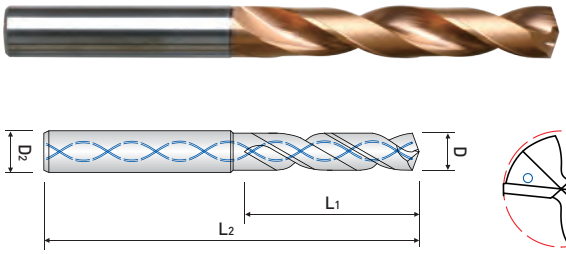


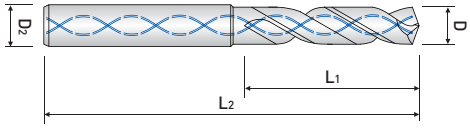
5 X D / POWER MAX DRILL MEDIUM / INTERNAL COOLANT,

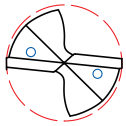
- Suitable for high speed cutting with newly developed raw-material and new coating.

SF505 ...series

ULTRA FINE HELIX h8

EDP. No.	Dia.			L_1	L_2	D_2	STOCK
	mm	fraction	inch				
SF505031	3.1	-	.1233	27	74	4	•
SF50503175	3.175	1/8	.1250				•
SF505032	3.2	-	.1260				•
SF50503264	3.264	#30	.1285				•
SF505033	3.3	-	.1299				•
SF505034	3.4	-	.1339	30			•
SF505035	3.5	-	.1378				•
SF50503572	3.572	9/64	.1406				•
SF505036	3.6	-	.1417				•
SF505037	3.7	-	.1457				•
SF505038	3.8	-	.1496	33			•
SF505039	3.9	-	.1535				•
SF505040	4.0	-	.1575				•
SF50504039	4.039	#21	.1590	33	80	5	•
SF505041	4.1	-	.1614				•
SF505042	4.2	-	.1654				•
SF505043	4.3	-	.1693	36			•
SF505044	4.4	-	.1732				•
SF505045	4.5	-	.1772				•
SF505046	4.6	-	.1811				•
SF505047	4.7	-	.1850				•
SF50504763	4.763	3/16	.1875	39			•
SF505048	4.8	-	.1890				•
SF505049	4.9	-	.1929				•
SF505050	5.0	-	.1969				•
SF505051	5.1	-	.2008	39	87	6	•
SF50505159	5.159	13/64	.2031				•
SF505052	5.2	-	.2047				•
SF505053	5.3	-	.2087				•
SF505054	5.4	-	.2126	43			•
SF505055	5.5	-	.2165				•
SF50505558	5.558	7/32	.2188				•
SF505056	5.6	-	.2205				•
SF505057	5.7	-	.2244				•
SF505058	5.8	-	.2283				•
SF505059	5.9	-	.2323				•
SF50505953	5.953	15/64	.2344				•
SF505060	6.0	-	.2362				•
SF505061	6.1	-	.2402	47	95	7	•
SF505062	6.2	-	.2441				•
SF505063	6.3	-	.2480				•
SF5050635	6.350	1/4	.2500				•





5 X D / POWER MAX DRILL MEDIUM / INTERNAL COOLANT,

- Suitable for high speed cutting with newly developed raw-material and new coating.

SF505 ...series

ULTRA FINE HELIX h8

EDP. No.	Dia.			L1	L2	D2	STOCK
	mm	fraction	inch				
SF505064	6.4	-	.2520	47	95	7	•
SF505065	6.5	-	.2559				•
SF505066	6.6	-	.2598				•
SF505067	6.7	-	.2638				•
SF50506747	6.747	17/64	.2656				•
SF505068	6.8	-	.2677				•
SF505069	6.9	-	.2717				•
SF505070	7.0	-	.2756				•
SF505071	7.1	-	.2795	52	103	8	•
SF50507145	7.145	9/32	.2813				•
SF505072	7.2	-	.2835				•
SF505073	7.3	-	.2874				•
SF505074	7.4	-	.2913				•
SF505075	7.5	-	.2953				•
SF50507541	7.541	19/64	.2969				•
SF505076	7.6	-	.2992				•
SF505077	7.7	-	.3031				•
SF505078	7.8	-	.3071				•
SF505079	7.9	-	.3110				•
SF50507938	7.938	5/16	.3125				•
SF505080	8.0	-	.3150				•
SF505081	8.1	-	.3189	56	105	9	•
SF505082	8.2	-	.3228				•
SF505083	8.3	-	.3268				•
SF50508334	8.334	21/64	.3281				•
SF505084	8.4	-	.3307				•
SF505085	8.5	-	.3346				•
SF505086	8.6	-	.3386				•
SF505087	8.7	-	.3325				•
SF50508733	8.733	11/32	.3338				•
SF505088	8.8	-	.3465				•
SF505089	8.9	-	.3504				•
SF505090	9.0	-	.3543				•
SF505091	9.1	-	.3583	62	108	10	•
SF50509129	9.129	23/64	.3594				•
SF505092	9.2	-	.3622				•
SF505093	9.3	-	.3661				•
SF505094	9.4	-	.3701				•
SF505095	9.5	-	.3740				•
SF50509525	9.525	3/8	.3750				•
SF505096	9.6	-	.3780				•
SF505097	9.7	-	3819				•

EDP. No.	Dia.			L_1	L_2	D_2	STOCK
	mm	fraction	inch				
SF505098	9.8	-	.3858	62	108	10	•
SF505099	9.9	-	.3898				•
SF50509921	9.921	25/64	.3906				•
SF505100	10.0	-	.3937				•
SF505101	10.1	-	.3976	68	125	11	•
SF505102	10.2	-	.4016				•
SF505103	10.3	-	.4055				•
SF5051032	10.32	13/32	.4063				•
SF505104	10.4	-	.4094				•
SF505105	10.5	-	.4134				•
SF505106	10.6	-	.4173				•
SF505107	10.7	-	.4213				•
SF50510716	10.716	27/64	.4219				•
SF505108	10.8	-	.4252				•
SF505109	10.9	-	.4291				•
SF505110	11.0	-	.4331				•
SF505111	11.1	-	.4370	71	133	12	•
SF50511113	11.113	7/16	.4375				•
SF505112	11.2	-	.4409				•
SF505113	11.3	-	.4449				•
SF505114	11.4	-	.4488				•
SF505115	11.5	-	.4528				•
SF505116	11.6	-	.4567				•
SF505117	11.7	-	.4606				•
SF505118	11.8	-	.4646				•
SF505119	11.9	-	.4685				•
SF50511908	11.908	15/32	.4688				•
SF505120	12.0	-	.4724				•
SF505121	12.1	-	.4764	75	137	13	•
SF505122	12.2	-	.4803				•
SF505123	12.3	-	.4843				•
SF50512304	12.304	31/64	.4844				•
SF505124	12.4	-	.4882				•
SF505125	12.5	-	.4921				•
SF505126	12.6	-	.4961				•
SF505127	12.7	-	.5000				•
SF505128	12.8	-	.5039				•
SF505129	12.9	-	.5079				•
SF505130	13.0	-	.5118				•
SF50513096	13.096	33/64	.5156	80	142	14	•
SF505131	13.1	-	.5157				•
SF505132	13.2	-	.5197				•
SF505133	13.3	-	.5236				•
SF505134	13.4		.5276				•
SF50513494	13.494	-	.5313				•
SF505135	13.5	17/32	.5315				•
SF505136	13.6	-	.5354				•

EDP. No.	Dia.			L_1	L_2	D_2	STOCK
	mm	fraction	inch				
SF505137	13.7	-	.5354	80	142	14	•
SF505138	13.8	-	.5394				•
SF50513891	13.891	35/64	.5469				•
SF505139	13.9	-	.5472				•
SF505140	14.0	-	.5512				•
SF505141	14.1	-	.5551	83	148	15	•
SF505142	14.2	-	.5591				•
SF50514288	14.288	9/16	.5625				•
SF505143	14.3	-	.5630				•
SF505144	14.4	-	.5669				•
SF505145	14.5	-	.5709				•
SF505146	14.6	-	.5748				•
SF505147	14.7	-	.5787				•
SF505148	14.8	-	.5827				•
SF505149	14.9	-	.5866				•
SF505150	15.0	-	.5906				•
SF50515081	15.081	19/32	.5937	90	152	16	•
SF505151	15.1	-	.5945				•
SF505152	15.2	-	.5984				•
SF505154	15.4	-	.6063				•
SF505155	15.5	-	.6102				•
SF505156	15.6	-	.6142				•
SF505157	15.7	-	.6181				•
SF505158	15.8	-	.6220				•
SF50515875	15.875	5/8	.6250				•
SF505160	16.0	-	.6299				•
SF505161	16.1	-	.6339	95	155	17	•
SF505163	16.3	-	.6417				•
SF505165	16.5	-	.6496				•
SF50516667	16.667	21/32	.6562				•
SF505170	17.0	-	.6693				•
SF505171	17.1	-	.6732	100	157	18	•
SF505172	17.2	-	.6772				•
SF50517463	17.463	11/16	.6875				•
SF505175	17.5	-	.6890				•
SF505177	17.7	-	.6969				•
SF505178	17.8	-	.7008				•
SF505180	18.0	-	.7087				•
SF505181	18.1	-	.7126	105	160	19	•
SF505182	18.2	-	.7165				•
SF505185	18.5	-	.7283				•
SF505190	19.0	-	.7480				•
SF505191	19.1	-	.7520	110	163	20	•
SF505195	19.5	-	7677				•
SF505197	19.7	-	.7756				•
SF505200	20.0	-	.7874				•

■ Tolerance

㎛=1/1000㎜

Tolerance \ Dia.	from 1 to 3	over 3 to 6	over 6 to 10	over 10 to 18	over 18 to 30
Cutting Edge(h8)	0 -14	0 -18	0 -22	0 -27	0 -33
Shank(h6)	0 -6	0 -8	0 -9	0 -11	0 -13