

# RAINFORD PRECISION

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SUTA Drills



## SUTA

*HSSE for stainless steel*

✚ High performance and self-centering geometry. Featuring premium HSSE+PV10 coating and special edge design, enables very low cutting pressure and outstanding performance on stainless steel drilling.

🇮🇹 Alto rendimento e affilatura autocentrante. Costruita con i migliori HSSE+PV10 e speciale geometria del tagliente, garantisce un bassissimo sforzo di taglio e prestazioni eccezionali nella foratura di acciaio inossidabile.

🇩🇪 Hohe Leistungen und selbstzentrierende Schnittgeometrie. Aus hervorragendem HSS/Co mit PV10 Beschichtung. Dank des sehr geringen Schneiddrucks, sind unschlagbare Leistungen auf rostfreien Stählen möglich.

🇫🇷 Haute performance et affûtage autocentrante. Fabriquée avec les meilleurs HSSE+PV10 et une arête spécifique, permet de minimiser les efforts de coupe en garantissant des performances exceptionnelles dans le perçage des aciers inoxydables.

🇪🇸 Broca de alto rendimiento con afilado autocentrante. Fabricada en HSSE Premium con recubrimiento PV10 y geometría especial, minimiza el esfuerzo de corte y permite lograr un altísimo rendimiento en aceros inoxidables.

🇷🇺 Высокопроизводительная и самоцентрирующаяся геометрия. При обработке нержавеющей сталей использование первоклассного HSSE+покрытия PV10 и специальной формы режущей кромки, позволяет работать при низком режущем усилии и отличной производительности.



### PV10 COATING

STAINLESS STEEL · ACCIAIO INOSSIDABILE  
ROSTFREIER STAHL · ACIER INOXYDABLE  
ACERO INOXIDABLE · НЕРЖАВЕЮЩАЯ СТАЛЬ

TYPHOON

C-SD-TA

LFTA

SUTA

HSS-  
HSS/CO  
DRILLS

UH  
RED

MEX  
ORANGE

HF  
EVO

MEF  
ENDLESS

ALU

MDC

G2

MDTA

ULTRA  
MILLS

HSS/CO

CARBIDE  
BURRS

PARAMETERS

**n** **Vf**  
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**OSAWA**  
**NORM**

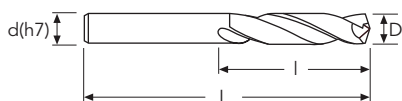
**3XD**

**980SUTA**



**980SUTA (h8)**

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D



D(h8)	I	L	Stock
mm 2.00	12	44	●
2.10	12	44	●
2.20	13	45	●
2.30	13	45	●
2.40	14	46	●
2.50	14	46	●
2.60	14	46	●
2.70	16	48	●
2.80	16	48	●
2.90	16	48	●
3.00	16	48	●
3.10	18	50	●
3.20	18	50	●
3.30	18	50	●
3.40	20	52	●
3.50	20	52	●
3.60	20	52	●
3.70	20	52	●
3.80	22	54	●
3.90	22	54	●
4.00	22	54	●
4.10	22	66	●
4.20	22	66	●
4.30	24	68	●
4.40	24	68	●
4.50	24	68	●
4.60	24	68	●
4.70	24	68	●
4.80	26	70	●
4.90	26	70	●
5.00	26	70	●
5.10	26	70	●
5.20	26	70	●
5.30	26	70	●
5.40	28	72	●
5.50	28	72	●

\* ≤ mm 4 = 130°

● stock standard ○ non-standard stock ■ stock exhaustion

**n** **Vf**  
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**OSAWA  
NORM**

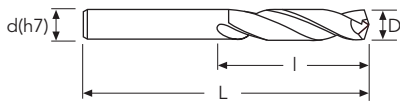
**3XD**

**980SUTA**



**980SUTA (h8)**

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D

**SUTA**  
**HSSE**  
**PV10**  
**120°**  
**38°**

D(h8)	I	L	Stock
mm 5.60	28	72	●
5.70	28	72	●
5.80	28	72	●
5.90	28	72	●
6.00	28	72	●
6.10	31	75	●
6.20	31	75	●
6.30	31	75	●
6.40	31	75	●
6.50	31	75	●
6.60	31	75	●
6.70	31	75	●
6.80	34	78	●
6.90	34	78	●
7.00	34	78	●
7.10	34	78	●
7.20	34	78	●
7.30	34	78	●
7.40	34	78	●
7.50	34	78	●
7.60	37	81	●
7.70	37	81	●
7.80	37	81	●
7.90	37	81	●
8.00	37	81	●
8.10	37	87	●
8.20	37	87	●
8.30	37	87	●
8.40	37	87	●
8.50	37	87	●
8.60	40	90	●
8.70	40	90	●
8.80	40	90	●
8.90	40	90	●
9.00	40	90	●
9.10	40	90	●

● stock standard ○ non-standard stock ■ stock exhaustion

- TYPHOON
- C-SD-TA
- LFTA
- SUTA**
- HSS-HSS/CO DRILLS
- UH RED
- MEX ORANGE
- HF EVO
- MEF ENDLESS
- ALU
- MDC
- G2
- MDTA
- ULTRA MILLS
- HSS/CO
- CARBIDE BURRS
- PARAMETERS

**n** **Vf**  
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**OSAWA**  
**NORM**

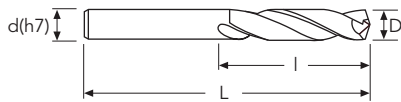
**3XD**

**980SUTA**



**980SUTA (h8)**

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D



D(h8)	I	L	Stock
mm 9.20	40	90	●
9.30	40	90	●
9.40	40	90	●
9.50	40	90	●
9.60	43	93	●
9.70	43	93	●
9.80	43	93	●
9.90	43	93	●
10.00	43	93	●
10.10	43	100	●
10.20	43	100	●
10.30	43	100	●
10.40	43	100	●
10.50	43	100	●
10.60	43	100	●
10.70	47	104	●
10.80	47	104	●
10.90	47	104	●
11.00	47	104	●
11.10	47	104	●
11.20	47	104	●
11.30	47	104	●
11.40	47	104	●
11.50	47	104	●
11.60	47	104	●
11.70	47	104	●
11.80	47	104	●
11.90	51	108	●
12.00	51	108	●
12.10	51	108	●
12.20	51	108	●
12.30	51	108	●
12.40	51	108	●
12.50	51	108	●
12.60	51	108	●
12.70	51	108	●

● stock standard   ○ non-standard stock   ■ stock exhaustion

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**OSAWA  
NORM**

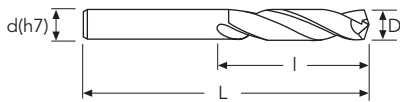
**3XD**

**980SUTA**



**980SUTA (h8)**

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D



D(h8)	I	L	Stock
mm 12.80	51	108	●
12.90	51	108	●
13.00	51	108	●

● stock standard   ○ non-standard stock   ■ stock exhaustion

- TYPHOON
- C-SD-TA
- LFTA
- SUTA**
- HSS-  
HSS/CO  
DRILLS
- UH  
RED
- MEX  
ORANGE
- HF  
EVO
- MEF  
ENDLESS
- ALU
- MDC
- G2
- MDTA
- ULTRA  
MILLS
- HSS/CO
- CARBIDE  
BURRS
- PARAMETERS

**n** **Vf**  
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**OSAWA**  
**NORM**

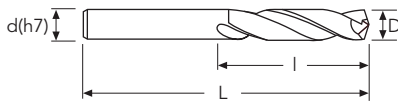
**5XD**

**990SUTA**



**990SUTA (h8)**

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D



**HSSE**  
**PV10**



D(h8)	I	L	Stock
mm 2.00	24	56	●
2.10	24	56	●
2.20	27	59	●
2.30	27	59	●
2.40	30	62	●
2.50	30	62	●
2.60	30	62	●
2.70	33	65	●
2.80	33	65	●
2.90	33	65	●
3.00	33	65	●
3.10	36	68	●
3.20	36	68	●
3.30	36	68	●
3.40	39	71	●
3.50	39	71	●
3.60	39	71	●
3.70	39	71	●
3.80	43	75	●
3.90	43	75	●
4.00	43	75	●
4.10	43	87	●
4.20	43	87	●
4.30	47	91	●
4.40	47	91	●
4.50	47	91	●
4.60	47	91	●
4.70	47	91	●
4.80	52	96	●
4.90	52	96	●
5.00	52	96	●
5.10	52	96	●
5.20	52	96	●
5.30	52	96	●
5.40	57	101	●
5.50	57	101	●

\* ≤ mm 4 = 130°

● stock standard ○ non-standard stock ■ stock exhaustion

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OSAWA  
NORM

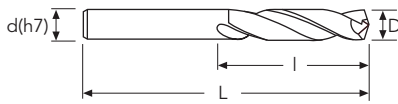
5XD

990SUTA



990SUTA (h8)

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D

HSSE
   
 PV10

D(h8)	I	L	Stock
mm 5.60	57	101	●
5.70	57	101	●
5.80	57	101	●
5.90	57	101	●
6.00	57	101	●
6.10	63	107	●
6.20	63	107	●
6.30	63	107	●
6.40	63	107	●
6.50	63	107	●
6.60	63	107	●
6.70	63	107	●
6.80	69	113	●
6.90	69	113	●
7.00	69	113	●
7.10	69	113	●
7.20	69	113	●
7.30	69	113	●
7.40	69	113	●
7.50	69	113	●
7.60	75	119	●
7.70	75	119	●
7.80	75	119	●
7.90	75	119	●
8.00	75	119	●
8.10	75	125	●
8.20	75	125	●
8.30	75	125	●
8.40	75	125	●
8.50	75	125	●
8.60	81	131	●
8.70	81	131	●
8.80	81	131	●
8.90	81	131	●
9.00	81	131	●
9.10	81	131	●

● stock standard   ○ non-standard stock   ■ stock exhaustion

TYPHOON

C-SD-TA

LFTA

SUTA

HSS-HSS/CO DRILLS

UH RED

MEX ORANGE

HF EVO

MEF ENDLESS

ALU

MDC

G2

MDTA

ULTRA MILLS

HSS/CO

CARBIDE BURRS

PARAMETERS



**n** **Vf**  
PAGE 249

**OSAWA**  
**NORM**

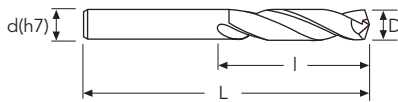
**5XD**

**990SUTA**



990SUTA (h8)

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D



D(h8)	I	L	Stock
mm 9.20	81	131	●
9.30	81	131	●
9.40	81	131	●
9.50	81	131	●
9.60	87	137	●
9.70	87	137	●
9.80	87	137	●
9.90	87	137	●
10.00	87	137	●
10.10	87	144	●
10.20	87	144	●
10.30	87	144	●
10.40	87	144	●
10.50	87	144	●
10.60	87	144	●
10.70	94	151	●
10.80	94	151	●
10.90	94	151	●
11.00	94	151	●
11.10	94	151	●
11.20	94	151	●
11.30	94	151	●
11.40	94	151	●
11.50	94	151	●
11.60	94	151	●
11.70	94	151	●
11.80	94	151	●
11.90	101	158	●
12.00	101	158	●
12.10	101	158	●
12.20	101	158	●
12.30	101	158	●
12.40	101	158	●
12.50	101	158	●
12.60	101	158	●
12.70	101	158	●

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**n** **Vf**  
PAGE 249

**OSAWA  
NORM**

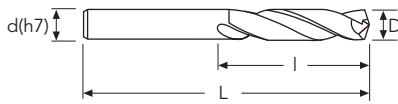
**5XD**

**990SUTA**



**990SUTA (h8)**

Ø mm	1~3	3.1~6	6.1~10	10.1~18	18.1~20
tol. D µ	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33



d = D



D(h8)	I	L	Stock
mm 12.80	101	158	●
12.90	101	158	●
13.00	101	158	●
13.50	106	166	●
14.00	106	166	●
14.10	109	169	●
14.50	109	169	●
15.00	109	169	●
15.50	112	172	●
15.60	112	172	●
16.00	112	172	●
16.50	115	181	●
17.00	115	181	●
17.50	118	184	●
17.60	118	184	●
18.00	118	184	●
18.50	122	188	●
19.00	122	188	●
19.50	125	191	●
20.00	125	191	●

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