

AURORA ENDMILLS

for CFRP

I.T.E.C.

CUTTING SOLUTIONS

SOLID CARBIDE DRILL

CVD DIAMOND

2 FLUTES

TORSION
ANGLE 30°



	D1	L2	L1	L	d
item no.	blade diameter	effective length	blade length	total length	shaft diameter
AURCD-3	2	23	28	66	6
AURCD-4	3	29	36	74	6
AURCD-5	5	35	44	82	6
AURCD-6	6	35	44	82	6
AURCD-8	8	43	53	91	8
AURCD-10	10	49	61	103	10
AURCD-11	11	56	71	118	12
AURCD-12	12	56	71	118	12

Ø	speed [m/min]	peripheral speed [rpm]	feed speed [mm/min]
3	100 - 150	10000 - 16000	0,030 - 0,070
4	100 - 150	8000 - 12000	0,030 - 0,070
5	100 - 150	6400 - 9500	0,030 - 0,070
6	100 - 150	5200 - 8000	0,030 - 0,070
8	100 - 150	4000 - 6000	0,030 - 0,070
10	100 - 150	3200 - 5000	0,030 - 0,070
11	100 - 150	2800 - 4500	0,030 - 0,070
12	100 - 150	2500 - 4000	0,030 - 0,070

cutting Ø (D1) tolerance [mm]

D1 ≤ 6 +0/-0,025

6 ≤ D1 ≤ 12 +0/-0,030

*Shank Ø tolerance: h6

