

MAGIC CUT

QRD

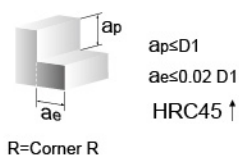
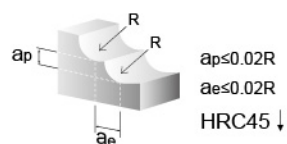
► Corner Radius / for **H** **P** **K**

unit: mm



Order No.	Diameter D1	Corner R R	Flute Length L1	O.A.L. L2	Shank Dia D2
QRD 0102	1.0	0.2	2	50	4
QRD 01502	1.5	0.2	3	50	4
QRD 01503	1.5	0.3	3	50	4
QRD 0202	2.0	0.2	4	50	4
QRD 0203	2.0	0.3	4	50	4
QRD 0205	2.0	0.5	4	50	4
QRD 0302	3.0	0.2	6	50	3
QRD 0305	3.0	0.5	6	50	3
QRD 0402	4.0	0.2	8	50	4
QRD 0405	4.0	0.5	8	50	4
QRD 0410	4.0	1.0	8	50	4
QRD 0605	6.0	0.5	12	50	6
QRD 0610	6.0	1.0	12	50	6
QRD 0805	8.0	0.5	16	60	8
QRD 0810	8.0	1.0	16	60	8
QRD 1005	10.0	0.5	20	75	10
QRD 1010	10.0	1.0	20	75	10
QRD 1020	10.0	2.0	20	75	10
QRD 1030	10.0	3.0	20	75	10
QRD 1205	12.0	0.5	24	75	12
QRD 1210	12.0	1.0	24	75	12
QRD 1220	12.0	2.0	24	75	12
QRD 1230	12.0	3.0	24	75	12

▼ Depth of cut



R=Corner R

▼ Recommended cutting condition for QRD

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
2	26000	1600	16500	1000	7500	300
3	19000	1800	12000	1200	5400	360
4	16000	3200	10000	1900	4800	480
5	14000	3300	8000	2000	3800	500
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

QRD