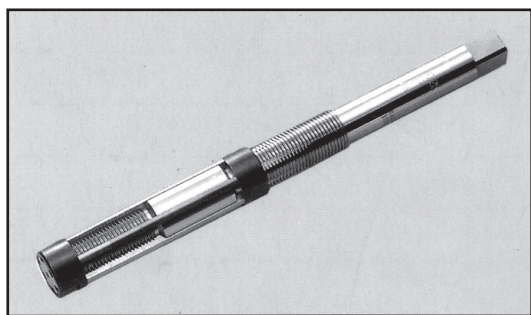




傳真 02-2999-0869



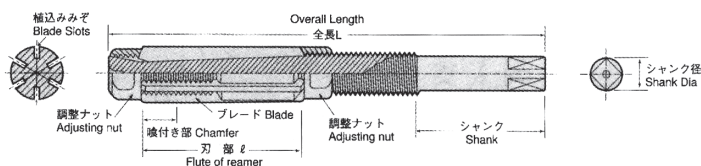
- 【特 徴】(1) 切削輕快 (2) 耐久力絶大 (3) 安全切削
 (4) 仕上面最高 (5) 精度的確 (6) 替刃自由自在

調整式絞刀

HFT Adjustable Reamers



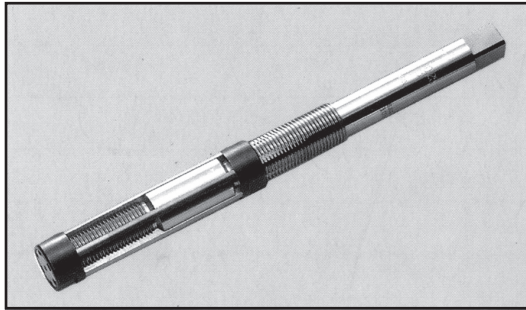
規 格	調整範圍	全長(mm)	刃長(mm)	刃數(支)	單 價	
8A	6.35 - 7.15	83	35	4	1,940	00
7A	7.15 - 7.95	90	35	4	1,940	00
6A	7.95 - 8.70	107	39	4	1,940	00
5A	8.70 - 9.50	112	39	4	1,940	00
4A	9.50 - 10.25	121	38	6	2,000	00
3A	10.25 - 11.00	127	38	6	2,000	00
2A	11.0 - 12.00	134	42	6	2,050	00
A	12.00 - 13.50	141	42	6	2,050	00
B	13.50 - 15.00	146	45	6	2,080	00
C	15.00 - 16.75	166	53	6	2,150	00
D	16.75 - 18.25	172	56	6	2,400	00
E	18.25 - 19.75	178	64	6	2,580	00
F	19.75 - 21.50	188	67	6	2,800	00
G	21.50 - 23.75	204	76	6	3,000	00
H	23.75 - 27.00	230	83	6	3,420	00
I	27.00 - 30.25	254	86	6	3,840	00
J	30.25 - 34.25	280	98	6	4,730	00
K	34.25 - 38.00	305	109	6	5,720	00
L	38.00 - 46.00	356	113	6	8,200	00
M	46.00 - 56.00	407	128	6	13,300	00
N	56.00 - 70.00	457	128	6	22,900	00
O	70.00 - 85.00	509	135	6	36,500	00



Unique Quality At World Standard

Adjustable Reamers *Made in Japan*

F.P. アジャスタブルリーマー Adjustable Reamers



【特徴】(1) 切削軽快 (2) 耐久力絶大 (3) 安全切削
 (4) 仕上面最高 (5) 精度的確 (6) 替刃自由自在
F.P. Adjustable Reamer is

(1) not to be cranky. (2) to have the greatest durability.
 (3) to be sharp. (4) to have the beautiful surface.
 (5) to be surprisingly precise.
 (6) and to replace a spare blade at will.

調整式絞刀 **F.P.** Dedicated to Reamer Distribution Worldwide!
F.P. Trading Co., Ltd.

規格 Size	調整範囲 Range of Adjustment (mm)	全長 (mm) Overall Length	刃長 Blade Length	柄径部份		刃数 No. of Blades	(支) 単 價	
				角幅 Size of Square	柄径 Shank Dia.			
AR 8A	6.35 ~ 7.15	83	35	2.8	3.6	4	2,150	00
AR 7A	7.15 ~ 7.95	91	35	3.2	4.0	4	2,150	00
AR 6A	7.95 ~ 8.70	107	38	4.0	5.0	4	2,150	00
AR 5A	8.70 ~ 9.50	112	38	4.0	5.0	4	2,150	00
AR 4A	9.50 ~ 10.25	121	38	4.0	5.4	6	2,200	00
AR 3A	10.25 ~ 11.00	127	38	4.5	6.0	6	2,200	00
AR 2A	11.00 ~ 12.00	134	42	5.5	6.9	6	2,250	00
AR A	12.00 ~ 13.50	141	42	5.5	7.3	6	2,250	00
AR B	13.50 ~ 15.00	146	45	6.5	8.2	6	2,300	00
AR C	15.00 ~ 16.75	166	53	7.0	9.0	6	2,300	00
AR D	16.75 ~ 18.25	172	56	8.0	10.5	6	2,700	00
AR E	18.25 ~ 19.75	178	64	9.0	11.8	6	2,900	00
AR F	19.75 ~ 21.50	188	67	10.0	13.3	6	3,050	00
AR G	21.50 ~ 23.75	204	76	12.0	14.8	6	3,400	00
AR H	23.75 ~ 27.00	230	83	13.0	16.4	6	3,900	00
AR I	27.00 ~ 30.25	254	86	15.0	19.0	6	4,300	00
AR J	30.25 ~ 34.25	280	98	15.0	19.0	6	5,300	00
AR K	34.25 ~ 38.00	305	109	17.0	22.0	6	6,200	00
AR L	38.00 ~ 46.00	356	113	21.0	27.0	6	9,100	00
AR M	46.00 ~ 56.00	407	128	26.0	34.0	6	15,000	00

使用上の注意

- ① 切削開始時及び特に切削後、必ず右廻しで使用して下さい。
- ② ナットは適当に強く締付けて使用して下さい。基本的な締付比は先端側ナット 1 : シャンク側 9
- ③ 刃の移動時は、溝に異物のないように、キレイにして下さい。
- ④ 鑄造材料以外の材料には切削油を用いると結果がよくなります。
- ⑤ リーマ代は少ない程よいが、通常はφ 0.05 ~ φ 0.15mm が適当です。
- ⑥ 機械掛として用いる場合は、回転をこく落し十分に切削油を用い、穴径の拡大代はできる限り少なめにして下さい。
- ⑦ ナットは双方共通に使用できます。



傳真 02-2999-0869

ピンゲートリーマ

テーパ刃

PGR

スプール用リーマ

模具加工専用刀具

SINCE 1935



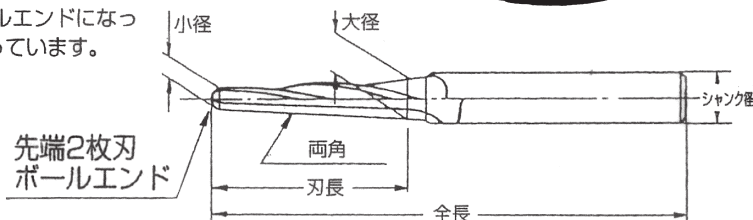
4枚刃、右刃右ねじれ。

ピンゲートの穴仕上用に設計されています。止り穴用に先端がボールエンドになっています。加工中に切粉がスムーズに放出するように右ネジレになっています。



PGR

4枚刃



先端R型灌嘴絞刀

SKH-56 高鉬鋼

先端R R	斜角度 Taper	刃長 Cutting Length	端径 Max. Cut. Dia.	全長 Overall Length	柄径 Shank dia.	単 價	
0.75	1 deg.	30	2.03	80	6	3,600	00
0.75	2 deg.	30	2.52	80	6	3,600	00
0.75	3 deg.	30	3.03	80	6	3,600	00
0.75	5 deg.	30	4.06	80	6	3,600	00
1.00	1 deg.	40	2.70	90	6	3,000	00
1.00	3 deg.	40	4.04	90	6	3,000	00
1.00	4 deg.	40	4.72	90	6	3,000	00
1.00	1 deg.	70	3.23	120	6	3,400	00
1.00	1 deg.	120	4.10	170	6	5,100	00
1.00	2 deg.	120	6.19	170	6	5,300	00
1.00	3 deg.	120	8.29	170	8	5,300	00
1.00	5 deg.	120	12.50	170	12	5,700	00
1.25	4 deg.	60	6.69	110	6	4,500	00
1.50	1 deg.	45	3.79	95	6	3,300	00
1.50	3 deg.	80	7.11	130	8	3,600	00
1.50	4 deg.	80	8.48	130	8	4,100	00
1.50	1 deg.	130	5.28	180	6	5,100	00
1.50	3 deg.	130	9.81	180	10	5,500	00
1.50	4 deg.	130	12.09	180	12	5,800	00
2.00	1 deg.	50	4.88	100	6	3,300	00
2.00	4 deg.	50	7.35	100	8	3,800	00
2.00	3 deg.	130	10.70	180	10	5,300	00
2.00	4 deg.	130	12.93	180	12	5,600	00
2.50	1 deg.	100	6.75	150	6	4,500	00
2.50	2 deg.	100	8.40	150	8	4,500	00
2.50	3 deg.	100	10.10	150	10	4,500	00
2.50	1 deg.	150	7.63	200	8	6,300	00
2.50	2 deg.	150	10.24	200	10	6,500	00
2.50	3 deg.	150	12.72	200	12	6,500	00

NP ストレートシャンク・チャッキングリーマー Chucking Reamers with Straight Shank



■短刃型
Straight flutes length type
■直柄
Straight shank

直柄螺旋刃機械絞刀

Spiral Chucking Reamers with Straight Shank



刃 径 ϕD Diameter	柄 径 ϕd Diameter	刃 長 l Blade Length (mm)	全 長 L Overall Length (mm)	刃 数 Nos. of Blades	単 位	単 價	
2.0	2.0	11	49	4	支	1,150	00
2.5	2.5	14	57	4	支	1,150	00
3.0	3.0	15	61	4	支	870	00
3.5	3.5	15	61	4	支	945	00
4.0	4.0	19	75	6	支	870	00
4.5	4.5	21	80	6	支	945	00
5.0	5.0	23	86	6	支	870	00
5.5	5.0	26	93	6	支	1,080	00
6.0	6.0	26	93	6	支	980	00
6.5	6.0	26	93	6	支	1,140	00
7.0	6.0	31	109	6	支	1,140	00
7.5	6.0	31	109	6	支	1,320	00
8.0	8.0	33	117	6	支	1,220	00
8.5	8.0	33	117	6	支	1,490	00
9.0	8.0	36	125	6	支	1,370	00
9.5	8.0	36	125	6	支	1,580	00
10.0	10.0	38	133	6	支	1,470	00
10.5	10.0	38	133	6	支	1,820	00
11.0	10.5	41	142	6	支	1,650	00
11.5	11.0	41	142	6	支	2,070	00
12.0	11.0	44	151	6	支	1,890	00
13.0	12.0	44	151	6	支	2,130	00
14.0	13.0	47	160	6	支	2,490	00
15.0	14.0	50	162	6	支	2,780	00
16.0	14.0	52	170	6	支	3,120	00
17.0	16.0	54	175	6	支	3,570	00
18.0	16.0	56	182	6	支	4,000	00
19.0	18.0	58	189	6	支	4,500	00
20.0	18.0	60	195	6	支	4,900	00



ストレートシャンク・チャッキングリーマー

Chuckling Reamers
with Straight Shank



Straight flutes
Straight shank
Spiral flutes



Straight shank

Chuckling Reamers with Straight Shanks

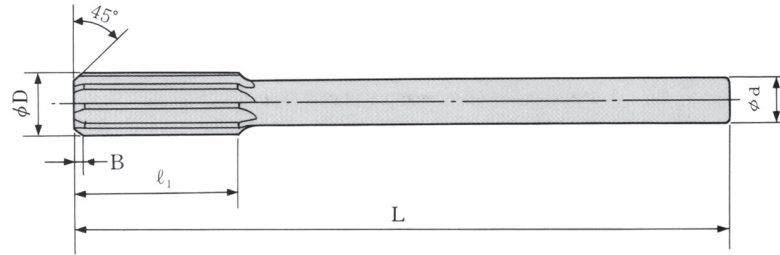
長柄一直刃刃機械絞刀

SKH51 高速鋼

刃径	刃長	全長	柄径	刃数	単價
2.9	30	110	2.5	6	2,240 00
3.3	30	110	2.8	6	2,000 00
3.4	30	110	2.8	6	2,000 00
3.7	30	110	3.5	6	1,890 00
3.9	30	110	3.5	6	1,890 00
4.3	30	120	3.5	6	1,890 00
4.4	30	120	3.5	6	1,890 00
4.7	30	120	4.0	6	1,720 00
4.9	30	120	4.0	6	1,640 00
5.1	30	120	4.0	6	1,640 00
5.4	30	120	4.5	6	1,720 00
5.6	30	120	4.5	6	1,720 00
5.7	30	130	5.0	6	1,720 00
5.9	30	130	5.0	6	1,720 00
6.0	30	130	5.0	6	1,560 00
6.3	35	130	5.0	6	1,850 00
6.4	35	130	5.0	6	1,850 00

刃径	刃長	全長	柄径	刃数	単價
6.6	35	130	5.0	6	1,850 00
6.8	35	140	6.0	6	1,850 00
6.9	35	140	6.0	6	1,850 00
7.0	35	140	6.0	6	1,680 00
7.2	35	140	6.0	6	1,850 00
7.3	35	140	6.0	6	1,850 00
7.4	35	140	6.0	6	1,850 00
7.6	35	140	6.0	6	1,850 00
7.7	40	150	6.0	6	1,850 00
7.8	40	150	6.0	6	1,850 00
7.9	40	150	6.0	6	1,850 00
8.0	40	150	6.0	6	1,680 00
8.2	40	150	7.0	6	1,940 00
8.3	40	150	7.0	6	1,940 00
8.4	40	150	7.0	6	1,940 00
8.5	40	150	7.0	6	1,760 00
8.6	40	150	7.0	6	1,940 00
8.7	40	160	7.0	6	1,940 00

FP ストレートシャンク・チャッキングリーマー Chucking Reamers with Straight Shank



SKH51 高速鋼

長柄一直刃刃機械絞刀

刃径	刃長	全長	柄径	刃数	単價	刃径	刃長	全長	柄径	刃数	単價
8.8	40	160	7.0	6	1,940 00	12.0	45	170	9.0	6	1,920 00
8.9	40	160	7.0	6	1,940 00	12.1	45	170	9.0	6	2,440 00
9.0	40	160	7.0	6	1,760 00	12.2	45	180	9.0	6	2,440 00
9.1	40	160	7.0	6	1,940 00	12.3	45	180	9.0	6	2,440 00
9.2	40	160	7.0	6	1,940 00	12.4	45	180	9.0	6	2,440 00
9.3	40	160	7.0	6	1,940 00	12.5	45	180	9.0	6	2,210 00
9.4	40	160	7.0	6	1,940 00	12.6	45	180	9.0	6	2,440 00
9.6	40	160	7.0	6	1,980 00	12.7	45	180	10.0	8	2,440 00
9.7	40	160	8.0	6	1,980 00	12.8	45	180	10.0	8	2,440 00
9.8	40	160	8.0	6	1,980 00	12.9	45	180	10.0	8	2,440 00
9.9	40	160	8.0	6	1,980 00	13.0	45	180	10.0	8	2,210 00
10.0	40	160	8.0	6	1,810 00	14.0	50	190	10.0	8	2,210 00
10.4	40	160	8.0	6	2,120 00	14.5	50	200	11.0	8	2,480 00
10.7	45	170	8.0	6	2,120 00	15.0	50	200	11.0	8	2,480 00
10.8	45	170	8.0	6	2,120 00	16.0	50	200	12.0	8	2,630 00
10.9	45	170	8.0	6	2,120 00	17.0	55	200	12.0	8	3,130 00
11.0	45	170	8.0	6	1,920 00	17.5	55	220	14.0	8	3,130 00
11.2	45	170	9.0	6	2,120 00	18.0	55	220	14.0	8	3,130 00
11.3	45	170	9.0	6	2,120 00	18.5	55	220	14.0	8	3,640 00
11.4	45	170	9.0	6	2,120 00	19.0	55	220	14.0	8	3,640 00
11.6	45	170	9.0	6	2,120 00	19.5	55	220	14.0	8	3,640 00
11.7	45	170	9.0	6	2,120 00	20.0	60	230	14.0	8	3,640 00
11.8	45	170	9.0	6	2,120 00	25.0	65	260	20.0	10	4,910 00
11.9	45	170	9.0	6	2,120 00	30.0	70	280	20.0	10	6,060 00

High Speed Steel Reamers



Taper Pin Reamers (1 : 48 Taper)



Straight flutes shank
square for finishing
Straight flutes shank
square for finishing

1/48テーパピンリーマ

推拔刃（斜鍵）絞刀

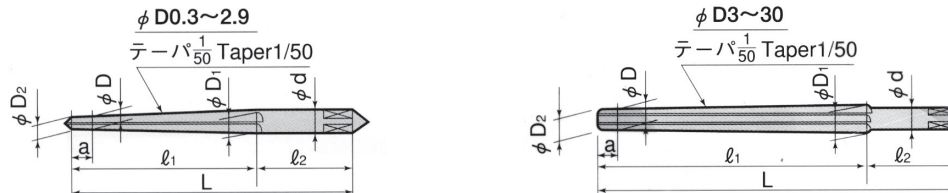
(SKH51)

型號	先端	粗徑	刃長	全長	軸徑	刃數	直刃型單價		螺旋刃型單價	
3/0	2.61	3.30	33.3	59	3.57	6	800	00	900	00
2/0	2.89	3.72	39.7	65	3.96	6	750	00	850	00
0	3.27	4.16	42.9	75	4.36	6	750	00	850	00
1	3.68	4.57	42.9	75	4.76	6	800	00	900	00
2	4.08	5.11	49.2	81	5.15	6	850	00	950	00
3	4.61	5.83	58.7	94	5.95	6	950	00	1,050	00
4	5.26	6.62	65.1	103	6.74	6	1,050	00	1,150	00
5	6.12	7.61	71.5	110	7.93	6	1,200	00	1,320	00
6	7.04	8.99	93.7	138	9.12	6	1,400	00	1,540	00
7	8.37	10.72	112.7	160	10.31	6	1,890	00	2,080	00
8	10.09	12.84	131.8	183	11.11	8	2,800	00	3,100	00
9	12.21	15.42	154	211	14.28	8	4,200	00	4,600	00
10	14.73	18.33	173	237	15.87	8	5,400	00	6,000	00
11	17.93	22.31	210	285	19	8	11,000	00	12,000	00
12	21.39	26.68	254	340	22	8	18,000	00	19,800	00
13	25.63	31.98	305	405	25.5	10	25,000	00		
14	31.75	39.146	355	463	32.5	10	39,900	00		

Layer Taper Pin-Reamers

F.P. レーザーテーパピンリーマー (1/50) Cobalt High-Speed-Steel

Laser Taper Pin-Reamers (1/50)



耐久力向上

コバルトハイス鋼使用 (難削材加工可能)

推抜刃絞刀

HSS-CO 鈷鋼

(1/50)

規格 φ D	小端直径	大端直径	刃長	全長	柄径	柄長	φ D位置	刃数	直型刃単價		螺絲刃単價	
1.0m/m	0.90	1.46	28	46	2.0	14	5	4	1,600	00		
1.2m/m	1.10	1.74	32	50	2.5	14	5	4	1,500	00		
1.5m/m	1.40	2.14	37	57	2.5	15	5	4	1,200	00		
2.0m/m	1.90	2.86	48	68	3.0	15	5	4	1,120	00		
2.5m/m	2.40	3.36	48	68	3.0	20	5	4	1,120	00		
3.0m/m	2.90	4.16	63	85	4.0	22	5	6	1,120	00	1,250	00
4.0m/m	3.90	5.42	76	100	5.0	24	5	6	1,150	00	1,300	00
5.0m/m	4.90	6.56	83	110	6.0	27	5	6	1,500	00	1,600	00
6.0m/m	5.90	8.00	105	135	8.0	30	5	6	1,720	00	1,900	00
7.0m/m	6.90	9.24	117	152	8.0	35	5	6	1,920	00	2,150	00
8.0m/m	7.90	10.80	145	180	10.0	35	5	6	2,900	00	3,150	00
9.0m/m	8.90	12.00	155	190	12.0	35	5	6	3,900	00	4,300	00
10.0m/m	9.90	13.40	175	215	12.0	40	5	6	4,100	00	4,500	00
11.0m/m	10.80	14.30	175	215	12.0	40	10	8	5,500	00	6,000	00
12.0m/m	11.80	15.60	190	230	14.0	40	10	8	6,500	00	7,100	00

超精密テーパピン穴仕上加工用リーマー



傳真 02-2999-0869

COR



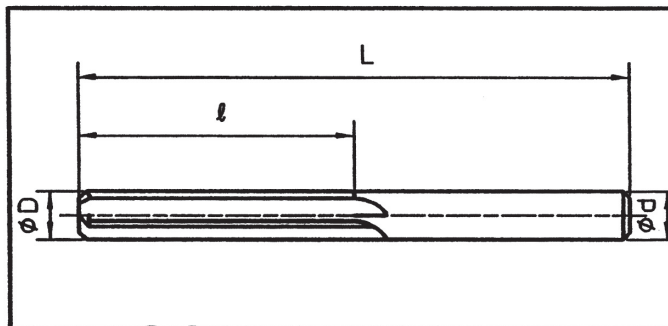
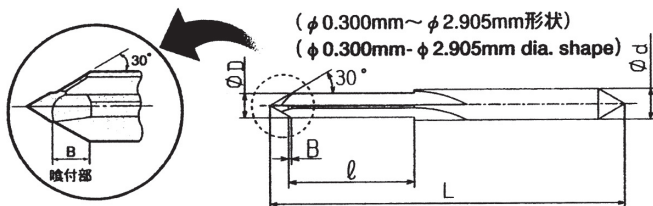
Carbide Reamers



●材質/超硬

Solide Carbide Reamers

DAIICHI TOOL



刃径公差(Tolerance) ϕ D=0~+0.005mm (J5)

F. P. 超硬リーマー 全鎢鋼超硬手絞刀

規格	刃長	全長	柄徑	刃數	單價
2.0 m/m	25	50	2.0	4	1,500 00
2.1	25	50	2.1	4	1,800 00
2.2	25	50	2.2	4	1,800 00
2.3	25	50	2.3	4	1,800 00
2.4	25	50	2.4	4	1,800 00
2.5	25	50	2.5	4	1,800 00
2.6	25	50	2.6	4	2,000 00
2.7	25	50	2.7	4	2,000 00
2.8	25	50	2.8	4	2,000 00
2.9	30	60	2.9	4	2,000 00
3.0	30	60	3.0	4	2,900 00
3.1	30	60	3.1	4	3,200 00
3.2	30	60	3.2	4	3,200 00
3.3	30	60	3.3	4	3,200 00
3.4	30	60	3.4	4	3,200 00
3.5	30	60	3.5	4	3,200 00
3.6	30	60	3.6	4	3,300 00
3.7	35	70	3.7	4	3,300 00
3.8	35	70	3.8	4	3,300 00
3.9	35	70	3.9	4	3,300 00
4.0	35	70	4.0	6	3,300 00
4.1	35	70	4.1	6	3,690 00
4.2	35	70	4.2	6	3,690 00
4.3	35	70	4.3	6	3,690 00
4.4	35	70	4.4	6	3,690 00
4.5	35	70	4.5	6	3,690 00

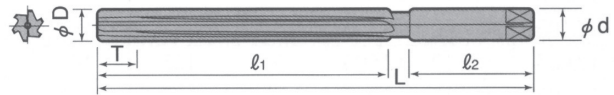
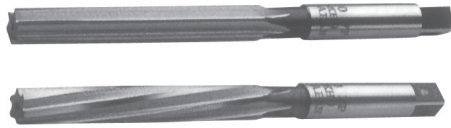
規格	刃長	全長	柄徑	刃數	單價
4.6	35	70	4.6	6	3,980 00
4.7	40	80	4.7	6	3,980 00
4.8	40	80	4.8	6	3,980 00
4.9	40	80	4.9	6	3,980 00
5.0	40	80	5.0	6	4,800 00
5.1	40	80	5.1	6	4,800 00
5.2	40	80	5.2	6	4,800 00
5.3	40	80	5.3	6	4,800 00
5.4	40	80	5.4	6	4,800 00
5.5	40	80	5.5	6	4,800 00
5.6	40	80	5.6	6	4,800 00
5.7	45	90	5.7	6	4,800 00
5.8	45	90	5.8	6	4,800 00
5.9	45	90	5.9	6	4,800 00
6.0	45	90	6.0	6	4,800 00
6.1~6.5	35	80	7.0	6	5,630 00
6.6~7.0	35	80	7.0	6	6,780 00
7.1~7.5	35	80	8.0	6	7,760 00
7.6~8.0	35	80	8.0	6	8,930 00
8.1~8.5	40	90	9.0	6	10,190 00
8.6~9.0	40	90	9.0	6	11,600 00
9.1~9.5	40	90	10.0	6	12,600 00
9.6~10.0	40	90	10.0	6	12,600 00
10.5~11.0	40	90	11.0	6	16,500 00
11.1~12.0	45	90	12.0	6	19,200 00

FP ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

High Speed Steel



刃 径 ϕD Diameter	刃 長 l Blade Length (mm)	全 長 L Overall Length (mm)	刃 数 Nos. of Blades	単 位	直刃型単價		螺旋刃型単價	
2.0	30	60	4	支	775	00	850	00
2.5	35	65	4	支	795	00	875	00
3.0	40	72	6	支	660	00	725	00
3.5	40	75	6	支	715	00	785	00
4.0	40	80	6	支	660	00	725	00
4.5	45	85	6	支	715	00	785	00
5.0	45	90	6	支	660	00	725	00
5.5	45	95	6	支	795	00	875	00
6.0	50	100	6	支	725	00	800	00
6.5	50	100	6	支	830	00	915	00
7.0	55	105	6	支	775	00	850	00
7.5	55	110	6	支	955	00	1,050	00
8.0	60	115	6	支	875	00	970	00
8.5	60	120	6	支	1,060	00	1,165	00
9.0	65	125	6	支	980	00	1,080	00
9.5	65	125	6	支	1,140	00	1,255	00
10.0	70	130	6	支	1,035	00	1,140	00
11.0	75	140	6	支	1,165	00	1,280	00
12.0	75	150	6	支	1,325	00	1,455	00
13.0	80	160	8	支	1,495	00	1,645	00
14.0	85	165	8	支	1,740	00	1,910	00
15.0	90	175	8	支	1,945	00	2,140	00
16.0	95	185	8	支	2,175	00	2,400	00
17.0	100	190	8	支	2,500	00	2,750	00
18.0	105	200	8	支	2,775	00	3,050	00
19.0	105	210	8	支	3,155	00	3,470	00
20.0	110	220	8	支	3,405	00	3,745	00
21.0	120	230	8	支	3,535	00	3,890	00
22.0	120	235	8	支	3,830	00	4,210	00
23.0	130	250	8	支	4,175	00	4,590	00
24.0	130	255	8	支	4,625	00	5,090	00
25.0	130	260	8	支	5,085	00	5,590	00
26.0	140	270	10	支	5,615	00	6,180	00



傳真 02-2999-0869



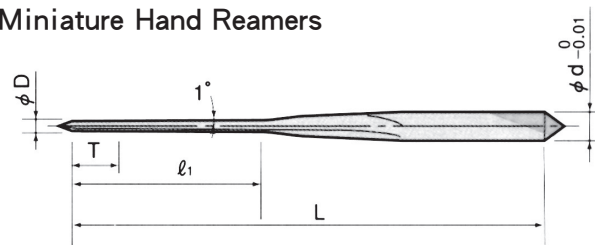
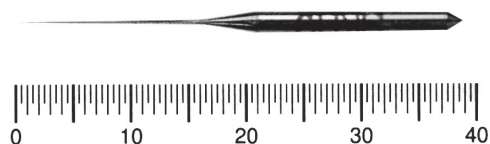
ハンドリーマー

小径手絞刀

Hand Reamers

ミニチュアハンドリーマー

Miniature Hand Reamers



規格	刃長	柄長	全長	刃數	單價
0.40~0.49	12	14	30	4	4,005 00
0.5	12	14	30	4	2,420 00
0.51~0.59	12	14	30	4	3,150 00
0.6	12	14	30	4	2,255 00
0.61~0.69	12	14	30	4	2,915 00
0.7	12	14	30	4	2,090 00

規格	刃長	柄長	全長	刃數	單價
0.71~0.79	15	15	35	4	2,620 00
0.8	15	15	35	4	1,980 00
0.81~0.89	15	15	35	4	2,420 00
0.9	20	15	40	4	1,760 00
0.91~0.99	20	15	40	4	2,310 00

スタンダードハンドリーマー Standard Hand reamers

SHK51 高速鋼

刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀



DAIICHI TOOL

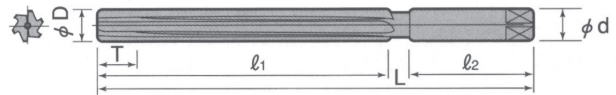
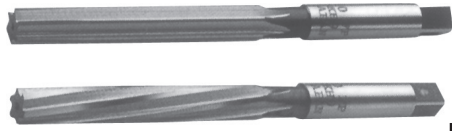
刃径 ϕD	刃長	柄径	全長	刃數	單位	直刃型單價	螺旋刃型單價
1.0	20	2	40	4	支	1,005 00	
1.01~1.09	"	"	"	"	支	1,505 00	
1.1	"	"	"	"	支	1,175 00	
1.11~1.19	"	"	"	"	支	1,505 00	
1.2	20	"	45	"	支	1,175 00	
1.21~1.29	"	"	"	"	支	1,505 00	
1.3	"	"	"	"	支	1,175 00	
1.31~1.39	"	"	"	"	支	1,505 00	
1.4	"	"	"	"	支	1,175 00	
1.41~1.49	"	"	"	"	支	1,505 00	
1.5	22	3	50	"	支	1,200 00	
1.51~1.59	"	"	"	"	支	1,420 00	
1.6	"	"	"	"	支	1,200 00	
1.61~1.69	"	"	"	"	支	1,420 00	
1.7	"	"	"	"	支	1,200 00	
1.71~1.79	25	"	"	"	支	1,420 00	
1.8	"	"	50	"	支	1,200 00	
1.81~1.89	"	"	"	"	支	1,420 00	
1.9	"	"	60	"	支	1,200 00	
1.91~1.99	30	"	"	"	支	1,420 00	
2.01~2.09	"	"	"	"	支	1,280 00	
2.1	"	"	"	"	支	1,045 00	
2.11~2.19	"	"	"	"	支	1,280 00	
2.2	"	"	"	"	支	1,045 00	

NP ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 $-0.02\text{mm} \sim -0.05\text{mm}$
(小数点以下2桁目は切捨)

刃径 ϕD	刃長	柄長	全長	刃数	単位	直刃型単價	螺旋刃型単價
2.21~2.29	30	23	60	6	支	1,280 00	
2.3	"	"	"	"	支	1,045 00	
2.31~2.39	"	"	"	"	支	1,280 00	
2.4	35	"	65	"	支	1,045 00	
2.41~2.49	"	"	"	"	支	1,280 00	
2.51~2.59	"	"	"	"	支	1,180 00	
2.6	"	"	"	"	支	960 00	
2.61~2.69	"	"	"	"	支	1,180 00	
2.7	"	"	"	"	支	960 00	
2.71~2.79	"	"	"	"	支	1,180 00	
2.8	"	"	"	"	支	960 00	
2.81~2.89	"	"	"	"	支	1,180 00	
2.9	40	"	72	"	支	960 00	
2.91~2.99	"	"	"	"	支	1,180 00	
3.01~3.09	"	"	"	"	支	1,055 00	
3.1	"	"	"	"	支	850 00	
3.11~3.19	"	26	"	"	支	1,055 00	
3.2	"	"	75	"	支	850 00	
3.21~3.29	"	"	"	"	支	1,055 00	
3.3	"	"	"	"	支	850 00	
3.31~3.39	"	"	"	"	支	1,055 00	
3.4	"	"	"	"	支	850 00	
3.41~3.49	"	"	"	"	支	1,055 00	
3.51~3.59	"	"	"	"	支	1,055 00	
3.6	"	"	"	"	支	850 00	
3.61~3.69	"	"	"	"	支	1,055 00	
3.7	"	30	80	"	支	850 00	
3.71~3.79	"	"	"	"	支	1,055 00	
3.8	"	"	"	"	支	850 00	
3.81~3.89	"	"	"	"	支	1,055 00	
3.9	"	"	"	"	支	850 00	
3.91~3.99	"	"	"	"	支	1,055 00	
4.01~4.09	"	"	"	"	支	1,055 00	
4.1	"	"	"	"	支	850 00	
4.11~4.19	45	"	"	"	支	1,055 00	
4.2	"	"	85	"	支	850 00	
4.21~4.29	"	"	"	"	支	1,055 00	
4.3	"	"	"	"	支	850 00	
4.31~4.39	"	"	"	"	支	1,055 00	
4.4	"	"	"	"	支	850 00	
4.41~4.49	"	"	"	"	支	1,055 00	

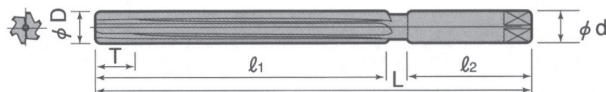
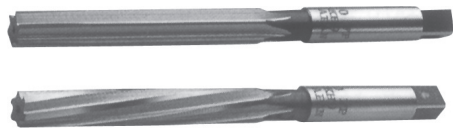


ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 $-0.02\text{mm} \sim -0.05\text{mm}$
(小数点以下2桁目は切捨)

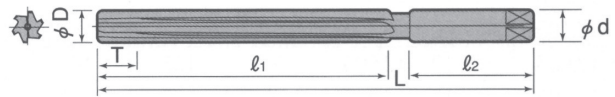
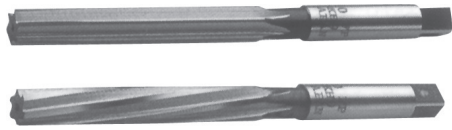
刃径 ϕD	刃長	柄長	全長	刃数	単位	直刃型単價	螺旋刃型単價
4.51~4.59	45	30	85	6	支	1,055 00	
4.6	"	"	"	"	支	850 00	
4.61~4.69	"	35	90	"	支	1,055 00	
4.7	"	"	"	"	支	850 00	
4.71~4.79	"	"	"	"	支	1,055 00	
4.8	"	"	"	"	支	850 00	
4.81~4.89	"	"	"	"	支	1,055 00	
4.9	"	"	"	"	支	850 00	
4.91~4.99	"	"	"	"	支	1,055 00	
5.01~5.09	"	"	"	"	支	1,150 00	
5.1	"	"	"	"	支	970 00	
5.11~5.19	"	38	95	"	支	1,150 00	
5.2	"	"	"	"	支	970 00	
5.21~5.29	"	"	"	"	支	1,150 00	
5.3	"	"	"	"	支	970 00	
5.31~5.39	"	"	"	"	支	1,150 00	
5.4	"	"	"	"	支	970 00	
5.41~5.49	"	"	"	"	支	1,150 00	
5.51~5.59	"	"	"	"	支	1,150 00	
5.6	"	"	"	"	支	970 00	
5.61~5.69	50	"	100	"	支	1,150 00	
5.7	"	"	"	"	支	970 00	
5.71~5.79	"	"	"	"	支	1,150 00	
5.8	"	"	"	"	支	970 00	
5.81~5.89	"	"	"	"	支	1,150 00	
5.9	"	"	"	"	支	970 00	
5.91~5.99	"	"	"	"	支	1,150 00	
6.01~6.09	"	"	"	"	支	1,290 00	
6.1	"	"	"	"	支	1,045 00	
6.11~6.19	"	"	"	"	支	1,290 00	
6.2	"	"	"	"	支	1,045 00	
6.21~6.29	"	"	"	"	支	1,290 00	
6.3	"	"	"	"	支	1,045 00	
6.31~6.39	"	"	"	"	支	1,290 00	
6.4	"	"	"	"	支	1,045 00	
6.41~6.49	"	"	"	"	支	1,290 00	
6.51~6.59	"	"	"	"	支	1,290 00	
6.6	"	"	"	"	支	1,045 00	
6.61~6.69	"	"	"	"	支	1,290 00	
6.7	55	"	105	"	支	1,045 00	

NP ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 $-0.02\text{mm} \sim -0.05\text{mm}$
(小数点以下2桁目は切捨)

刃径 ϕD	刃長	柄長	全長	刃数	単位	直刃型単價	螺旋刃型単價
6.71~6.79	55	38	105	6	支	1,295 00	
6.8	"	"	"	"	支	1,045 00	
6.81~6.89	"	"	"	"	支	1,295 00	
6.9	"	"	"	"	支	1,045 00	
6.91~6.99	"	"	"	"	支	1,295 00	
7.01~7.09	"	"	"	"	支	1,470 00	
7.1	"	"	"	"	支	1,190 00	
7.11~7.19	"	42	"	"	支	1,470 00	
7.2	"	"	110	"	支	1,190 00	
7.21~7.29	"	"	"	"	支	1,470 00	
7.3	"	"	"	"	支	1,190 00	
7.31~7.39	"	"	"	"	支	1,470 00	
7.4	"	"	"	"	支	1,190 00	
7.41~7.49	"	"	"	"	支	1,470 00	
7.51~7.59	"	"	"	"	支	1,470 00	
7.6	"	"	"	"	支	1,190 00	
7.61~7.69	"	"	"	"	支	1,470 00	
7.7	60	"	115	"	支	1,190 00	
7.71~7.79	"	"	"	"	支	1,470 00	
7.8	"	"	"	"	支	1,190 00	
7.81~7.89	"	"	"	"	支	1,470 00	
7.9	"	"	"	"	支	1,190 00	
7.91~7.99	"	"	"	"	支	1,470 00	
8.01~8.09	"	"	"	"	支	1,660 00	
8.1	"	"	"	"	支	1,355 00	
8.11~8.19	"	45	120	"	支	1,660 00	
8.2	"	"	"	"	支	1,355 00	
8.21~8.29	"	"	"	"	支	1,660 00	
8.3	"	"	"	"	支	1,355 00	
8.31~8.39	"	"	"	"	支	1,660 00	
8.4	"	"	"	"	支	1,355 00	
8.41~8.49	"	"	"	"	支	1,660 00	
8.51~8.59	"	"	"	"	支	1,660 00	
8.6	"	"	"	"	支	1,355 00	
8.61~8.69	65	"	125	"	支	1,660 00	
8.7	"	"	"	"	支	1,355 00	
8.71~8.79	"	"	"	"	支	1,660 00	
8.8	"	"	"	"	支	1,355 00	
8.81~8.89	"	"	"	"	支	1,660 00	
8.9	"	"	"	"	支	1,355 00	
8.91~8.99	"	"	"	"	支	1,660 00	

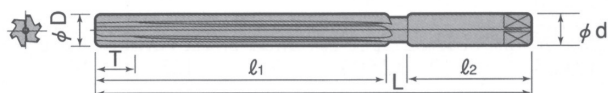


ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 -0.02mm ~ -0.05mm
(小数点以下2桁目は切捨)

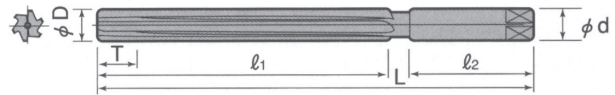
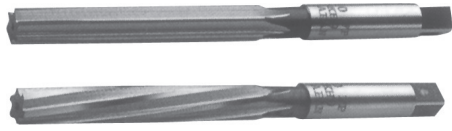
刃径 ϕD	刃長	柄長	全長	刃数	単位	直刃型単價	螺旋刃型単價
9.01~9.09	65	45	125	6	支	1,825 00	
9.1	"	"	"	"	支	1,480 00	
9.11~9.19	"	"	"	"	支	1,825 00	
9.2	"	"	"	"	支	1,480 00	
9.21~9.29	"	"	"	"	支	1,825 00	
9.3	"	"	"	"	支	1,480 00	
9.31~9.39	"	"	"	"	支	1,825 00	
9.4	"	"	"	"	支	1,480 00	
9.41~9.49	"	"	"	"	支	1,825 00	
9.51~9.59	"	"	"	"	支	1,825 00	
9.6	"	"	"	"	支	1,480 00	
9.61~9.69	70	"	130	"	支	1,825 00	
9.7	"	"	"	"	支	1,480 00	
9.71~9.79	"	"	"	"	支	1,825 00	
9.8	"	"	"	"	支	1,480 00	
9.81~9.89	"	"	"	"	支	1,825 00	
9.9	"	"	"	"	支	1,480 00	
9.91~9.99	"	"	"	"	支	1,825 00	
10.01~10.09	"	"	"	"	支	2,065 00	
10.1	"	"	"	"	支	1,650 00	
10.11~10.19	"	50	135	"	支	2,065 00	
10.2	"	"	"	"	支	1,650 00	
10.21~10.29	"	"	"	"	支	2,065 00	
10.3	"	"	"	"	支	1,650 00	
10.31~10.39	"	"	"	"	支	2,065 00	
10.4	"	"	"	"	支	1,650 00	
10.41~10.49	"	"	"	"	支	2,065 00	
10.5	"	"	"	"	支	1,650 00	
10.51~10.59	"	"	"	"	支	2,065 00	
10.6	"	"	"	"	支	1,650 00	
10.61~10.69	75	"	140	"	支	2,065 00	
10.7	"	"	"	"	支	1,650 00	
10.71~10.79	"	"	"	"	支	2,065 00	
10.8	"	"	"	"	支	1,650 00	
10.81~10.89	"	"	"	"	支	2,065 00	
10.9	"	"	"	"	支	1,650 00	
10.91~10.99	"	"	"	"	支	2,065 00	
11.01~11.09	"	"	"	"	支	1,885 00	
11.1	"	"	"	"	支	1,900 00	
11.11~11.19	"	54	145	"	支	1,885 00	
11.2	"	"	"	"	支	1,900 00	

NP ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 -0.02mm ~ -0.05mm
(小数点以下2桁目は切捨)

刃 径 ϕD	刃 長	柄 長	全 長	刃 数	単 位	直刃型単價	螺旋刃型単價
11.21~11.29	75	54	145	6	支	2,255 00	
11.3	"	"	"	"	支	2,255 00	
11.31~11.39	"	"	"	"	支	2,255 00	
11.4	"	"	"	"	支	2,255 00	
11.41~11.49	"	"	"	"	支	2,255 00	
11.5	"	"	"	"	支	2,255 00	
11.51~11.59	"	"	"	"	支	2,255 00	
11.6	"	"	"	"	支	2,255 00	
11.61~11.69	"	58	150	"	支	2,255 00	
11.7	"	"	"	"	支	2,255 00	
11.71~11.79	"	"	"	"	支	2,255 00	
11.8	"	"	"	"	支	2,255 00	
11.81~11.89	"	"	"	"	支	2,255 00	
11.9	"	"	"	"	支	2,255 00	
11.91~11.99	"	"	"	"	支	2,255 00	
12.01~12.05	"	"	"	"	支	2,475 00	
12.1	"	"	"	"	支	2,475 00	
12.11~12.49	80	"	155	"	支	2,475 00	
12.2	"	"	"	"	支	2,060 00	
12.3	"	"	"	"	支	2,060 00	
12.4	"	"	"	"	支	2,060 00	
12.5	"	"	"	"	支	2,060 00	
12.6	"	62	"	8	支	2,060 00	
12.7	"	"	160	"	支	2,060 00	
12.8	"	"	"	"	支	2,060 00	
12.9	"	"	"	"	支	2,060 00	
13.1	"	"	"	"	支	2,230 00	
13.2	85	"	165	"	支	2,230 00	
13.3	"	"	"	"	支	2,230 00	
13.4	"	"	"	"	支	2,230 00	
13.5	"	"	"	"	支	2,230 00	
13.6	"	"	"	"	支	2,230 00	
13.7	"	"	"	"	支	2,230 00	
13.8	"	"	"	"	支	2,230 00	
13.9	"	"	"	"	支	2,230 00	
14.1	"	"	"	"	支	2,490 00	
14.2	90	"	170	"	支	2,490 00	
14.3	"	"	"	"	支	2,490 00	
14.4	"	"	"	"	支	2,490 00	
14.5	"	"	"	"	支	2,490 00	
14.6	"	"	"	"	支	2,490 00	
14.7~14.8	"	66	175	"	支	2,490 00	

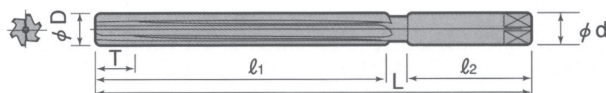


ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 $-0.02\text{mm} \sim -0.05\text{mm}$
(小数点以下2桁目は切捨)

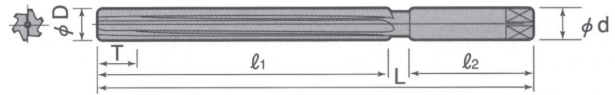
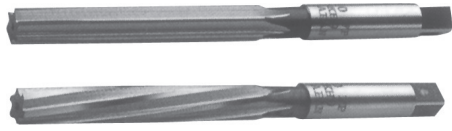
刃径 ϕD	刃長	柄長	全長	刃数	単位	直刃型単價	螺旋刃型単價
14.9	90	66	175	8	支	2,475 00	
15.1	"	"	"	"	支	2,785 00	
15.2	95	70	185	"	支	2,785 00	
15.3	"	"	"	"	支	2,785 00	
15.4	"	"	"	"	支	2,785 00	
15.5	"	"	"	"	支	2,785 00	
15.6	"	"	"	"	支	2,785 00	
15.7	"	"	"	"	支	2,785 00	
15.8	"	"	"	"	支	2,785 00	
15.9	"	"	"	"	支	2,785 00	
16.1	"	"	"	"	支	3,180 00	
16.2	100	"	190	"	支	3,180 00	
16.3	"	"	"	"	支	3,180 00	
16.4	"	"	"	"	支	3,180 00	
16.5	"	"	"	"	支	3,180 00	
16.6	"	"	"	"	支	3,180 00	
16.7	"	"	"	"	支	3,180 00	
16.8	"	"	"	"	支	3,180 00	
16.9	"	"	"	"	支	3,180 00	
17.1	"	"	"	"	支	3,585 00	
17.2	105	"	200	"	支	3,585 00	
17.3	"	"	"	"	支	3,585 00	
17.4	"	"	"	"	支	3,585 00	
17.5	"	"	"	"	支	3,585 00	
17.6	"	75	"	"	支	3,585 00	
17.7	"	"	"	"	支	3,585 00	
17.8	"	"	"	"	支	3,585 00	
17.9	"	"	"	"	支	3,585 00	

FP ハンドリーマー



Hand Reamers

スタンダードハンドリーマー Standard Hand reamers



刃径公差(Tolerance) $\phi D = \sim +0.005\text{mm}$ (J5)

HR手絞刀

シャンク径 ϕd : 刃径 $-0.02\text{mm} \sim -0.05\text{mm}$
(小数点以下2桁目は切捨)

刃 径 ϕD	刃 長	柄 長	全 長	刃 数	単 位	直刃型単價		螺旋刃型単價	
21.0	120	88	230	8	支	4,100	00	4,510	00
22.0	"	90	235	"	支	4,435	00	4,880	00
23.0	130	95	250	"	支	4,865	00	5,350	00
23.5	"	"	255	"	支	5,250	00		
24.0	"	100	"	"	支	5,325	00	5,870	00
24.5	"	"	260	"	支	5,820	00		
25.0	"	102	"	"	支	5,900	00	6,490	00
26.0	140	"	270	10	支	6,480	00	7,150	00
27.0	"	120	290	"	支	7,140	00	7,860	00
28.0	"	"	"	"	支	7,755	00	7,660	00
29.0	150	"	305	"	支	8,305	00	8,220	00
30.0	"	"	"	"	支	8,710	00	8,550	00
1/8	40	26	75	6	支	1,040	00		
5/32	40	30	80	"	支	1,040	00		
3/16	45	35	90	"	支	1,040	00		
1/4	50	38	100	"	支	1,280	00		
5/16	60	42	115	"	支	1,455	00		
3/8	65	45	125	"	支	1,805	00		
7/16	75	54	145	"	支	2,345	00		
1/2	80	62	160	8	支	2,510	00		
5/8	95	70	185	"	支	3,555	00		
3/4	105	85	210	"	支	5,555	00		
7/8	130	95	250	"	支	7,260	00		
1	140	102	270	"	支	9,680	00		

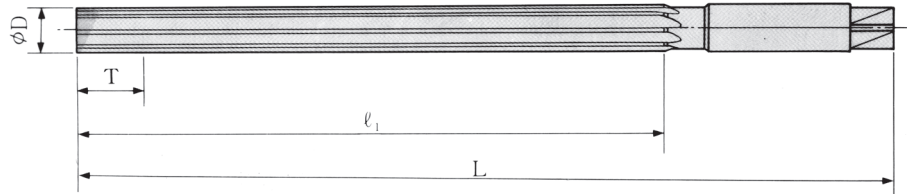


High Speed Steel Reamers



ロングハンドリーマー

Long Hand Reamers



長刃手絞刀

Straight Flute

HSS (SKH51)

刃径 φD	公差	刃長	全長	進刀長	刃數	直刀刃單價		
2	+0.007 +0.002	60	100	6	4	3,300	00	
2.5		"	"	7	"	3,015	00	
3	+0.009 +0.004	"	"	8	6	2,640	00	
3.5		"	"	"	"	2,640	00	
3.5		80	120	"	"	2,740	00	
4.0		60	100	"	"	2,445	00	
4.0		80	120	"	"	2,740	00	
4.5		"	"	"	9	"	2,740	00
5.0		100	140	"	"	3,005	00	
5.0		120	160	"	"	3,225	00	
5.5		100	140	10	"	3,005	00	
5.5		120	160	"	"	3,225	00	
6.0	100	150	"	"	2,720	00		
6.0	+0.012 +0.006	120	160	"	"	2,860	00	
6.0		150	200	"	"	3,740	00	
6.5		120	160	"	"	3,080	00	
7.0		120	160	11	"	3,080	00	
7.0		150	200	"	"	3,880	00	
8.0		150	200	12	"	3,740	00	
8.0		200	250	"	"	4,455	00	
8.5		200	250	"	"	4,785	00	
9.0		150	200	13	"	4,290	00	
9.0		200	250	"	"	4,785	00	
10.0	150	200	14	"	4,785	00		
10.0	+0.015 +0.007	200	250	"	"	5,500	00	
11.0		150	200	15	"	5,380	00	
11.0		200	250	"	"	5,855	00	
12.0		150	200	"	"	6,050	00	
12.0		200	250	"	"	7,150	00	

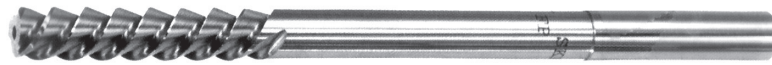
HLX



ハイ・ヘリカルリーマー



●材質/HSS-Co Heilix Reamers DAIICHI TOOL



(MIC処理) (MIC treated)
Straight Shank

High Speed Steel Reamers

高速加工用 for High-Speed

Hi-Helical Reamers

直柄拉式絞刀

HSS-CO 鈷鋼

刃径	刃長	柄長	全長	進刀長	刃數	単價	刃径	刃長	柄長	全長	進刀長	刃數	単價
2.0 m/m	13	20	60	3.0	2	1,390 00	6.0	30	35	100	7.0	3	1,230 00
2.1	"	25	"	"	"	1,390 00	6.1	"	"	"	"	"	1,230 00
2.2	"	"	"	"	"	1,390 00	6.2	"	"	"	"	"	1,230 00
2.3	15	"	"	"	"	1,390 00	6.3	"	"	"	"	"	1,230 00
2.4	"	"	"	"	"	1,390 00	6.4	"	"	"	"	"	1,230 00
2.5	"	"	"	"	"	1,390 00	6.5	"	"	"	"	"	1,230 00
2.6	20	"	"	4.0	"	1,390 00	6.6	"	"	110	"	"	1,230 00
2.7	"	"	"	"	3	1,390 00	6.7	"	"	"	"	"	1,230 00
2.8	"	"	"	"	"	1,390 00	6.8	"	"	"	"	"	1,230 00
2.9	"	"	"	"	"	1,390 00	6.9	"	"	"	"	"	1,230 00
3.0	"	"	70	"	"	1,058 00	7.0	"	"	"	"	"	1,230 00
3.1	"	"	"	"	"	1,058 00	7.1	35	"	120	8.0	"	1,330 00
3.2	"	"	"	"	"	1,058 00	7.2	"	"	"	"	3	1,330 00
3.3	"	"	"	"	"	1,058 00	7.3	"	"	"	"	"	1,330 00
3.4	"	"	"	"	"	1,058 00	7.4	"	"	"	"	"	1,330 00
3.5	"	"	"	"	"	1,058 00	7.5	"	"	"	"	"	1,330 00
3.6	22	"	75	5.0	"	1,058 00	7.6	"	"	"	"	"	1,330 00
3.7	"	"	"	"	"	1,058 00	7.7	"	"	"	"	"	1,330 00
3.8	"	"	"	"	"	1,058 00	7.8	"	"	"	"	"	1,330 00
3.9	"	"	"	"	"	1,058 00	7.9	"	"	"	"	"	1,330 00
4.0	"	"	"	"	"	1,058 00	8.0	"	"	"	"	"	1,330 00
4.1	25	"	80	6.0	"	1,058 00	8.1	"	"	125	"	"	1,470 00
4.2	"	"	"	"	"	1,058 00	8.2	"	"	"	"	"	1,470 00
4.3	"	"	"	"	"	1,058 00	8.3	"	"	"	"	"	1,470 00
4.4	"	"	"	"	"	1,058 00	8.4	"	"	"	"	"	1,470 00
4.5	"	30	"	"	"	1,058 00	8.5	"	"	"	"	"	1,470 00
4.6	"	"	85	"	"	1,058 00	8.6	"	"	135	"	"	1,470 00
4.7	"	"	"	"	"	1,058 00	8.7	"	"	"	"	"	1,470 00
4.8	"	"	"	"	"	1,058 00	8.8	"	"	"	"	"	1,470 00
4.9	"	"	"	"	"	1,058 00	8.9	"	"	"	"	"	1,470 00
5.0	"	"	"	"	"	1,058 00	9.0	"	40	"	"	"	1,520 00
5.1	"	"	90	"	"	1,058 00	9.1	40	"	150	10.0	"	1,520 00
5.2	"	"	"	"	"	1,058 00	9.2	"	"	"	"	"	1,520 00
5.3	"	"	"	"	"	1,058 00	9.3	"	"	"	"	"	1,520 00
5.4	"	"	"	"	"	1,058 00	9.4	"	"	"	"	"	1,520 00
5.5	"	35	"	"	"	1,058 00	9.5	"	"	"	"	"	1,520 00
5.6	30	"	100	7.0	"	1,058 00	9.6	"	"	"	"	"	1,520 00
5.7	"	"	"	"	"	1,058 00	9.7	"	"	"	"	"	1,520 00
5.8	"	"	"	"	"	1,058 00	9.8	"	"	"	"	"	1,520 00
5.9	"	"	"	"	"	1,058 00	9.9	"	"	"	"	"	1,520 00



傳真 02-2999-0869

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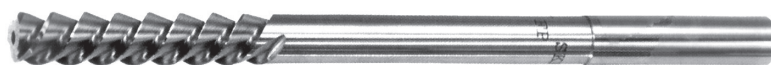
ハイ・ヘリカルリーマー



●材質/HSS-Co

Heilix Reamers

DAIICHI TOOL



(MIC処理) (MIC treated)
Straight Shank

High Speed Steel Reamers

高速加工用 for High-Speed

Hi-Helical Reamers

直柄拉式絞刀

HSS-CO 鈷鋼

刃 径	刃長	全長	食付長	刃數	單 價
10.0	40	150	40	3	1,640 00
10.1	"	155	"	"	1,930 00
10.2	"	"	"	"	1,930 00
10.3	"	"	"	"	1,930 00
10.4	"	"	"	"	1,930 00
10.5	"	"	45	"	1,930 00
10.6	"	"	"	"	1,930 00
10.7	"	"	"	"	1,930 00
10.8	"	"	"	"	1,930 00
10.9	"	"	"	"	1,930 00
11.0	"	"	"	"	1,930 00
11.1	"	160	"	"	2,050 00
11.2	"	"	"	"	2,250 00
11.3	"	"	"	"	2,250 00
11.4	"	"	"	"	2,250 00
11.5	"	"	50	"	2,250 00
11.6	"	"	"	"	2,250 00
11.7	"	"	"	"	2,250 00
11.8	"	"	"	"	2,250 00
11.9	"	"	"	"	2,250 00
12.0	"	"	"	"	2,250 00
12.1	45	165	"	"	2,340 00
12.2	"	"	"	"	2,340 00
12.3	"	"	"	"	2,340 00
12.4	"	"	"	"	2,340 00
12.5	"	"	55	"	2,340 00
12.6	"	"	"	"	2,340 00
12.7	"	"	"	"	2,340 00
12.8	"	"	"	"	2,340 00
12.9	"	"	"	"	2,340 00
13.0	"	"	"	"	2,340 00
13.1	"	170	"	"	2,340 00
13.2	"	"	"	"	2,340 00
13.3	"	"	"	"	2,340 00
13.4	"	"	"	"	2,340 00
13.5	"	"	"	"	2,570 00
13.6	"	"	"	"	2,570 00
13.7	"	"	"	"	2,570 00
13.8	"	"	"	"	2,570 00
13.9	"	"	"	"	2,570 00
14.0	"	"	"	"	2,570 00

刃 径	刃長	全長	食付長	刃數	單 價
3.01	20	70	4.0	3	1,390 00
3.02	"	"	"	"	1,390 00
3.03	"	"	"	"	1,390 00
3.04	"	"	"	"	1,390 00
3.05	"	"	"	"	1,390 00
3.06	"	"	"	"	1,390 00
3.07	"	"	"	"	1,390 00
3.08	"	"	"	"	1,390 00
3.09	"	"	"	"	1,390 00
3.11	"	"	"	"	1,390 00
3.12	"	"	"	"	1,390 00
3.13	"	"	"	"	1,390 00
3.14	"	"	"	"	1,390 00
3.15	"	"	"	"	1,390 00
3.16	"	"	"	"	1,390 00
3.17	"	"	"	"	1,390 00
3.18	"	"	"	"	1,390 00
3.19	"	"	"	"	1,390 00
3.21	"	"	"	"	1,390 00
3.22	"	"	"	"	1,390 00
3.23	"	"	"	"	1,390 00
3.24	"	"	"	"	1,390 00
3.25	"	"	"	"	1,390 00
3.26	"	"	"	"	1,390 00
3.27	"	"	"	"	1,390 00
3.28	"	"	"	"	1,390 00
3.29	"	"	"	"	1,390 00
3.31	"	"	"	"	1,390 00
3.32	"	"	"	"	1,390 00
3.33	"	"	"	"	1,390 00
3.34	"	"	"	"	1,390 00
3.35	"	"	"	"	1,390 00
3.36	"	"	"	"	1,390 00
3.37	"	"	"	"	1,390 00
3.38	"	"	"	"	1,390 00
3.39	"	"	"	"	1,390 00
3.41	"	"	"	"	1,390 00
3.42	"	"	"	"	1,390 00
3.43	"	"	"	"	1,390 00
3.44	"	"	"	"	1,390 00
3.45	"	"	"	"	1,390 00
3.46	"	"	"	"	1,390 00
3.47	"	"	"	"	1,390 00
3.48	"	"	"	"	1,390 00
3.49	"	"	"	"	1,390 00

HLX



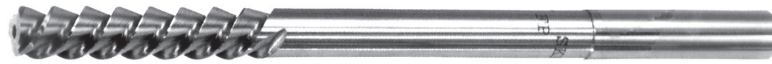
ハイ・ヘリカルリーマー



●材質/HSS-Co

Helix Reamers

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(MIC処理) (MIC treated)
Straight Shank

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HSS-CO 鈷鋼

刃 径	刃長	全長	食付長	刃數	單 價	刃 径	刃長	全長	食付長	刃數	單 價
3.51	20	70	4.0	3	1,390 00	4.01	22	75	5.0	3	1,390 00
3.52	"	"	"	"	1,390 00	4.02	"	"	"	"	1,390 00
3.53	"	"	"	"	1,390 00	4.03	"	"	"	"	1,390 00
3.54	"	"	"	"	1,390 00	4.04	"	"	"	"	1,390 00
3.55	"	"	"	"	1,390 00	4.05	"	"	"	"	1,390 00
3.56	"	"	"	"	1,390 00	4.06	"	"	"	"	1,390 00
3.57	"	"	"	"	1,390 00	4.07	"	"	"	"	1,390 00
3.58	"	"	"	"	1,390 00	4.08	"	"	"	"	1,390 00
3.59	"	"	"	"	1,390 00	4.09	"	"	"	"	1,390 00
3.61	22	75	5.0	"	1,390 00	4.11	25	80	6.0	"	1,390 00
3.62	"	"	"	"	1,390 00	4.12	"	"	"	"	1,390 00
3.63	"	"	"	"	1,390 00	4.13	"	"	"	"	1,390 00
3.64	"	"	"	"	1,390 00	4.14	"	"	"	"	1,390 00
3.65	"	"	"	"	1,390 00	4.15	"	"	"	"	1,390 00
3.66	"	"	"	"	1,390 00	4.16	"	"	"	"	1,390 00
3.67	"	"	"	"	1,390 00	4.17	"	"	"	"	1,390 00
3.68	"	"	"	"	1,390 00	4.18	"	"	"	"	1,390 00
3.69	"	"	"	"	1,390 00	4.19	"	"	"	"	1,390 00
3.71	"	"	"	"	1,390 00	4.21	"	"	"	"	1,390 00
3.72	"	"	"	"	1,390 00	4.22	"	"	"	"	1,390 00
3.73	"	"	"	"	1,390 00	4.23	"	"	"	"	1,390 00
3.74	"	"	"	"	1,390 00	4.24	"	"	"	"	1,390 00
3.75	"	"	"	"	1,390 00	4.25	"	"	"	"	1,390 00
3.76	"	"	"	"	1,390 00	4.26	"	"	"	"	1,390 00
3.77	"	"	"	"	1,390 00	4.27	"	"	"	"	1,390 00
3.78	"	"	"	"	1,390 00	4.28	"	"	"	"	1,390 00
3.79	"	"	"	"	1,390 00	4.29	"	"	"	"	1,390 00
3.81	"	"	"	"	1,390 00	4.31	"	"	"	"	1,390 00
3.82	"	"	"	"	1,390 00	4.32	"	"	"	"	1,390 00
3.83	"	"	"	"	1,390 00	4.33	"	"	"	"	1,390 00
3.84	"	"	"	"	1,390 00	4.34	"	"	"	"	1,390 00
3.85	"	"	"	"	1,390 00	4.35	"	"	"	"	1,390 00
3.86	"	"	"	"	1,390 00	4.36	"	"	"	"	1,390 00
3.87	"	"	"	"	1,390 00	4.37	"	"	"	"	1,390 00
3.88	"	"	"	"	1,390 00	4.38	"	"	"	"	1,390 00
3.89	"	"	"	"	1,390 00	4.39	"	"	"	"	1,390 00
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3.92	"	"	"	"	1,390 00	4.42	"	"	"	"	1,390 00
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3.94	"	"	"	"	1,390 00	4.44	"	"	"	"	1,390 00
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傳真 02-2999-0869

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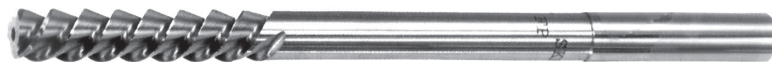
ハイ・ヘリカルリーマー



●材質/HSS-Co

Heilix Reamers

DAIICHI TOOL



(MIC処理) (MIC treated)
Straight Shank

High Speed Steel Reamers

高速加工用 for High-Speed

Hi-Helical Reamers

直柄拉式絞刀

HSS-CO 鈷鋼

刃 径	刃長	全長	食付長	刃數	單 價
4.51	25	80	6.0	3	1,390 00
4.52	"	"	"	"	1,390 00
4.53	"	"	"	"	1,390 00
4.54	"	"	"	"	1,390 00
4.55	"	"	"	"	1,390 00
4.56	"	"	"	"	1,390 00
4.57	"	"	"	"	1,390 00
4.58	"	"	"	"	1,390 00
4.59	"	"	"	"	1,390 00
4.61	"	85	"	"	1,390 00
4.62	"	"	"	"	1,390 00
4.63	"	"	"	"	1,390 00
4.64	"	"	"	"	1,390 00
4.65	"	"	"	"	1,390 00
4.66	"	"	"	"	1,390 00
4.67	"	"	"	"	1,390 00
4.68	"	"	"	"	1,390 00
4.69	"	"	"	"	1,390 00
4.71	"	"	"	"	1,390 00
4.72	"	"	"	"	1,390 00
4.73	"	"	"	"	1,390 00
4.74	"	"	"	"	1,390 00
4.75	"	"	"	"	1,390 00
4.76	"	"	"	"	1,390 00
4.77	"	"	"	"	1,390 00
4.78	"	"	"	"	1,390 00
4.79	"	"	"	"	1,390 00
4.81	"	"	"	"	1,390 00
4.82	"	"	"	"	1,390 00
4.83	"	"	"	"	1,390 00
4.84	"	"	"	"	1,390 00
4.85	"	"	"	"	1,390 00
4.86	"	"	"	"	1,390 00
4.87	"	"	"	"	1,390 00
4.88	"	"	"	"	1,390 00
4.89	"	"	"	"	1,390 00
4.91	"	"	"	"	1,390 00
4.92	"	"	"	"	1,390 00
4.93	"	"	"	"	1,390 00
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4.95	"	"	"	"	1,390 00
4.96	"	"	"	"	1,390 00
4.97	"	"	"	"	1,390 00
4.98	"	"	"	"	1,390 00
4.99	"	"	"	"	1,390 00

刃 径	刃長	全長	食付長	刃數	單 價
5.01	22	85	6.0	3	1,390 00
5.02	"	"	"	"	1,390 00
5.03	"	"	"	"	1,390 00
5.04	"	"	"	"	1,390 00
5.05	"	"	"	"	1,390 00
5.06	"	"	"	"	1,390 00
5.07	"	"	"	"	1,390 00
5.08	"	"	"	"	1,390 00
5.09	"	"	"	"	1,390 00
5.11	25	90	"	"	1,390 00
5.12	"	"	"	"	1,390 00
5.13	"	"	"	"	1,390 00
5.14	"	"	"	"	1,390 00
5.15	"	"	"	"	1,390 00
5.16	"	"	"	"	1,390 00
5.17	"	"	"	"	1,390 00
5.18	"	"	"	"	1,390 00
5.19	"	"	"	"	1,390 00
5.21	"	"	"	"	1,390 00
5.22	"	"	"	"	1,390 00
5.23	"	"	"	"	1,390 00
5.24	"	"	"	"	1,390 00
5.25	"	"	"	"	1,390 00
5.26	"	"	"	"	1,390 00
5.27	"	"	"	"	1,390 00
5.28	"	"	"	"	1,390 00
5.29	"	"	"	"	1,390 00
5.31	"	"	"	"	1,390 00
5.32	"	"	"	"	1,390 00
5.33	"	"	"	"	1,390 00
5.34	"	"	"	"	1,390 00
5.35	"	"	"	"	1,390 00
5.36	"	"	"	"	1,390 00
5.37	"	"	"	"	1,390 00
5.38	"	"	"	"	1,390 00
5.39	"	"	"	"	1,390 00
5.41	"	"	"	"	1,390 00
5.42	"	"	"	"	1,390 00
5.43	"	"	"	"	1,390 00
5.44	"	"	"	"	1,390 00
5.45	"	"	"	"	1,390 00
5.46	"	"	"	"	1,390 00
5.47	"	"	"	"	1,390 00
5.48	"	"	"	"	1,390 00
5.49	"	"	"	"	1,390 00

HLX



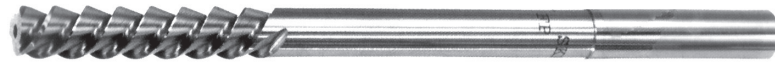
ハイ・ヘリカルリーマー



●材質/HSS-Co

Helix Reamers

DAIICHI TOOL



(MIC処理) (MIC treated)
Straight Shank

High Speed Steel Reamers

高速加工用 for High-Speed

Hi-Helical Reamers

直柄拉式絞刀

HSS-CO 鈷鋼

刃 径	刃長	全長	食付長	刃數	單 價
5.51	25	90	6.0	3	1,390 00
5.52	"	"	"	"	1,390 00
5.53	"	"	"	"	1,390 00
5.54	"	"	"	"	1,390 00
5.55	"	"	"	"	1,390 00
5.56	"	"	"	"	1,390 00
5.57	"	"	"	"	1,390 00
5.58	"	"	"	"	1,390 00
5.59	"	"	"	"	1,390 00
5.61	30	100	7.0	"	1,390 00
5.62	"	"	"	"	1,390 00
5.63	"	"	"	"	1,390 00
5.64	"	"	"	"	1,390 00
5.65	"	"	"	"	1,390 00
5.66	"	"	"	"	1,390 00
5.67	"	"	"	"	1,390 00
5.68	"	"	"	"	1,390 00
5.69	"	"	"	"	1,390 00
5.71	"	"	"	"	1,390 00
5.72	"	"	"	"	1,390 00
5.73	"	"	"	"	1,390 00
5.74	"	"	"	"	1,390 00
5.75	"	"	"	"	1,390 00
5.76	"	"	"	"	1,390 00
5.77	"	"	"	"	1,390 00
5.78	"	"	"	"	1,390 00
5.79	"	"	"	"	1,390 00
5.81	"	"	"	"	1,390 00
5.82	"	"	"	"	1,390 00
5.83	"	"	"	"	1,390 00
5.84	"	"	"	"	1,390 00
5.85	"	"	"	"	1,390 00
5.86	"	"	"	"	1,390 00
5.87	"	"	"	"	1,390 00
5.88	"	"	"	"	1,390 00
5.89	"	"	"	"	1,390 00
5.91	"	"	"	"	1,390 00
5.92	"	"	"	"	1,390 00
5.93	"	"	"	"	1,390 00
5.94	"	"	"	"	1,390 00
5.95	"	"	"	"	1,390 00
5.96	"	"	"	"	1,390 00
5.97	"	"	"	"	1,390 00
5.98	"	"	"	"	1,390 00
5.99	"	"	"	"	1,390 00

刃 径	刃長	全長	食付長	刃數	單 價
6.01	30	100	7.0	3	1,530 00
6.02	"	"	"	"	1,530 00
6.03	"	"	"	"	1,530 00
6.04	"	"	"	"	1,530 00
6.05	"	"	"	"	1,530 00
6.06	"	"	"	"	1,530 00
6.07	"	"	"	"	1,530 00
6.08	"	"	"	"	1,530 00
6.09	"	"	"	"	1,530 00
6.11	"	"	"	"	1,530 00
6.12	"	"	"	"	1,530 00
6.13	"	"	"	"	1,530 00
6.14	"	"	"	"	1,530 00
6.15	"	"	"	"	1,530 00
6.16	"	"	"	"	1,530 00
6.17	"	"	"	"	1,530 00
6.18	"	"	"	"	1,530 00
6.19	"	"	"	"	1,530 00
6.21	"	"	"	"	1,530 00
6.22	"	"	"	"	1,530 00
6.23	"	"	"	"	1,530 00
6.24	"	"	"	"	1,530 00
6.25	"	"	"	"	1,530 00
6.26	"	"	"	"	1,530 00
6.27	"	"	"	"	1,530 00
6.28	"	"	"	"	1,530 00
6.29	"	"	"	"	1,530 00
6.31	"	"	"	"	1,530 00
6.32	"	"	"	"	1,530 00
6.33	"	"	"	"	1,530 00
6.34	"	"	"	"	1,530 00
6.35	"	"	"	"	1,530 00
6.36	"	"	"	"	1,530 00
6.37	"	"	"	"	1,530 00
6.38	"	"	"	"	1,530 00
6.39	"	"	"	"	1,530 00
6.41	"	"	"	"	1,530 00
6.42	"	"	"	"	1,530 00
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6.45	"	"	"	"	1,530 00
6.46	"	"	"	"	1,530 00
6.47	"	"	"	"	1,530 00
6.48	"	"	"	"	1,530 00
6.49	"	"	"	"	1,530 00



傳真 02-2999-0869

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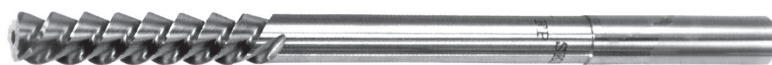
ハイ・ヘリカルリーマー



●材質/HSS-Co

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DAIICHI TOOL



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Straight Shank

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直柄拉式絞刀

HSS-CO 鈷鋼

刃 径	刃長	全長	食付長	刃數	單 價
6.51	30	100	7.0	3	1,530 00
6.52	"	"	"	"	1,530 00
6.53	"	"	"	"	1,530 00
6.54	"	"	"	"	1,530 00
6.55	"	"	"	"	1,530 00
6.56	"	"	"	"	1,530 00
6.57	"	"	"	"	1,530 00
6.58	"	"	"	"	1,530 00
6.59	"	"	"	"	1,530 00
6.61	"	110	"	"	1,530 00
6.62	"	"	"	"	1,530 00
6.63	"	"	"	"	1,530 00
6.64	"	"	"	"	1,530 00
6.65	"	"	"	"	1,530 00
6.66	"	"	"	"	1,530 00
6.67	"	"	"	"	1,530 00
6.68	"	"	"	"	1,530 00
6.69	"	"	"	"	1,530 00
6.71	"	"	"	"	1,530 00
6.72	"	"	"	"	1,530 00
6.73	"	"	"	"	1,530 00
6.74	"	"	"	"	1,530 00
6.75	"	"	"	"	1,530 00
6.76	"	"	"	"	1,530 00
6.77	"	"	"	"	1,530 00
6.78	"	"	"	"	1,530 00
6.79	"	"	"	"	1,530 00
6.81	"	"	"	"	1,530 00
6.82	"	"	"	"	1,530 00
6.83	"	"	"	"	1,530 00
6.84	"	"	"	"	1,530 00
6.85	"	"	"	"	1,530 00
6.86	"	"	"	"	1,530 00
6.87	"	"	"	"	1,530 00
6.88	"	"	"	"	1,530 00
6.89	"	"	"	"	1,530 00
6.91	"	"	"	"	1,530 00
6.92	"	"	"	"	1,530 00
6.93	"	"	"	"	1,530 00
6.94	"	"	"	"	1,530 00
6.95	"	"	"	"	1,530 00
6.96	"	"	"	"	1,530 00
6.97	"	"	"	"	1,530 00
6.98	"	"	"	"	1,530 00
6.99	"	"	"	"	1,530 00

刃 径	刃長	全長	食付長	刃數	單 價
7.01	30	110	7.0	3	1,700 00
7.02	"	"	"	"	1,700 00
7.03	"	"	"	"	1,700 00
7.04	"	"	"	"	1,700 00
7.05	"	"	"	"	1,700 00
7.06	"	"	"	"	1,700 00
7.07	"	"	"	"	1,700 00
7.08	"	"	"	"	1,700 00
7.09	"	"	"	"	1,700 00
7.11	35	120	8.0	"	1,700 00
7.12	"	"	"	"	1,700 00
7.13	"	"	"	"	1,700 00
7.14	"	"	"	"	1,700 00
7.15	"	"	"	"	1,700 00
7.16	"	"	"	"	1,700 00
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7.19	"	"	"	"	1,700 00
7.21	"	"	"	"	1,700 00
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7.23	"	"	"	"	1,700 00
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7.26	"	"	"	"	1,700 00
7.27	"	"	"	"	1,700 00
7.28	"	"	"	"	1,700 00
7.29	"	"	"	"	1,700 00
7.31	"	"	"	"	1,700 00
7.32	"	"	"	"	1,700 00
7.33	"	"	"	"	1,700 00
7.34	"	"	"	"	1,700 00
7.35	"	"	"	"	1,700 00
7.36	"	"	"	"	1,700 00
7.37	"	"	"	"	1,700 00
7.38	"	"	"	"	1,700 00
7.39	"	"	"	"	1,700 00
7.41	"	"	"	"	1,700 00
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7.48	"	"	"	"	1,700 00
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