

GK-HFBZ



株式会社 ギケン

世界初! 4枚刃

ZERO BURR fiber

CFRTP・GFRTP・UD材用
ハイブリッドドリル

世界初! 4枚刃 波形3D複合Rカッター形状
ゼロバリ fiber 誕生!!

下穴なしの一発穿孔でバリが出ない!
CFRTP・GFRTP・UD材・樹脂の穿孔に最適!
フレさえなければ穴精度H6リーマ仕上がり!
EU・アメリカ・中国 特許・意匠登録出願中

商標登録済

穿孔動画配信中

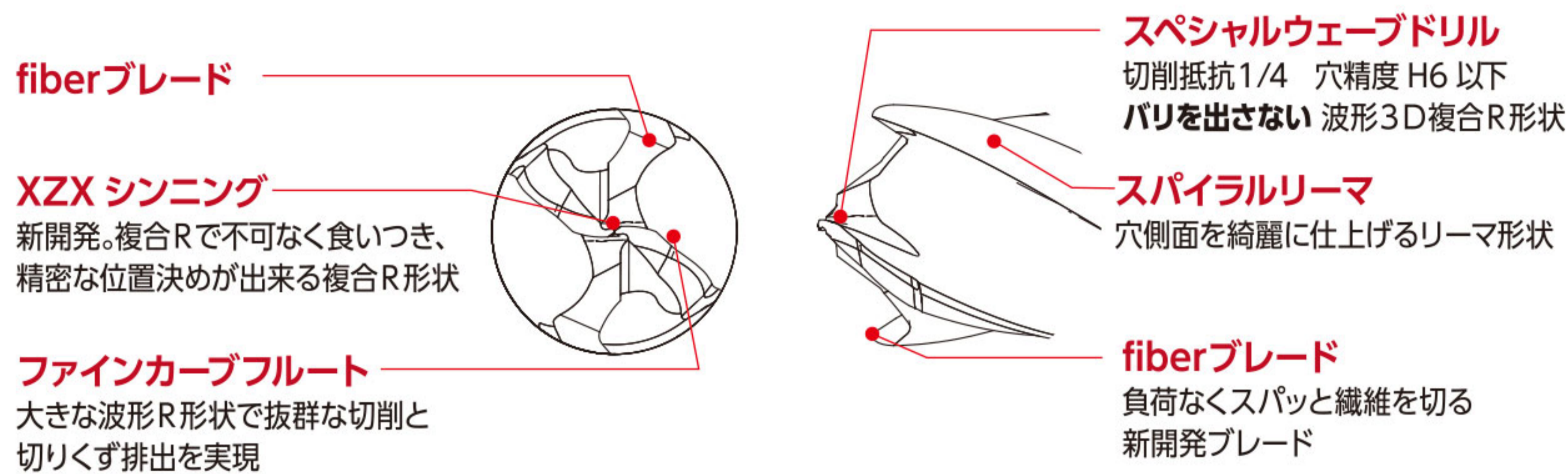


4枚刃! CFRTP・GFRTP・UD材用
ハイブリッドドリル

ゼロバリfiber新登場

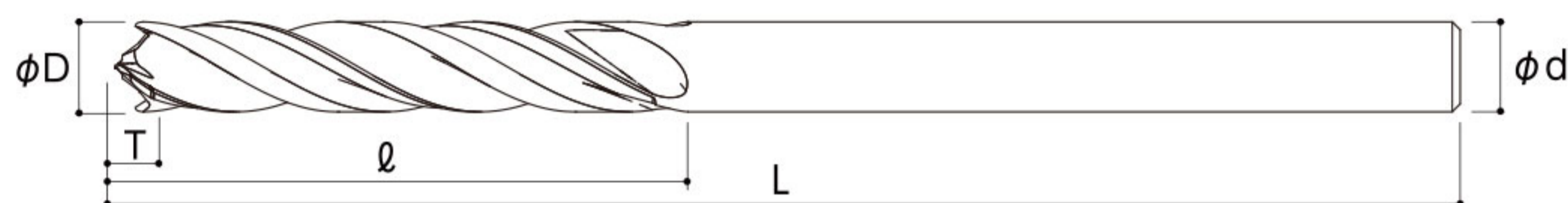
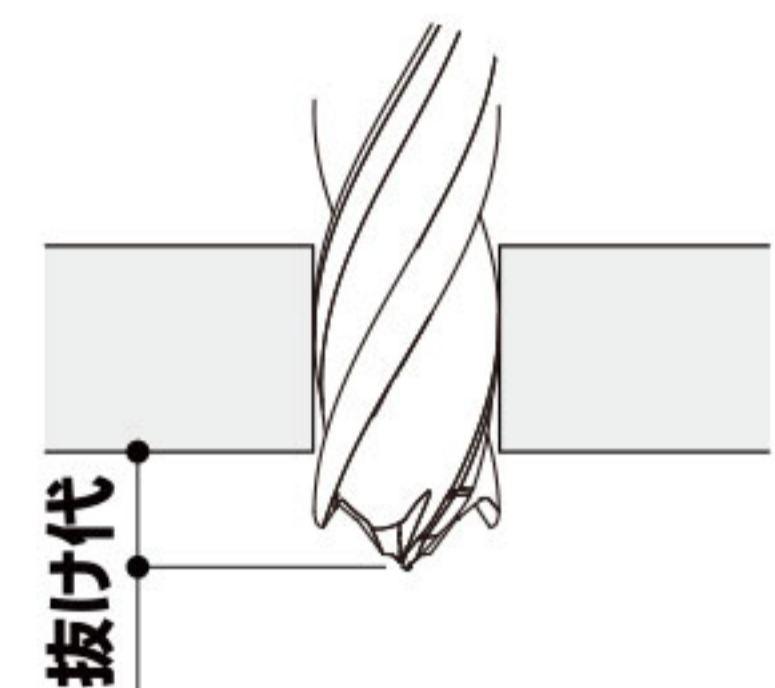
バリ取り不要! バリ取り作業が軽減され、コスト削減と高効率生産が可能
再研磨可能! 再研磨可能なので経済的(再研磨は弊社で行います)
特許・意匠出願中! 海外市場に進出(EU・アメリカ・中国)「ゼロバリ」商標登録済

ゼロバリfiberの優れた特徴(穿孔試験) The superior characteristics of ZEROBURR fiber (The results of drilling test)



<注意事項>

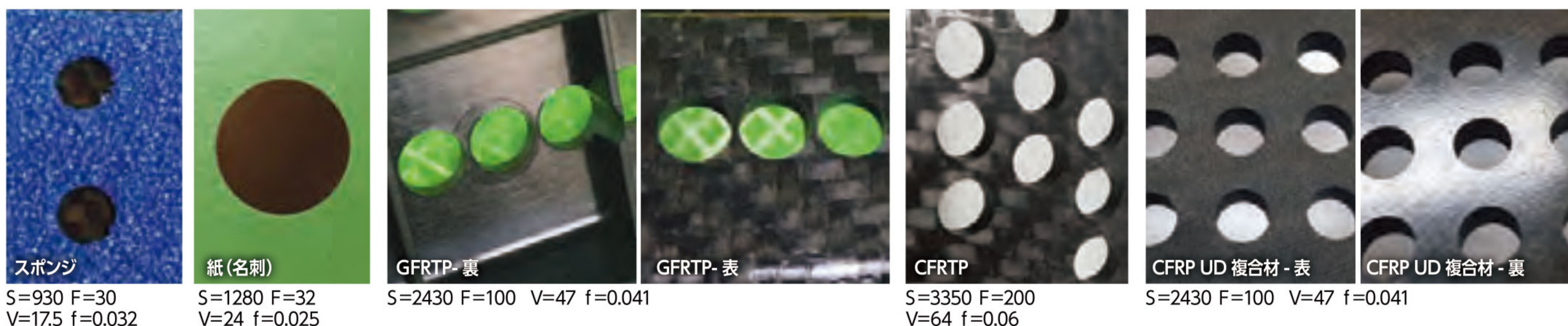
- ※湿式穿孔をお願いします。
- ※ワークは必ずしっかりと固定し、**抜け代が貫通するよう**にご使用下さい。
- ※ドリル装着時のフレが大きいと、溶着や穴径が大きくなり、ワーク穿孔面にらせん状のキズが残る恐れがあります。



<推奨切削条件>

h6 マイナス公差

- 切削速度V=17~70m/min 回転あたり送りf=0.02~0.06mm/rev
- ※ワークの種類、厚さなどの切削環境により 推奨切削条件が変化することがあります。



ZEROBURR fiber LINEUP

(CFRTP・GFRTP・UD材用 - for CFRTP / GFRTP / Unidirectional material Cross hole)

型番	φD 外径	T 抜け	ℓ 溝長	L 全長	φd シャンク
GK-HFBZ0300	3.0	1.5	18	60	3.0
GK-HFBZ0310	3.1	1.75	24	70	4.0
GK-HFBZ0320	3.2				
GK-HFBZ0330	3.3				
GK-HFBZ0340	3.4				
GK-HFBZ0350	3.5				
GK-HFBZ0360	3.6				
GK-HFBZ0370	3.7	2.0	30	75	6.0
GK-HFBZ0380	3.8				
GK-HFBZ0390	3.9				
GK-HFBZ0400	4.0				
GK-HFBZ0410	4.1				
GK-HFBZ0420	4.2				
GK-HFBZ0430	4.3	2.25	36	80	8.0
GK-HFBZ0440	4.4				
GK-HFBZ0450	4.5				
GK-HFBZ0460	4.6				
GK-HFBZ0470	4.7				
GK-HFBZ0480	4.8				
GK-HFBZ0490	4.9	2.5	42	90	8.0
GK-HFBZ0500	5.0				
GK-HFBZ0510	5.1				
GK-HFBZ0520	5.2				
GK-HFBZ0530	5.3				
GK-HFBZ0540	5.4				
GK-HFBZ0550	5.5	3.0	48	95	8.0
GK-HFBZ0560	5.6				
GK-HFBZ0570	5.7				
GK-HFBZ0580	5.8				
GK-HFBZ0590	5.9				
GK-HFBZ0600	6.0				
GK-HFBZ0610	6.1	3.25	54	100	10.0
GK-HFBZ0620	6.2				
GK-HFBZ0630	6.3				
GK-HFBZ0640	6.4				
GK-HFBZ0650	6.5				
GK-HFBZ0660	6.6				
GK-HFBZ0670	6.7	3.5	60	105	12.0
GK-HFBZ0680	6.8				
GK-HFBZ0690	6.9				
GK-HFBZ0700	7.0				
GK-HFBZ0710	7.1				
GK-HFBZ0720	7.2				
GK-HFBZ0730	7.3				

型番	φD 外径	T 抜け	ℓ 溝長	L 全長	φd シャンク
GK-HFBZ0740	7.4	3.75	48	95	8.0
GK-HFBZ0750	7.5				
GK-HFBZ0760	7.6				
GK-HFBZ0770	7.7				
GK-HFBZ0780	7.8				
GK-HFBZ0790	7.9				
GK-HFBZ0800	8.0	4.0	54	100	10.0
GK-HFBZ0810	8.1				
GK-HFBZ0820	8.2				
GK-HFBZ0830	8.3				
GK-HFBZ0840	8.4				
GK-HFBZ0850	8.5				
GK-HFBZ0860	8.6	4.25	60	105	12.0
GK-HFBZ0870	8.7				
GK-HFBZ0880	8.8				
GK-HFBZ0890	8.9				
GK-HFBZ0900	9.0				
GK-HFBZ0910	9.1				
GK-HFBZ0920	9.2	4.5	66	115	12.0
GK-HFBZ0930	9.3				
GK-HFBZ0940	9.4				
GK-HFBZ0950	9.5				
GK-HFBZ0960	9.6				
GK-HFBZ0970	9.7				
GK-HFBZ0980	9.8	4.75	72	120	12.0
GK-HFBZ0990	9.9				
GK-HFBZ1000	10.0				
GK-HFBZ1010	10.1				
GK-HFBZ1020	10.2				
GK-HFBZ1030	10.3				
GK-HFBZ1040	10.4	5.0	78	125	14.0
GK-HFBZ1050	10.5				
GK-HFBZ1060	10.6				
GK-HFBZ1070	10.7				
GK-HFBZ1080	10.8				
GK-HFBZ1090	10.9				
GK-HFBZ1100	11.0	5.25	84	130	14.0
GK-HFBZ1110	11.1				
GK-HFBZ1120	11.2				
GK-HFBZ1130	11.3				
GK-HFBZ1140	11.4				
GK-HFBZ1150	11.5				
GK-HFBZ1160	11.6	5.5	90	140	16.0
GK-HFBZ1170	11.7				

型番	φD 外径	T 抜け	ℓ 溝長	L 全長	φd シャンク
GK-HFBZ1180	11.8	6.0	72	120	12.0
GK-HFBZ1190	11.9				
GK-HFBZ1200	12.0				
GK-HFBZ1210	12.1				
GK-HFBZ1220	12.2				
GK-HFBZ1230	12.3				
GK-HFBZ1240	12.4	6.25	78	125	14.0
GK-HFBZ1250	12.5				
GK-HFBZ1260	12.6				
GK-HFBZ1270	12.7				
GK-HFBZ1280	12.8				
GK-HFBZ1290	12.9				
GK-HFBZ1300	13.0	6.5	84	130	14.0
GK-HFBZ1310	13.1				
GK-HFBZ1320	13.2				
GK-HFBZ1330	13.3				
GK-HFBZ1340	13.4				
GK-HFBZ1350	13.5				
GK-HFBZ1360	13.6	6.75	90	140	16.0
GK-HFBZ1370	13.7				
GK-HFBZ1380	13.8				
GK-HFBZ1390	13.9				
GK-HFBZ1400	14.0				
GK-HFBZ1410	14.1				
GK-HFBZ1420	14.2	7.0	96	145	16.0
GK-HFBZ1430	14.3				
GK-HFBZ1440	14.4				
GK-HFBZ1450	14.5				
GK-HFBZ1460	14.6				
GK-HFBZ1470	14.7				
GK-HFBZ1480	14.8	7.25	96	145	16.0
GK-HFBZ1490	14.9				
GK-HFBZ1500	15.0				
GK-HFBZ1510	15.1				
GK-HFBZ1520	15.2				
GK-HFBZ1530	15.3				
GK-HFBZ1540	15.4	7.5	96	145	16.0
GK-HFBZ1550	15.5				
GK-HFBZ1560	15.6				
GK-HFBZ1570	15.7				
GK-HFBZ1580	15.8				
GK-HFBZ1590	15.9				
GK-HFBZ1600	16.0				

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