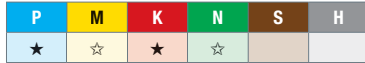
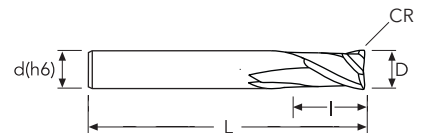


# G2CS2R

cylindrical shank, 2 flutes, corner radius



★ 1st choice ☆ suitable



D	D Tol.	CR	CR Tol.	d(h6)	l	l1	L	z	EDP No.	Stock
1	0/-0.020	0.20	+/-0.010	4	2		50	2	G2CS2R02010	●
1.5	0/-0.020	0.20	+/-0.010	4	3		50	2	G2CS2R02015	●
1.5	0/-0.020	0.50	+/-0.010	4	3		50	2	G2CS2R05015	●
2	0/-0.020	0.20	+/-0.010	4	4		50	2	G2CS2R02020	●
2	0/-0.020	0.50	+/-0.010	4	4		50	2	G2CS2R05020	●
2.5	0/-0.020	0.20	+/-0.010	4	5		50	2	G2CS2R02025	●
2.5	0/-0.020	0.50	+/-0.010	4	5		50	2	G2CS2R05025	●
3	0/-0.020	0.20	+/-0.010	4	6		50	2	G2CS2R02030	●
3	0/-0.020	0.50	+/-0.010	4	6		50	2	G2CS2R05030	●
3	0/-0.020	1.00	+/-0.010	4	6		50	2	G2CS2R10030	●
4	0/-0.020	0.20	+/-0.010	4	8		50	2	G2CS2R02040	●
4	0/-0.020	0.50	+/-0.010	4	8		50	2	G2CS2R05040	●
4	0/-0.020	1.00	+/-0.010	4	8		50	2	G2CS2R10040	●
5	0/-0.020	0.50	+/-0.010	6	10		50	2	G2CS2R05050	●
5	0/-0.020	1.00	+/-0.010	6	10		50	2	G2CS2R10050	●
6	0/-0.020	0.20	+/-0.010	6	12		50	2	G2CS2R02060	●
6	0/-0.020	0.50	+/-0.010	6	12		50	2	G2CS2R05060	●
6	0/-0.020	1.00	+/-0.010	6	12		50	2	G2CS2R10060	●
6	0/-0.020	1.50	+/-0.010	6	12		50	2	G2CS2R15060	●
6	0/-0.020	2.00	+/-0.010	6	12		50	2	G2CS2R20060	●
8	0/-0.025	0.50	+/-0.010	8	16		60	2	G2CS2R05080	●
8	0/-0.025	1.00	+/-0.010	8	16		60	2	G2CS2R10080	●
8	0/-0.025	1.50	+/-0.010	8	16		60	2	G2CS2R15080	●
8	0/-0.025	2.00	+/-0.010	8	16		60	2	G2CS2R20080	●
10	0/-0.025	0.50	+/-0.010	10	20		75	2	G2CS2R05100	●
10	0/-0.025	1.00	+/-0.010	10	20		75	2	G2CS2R10100	●
10	0/-0.025	1.50	+/-0.010	10	20		75	2	G2CS2R15100	●
10	0/-0.025	2.00	+/-0.010	10	20		75	2	G2CS2R20100	●
12	0/-0.025	0.50	+/-0.010	12	24		75	2	G2CS2R05120	●
12	0/-0.025	1.00	+/-0.010	12	24		75	2	G2CS2R10120	●
12	0/-0.025	1.50	+/-0.010	12	24		75	2	G2CS2R15120	●
12	0/-0.025	2.00	+/-0.010	12	24		75	2	G2CS2R20120	●

INFO
TYPHOON TA-HTA-4HTA
TYPHOON PU-HPU
TYPHOON SUH
TYPHOON ALH
TYPHOON HRC
TYPHOON SUH MINI
TYPHOON HL
C-SD-TA
LFTA
SUTA
HSS-HSS/CO DRILLS
G2
MDTA
HF VH/UP
MEF
ALU
MEX
UH
HSS/CO-HSSP END MILLS
CARBIDE BURRS

● stock standard ○ non-standard stock ▽ stock exhaustion

### G2CS2R

	Material Group ISO 513	P1 P2 K1			P3 P4 M1 M2 K2			P5 M3 K3			N1 N2 N3 N4		
	Hardness/Rm	< 700 N/mm <sup>2</sup>			700-1000 N/mm <sup>2</sup>			< 40 HRC					
	ap x ae	0.5D x D			0.5D x D			0.5D x D			0.5D x D		
	Vc (m/min)	80-100			50-70			30-50			100-120		
	D (mm)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)
	1	28660	0.004	230	19110	0.003	130	12740	0.003	80	35030	0.005	360
	2	14330	0.008	230	9550	0.007	130	6370	0.006	80	17520	0.010	360
	3	9550	0.012	230	6370	0.010	130	4250	0.009	80	11680	0.016	360
	4	7170	0.016	230	4780	0.014	130	3180	0.012	80	8760	0.021	360
	5	5730	0.020	230	3820	0.017	130	2550	0.015	80	7010	0.026	360
6	4780	0.025	240	3180	0.021	140	2120	0.019	80	5840	0.033	380	
8	3580	0.032	230	2390	0.027	130	1590	0.024	80	4380	0.042	360	
10	2870	0.038	220	1910	0.032	120	1270	0.029	70	3500	0.049	350	
12	2390	0.045	220	1590	0.038	120	1060	0.034	70	2920	0.059	340	

< D3 mm: ap = 0.2D

	Material Group ISO 513	P1 P2 K1			P3 P4 M1 M2 K2			P5 M3 K3			N1 N2 N3 N4		
	Hardness/Rm	< 700 N/mm <sup>2</sup>			700-1000 N/mm <sup>2</sup>			< 40 HRC					
	ap x ae	1.5D x 0.5D			1.5D x 0.5D			1.5D x 0.5D			1.5D x 0.5D		
	Vc (m/min)	80-100			50-70			30-50			100-120		
	D (mm)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)
	1	28660	0.005	280	19110	0.004	160	12740	0.004	90	35030	0.006	440
	2	14330	0.010	280	9550	0.008	160	6370	0.007	90	17520	0.012	440
	3	9550	0.014	280	6370	0.012	160	4250	0.011	90	11680	0.019	440
	4	7170	0.019	280	4780	0.016	160	3180	0.014	90	8760	0.025	440
	5	5730	0.024	280	3820	0.020	160	2550	0.018	90	7010	0.031	440
6	4780	0.030	290	3180	0.026	160	2120	0.023	100	5840	0.039	460	
8	3580	0.038	270	2390	0.033	160	1590	0.029	90	4380	0.050	440	
10	2870	0.046	260	1910	0.039	150	1270	0.034	90	3500	0.059	410	
12	2390	0.054	260	1590	0.046	150	1060	0.041	90	2920	0.070	410	

< D3 mm: ae = 0.2D

	Material Group ISO 513	P1 P2 K1			P3 P4 M1 M2 K2			P5 M3 K3			N1 N2 N3 N4		
	Hardness/Rm	< 700 N/mm <sup>2</sup>			700-1000 N/mm <sup>2</sup>			< 40 HRC					
	ap x ae	D x D			D x D			0.5D x D			D x D		
	Vc (m/min)	70-90			40-60			25-35			80-100		
	D (mm)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)	n (rpm)	fz (mm/z)	Vf (mm/min)
	1	25480	0.002	120	15920	0.002	60	9550	0.002	30	28660	0.003	180
	2	12740	0.005	120	7960	0.004	60	4780	0.004	30	14330	0.006	180
	3	8490	0.007	120	5310	0.006	60	3180	0.005	30	9550	0.009	180
	4	6370	0.010	120	3980	0.008	60	2390	0.007	30	7170	0.012	180
	5	5100	0.012	120	3180	0.010	60	1910	0.009	30	5730	0.016	180
6	4250	0.015	130	2650	0.013	70	1590	0.011	40	4780	0.020	190	
8	3180	0.019	120	1990	0.016	60	1190	0.014	30	3580	0.025	180	
10	2550	0.023	120	1590	0.019	60	960	0.017	30	2870	0.030	170	
12	2120	0.027	110	1330	0.023	60	800	0.020	30	2390	0.035	170	

< D3 mm: ap = 0.5D