



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Neck Dia. d3	Corner R 圓角 R	Flute Length 刃長 l1	Effective Length 有效長 l2	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
HSERAL0402R	4.0	3.90	0.2	6	12	50	6
HSERAL0405R	4.0	3.90	0.5	6	12	50	6
HSERAL0602R	6.0	5.80	0.2	8	18	50	6
HSERAL0605R	6.0	5.80	0.5	8	18	50	6
HSERAL0610R	6.0	5.80	1.0	8	18	50	6
HSERAL0802R	8.0	7.70	0.2	10	24	60	8
HSERAL0805R	8.0	7.70	0.5	10	24	60	8
HSERAL0810R	8.0	7.70	1.0	10	24	60	8
HSERAL1003R	10.0	9.60	0.3	12	30	75	10
HSERAL1005R	10.0	9.60	0.5	12	30	75	10
HSERAL1010R	10.0	9.60	1.0	12	30	75	10
HSERAL1020R	10.0	9.60	2.0	12	30	75	10
HSERAL1210R	12.0	11.5	1.0	15	36	75	12
HSERAL1220R	12.0	11.5	2.0	15	36	75	12
HSERAL1605R	16.0	15.4	0.5	24	40	75	16
HSERAL1610R	16.0	15.4	1.0	24	40	75	16

High Speed Cutting
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.025 0	-0.01 -0.03
12.0	+0.025 0	-0.01 -0.035
16.0	+0.03 0	-0.01 -0.04

Shank(mm) (h6)	d2(mm) tolerance
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.009
Ø 12	0 -0.011
Ø 16	0 -0.011