

90°

YAMAWA
NORM

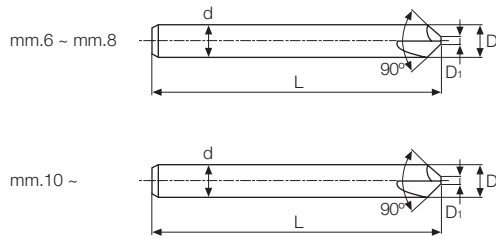
CS-Q

CS-Q



MATERIAL GROUPS / GRUPPI MATERIALE
WERKSTOFFEGRUPPE / GROUPES MATIÈRE

1-5 6 9-12
13 14 15-20



HSS

BR

D	d	D1	L	l	Stock
6	6	1	50	-	○
8	8	1.3	50	-	○
10	8	1.6	46	40.5	○
15	10	3.2	56	48.5	○
20	10	4	60	50	○
25	10	7	65	54	○
30	12	9	70	57.5	○
35	12	11	75	60	○
40	12	12.5	80	63	○
45	12	14	85	66.5	○
50	12	16	90	70	○
60	16	20	100	76	○

● stock standard ○ non-standard stock △ on request EX stock exhaustion



mm 6 ~ 60

1



60° - 90°

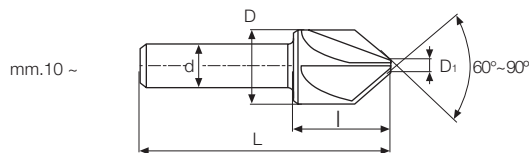
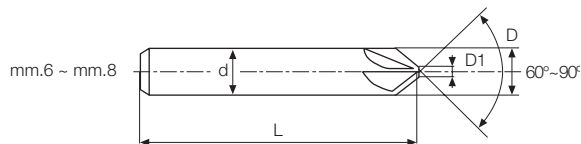
YAMAWA
NORM



MATERIAL GROUPS / GRUPPI MATERIALE
WERKSTOFFEGRUPPE / GROUPES MATIÈRE

1-5 6 9-12
13 14 15-20

1-5 6 9-12
13 14 15-20



HSS
BR



HSS
BR

D	d	D1	L-90°	I-90°	L-60°	I-60°	Stock	Stock
6	6	1.2	42	-	46	-	○	
8	8	1.6	44	-	48	-	○	○
10	8	2	46	32	50	32	○	
12	8	2.5	48	32	52	32	○	
16	10	3.2	56	36	60	36	○	○
20	10	4	60	36	64	36	○	○
25	10	7	65	36	69	36	○	○
30	12	9	68	36	76	36	○	
35	12	11	70	36	79	36	○	
40	12	12.5	71	36	81	36	○	

● stock standard ○ non-standard stock △ on request EX stock exhaustion



mm 6 ~ 10
12 ~ 20
25 ~ 40

3
5
7

3
5
7