



- S802HA**
- 钻铣刀
  - Fresa de topo para canales
- S802HB**
- Fresas Frontales
  - Slot Drill

S802HA; S802HB	▪	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	3.1	3.2	3.3	3.4	6.2	6.3	6.4	7.2	7.3	7.4
	•	2.3	2.4	4.1	4.2	5.1	5.2	6.1	7.1	8.1	8.2								



d <sub>1</sub> ∅ mm	d <sub>2</sub> ∅h <sub>6</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	z	S802HA	S802HB
1.00	3	3	38	2	S802HA1.0	
1.50	3	3	38	2	S802HA1.5	
1.80	6	3	50	2	S802HA1.8	S802HB1.8
2.00	6	3	50	2	S802HA2.0	S802HB2.0
2.50	6	3	50	2	S802HA2.5	S802HB2.5
2.80	6	4	50	2	S802HA2.8	S802HB2.8
3.00	6	4	50	2	S802HA3.0	S802HB3.0
3.50	6	4	50	2	S802HA3.5	S802HB3.5
3.80	6	5	54	2	S802HA3.8	S802HB3.8
4.00	6	5	54	2	S802HA4.0	S802HB4.0
4.50	6	5	54	2	S802HA4.5	S802HB4.5
4.80	6	6	54	2	S802HA4.8	S802HB4.8
5.00	6	6	54	2	S802HA5.0	S802HB5.0
5.75	6	7	54	2	S802HA5.75	S802HB5.75
6.00	6	7	54	2	S802HA6.0	S802HB6.0
6.75	8	8	58	2	S802HA6.75	S802HB6.75
7.00	8	8	58	2	S802HA7.0	S802HB7.0
7.75	8	9	58	2	S802HA7.75	S802HB7.75
8.00	8	9	58	2	S802HA8.0	S802HB8.0
9.00	10	10	66	2	S802HA9.0	S802HB9.0
9.70	10	11	66	2	S802HA9.7	S802HB9.7
10.00	10	11	66	2	S802HA10.0	S802HB10.0
11.70	12	12	73	2	S802HA11.7	S802HB11.7
12.00	12	12	73	2	S802HA12.0	S802HB12.0
13.70	14	14	75	2	S802HA13.7	S802HB13.7
14.00	14	14	75	2	S802HA14.0	S802HB14.0
15.70	16	16	82	2	S802HA15.7	S802HB15.7
16.00	16	16	82	2	S802HA16.0	S802HB16.0
17.70	18	18	84	2	S802HA17.7	S802HB17.7
18.00	18	18	84	2	S802HA18.0	S802HB18.0
19.70	20	20	92	2	S802HA19.7	S802HB19.7
20.00	20	20	92	2	S802HA20.0	S802HB20.0



- S812HA** • 钻铣刀  
 • Fresa de topo para canales
- S812HB** • Fresas Frontales  
 • Slot Drill

S812HA; S812HB

1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2
6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2							



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	z	S812HA	S812HB
2.00	6	6	57	2	S812HA2.0	S812HB2.0
2.50	6	7	57	2	S812HA2.5	S812HB2.5
3.00	6	7	57	2	S812HA3.0	S812HB3.0
3.50	6	7	57	2	S812HA3.5	S812HB3.5
4.00	6	8	57	2	S812HA4.0	S812HB4.0
4.50	6	8	57	2	S812HA4.5	S812HB4.5
5.00	6	10	57	2	S812HA5.0	S812HB5.0
6.00	6	10	57	2	S812HA6.0	S812HB6.0
7.00	8	13	63	2	S812HA7.0	S812HB7.0
8.00	8	16	63	2	S812HA8.0	S812HB8.0
9.00	10	16	72	2	S812HA9.0	S812HB9.0
10.00	10	19	72	2	S812HA10.0	S812HB10.0
12.00	12	22	83	2	S812HA12.0	S812HB12.0
14.00	14	22	83	2	S812HA14.0	S812HB14.0
16.00	16	26	92	2	S812HA16.0	S812HB16.0
18.00	18	26	92	2	S812HA18.0	S812HB18.0
20.00	20	32	104	2	S812HA20.0	S812HB20.0



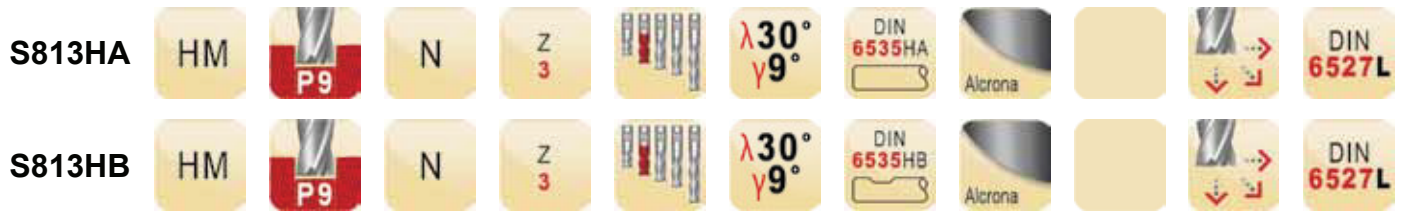
- S803HA**
- 钻铣刀
  - Fresa de topo para canales
- S803HB**
- Fresas Frontales
  - Slot Drill

S803HA; S803HB

▪	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	3.1	3.2	3.3	3.4	6.2	6.3	6.4	7.2	7.3	7.4
•	2.3	2.4	4.1	4.2	5.1	5.2	6.1	7.1	8.1	8.2								



d <sub>1</sub> Ø mm	d <sub>2</sub> Øh <sub>6</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	z	S803HA	S803HB
1.00	3	3	38	3	S803HA1.0	
1.50	3	3	38	3	S803HA1.5	
1.80	6	3	50	3	S803HA1.8	S803HB1.8
2.00	6	3	50	3	S803HA2.0	S803HB2.0
2.50	6	3	50	3	S803HA2.5	S803HB2.5
2.80	6	4	50	3	S803HA2.8	S803HB2.8
3.00	6	4	50	3	S803HA3.0	S803HB3.0
3.50	6	4	50	3	S803HA3.5	S803HB3.5
3.80	6	5	54	3	S803HA3.8	S803HB3.8
4.00	6	5	54	3	S803HA4.0	S803HB4.0
4.50	6	5	54	3	S803HA4.5	S803HB4.5
4.80	6	6	54	3	S803HA4.8	S803HB4.8
5.00	6	6	54	3	S803HA5.0	S803HB5.0
5.75	6	7	54	3	S803HA5.75	S803HB5.75
6.00	6	7	54	3	S803HA6.0	S803HB6.0
6.75	8	8	58	3	S803HA6.75	S803HB6.75
7.00	8	8	58	3	S803HA7.0	S803HB7.0
7.75	8	9	58	3	S803HA7.75	S803HB7.75
8.00	8	9	58	3	S803HA8.0	S803HB8.0
9.00	10	10	66	3	S803HA9.0	S803HB9.0
9.70	10	11	66	3	S803HA9.7	S803HB9.7
10.00	10	11	66	3	S803HA10.0	S803HB10.0
11.70	12	12	73	3	S803HA11.7	S803HB11.7
12.00	12	12	73	3	S803HA12.0	S803HB12.0
13.70	14	14	75	3	S803HA13.7	S803HB13.7
14.00	14	14	75	3	S803HA14.0	S803HB14.0
15.70	16	16	82	3	S803HA15.7	S803HB15.7
16.00	16	16	82	3	S803HA16.0	S803HB16.0
17.70	18	18	84	3	S803HA17.7	S803HB17.7
18.00	18	18	84	3	S803HA18.0	S803HB18.0
19.70	20	20	92	3	S803HA19.7	S803HB19.7
20.00	20	20	92	3	S803HA20.0	S803HB20.0



- S813HA** • 钻铣刀  
• Fresa de topo para canales
- S813HB** • Fresas Frontales  
• Slot Drill

S813HA; S813HB	▪	1.1	1.2	1.3	1.4	1.5	2.1	3.1	3.2	3.3	3.4	6.2	6.3	6.4	7.2	7.3	7.4
	•	1.6	2.2	2.3	4.1	4.2	5.1	5.2	6.1	7.1	8.1	8.2					



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	S813HA	S813HB
2.00	6	6	57	3	S813HA2.0	S813HB2.0
2.50	6	7	57	3	S813HA2.5	S813HB2.5
3.00	6	7	57	3	S813HA3.0	S813HB3.0
3.50	6	7	57	3	S813HA3.5	S813HB3.5
4.00	6	8	57	3	S813HA4.0	S813HB4.0
4.50	6	8	57	3	S813HA4.5	S813HB4.5
5.00	6	10	57	3	S813HA5.0	S813HB5.0
6.00	6	10	57	3	S813HA6.0	S813HB6.0
7.00	8	13	63	3	S813HA7.0	S813HB7.0
8.00	8	16	63	3	S813HA8.0	S813HB8.0
9.00	10	16	72	3	S813HA9.0	S813HB9.0
10.00	10	19	72	3	S813HA10.0	S813HB10.0
12.00	12	22	83	3	S813HA12.0	S813HB12.0
14.00	14	22	83	3	S813HA14.0	S813HB14.0
16.00	16	26	92	3	S813HA16.0	S813HB16.0
18.00	18	26	92	3	S813HA18.0	S813HB18.0
20.00	20	32	104	3	S813HA20.0	S813HB20.0

S710



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S710

S710 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2

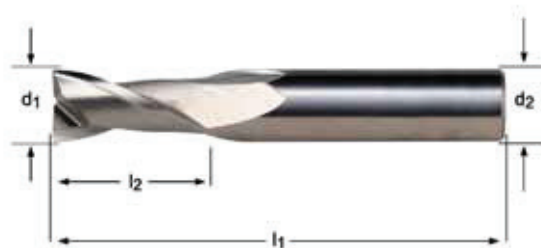


$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	S710
1.00	3	3	40	2	S7101.0
1.50	3	4.5	40	2	S7101.5
2.00	3	6.5	40	2	S7102.0
2.50	3	6.5	40	2	S7102.5
3.00	6	9	50	2	S7103.0
4.00	6	12	50	2	S7104.0
5.00	6	15	50	2	S7105.0
6.00	6	20	60	2	S7106.0
8.00	8	20	64	2	S7108.0
10.00	10	22	75	2	S71010.0
12.00	12	25	75	2	S71012.0
14.00	14	32	90	2	S71014.0
16.00	16	32	90	2	S71016.0
20.00	20	38	100	2	S71020.0



- S902**
- 立铣刀
  - Fresa de Topo
- S922**
- Fresas de acabado
  - End Mill

<b>S902</b>	▪	1.1	1.2	1.3	1.4	3.1	3.3	4.1	5.1	6.1	6.2	6.3			
	•	1.5	3.2	3.4	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3		
<b>S922</b>	▪	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3
	•	1.6	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3				



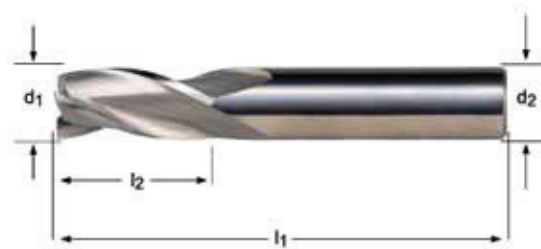
$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	z	S902	S922
2.00	3	6	38	2	S9022.0	S9222.0 <sup>1)</sup>
2.50	3	9	38	2	S9022.5	S9222.5 <sup>1)</sup>
3.00	3	12	38	2	S9023.0	S9223.0 <sup>1)</sup>
4.00	4	14	50	2	S9024.0	S9224.0 <sup>1)</sup>
5.00	5	16	50	2	S9025.0	S9225.0 <sup>1)</sup>
6.00	6	19	57	2	S9026.0	S9226.0
7.00	8	19	63	2	S9027.0	S9227.0
8.00	8	19	63	2	S9028.0	S9228.0
9.00	10	21	72	2	S9029.0	S9229.0
10.00	10	22	72	2	S90210.0	S92210.0
12.00	12	25	73	2	S90212.0	S92212.0
14.00	14	30	83	2	S90214.0	S92214.0
16.00	16	32	92	2	S90216.0	S92216.0
18.00	18	32	92	2	S90218.0	S92218.0
20.00	20	38	104	2	S90220.0	S92220.0

<sup>1)</sup> 圆柱柄 / Haste cilíndrica / Mango cilíndrico / Cylindrical shank



- S903**
- 立铣刀
  - Fresa de Topo
- S933**
- Fresas de acabado
  - End Mill

S903	▪	1.1	1.2	1.3	1.4	3.1	3.3	4.1	5.1	6.1	6.2	6.3			
	•	1.5	3.2	3.4	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3		
S933	▪	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3
	•	1.6	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3				



d <sub>1</sub> Ø mm	d <sub>2</sub> Øh <sub>6</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	z	S903	S933
2.00	3	6	38	3	S9032.0	S9332.0 <sup>1)</sup>
2.50	3	9	38	3	S9032.5	S9332.5 <sup>1)</sup>
3.00	3	12	38	3	S9033.0	S9333.0 <sup>1)</sup>
4.00	4	14	50	3	S9034.0	S9334.0 <sup>1)</sup>
5.00	5	16	50	3	S9035.0	S9335.0 <sup>1)</sup>
6.00	6	19	57	3	S9036.0	S9336.0
7.00	8	19	63	3	S9037.0	S9337.0
8.00	8	19	63	3	S9038.0	S9338.0
9.00	10	21	72	3	S9039.0	S9339.0
10.00	10	22	72	3	S90310.0	S93310.0
12.00	12	25	73	3	S90312.0	S93312.0
14.00	14	30	83	3	S90314.0	S93314.0
16.00	16	32	92	3	S90316.0	S93316.0
18.00	18	32	92	3	S90318.0	S93318.0
20.00	20	38	104	3	S90320.0	S93320.0

<sup>1)</sup> 圆柱柄 / Haste cilíndrica / Mango cilíndrico / Cylindrical shank

S714



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

**S714**

S714	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2	6.1	6.2	6.3	6.4	7.1	7.2	7.3	
	7.4																				



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	S714
3.00	3	19	60	3	S7143.0
4.00	4	19	60	3	S7144.0
5.00	5	19	60	3	S7145.0
6.00	6	31	75	3	S7146.0
8.00	8	31	75	3	S7148.0
10.00	10	31	75	3	S71410.0
12.00	12	50	100	3	S71412.0
14.00	14	57	125	3	S71414.0
16.00	16	57	125	3	S71416.0
18.00	18	57	125	3	S71418.0
20.00	20	57	125	3	S71420.0



S715



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S715

S715 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	S715
3.00	3	25	100	3	S7153.0
4.00	4	31	100	3	S7154.0
5.00	5	31	100	3	S7155.0
6.00	6	38	100	3	S7156.0
8.00	8	41	100	3	S7158.0
10.00	10	57	125	3	S71510.0
12.00	12	75	150	3	S71512.0
14.00	14	75	150	3	S71514.0
16.00	16	75	150	3	S71516.0
18.00	18	75	150	3	S71518.0
20.00	20	75	150	3	S71520.0

S637



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

# S637

S637 ■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



$d_1$ Ø mm	$d_2$ Ø <sub>h<sub>s</sub></sub> mm	$l_2$ mm	$l_1$ mm	$z$	S637
2.00	2	10	40	1	S6372.0
3.00	3	12	40	1	S6373.0
4.00	4	15	50	1	S6374.0
5.00	5	16	50	1	S6375.0
6.00	6	20	60	1	S6376.0
8.00	8	22	63	1	S6378.0
10.00	10	25	72	1	S63710.0
12.00	12	30	83	1	S63712.0

S638



**S638**

- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

- 缩柄
- Haste reduzida
- Mango reducido
- Reduced shank

S638 ■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	S638
6.20	6	8	100	2	S6386.2
8.20	8	10	100	2	S6388.2
10.30	10	14	125	2	S63810.3
12.30	12	16	125	2	S63812.3
16.30	16	20	125	2	S63816.3
20.30	20	25	125	2	S63820.3

S610



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S610

S610 ■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



$d_1$ Ø mm	$d_2$ Ø <sub>h<sub>s</sub></sub> mm	$l_2$ mm	$l_1$ mm	$z$	S610
3.00	3	9	40	2	S6103.0XD3
3.00	6	9	50	2	S6103.0XD6
4.00	4	12	50	2	S6104.0XD4
4.00	6	12	50	2	S6104.0XD6
5.00	6	15	50	2	S6105.0
6.00	6	20	60	2	S6106.0
8.00	8	20	64	2	S6108.0
10.00	10	22	70	2	S61010.0
12.00	12	25	75	2	S61012.0
14.00	14	32	90	2	S61014.0
16.00	16	32	90	2	S61016.0
20.00	20	38	100	2	S61020.0

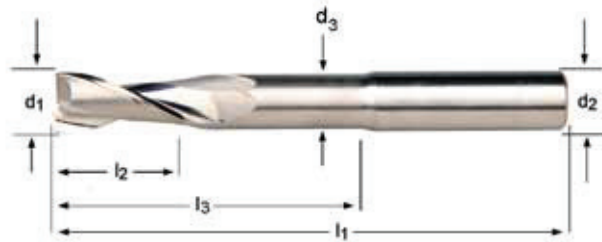
S611



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S611

S611 ■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



$d_1$ Ø mm	$d_2$ Ø <sub>h<sub>6</sub></sub> mm	$l_2$ mm	$l_1$ mm	$z$	$l_3$ mm	$d_3$ Ø mm	S611
6.00	6	16	80	2	40.0	5.5	S6116.0
8.00	8	20	80	2	40.0	7.4	S6118.0
10.00	10	22	100	2	60.0	9.2	S61110.0
12.00	12	25	100	2	60.0	11.0	S61112.0
14.00	14	32	125	2	85.0	13.0	S61114.0
16.00	16	32	125	2	85.0	15.0	S61116.0
20.00	20	38	125	2	85.0	19.0	S61120.0

<b>S804HA</b>	HM		N	Z 4		$\lambda 35^\circ$ $\gamma 9^\circ$	DIN 6535HA	Alcrona	h10		DIN 6527K
<b>S804HB</b>	HM		N	Z 4		$\lambda 35^\circ$ $\gamma 9^\circ$	DIN 6535HB	Alcrona	h10		DIN 6527K

- S804HA** • 立铣刀  
• Fresa de Topo
- S804HB** • Fresas de acabado  
• End Mill

S804HA; S804HB	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	3.1	3.2	3.3	3.4	6.2	6.3	6.4
	•	2.3	2.4	4.1	4.2	5.1	5.2	6.1	7.1	7.2	7.3	7.4	8.1	8.2		



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	z	S804HA	S804HB
2.00	6	4	50	4	S804HA2.0	S804HB2.0
3.00	6	5	50	4	S804HA3.0	S804HB3.0
4.00	6	8	54	4	S804HA4.0	S804HB4.0
5.00	6	9	54	4	S804HA5.0	S804HB5.0
6.00	6	10	54	4	S804HA6.0	S804HB6.0
8.00	8	12	58	4	S804HA8.0	S804HB8.0
10.00	10	14	66	4	S804HA10.0	S804HB10.0
12.00	12	16	73	4	S804HA12.0	S804HB12.0
16.00	16	22	82	4	S804HA16.0	S804HB16.0
20.00	20	26	92	4	S804HA20.0	S804HB20.0
25.00	25	32	121	4	S804HA25.0	S804HB25.0

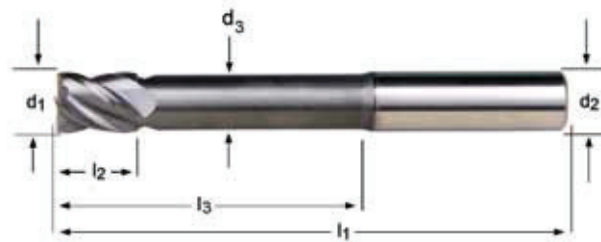
S219



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S219

S219 ■ 1.6 2.3 2.4 4.3 5.3



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	$l_3$ mm	$d_3$ Ø mm	S219
3.00	3	5	60	4	30.0	2.8	S2193.0
4.00	4	8	60	4	32.0	3.7	S2194.0
5.00	5	9	60	4	32.0	4.6	S2195.0
6.00	6	10	75	4	40.0	5.5	S2196.0
8.00	8	12	75	4	40.0	7.4	S2198.0
10.00	10	14	75	4	40.0	9.2	S21910.0
12.00	12	16	100	4	60.0	11.0	S21912.0
14.00	14	22	125	4	85.0	13.0	S21914.0
16.00	16	22	125	4	85.0	15.0	S21916.0
18.00	18	26	125	4	85.0	17.0	S21918.0
20.00	20	26	125	4	85.0	19.0	S21920.0



**S814HA** • 立铣刀  
• Fresa de Topo

**S814HB** • Fresas de acabado  
• End Mill

S814HA; S814HB	▪	1.1	1.2	1.3	1.4	1.5	2.1	3.1	3.2	3.3	3.4	6.2	6.3	6.4	
	•	1.6	2.2	2.3	4.1	4.2	5.1	5.2	6.1	7.1	7.2	7.3	7.4	8.1	8.2



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	z	S814HA	S814HB
2.00	6	7	57	4	S814HA2.0	S814HB2.0
3.00	6	8	57	4	S814HA3.0	S814HB3.0
4.00	6	11	57	4	S814HA4.0	S814HB4.0
5.00	6	13	57	4	S814HA5.0	S814HB5.0
6.00	6	13	57	4	S814HA6.0	S814HB6.0
8.00	8	19	63	4	S814HA8.0	S814HB8.0
10.00	10	22	72	4	S814HA10.0	S814HB10.0
12.00	12	26	83	4	S814HA12.0	S814HB12.0
16.00	16	32	92	4	S814HA16.0	S814HB16.0
20.00	20	38	104	4	S814HA20.0	S814HB20.0
25.00	25	45	121	4	S814HA25.0	S814HB25.0



S612

HM



N

Z

4



$\lambda 40^\circ$   
 $\gamma 10^\circ$

DIN  
6535HA



h9



DORMER

- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S612

S612 ■ 10.1



S612



1.00 - 12.00

$d_1$ $\varnothing$ mm	$d_2$ $\varnothing_{h_6}$ mm	$l_2$ mm	$l_1$ mm	z	S612
1.00	3	3	40	4	S6121.0
1.50	3	4.5	40	4	S6121.5
2.00	3	6.5	40	4	S6122.0
2.50	3	6.5	40	4	S6122.5
3.00	3	9	40	4	S6123.0
4.00	4	12	50	4	S6124.0
5.00	5	15	50	4	S6125.0
6.00	6	20	60	4	S6126.0
8.00	8	20	64	4	S6128.0
10.00	10	22	70	4	S61210.0
12.00	12	25	75	4	S61212.0

S216



- 立铣刀
- Fresa de Topo
- Fresas de acabado
- End Mill

## S216

S216 ■ 1.6 2.3 2.4 4.3 5.3



S216



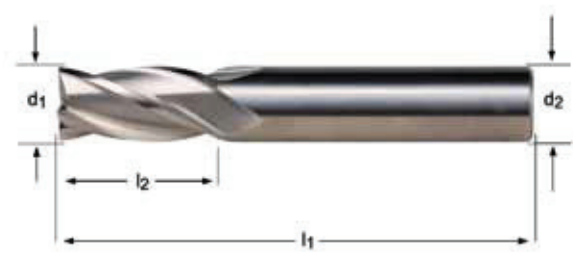
2.00 - 20.00

$d_1$ Ø mm	$d_2$ Ø <sub>h<sub>9</sub></sub> mm	$l_2$ mm	$l_1$ mm	$z$	S216
2.00	4	6.5	40	4	S2162.0
3.00	3	9	40	4	S2163.0XD3
3.00	6	9	50	4	S2163.0XD6
4.00	4	12	50	4	S2164.0XD4
4.00	6	12	50	4	S2164.0XD6
5.00	5	15	50	4	S2165.0
6.00	6	16	50	4	S2166.0
8.00	8	20	64	4	S2168.0
10.00	10	22	70	4	S21610.0
12.00	12	25	75	4	S21612.0
14.00	14	32	90	4	S21614.0
16.00	16	32	90	4	S21616.0
18.00	18	38	100	4	S21618.0
20.00	20	38	100	4	S21620.0



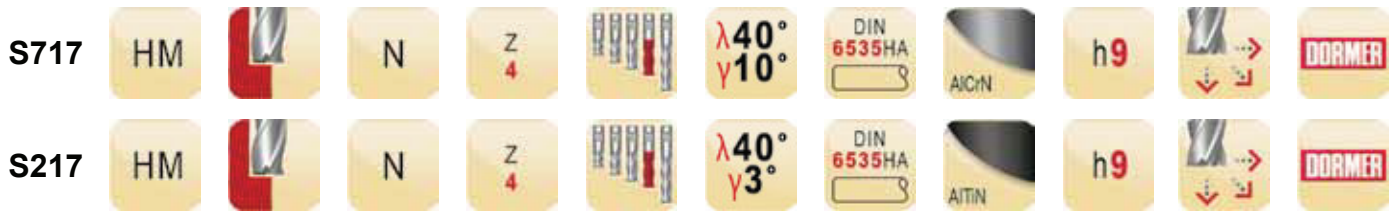
- S904**
- 立铣刀
  - Fresa de Topo
- S944**
- Fresas de acabado
  - End Mill

S904	▪	1.1	1.2	1.3	1.4	3.1	3.3	4.1	5.1	6.1	6.2	6.3					
	•	1.5	1.6	3.2	3.4	4.2	4.3	5.2	5.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3	
S944	▪	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3		
	•	1.6	4.2	4.3	5.2	5.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3				



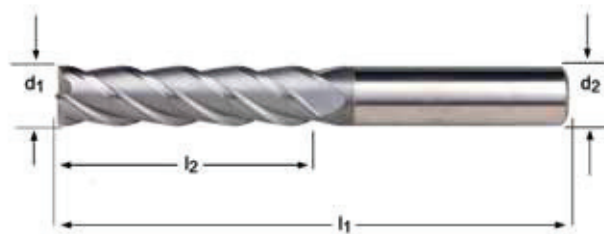
d <sub>1</sub> Ø mm	d <sub>2</sub> Øh <sub>6</sub> mm	l <sub>2</sub> mm	l <sub>1</sub> mm	z	S904	S944
2.00	3	6	38	4	S9042.0	S9442.0 <sup>1)</sup>
2.50	3	9	38	4	S9042.5	S9442.5 <sup>1)</sup>
3.00	3	12	38	4	S9043.0	S9443.0 <sup>1)</sup>
4.00	4	14	50	4	S9044.0	S9444.0 <sup>1)</sup>
5.00	5	16	50	4	S9045.0	S9445.0 <sup>1)</sup>
6.00	6	19	57	4	S9046.0	S9446.0
7.00	8	19	63	4	S9047.0	S9447.0
8.00	8	19	63	4	S9048.0	S9448.0
9.00	10	21	72	4	S9049.0	S9449.0
10.00	10	22	72	4	S90410.0	S94410.0
12.00	12	25	73	4	S90412.0	S94412.0
14.00	14	30	83	4	S90414.0	S94414.0
16.00	16	32	92	4	S90416.0	S94416.0
18.00	18	32	92	4	S90418.0	S94418.0
20.00	20	38	104	4	S90420.0	S94420.0

<sup>1)</sup> 圆柱柄 / Haste cilíndrica / Mango cilíndrico / Cylindrical shank



- S717** • 立铣刀  
• Fresa de Topo
- S217** • Fresas de acabado  
• End Mill

S717	▪	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2
S217	▪	1.6	2.3	2.4	4.3	5.3								



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	z	S717	S217
3.00	3	19	60	4	S7173.0	S2173.0XD3
3.00	6	19	75	4		S2173.0XD6
4.00	4	19	60	4	S7174.0	S2174.0XD4
4.00	6	19	75	4		S2174.0XD6
5.00	5	19	60	4	S7175.0	S2175.0
6.00	6	31	75	4	S7176.0	S2176.0
8.00	8	31	75	4	S7178.0	S2178.0
10.00	10	31	75	4	S71710.0	S21710.0
12.00	12	50	100	4	S71712.0	S21712.0
14.00	14	57	125	4	S71714.0	S21714.0
16.00	16	57	125	4	S71716.0	S21716.0
18.00	18	57	125	4	S71718.0	S21718.0
20.00	20	57	125	4	S71720.0	S21720.0



- S718**
- 立铣刀
  - Fresa de Topo
- S218**
- Fresas de acabado
  - End Mill

<b>S718</b>	▪	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2
<b>S218</b>	▪	1.6	2.3	2.4	4.3	5.3								



$d_1$ Ø mm	$d_2$ Ø <sub>h6</sub> mm	$l_2$ mm	$l_1$ mm	$z$	<b>S718</b>	<b>S218</b>
3.00	3	25	100	4	S7183.0	S2183.0
4.00	4	31	100	4	S7184.0	S2184.0
5.00	5	31	100	4	S7185.0	S2185.0
6.00	6	38	100	4	S7186.0	S2186.0
8.00	8	41	100	4	S7188.0	S2188.0
10.00	10	57	125	4	S71810.0	S21810.0
12.00	12	75	150	4	S71812.0	S21812.0
14.00	14	75	150	4	S71814.0	S21814.0
16.00	16	75	150	4	S71816.0	S21816.0
18.00	18	75	150	4	S71818.0	S21818.0
20.00	20	75	150	4	S71820.0	S21820.0