

MAGIC CUT

QERC

► Long Shank / Corner Radius / for

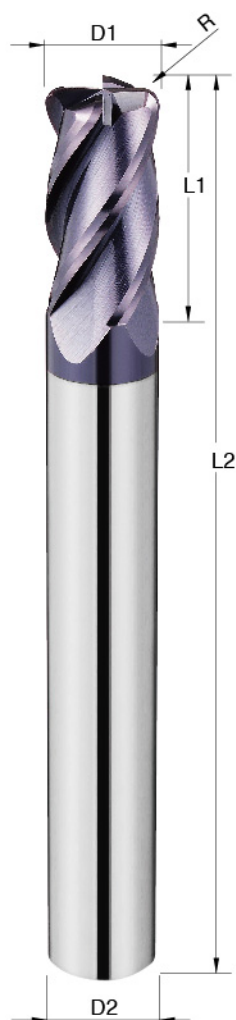
H

P

K

unit: mm

Order No.	Diameter D1	Corner R R	Flute Length L1	O.A.L. L2	Shank Dia D2
QERC 0605	6.0	0.5	12	75	6
QERC 0605A	6.0	0.5	12	100	6
QERC 0610	6.0	1.0	12	75	6
QERC 0610A	6.0	1.0	12	100	6
QERC 0805	8.0	0.5	16	100	8
QERC 0810	8.0	1.0	16	100	8
QERC 1005	10.0	0.5	20	100	10
QERC 1010	10.0	1.0	20	100	10
QERC 1020	10.0	2.0	20	100	10
QERC 1205	12.0	0.5	24	100	12
QERC 1210	12.0	1.0	24	100	12
QERC 1220	12.0	2.0	24	100	12

Q
MG

4 Flutes



35°



R



HRC

65

ALTiN

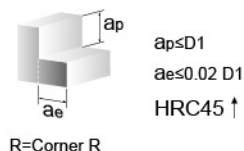
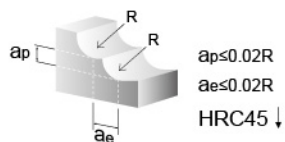
Finishing

Semi-Finishing

Profiling



▼ Depth of cut



R=Corner R

▼ Recommended cutting condition for QERC

MATERIAL	Carbon Steels . Alloy Steels S45C, FC, FCD, SCM, S50C, SKS...		Alloy Steels . Tool Steels SCr, SNCM, SKD11, SKD61, NAK80...		Hardened Steels SKD11	
HARDNESS	~HRC30		~HRC50		~HRC60	
Dia. (D1)	SPEED (min ⁻¹)	FEED mm / min	SPEED (min ⁻¹)	FEED mm / min	SPEED (min ⁻¹)	FEED mm / min
6	12000	3600	7200	2200	3500	650
8	9600	4000	5600	2200	2700	750
10	7000	3400	4400	1700	2100	650
12	6000	2800	3600	1400	1800	600