

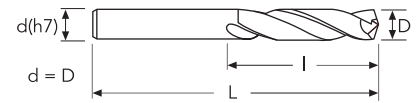
980SUTA

self centering, stainless steel, extra-short



P	M	K	N	S	H
★	★		★	☆	

★ 1st choice ☆ suitable



D(h8)	D Tol.	d(h7)	l	L	PACKAGING	EDP No.	Stock
2.00	0/-0.014	2	12	44	1	P980SUTA0200	●
2.10	0/-0.014	2.1	12	44	1	P980SUTA0210	●
2.20	0/-0.014	2.2	13	45	1	P980SUTA0220	●
2.30	0/-0.014	2.3	13	45	1	P980SUTA0230	●
2.40	0/-0.014	2.4	14	46	1	P980SUTA0240	●
2.50	0/-0.014	2.5	14	46	1	P980SUTA0250	●
2.60	0/-0.014	2.6	14	46	1	P980SUTA0260	●
2.70	0/-0.014	2.7	16	48	1	P980SUTA0270	●
2.80	0/-0.014	2.8	16	48	1	P980SUTA0280	●
2.90	0/-0.014	2.9	16	48	1	P980SUTA0290	●
3.00	0/-0.014	3	16	48	1	P980SUTA0300	●
3.10	0/-0.018	3.1	18	50	1	P980SUTA0310	●
3.20	0/-0.018	3.2	18	50	1	P980SUTA0320	●
3.30	0/-0.018	3.3	18	50	1	P980SUTA0330	●
3.40	0/-0.018	3.4	20	52	1	P980SUTA0340	●
3.50	0/-0.018	3.5	20	52	1	P980SUTA0350	●
3.60	0/-0.018	3.6	20	52	1	P980SUTA0360	●
3.70	0/-0.018	3.7	20	52	1	P980SUTA0370	●
3.80	0/-0.018	3.8	22	54	1	P980SUTA0380	●
3.90	0/-0.018	3.9	22	54	1	P980SUTA0390	●
4.00	0/-0.018	4	22	54	1	P980SUTA0400	●
4.10	0/-0.018	4.1	22	66	1	P980SUTA0410	●
4.20	0/-0.018	4.2	22	66	1	P980SUTA0420	●
4.30	0/-0.018	4.3	24	68	1	P980SUTA0430	●
4.40	0/-0.018	4.4	24	68	1	P980SUTA0440	●
4.50	0/-0.018	4.5	24	68	1	P980SUTA0450	●
4.60	0/-0.018	4.6	24	68	1	P980SUTA0460	●
4.70	0/-0.018	4.7	24	68	1	P980SUTA0470	●
4.80	0/-0.018	4.8	26	70	1	P980SUTA0480	●
4.90	0/-0.018	4.9	26	70	1	P980SUTA0490	●
5.00	0/-0.018	5	26	70	1	P980SUTA0500	●
5.10	0/-0.018	5.1	26	70	1	P980SUTA0510	●
5.20	0/-0.018	5.2	26	70	1	P980SUTA0520	●
5.30	0/-0.018	5.3	26	70	1	P980SUTA0530	●
5.40	0/-0.018	5.4	28	72	1	P980SUTA0540	●
5.50	0/-0.018	5.5	28	72	1	P980SUTA0550	●
5.60	0/-0.018	5.6	28	72	1	P980SUTA0560	●
5.70	0/-0.018	5.7	28	72	1	P980SUTA0570	●
5.80	0/-0.018	5.8	28	72	1	P980SUTA0580	●

● stock standard ○ non-standard stock ▽ stock exhaustion

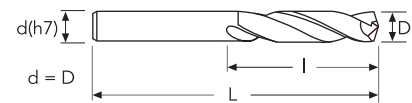
980SUTA

self centering, stainless steel, extra-short



P	M	K	N	S	H
★	★		★	☆	

★ 1st choice ☆ suitable



D(h8)	D Tol.	d(h7)	l	L	PACKAGING	EDP No.	Stock
5.90	0/-0.018	5.9	28	72	1	P980SUTA0590	●
6.00	0/-0.018	6	28	72	1	P980SUTA0600	●
6.10	0/-0.022	6.1	31	75	1	P980SUTA0610	●
6.20	0/-0.022	6.2	31	75	1	P980SUTA0620	●
6.30	0/-0.022	6.3	31	75	1	P980SUTA0630	●
6.40	0/-0.022	6.4	31	75	1	P980SUTA0640	●
6.50	0/-0.022	6.5	31	75	1	P980SUTA0650	●
6.60	0/-0.022	6.6	31	75	1	P980SUTA0660	●
6.70	0/-0.022	6.7	31	75	1	P980SUTA0670	●
6.80	0/-0.022	6.8	34	78	1	P980SUTA0680	●
6.90	0/-0.022	6.9	34	78	1	P980SUTA0690	●
7.00	0/-0.022	7	34	78	1	P980SUTA0700	●
7.10	0/-0.022	7.1	34	78	1	P980SUTA0710	●
7.20	0/-0.022	7.2	34	78	1	P980SUTA0720	●
7.30	0/-0.022	7.3	34	78	1	P980SUTA0730	●
7.40	0/-0.022	7.4	34	78	1	P980SUTA0740	●
7.50	0/-0.022	7.5	34	78	1	P980SUTA0750	●
7.60	0/-0.022	7.6	37	81	1	P980SUTA0760	●
7.70	0/-0.022	7.7	37	81	1	P980SUTA0770	●
7.80	0/-0.022	7.8	37	81	1	P980SUTA0780	●
7.90	0/-0.022	7.9	37	81	1	P980SUTA0790	●
8.00	0/-0.022	8	37	81	1	P980SUTA0800	●
8.10	0/-0.022	8.1	37	87	1	P980SUTA0810	●
8.20	0/-0.022	8.2	37	87	1	P980SUTA0820	●
8.30	0/-0.022	8.3	37	87	1	P980SUTA0830	●
8.40	0/-0.022	8.4	37	87	1	P980SUTA0840	●
8.50	0/-0.022	8.5	37	87	1	P980SUTA0850	●
8.60	0/-0.022	8.6	40	90	1	P980SUTA0860	●
8.70	0/-0.022	8.7	40	90	1	P980SUTA0870	●
8.80	0/-0.022	8.8	40	90	1	P980SUTA0880	●
8.90	0/-0.022	8.9	40	90	1	P980SUTA0890	●
9.00	0/-0.022	9	40	90	1	P980SUTA0900	●
9.10	0/-0.022	9.1	40	90	1	P980SUTA0910	●
9.20	0/-0.022	9.2	40	90	1	P980SUTA0920	●
9.30	0/-0.022	9.3	40	90	1	P980SUTA0930	●
9.40	0/-0.022	9.4	40	90	1	P980SUTA0940	●
9.50	0/-0.022	9.5	40	90	1	P980SUTA0950	●
9.60	0/-0.022	9.6	43	93	1	P980SUTA0960	●
9.70	0/-0.022	9.7	43	93	1	P980SUTA0970	●

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

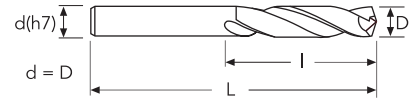
980SUTA

self centering, stainless steel, extra-short



P	M	K	N	S	H
★	★	★	★	☆	☆

★ 1st choice ☆ suitable



D(h8)	D Tol.	d(h7)	I	L	PACKAGING	EDP No.	Stock
9.80	0/-0.022	9.8	43	93	1	P980SUTA0980	●
9.90	0/-0.022	9.9	43	93	1	P980SUTA0990	●
10.00	0/-0.022	10	43	93	1	P980SUTA1000	●
10.10	0/-0.022	10.1	43	100	1	P980SUTA1010	●
10.20	0/-0.022	10.2	43	100	1	P980SUTA1020	●
10.30	0/-0.022	10.3	43	100	1	P980SUTA1030	●
10.40	0/-0.022	10.4	43	100	1	P980SUTA1040	●
10.50	0/-0.022	10.5	43	100	1	P980SUTA1050	●
10.60	0/-0.022	10.6	43	100	1	P980SUTA1060	●
10.70	0/-0.022	10.7	47	104	1	P980SUTA1070	●
10.80	0/-0.022	10.8	47	104	1	P980SUTA1080	●
10.90	0/-0.022	10.9	47	104	1	P980SUTA1090	●
11.00	0/-0.022	11	47	104	1	P980SUTA1100	●
11.10	0/-0.022	11.1	47	104	1	P980SUTA1110	●
11.20	0/-0.022	11.2	47	104	1	P980SUTA1120	●
11.30	0/-0.022	11.3	47	104	1	P980SUTA1130	●
11.40	0/-0.022	11.4	47	104	1	P980SUTA1140	●
11.50	0/-0.022	11.5	47	104	1	P980SUTA1150	●
11.60	0/-0.022	11.6	47	104	1	P980SUTA1160	●
11.70	0/-0.022	11.7	47	104	1	P980SUTA1170	●
11.80	0/-0.022	11.8	47	104	1	P980SUTA1180	●
11.90	0/-0.022	11.9	51	108	1	P980SUTA1190	●
12.00	0/-0.022	12	51	108	1	P980SUTA1200	●
12.10	0/-0.022	12.1	51	108	1	P980SUTA1210	●
12.20	0/-0.022	12.2	51	108	1	P980SUTA1220	●
12.30	0/-0.022	12.3	51	108	1	P980SUTA1230	●
12.40	0/-0.022	12.4	51	108	1	P980SUTA1240	●
12.50	0/-0.022	12.5	51	108	1	P980SUTA1250	●
12.60	0/-0.022	12.6	51	108	1	P980SUTA1260	●
12.70	0/-0.022	12.7	51	108	1	P980SUTA1270	●
12.80	0/-0.022	12.8	51	108	1	P980SUTA1280	●
12.90	0/-0.022	12.9	51	108	1	P980SUTA1290	●
13.00	0/-0.022	13	51	108	1	P980SUTA1300	●

● stock standard ○ non-standard stock ▽ stock exhaustion

980SUTA

Material Group ISO 513	P1 P2			M1 M2			M3					
	500-700 N/mm ²			< 750 N/mm ²			550-850 N/mm ²					
Hardness/Rm	35-45			18-22			12-16					
Vc (m/min)	35-45			18-22			12-16					
D (mm)	n (rpm)	fn (mm/rev)	Vf (mm/min)	n (rpm)	fn (mm/rev)	Vf (mm/min)	n (rpm)	fn (mm/rev)	Vf (mm/min)			
2	6370	0.060	380	3180	0.060	190	2230	0.042	90			
3	4250	0.080	340	2120	0.080	170	1490	0.056	80			
4	3180	0.100	320	1590	0.100	160	1110	0.070	80			
5	2550	0.120	310	1270	0.120	150	890	0.084	70			
6	2120	0.140	300	1060	0.140	150	740	0.098	70			
7	1820	0.160	290	910	0.160	150	640	0.112	70			
8	1590	0.180	290	800	0.180	140	560	0.126	70			
9	1420	0.200	280	710	0.200	140	500	0.140	70			
10	1270	0.230	290	640	0.230	150	450	0.161	70			
11	1160	0.260	300	580	0.260	150	410	0.169	70			
12	1060	0.300	320	530	0.300	160	370	0.195	70			
13	980	0.340	330	490	0.340	170	340	0.221	80			
14	910	0.360	330	450	0.360	160	320	0.234	70			
15	850	0.380	320	420	0.380	160	300	0.247	70			
16	800	0.400	320	400	0.400	160	280	0.260	70			
17	750	0.425	320	370	0.425	160	260	0.276	70			
18	710	0.450	320	350	0.450	160	250	0.293	70			
19	670	0.460	310	340	0.460	160	230	0.299	70			
20	640	0.470	300	320	0.470	150	220	0.306	70			

Material Group ISO 513	N1 N2 N4			N3			S1 S2			S4		
	60-80			30-40			8-12			12-16		
Hardness/Rm	60-80			30-40			8-12			12-16		
Vc (m/min)	60-80			30-40			8-12			12-16		
D (mm)	n (rpm)	fn (mm/rev)	Vf (mm/min)	n (rpm)	fn (mm/rev)	Vf (mm/min)	n (rpm)	fn (mm/rev)	Vf (mm/min)	n (rpm)	fn (mm/rev)	Vf (mm/min)
2	11150	0.066	740	5570	0.051	280	1590	0.024	38	2230	0.042	90
3	7430	0.088	650	3720	0.068	250	1060	0.032	34	1490	0.056	80
4	5570	0.120	670	2790	0.085	240	800	0.040	32	1110	0.070	80
5	4460	0.144	640	2230	0.102	230	640	0.060	38	890	0.084	70
6	3720	0.182	680	1860	0.119	220	530	0.070	37	740	0.098	70
7	3180	0.208	660	1590	0.136	220	450	0.096	43	640	0.128	80
8	2790	0.252	700	1390	0.153	210	400	0.108	43	560	0.144	80
9	2480	0.280	690	1240	0.170	210	350	0.120	42	500	0.160	80
10	2230	0.322	720	1110	0.196	220	320	0.138	44	450	0.184	80
11	2030	0.364	740	1010	0.221	220	290	0.156	45	410	0.208	90
12	1860	0.420	780	930	0.255	240	270	0.180	49	370	0.240	90
13	1710	0.476	810	860	0.289	250	240	0.204	49	340	0.272	90
14	1590	0.504	800	800	0.306	240	230	0.216	50	320	0.288	90
15	1490	0.532	790	740	0.323	240	210	0.228	48	300	0.304	90
16	1390	0.560	780	700	0.340	240	200	0.240	48	280	0.320	90
17	1310	0.595	780	660	0.361	240	190	0.255	48	260	0.340	90
18	1240	0.630	780	620	0.383	240	180	0.270	49	250	0.360	90
19	1170	0.644	750	590	0.391	230	170	0.276	47	230	0.368	80
20	1110	0.658	730	560	0.400	220	160	0.282	45	220	0.376	80

- 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