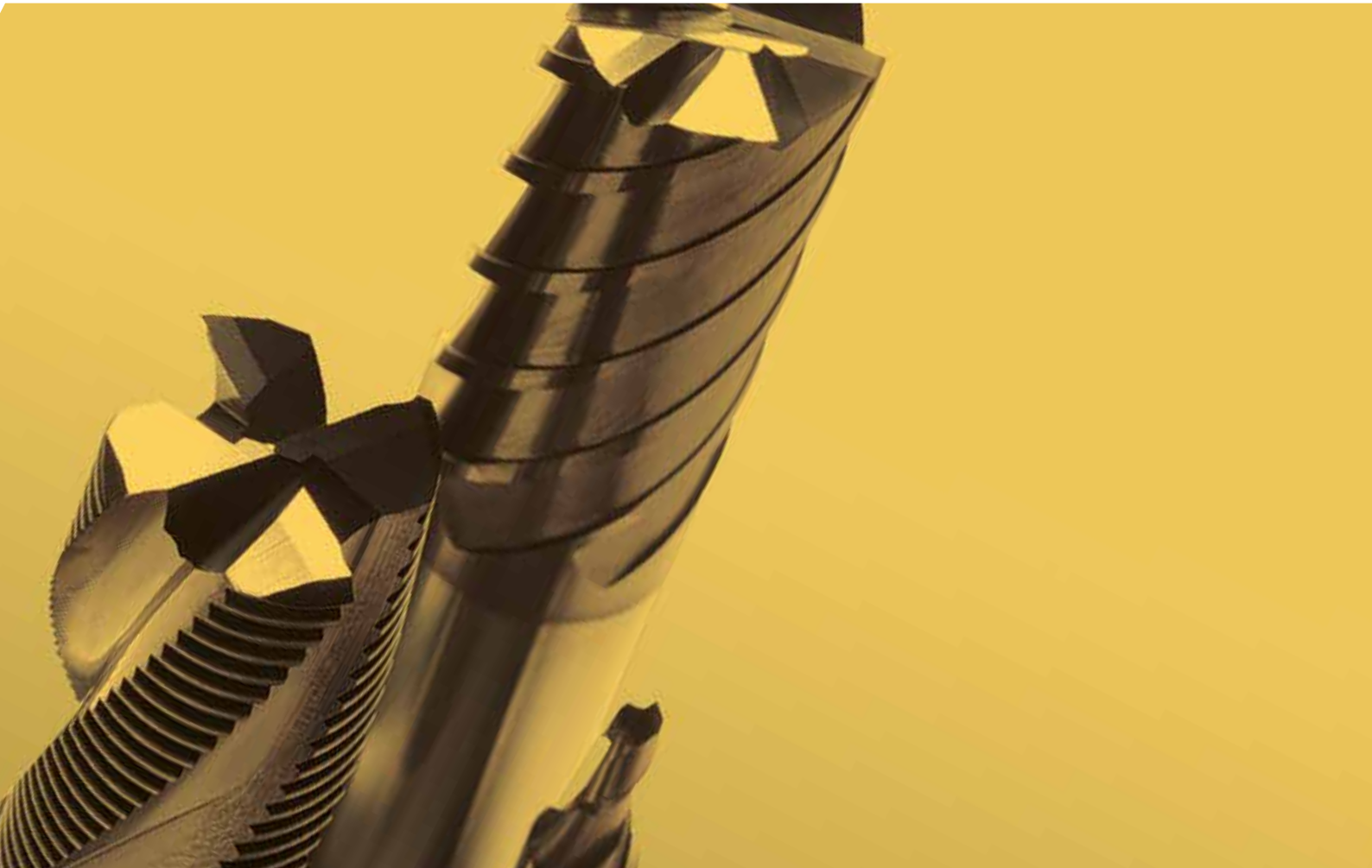




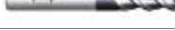
OSAWA

D R I L L S & E N D M I L L S



G2 Selection

05 2022

	ITEM No.	PAGE	
G2 general purpose, square	GB205	4	
	G2CS2	4	
	G2WS2	5	
	G2210	6	
	G2211	6	
	G2212	6	
	GB305	4	
	G2CSH3	4	
	G2WSH3	5	
	G2310	6	
	G2311	6	
	G2312	6	
	GB405	4	
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	G2WS4	5	
	G2410	6	
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G2 general purpose, ball nose	GB255	9	
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	G2250	9	
	G2251	9	

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G2CSH3 - catalogue page 309



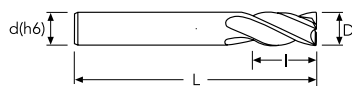
GB405 - catalogue page 315



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OSAWA NORM	N	MG BR	<45 HRC			
OSAWA NORM	N	MG PV200	<45 HRC			
OSAWA NORM	N	MG BR	<45 HRC			
OSAWA NORM	N	MG PV200	<45 HRC			
OSAWA NORM	N	MG BR	<45 HRC			
OSAWA NORM	N	MG PV200	<45 HRC			



				GB205	G2CS2	GB305	G2CSH3	GB405	G2CS4
P				★	★	★	★	★	★
M				☆	☆	☆	☆	☆	☆
K				★	★	★	★	★	★
N				☆	☆	☆	☆	☆	☆
S									
H									
D(e8)	d(h6)	I	L	€	€	€	€	€	€
1	4	3	50	7,53	8,14	7,53	8,14	7,53	8,14
1.5	4	4.5	50	7,53	8,14	7,53	8,14	7,53	8,14
2	4	6	50	7,53	8,14	7,53	8,14	7,53	8,14
2.5	4	7	50		8,57		8,57		8,57
3	4	8	50	7,53	8,14	7,53	8,14	7,53	8,14
3.5	4	10	50		8,57		8,57		8,57
4	4	11	50	7,53	8,14	7,53	8,14	7,53	8,14
4.5	6	13	50		10,89		10,89		10,89
5	6	13	50	9,65	10,09	9,65	10,09	9,65	10,09
5.5	6	13	50		10,89		10,89		10,89
6	6	15	50	9,65	10,09	9,65	10,09	9,65	10,09
6.5	8	17	60		18,90		18,90		18,90
7	8	17	60		18,90		18,90		18,90
7.5	8	17	60		18,90		18,90		18,90
8	8	20	60	16,76	16,91	16,76	16,91	16,76	16,91
8.5	10	23	75		28,32		28,32		28,32
9	10	23	75		28,32		28,32		28,32
9.5	10	25	75						28,32
10	10	30	75	24,60	24,17	24,60	24,17	24,60	24,17
10.5	12	25	75		39,12				39,12
11	12	30	75		39,12		39,12		39,12
11.5	12	28	75						39,15
12	12	30	75	34,14	33,30	34,14	33,30	34,14	33,30
12.5	14	26	83						63,06
13	14	26	83		88,96				63,06
13.5	14	26	83						63,06
14	14	26	83		54,20		54,20		54,20
14.5	16	32	92						74,66
15	16	32	92		89,91				76,39
15.5	16	32	92						76,39
16	16	32	92		61,75		61,75		61,75
17	20	40	100		131,84				131,84
18	20	40	100		120,07		120,07		120,07
19	20	40	100						131,84
20	20	40	100		111,88		111,88		111,88
22	25	40	100						211,63
25	25	40	100						211,63



G2WS2 - catalogue page 302

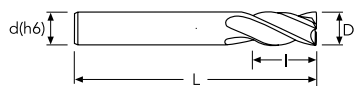
OSAWA NORM	N	MG PV200	<45 HRC	 30°	 SQUARE	 Z2
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G2WSH3 - catalogue page 311

OSAWA NORM	N	MG PV200	<45 HRC	 45°	 SQUARE	 Z3
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G2WS4 - catalogue page 319

OSAWA NORM	N	MG PV200	<45 HRC	 30°	 SQUARE	 Z4
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					G2WS2	G2WSH3	G2WS4
P					★	★	★
M					☆	☆	☆
K					★	★	★
N					☆	☆	☆
S							
H							
D(e8)	d(h6)	I	L		€	€	€
3	6	8	57		10,96	10,96	10,96
4	6	11	57		10,96	10,96	10,96
5	6	13	57		10,96	10,96	10,96
6	6	13	57		10,96	10,96	10,96
8	8	19	63		19,54	19,54	19,54
10	10	22	72		25,98	25,98	25,98
12	12	26	83		39,08	39,08	39,08
14	14	26	83		56,08	56,08	56,08
16	16	32	92		67,90	67,90	67,90
20	20	38	104		122,08	122,08	122,08



G2210 / G2211 / G2212 - catalogue page 304



OSAWA NORM	N	MG PV200	<45 HRC			
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G2310 / G2311 / G2312 - catalogue page 313



OSAWA NORM	N	MG PV200	<45 HRC			
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G2410 / G2411 / G2412 / G2413 - catalogue page 321



OSAWA NORM	N	MG PV200	<45 HRC			
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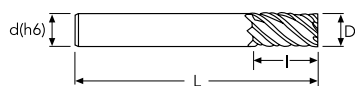
					G2210	G2310	G2410
P					★	★	★
M					☆	☆	☆
K					★	★	★
N					☆	☆	☆
S							
H							
D(e8)	d(h6)	I	L		€	€	€
2	4	9	75		15,34	15,34	15,34
2.5	4	10	75				15,45
3	4	15	75		15,34	15,34	15,34
3.5	4	15	75				15,45
4	4	20	75		15,34	15,34	15,34
4.5	6	20	75				18,05
5	6	25	75		17,92	17,92	17,92
6	6	25	75		17,92	17,92	17,92
					G2211	G2311	G2411
3	6	15	100				20,85
4	6	25	100			20,85	20,85
5	6	30	100		21,08	21,08	21,08
6	6	30	100		21,08	21,08	21,08
7	8	35	100			37,50	37,50
8	8	35	100		36,46	36,46	36,46
9	10	40	100			48,15	48,59
10	10	40	100		46,83	46,83	46,83
11	12	45	100			63,82	63,82
12	12	45	100		61,50	61,50	61,50
					G2212	G2312	G2412
8	8	40	150		53,07	53,07	53,07
10	10	50	150		67,85	67,85	67,85
12	12	50	150		89,45	89,45	89,45
16	16	70	150		173,76	173,76	173,76
18	20	80	150				244,55
20	20	80	150			244,54	244,54
							G2413
16	16	40	200				198,14
20	20	40	200				276,89



G2CSHM - catalogue page 323

OSAWA
NORM

N

MG
PV200<45
HRC

G2CSHM

P				★
M				☆
K				★
N				☆
S				
H				
D	d(h6)	I	L	€
6	6	15	50	16,03
8	8	20	60	22,08
10	10	30	75	30,91
12	12	30	75	42,20
14	14	30	83	81,10
16	16	35	92	91,64
20	20	40	100	131,26

G2 - General purpose - 45° chamfer

G2CSFR - catalogue page 325

OSAWA
NORM

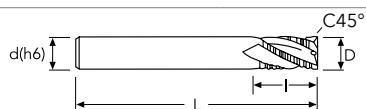
N

MG
PV200<45
HRC

G2WSFR - catalogue page 327

OSAWA
NORM

N

MG
PV200<45
HRC

G2CSFR

G2WSFR

P					★					★
M					☆					☆
K					★					★
N					☆					☆
S										
H										
D	C45°	d(h6)	I	L	z	€	I	L	z	€
4	0.28	6	11	50	3	20,41				
5	0.35	6	13	50	3	20,41				
6	0.42	6	15	50	3	20,04	13	57	3	22,70
7	0.49	8	20	60	3	24,96				
8	0.56	8	20	60	3	22,07	19	63	3	25,00
9	0.63	10	25	75	3	40,05				
10	0.70	10	30	75	4	35,48	22	72	4	36,93
11	0.77	12	30	75	4	50,02				
12	0.84	12	30	75	4	48,20	26	83	4	52,53
13	0.91	14	30	83	4	69,97				
14	0.98	14	30	83	4	66,22	26	83	4	65,42
15	1.05	16	30	92	4	81,45				
16	1.12	16	35	92	4	75,53	32	92	4	78,94
20	1.40	20	40	100	4	113,86	38	104	4	129,13



G2CS2R - catalogue page 329



OSAWA NORM	N	MG PV200	<45 HRC			
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G2CS4R - catalogue page 331

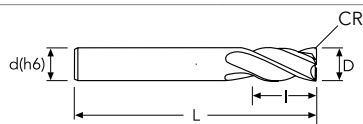


OSAWA NORM	N	MG PV200	<45 HRC			
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G2CL4R - catalogue page 333



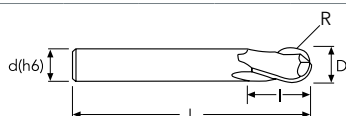
OSAWA NORM	N	MG PV200	<45 HRC			
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						G2CS2R	G2CS4R			G2CL4R
P						★	★			★
M						☆	☆			☆
K						★	★			★
N						☆	☆			☆
S										
H										
D	CR	d(h6)		I	L	€	€	I	L	€
1	0.20	4		2	50	12,08	12,08			
1.5	0.20	4		3	50	12,08	12,08			
1.5	0.50	4		3	50	12,08	12,08			
2	0.20	4		4	50	12,08	12,08	4	75	15,88
2	0.50	4		4	50	12,08	12,08	4	75	15,88
2.5	0.20	4		5	50	12,08	12,08			
2.5	0.50	4		5	50	12,08	12,08			
3	0.20	4		6	50	12,08	12,08	6	75	15,88
3	0.50	4		6	50	12,08	12,08	6	75	15,88
3	1.00	4		6	50	12,08	12,08	6	75	15,88
4	0.20	4		8	50	12,08	12,08	8	75	15,88
4	0.50	4		8	50	12,08	12,08	8	75	15,88
4	1.00	4		8	50	12,08	12,08	8	75	15,88
5	0.50	6		10	50	14,93	14,93	10	75	18,42
5	1.00	6		10	50	14,93	14,93	10	75	18,42
6	0.20	6		12	50	14,93	14,93			
6	0.50	6		12	50	14,93	14,93	12	75	18,42
6	1.00	6		12	50	14,93	14,93	12	75	18,42
6	1.50	6		12	50	14,93	14,93			
6	2.00	6		12	50	14,93	14,93			
8	0.50	8		16	60	25,59	25,59	16	100	36,33
8	1.00	8		16	60	25,59	25,59	16	100	36,33
8	1.50	8		16	60	25,59	25,59			
8	2.00	8		16	60	25,59	25,59	16	100	36,33
10	0.50	10		20	75	37,91	37,91	20	100	49,65
10	1.00	10		20	75	37,91	37,91	20	100	49,65
10	1.50	10		20	75	37,91	37,91			
10	2.00	10		20	75	37,91	37,91	20	100	49,65
10	2.50	10		20	75		37,91			
10	3.00	10		20	75		37,91			
12	0.50	12		24	75	49,13	49,13	24	100	62,83
12	1.00	12		24	75	49,13	49,13	24	100	62,83
12	1.50	12		24	75	49,13	49,13			
12	2.00	12		24	75	49,13	49,13	24	100	61,62
12	2.50	12		24	75		49,13			
12	3.00	12		24	75		49,13			



OSAWA NORM	N	MG BR	<45 HRC	 30°	 BALL NOSE	 Z2 BALL
OSAWA NORM	N	MG PV200	<45 HRC	 30°	 BALL NOSE	 Z2 BALL
OSAWA NORM	N	MG PV200	<45 HRC	 30°	 BALL NOSE	 Z4 BALL
OSAWA NORM	N	MG PV200	<45 HRC	 30°	 BALL NOSE	 Z2 BALL
OSAWA NORM	N	MG PV200	<45 HRC	 30°	 BALL NOSE	 Z2 BALL



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