

# HGS型(内部給油式)

炭素合金鋼 ~0.28%  
 炭素合金鋼 0.29%~  
 調質鋼  
 高硬度鋼 ~45 HRC  
 高硬度鋼 46HRC~  
 ステンレス鋼  
 Ti合金  
 耐熱鋼  
 鋳鉄  
 ダクタイル鋳鉄  
 銅合金

DEX コート 油穴付き 3D 5D 8D

※ h6, h8 公差は N38 参照

Fig 1 (刃径  $\phi$ 1.5~2.4mm シングルマージン)

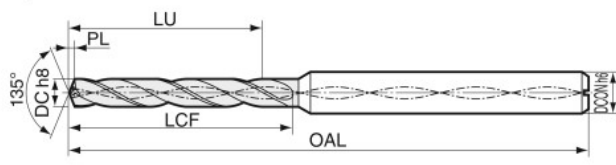
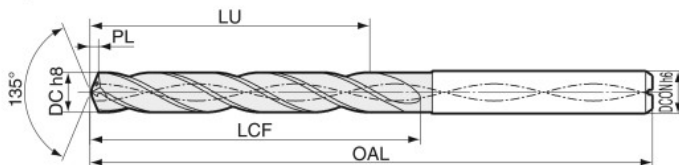


Fig 2 (刃径  $\phi$ 2.5~20.0mm ダブルマージン)



## 本体 刃径 $\phi$ 1.5 ~ 3.2mm

寸法(mm)

刃径 DC	穴深さ (L/D)	在庫	型番	有効長 LU	フルート長 LCF	全長 OAL	先端 PL	シャンク径 DCON	Fig
1.5	3	●	MDW 0150HGS3	8.1	10.3	63.3			1
	5	●	0150HGS5	12.1	14.3	70.3	0.3	3.0	1
	8	●	0150HGS8	16.6	18.8	76.3			1
1.6	3	●	MDW 0160HGS3	10.4	12.8	63.3			1
	5	●	0160HGS5	16.9	19.3	70.3	0.3	3.0	1
	8	●	0160HGS8	21.9	24.3	76.3			1
1.7	3	●	MDW 0170HGS3	10.4	12.9	63.4			1
	5	●	0170HGS5	16.9	19.4	70.4	0.4	3.0	1
	8	●	0170HGS8	21.9	24.4	76.4			1
1.8	3	●	MDW 0180HGS3	10.2	12.9	63.4			1
	5	●	0180HGS5	16.7	19.4	70.4	0.4	3.0	1
	8	●	0180HGS8	21.7	24.4	76.4			1
1.9	3	●	MDW 0190HGS3	10.1	12.9	63.4			1
	5	●	0190HGS5	16.6	19.4	70.4	0.4	3.0	1
	8	●	0190HGS8	21.6	24.4	76.4			1
2.0	3	●	MDW 0200HGS3	9.9	12.9	63.4			1
	5	●	0200HGS5	16.4	19.4	70.4	0.4	3.0	1
	8	●	0200HGS8	21.4	24.4	76.4			1
2.1	3	●	MDW 0210HGS3	12.3	15.4	68.4			1
	5	●	0210HGS5	21.3	24.4	78.4	0.4	3.0	1
	8	●	0210HGS8	24.8	27.9	81.4			1
2.2	3	●	MDW 0220HGS3	12.2	15.5	68.5			1
	5	●	0220HGS5	21.2	24.5	78.5	0.5	3.0	1
	8	●	0220HGS8	24.7	28.0	81.5			1
2.3	3	●	MDW 0230HGS3	12.1	15.5	68.5			1
	5	●	0230HGS5	21.1	24.5	78.5	0.5	3.0	1
	8	●	0230HGS8	24.6	28.0	81.5			1
2.4	3	●	MDW 0240HGS3	11.9	15.5	68.5			1
	5	●	0240HGS5	20.9	24.5	78.5	0.5	3.0	1
	8	●	0240HGS8	24.4	28.0	81.5			1
2.5	3	●	MDW 0250HGS3	11.8	15.5	68.5			2
	5	●	0250HGS5	20.8	24.5	78.5	0.5	3.0	2
	8	●	0250HGS8	24.3	28.0	81.5			2
2.6	3	●	MDW 0260HGS3	14.1	18.0	68.5			2
	5	●	0260HGS5	24.6	28.5	78.5	0.5	3.0	2
	8	●	0260HGS8	29.6	33.5	81.5			2
2.7	3	●	MDW 0270HGS3	14.1	18.1	68.6			2
	5	●	0270HGS5	24.6	28.6	78.6	0.6	3.0	2
	8	●	0270HGS8	29.6	33.6	81.6			2
2.8	3	●	MDW 0280HGS3	13.9	18.1	68.6			2
	5	●	0280HGS5	24.4	28.6	78.6	0.6	3.0	2
	8	●	0280HGS8	29.4	33.6	81.6			2
2.9	3	●	MDW 0290HGS3	13.8	18.1	68.6			2
	5	●	0290HGS5	24.3	28.6	78.6	0.6	3.0	2
	8	●	0290HGS8	29.3	33.6	81.6			2
3.0	3	●	MDW 0300HGS3	13.6	18.1	68.6			2
	5	●	0300HGS5	24.1	28.6	78.6	0.6	3.0	2
	8	●	0300HGS8	29.1	33.6	81.6			2
3.1	3	●	MDW 0310HGS3	16.0	20.6	72.6			2
	5	●	0310HGS5	28.0	32.6	86.6	0.6	4.0	2
	8	●	0310HGS8	34.5	39.1	92.6			2
3.2	3	●	MDW 0320HGS3	15.9	20.7	72.7			2
	5	●	0320HGS5	27.9	32.7	86.7	0.7	4.0	2
	8	●	0320HGS8	34.4	39.2	92.7			2

材質 ACX70

## 本体 刃径 $\phi$ 3.3 ~ 5.0mm

寸法(mm)

刃径 DC	穴深さ (L/D)	在庫	型番	有効長 LU	フルート長 LCF	全長 OAL	先端 PL	シャンク径 DCON	Fig
3.3	3	●	MDW 0330HGS3	15.8	20.7	72.7			2
	5	●	0330HGS5	27.8	32.7	86.7	0.7	4.0	2
	8	●	0330HGS8	34.3	39.2	92.7			2
3.4	3	●	MDW 0340HGS3	15.6	20.7	72.7			2
	5	●	0340HGS5	27.6	32.7	86.7	0.7	4.0	2
	8	●	0340HGS8	34.1	39.2	92.7			2
3.5	3	●	MDW 0350HGS3	15.5	20.7	72.7			2
	5	●	0350HGS5	27.5	32.7	86.7	0.7	4.0	2
	8	●	0350HGS8	34.0	39.2	92.7			2
3.6	3	●	MDW 0360HGS3	17.8	23.2	72.7			2
	5	●	0360HGS5	31.3	36.7	86.7	0.7	4.0	2
	8	●	0360HGS8	39.3	44.7	92.7			2
3.7	3	●	MDW 0370HGS3	17.8	23.3	72.8			2
	5	●	0370HGS5	31.3	36.8	86.8	0.8	4.0	2
	8	●	0370HGS8	39.3	44.8	92.8			2
3.8	3	●	MDW 0380HGS3	17.6	23.3	72.8			2
	5	●	0380HGS5	31.1	36.8	86.8	0.8	4.0	2
	8	●	0380HGS8	39.1	44.8	92.8			2
3.9	3	●	MDW 0390HGS3	17.5	23.3	72.8			2
	5	●	0390HGS5	31.0	36.8	86.8	0.8	4.0	2
	8	●	0390HGS8	39.0	44.8	92.8			2
4.0	3	●	MDW 0400HGS3	17.3	23.3	72.8			2
	5	●	0400HGS5	30.8	36.8	86.8	0.8	4.0	2
	8	●	0400HGS8	38.8	44.8	92.8			2
4.1	3	●	MDW 0410HGS3	19.7	25.8	80.8			2
	5	●	0410HGS5	34.7	40.8	98.8	0.8	5.0	2
	8	●	0410HGS8	44.2	50.3	105.8			2
4.2	3	●	MDW 0420HGS3	19.6	25.9	80.9			2
	5	●	0420HGS5	34.6	40.9	98.9	0.9	5.0	2
	8	●	0420HGS8	44.1	50.4	105.9			2
4.3	3	●	MDW 0430HGS3	19.5	25.9	80.9			2
	5	●	0430HGS5	34.5	40.9	98.9	0.9	5.0	2
	8	●	0430HGS8	44.0	50.4	105.9			2
4.4	3	●	MDW 0440HGS3	19.3	25.9	80.9			2
	5	●	0440HGS5	34.3	40.9	98.9	0.9	5.0	2
	8	●	0440HGS8	43.8	50.4	105.9			2
4.5	3	●	MDW 0450HGS3	19.2	25.9	80.9			2
	5	●	0450HGS5	34.2	40.9	98.9	0.9	5.0	2
	8	●	0450HGS8	43.7	50.4	105.9			2
4.6	3	●	MDW 0460HGS3	21.6	28.5	81.0			2
	5	●	0460HGS5	38.1	45.0	99.0	1.0	5.0	2
	8	●	0460HGS8	49.1	56.0	106.0			2
4.7	3	●	MDW 0470HGS3	21.5	28.5	81.0			2
	5	●	0470HGS5	38.0	45.0	99.0	1.0	5.0	2
	8	●	0470HGS8	49.0	56.0	106.0			2
4.8	3	●	MDW 0480HGS3	21.3	28.5	81.0			2
	5	●	0480HGS5	37.8	45.0	99.0	1.0	5.0	2
	8	●	0480HGS8	48.8	56.0	106.0			2
4.9	3	●	MDW 0490HGS3	21.2	28.5	81.0			2
	5	●	0490HGS5	37.7	45.0	99.0	1.0	5.0	2
	8	●	0490HGS8	48.7	56.0	106.0			2
5.0	3	●	MDW 0500HGS3	21.0	28.5	81.0			2
	5	●	0500HGS5	37.5	45.0	99.0	1.0	5.0	2
	8	●	0500HGS8	48.5	56.0	106.0			2

材質 ACX70

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