aluminium	200	350	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solo (DA)
Gold - Silver	140	180	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Solo (DA)
Platinum - Palladium	-	35	-	<input type="checkbox"/>	Solo (DA)
Superalloys	-	40	-	<input checked="" type="checkbox"/>	Trio (PO)
Titanium	40	60	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RICO (ZB)

not adapted - adapted highly adapted

Tolerances $d_1 = D \triangleright -0.05/-0.10$ $d_2 \triangleright 0/-0.2$ $D: h5$
 $d_1 < D \triangleright 0/-0.02$ $e \triangleright +0.01/-0.01$
 $l_2: 0/+0.5$

Available uncoated or coated (see page 308)



Z1-12



λ
0°

γ
6-15°

CARB

Art. n°	d ₁	e*	d ₂	l ₂	D	L	Z		
								Uncoat.	Trio*
117-3d0.25e###	0.25	0.10	0.15	0.4	3	38	1	▲	▲
117-3d0.40e###	0.40	0.15	0.40	0.65	3	38	1	▲	▲
117-3d0.80e###	0.80	0.30	0.50	1.3	3	38	3	▲	▲
117-3d1.80e###	1.80	0.40	1.40	3.0	3	38	4	▲	▲
117-3d2.40e###	2.40	0.5 - 0.8	1.50	3.0	3	38	4	▲	▲
117-3d3.00e###	3.00	0.5 - 1.0	1.50	3.0	3	38	5	▲	▲
117-3d4.00e###	4.00	0.5 - 1.2	2.50	3.0	4	38	5	▲	▲
117-3d5.00e###	5.00	0.5 - 1.4	3.50	3.0	5	38	5	▲	▲
117-3d6.00e###	6.00	1.0 - 1.9	4.00	3	6	38	6	▲	▲
117-3d8.00e###	8.00	1.5 - 2.4	5.50	4	8	51	6	▲	▲
117-3d10.00e###	10.00	2.0 - 3.5	6.50	4	10	51	8	▲	▲
117-3d12.00e###	12.00	2.5 - 4.0	8.00	4	10	51	10	▲	▲
117-3d16.00e###	16.00	3.0 - 5.0	-	-	10	61	12	▲	▲

* e : available thickness: every 0.1 mm

* Prices for other coatings: contact us!

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

Order Quotation request

Dimensions : d ₁ : _____ e: _____ d ₂ : _____ l ₂ : _____ D: _____ L: _____ Z: _____		Angle : <input type="checkbox"/> 90° <input type="checkbox"/> Others: _____		Coating : <input type="checkbox"/> Uncoated <input type="checkbox"/> Coated* : _____	
Cut : <input type="checkbox"/> right cut <input type="checkbox"/> left cut	Machined material : _____	Quantity : _____	Order No : _____		
Company's stamp & date : _____			Contact person : _____		

* Without information, the most suitable coating will be applied.