

スチール用フォーミングタップ Forming Tap for Steel

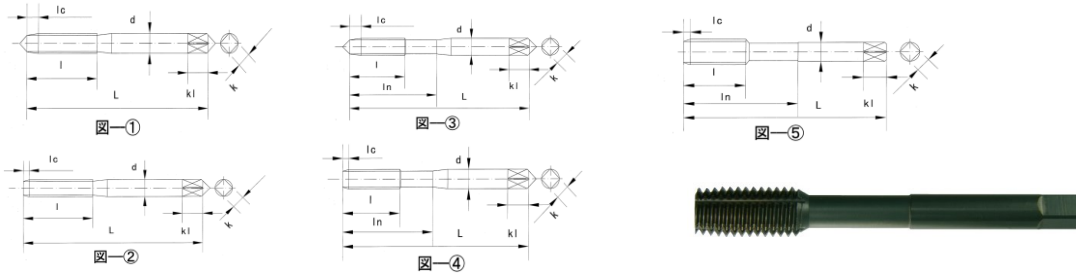


表32 FT OX

Table 32

低炭素鋼、低炭素合金鋼、ステンレス鋼などに適します。
Suitable for steels such as low carbon steels, alloy steels and stainless steels.

食付き : P type 4山 B type 2山
材質 : HSSE
表面処理 : ホモ処理

Chamfer Length: P type 4p B type 2p
Material: HSSE
Surface: O X

(Unit: mm)

SIZE		P type			B type			L	l	In	D	凸数 Number of robe	溝数 Number of groove
		精度 Limit	形状	CODE	精度 Limit	形状	CODE						
M 1.4×0.3	標準	PH4	①	LO4P1.4C	BH4	②	LO4B1.4C	36	7	-	3	3	
	Over	PH5											
M 1.6×0.35	標準	PH4	①	LO4P1.6D	BH4	②	LO4B1.6D	36	8	-	3	3	
	Over	PH5											
M 1.7×0.35	標準	PH4	①	LO4P1.7D	BH4	②	LO4B1.7D	36	8	-	3	3	
	Over	PH5											
M 2×0.4	標準	PH4	①	LO4P2.0E	BH4	②	LO4B2.0E	42	8	-	3	3	
	Over	PH5											
M 2.3×0.4	標準	PH4	①	LO4P2.3E	BH4	②	LO4B2.3E	42	9.5	-	3	3	
	Over	PH5											
M 2.5×0.45	標準	PH4	①	LO4P2.5F	BH4	②	LO4B2.5F	44	9.5	-	3	3	
	Over	PH5											
M 2.6×0.45	標準	PH4	①	LO4P2.6F	BH4	②	LO4B2.6F	44	9.5	-	3	3	
	Over	PH5											
M 3×0.5	標準	PH5	③	LO5P3.0G	BH5	④	LO5B3.0G	46	9	18	4	4	4
	Over	PH6											
M 3.5×0.6	標準	PH5	③	LO5P3.5H	BH5	④	LO5B3.5H	48	9	18	4	4	4
	Over	PH6											
M 4×0.7	標準	PH6	③	LO6P4.0I	BH6	④	LO6B4.0I	52	10	20	5	4	4
	Over	PH7											
M 5×0.8	標準	PH6	③	LO6P5.0K	BH6	④	LO6B5.0K	60	11	22	5.5	4	4
	Over	PH7											
M 6×1	標準	PH7	③	LO7P6.0M	BH7	④	LO7B6.0M	62	12	24	6	4	4
	Over	PH8											
M 8×1.25	標準	PH7	⑤	LO7P8.0N	BH7	⑤	LO7B8.0N	70	18	-	6.2	8	4
	Over	PH8											
M 10×1.5	標準	PH7	⑤	LO7P010O	BH7	⑤	LO7B010O	75	19	-	7	8	4
	Over	PH8											
M 10×1.25	標準	PH7	⑤	LO7P010N	BH7	⑤	LO7B010N	75	19	-	7	8	3
	Over	PH8											
M 12×1.75	標準	PH8	⑤	LO8P012P	BH8	⑤	LO8B012P	82	23	-	8.5	8	4
	Over	PH9											
M 12×1.25	標準	PH7	⑤	LO7P012N	BH7	⑤	LO7B012N	82	23	-	8.5	8	4
	Over	PH8											
# 4 - 40 UNC	標準	PH5	①	LO5PUN4G	BH5	②	LO5BUN4G	44	9.5	-	3	3	3
	Over	PH6											
# 6 - 32 UNC	標準	PH5	③	LO5PUN6I	BH5	④	LO5BUN6I	46	9	18	4	4	4
	Over	PH6											
# 8 - 32 UNC	標準	PH5	③	LO5PUN8I	BH5	④	LO5BUN8I	52	10	20	5	4	4
	Over	PH6											
# 10- 32 UNF	標準	PH5	③	LO5PUNAI	BH5	④	LO5BUNAI	60	11	22	5.5	4	4
	Over	PH5											

非鉄金属用フォーミングタップ Forming Tap for Non-ferrous material

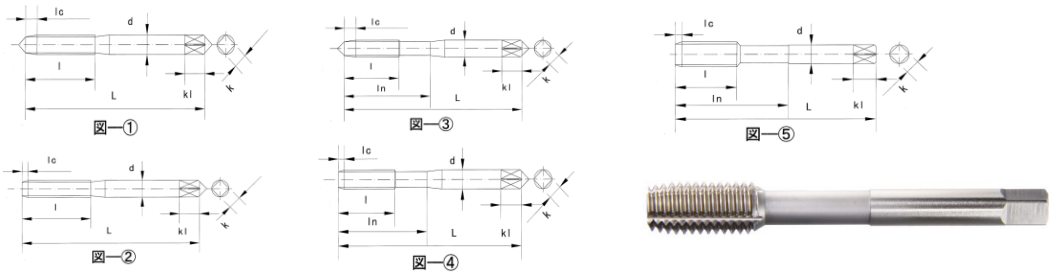


表33 FT BRIGHT

Table 33

アルミ、亜鉛、銅などの非鉄金属に適します。

Suitable for non-ferrous materials such as aluminium, zinc and copper.

食付き: P type 4山 B type 2山

材質: HSSE

表面処理: 無処理

Chamfer Length: P type 4p B type 2p

Material: HSSE

Surface: Bright

(Unit: mm)

SIZE		P type			B type			L	l	ln	D	凸数	溝数
		精度 Limit	形状	CODE	精度 Limit	形状	CODE					Number of robe	Number of groove
M 1.4×0.3	標準	PH4	①	LB4P1.4C	BH4	②	LB4B1.4C	36	7	-	3	3	
	Over	PH5			BH5								
M 1.6×0.35	標準	PH4	①	LB4P1.6D	BH4	②	LB4B1.6D	36	8	-	3	3	
	Over	PH5			BH5								
M 1.7×0.35	標準	PH4	①	LB4P1.7D	BH4	②	LB4B1.7D	36	8	-	3	3	
	Over	PH5			BH5								
M 2×0.4	標準	PH4	①	LB4P2.0E	BH4	②	LB4B2.0E	42	8	-	3	3	
	Over	PH5			BH5								
M 2.3×0.4	標準	PH4	①	LB4P2.3E	BH4	②	LB4B2.3E	42	9.5	-	3	3	
	Over	PH5			BH5								
M 2.5×0.45	標準	PH4	①	LB4P2.5F	BH4	②	LB4B2.5F	44	9.5	-	3	3	
	Over	PH5			BH5								
M 2.6×0.45	標準	PH4	①	LB4P2.6F	BH4	②	LB4B2.6F	44	9.5	-	3	3	
	Over	PH5			BH5								
M 3×0.5	標準	PH5	③	LB5P3.0G	BH5	④	LB5B3.0G	46	9	18	4	4	4
	Over	PH6			BH6								
M 3.5×0.6	標準	PH5	③	LB5P3.5H	BH5	④	LB5B3.5H	48	9	18	4	4	4
	Over	PH6			BH6								
M 4×0.7	標準	PH6	③	LB6P4.0I	BH6	④	LB6B4.0I	52	10	20	5	4	4
	Over	PH7			BH7								
M 5×0.8	標準	PH6	③	LB6P5.0K	BH6	④	LB6B5.0K	60	11	22	5.5	4	4
	Over	PH7			BH7								
M 6×1	標準	PH7	③	LB7P6.0M	BH7	④	LB7B6.0M	62	12	24	6	4	4
	Over	PH8			BH8								
M 8×1.25	標準	PH7	⑤	LB7P8.0N	BH7	⑤	LB7B8.0N	70	18	-	6.2	8	4
	Over	PH8			BH8								
M 10×1.5	標準	PH7	⑤	LB7P010O	BH7	⑤	LB7B010O	75	19	-	7	8	4
	Over	PH8			BH8								
M 10×1.25	標準	PH7	⑤	LB7P010N	BH7	⑤	LB7B010N	75	19	-	7	8	3
	Over	PH8			BH8								
M 12×1.75	標準	PH8	⑤	LB8P012P	BH8	⑤	LB8B012P	82	23	-	8.5	8	4
	Over	PH9			BH9								
M 12×1.25	標準	PH7	⑤	LB7P012N	BH7	⑤	LB7B012N	82	23	-	8.5	8	4
	Over	PH8			BH8								
# 4 - 40 UNC	標準	PH5	①	LB5PUN4G	BH5	②	LB5BUN4G	44	9.5	-	3	3	3
	Over	PH6			BH6								
# 6 - 32 UNC	標準	PH5	③	LB5PUN6I	BH5	④	LB5BUN6I	46	9	18	4	4	4
	Over	PH6			BH6								
# 8 - 32 UNC	標準	PH5	③	LB5PUN8I	BH5	④	LB5BUN8I	52	10	20	5	4	4
	Over	PH6			BH6								
# 10 - 32 UNF	標準	PH5	③	LB5PUNAI	BH5	④	LB5BUNAI	60	11	22	5.5	4	4
	Over	PH5			BH6								

チタンコーティング フォーミングタップ TiN coated Forming Tap

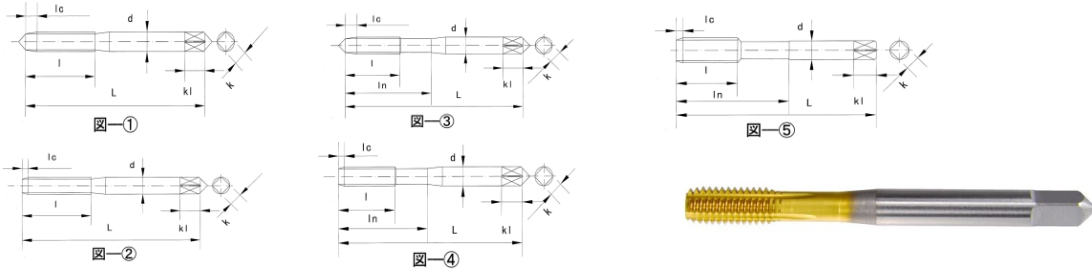


表34 FT TiN

Table 34

耐溶着性、耐摩耗性に優れています。

TiN coating has a good welding resistance and good wear resistance.

食付き：P type 4山 B type 2山

材質：HSSE

表面处理：TiN

Chamfer Length: P type 4p B type 2p

Material: HSSE

Surface: TiN

(Unit: mm)

SIZE		P type			B type			L	l	In	D	凸数	溝数
		精度 Limit	形状	CODE	精度 Limit	形状	CODE					Number of robe	Number of groove
M 1.4×0.3	標準	PH4	①	LT4P1.4C	BH4	②	LT4B1.4C	36	7	-	3	3	
	Over	PH5			BH5								
M 1.6×0.35	標準	PH4	①	LT4P1.6D	BH4	②	LT4B1.6D	36	8	-	3	3	
	Over	PH5			BH5								
M 1.7×0.35	標準	PH4	①	LT4P1.7D	BH4	②	LT4B1.7D	36	8	-	3	3	
	Over	PH5			BH5								
M 2×0.4	標準	PH4	①	LT4P2.0E	BH4	②	LT4B2.0E	42	8	-	3	3	
	Over	PH5			BH5								
M 2.3×0.4	標準	PH4	①	LT4P2.3E	BH4	②	LT4B2.3E	42	9.5	-	3	3	
	Over	PH5			BH5								
M 2.5×0.45	標準	PH4	①	LT4P2.5F	BH4	②	LT4B2.5F	44	9.5	-	3	3	
	Over	PH5			BH5								
M 2.6×0.45	標準	PH4	①	LT4P2.6F	BH4	②	LT4B2.6F	44	9.5	-	3	3	
	Over	PH5			BH5								
M 3×0.5	標準	PH5	③	LT5P3.0G	BH5	④	LT5B3.0G	46	9	18	4	4	4
	Over	PH6			BH6								
M 3.5×0.6	標準	PH5	③	LT5P3.5H	BH5	④	LT5B3.5H	48	9	18	4	4	4
	Over	PH6			BH6								
M 4×0.7	標準	PH6	③	LT6P4.0I	BH6	④	LT6B4.0I	52	10	20	5	4	4
	Over	PH7			BH7								
M 5×0.8	標準	PH6	③	LT6P5.0K	BH6	④	LT6B5.0K	60	11	22	5.5	4	4
	Over	PH7			BH7								
M 6×1	標準	PH7	③	LT7P6.0M	BH7	④	LT7B6.0M	62	12	24	6	4	4
	Over	PH8			BH8								
M 8×1.25	標準	PH7	⑤	LT7P8.0N	BH7	⑤	LT7B8.0N	70	18	-	6.2	8	4
	Over	PH8			BH8								
M 10×1.5	標準	PH7	⑤	LT7P010O	BH7	⑤	LT7B010O	75	19	-	7	8	4
	Over	PH8			BH8								
M 10×1.25	標準	PH7	⑤	LT7P010N	BH7	⑤	LT7B010N	75	19	-	7	8	3
	Over	PH8			BH8								
M 12×1.75	標準	PH8	⑤	LT8P012P	BH8	⑤	LT8B012P	82	23	-	8.5	8	4
	Over	PH9			BH9								
M 12×1.25	標準	PH7	⑤	LT7P012N	BH7	⑤	LT7B012N	82	23	-	8.5	8	4
	Over	PH8			BH8								
# 4 - 40 UNC	標準	PH5	①	LT5PUN4G	BH5	②	LT5BUN4G	44	9.5	-	3	3	3
	Over	PH6			BH6								
# 6 - 32 UNC	標準	PH5	③	LT5PUN6I	BH5	④	LT5BUN6I	46	9	18	4	4	4
	Over	PH6			BH6								
# 8 - 32 UNC	標準	PH5	③	LT5PUN8I	BH5	④	LT5BUN8I	52	10	20	5	4	4
	Over	PH6			BH6								
# 10 - 32 UNF	標準	PH5	③	LT5PUNAI	BH5	④	LT5BUNAI	60	11	22	5.5	4	4
	Over	PH5			BH6								

TiCNコーティングフォーミングタップ TiCN coated Forming Tap

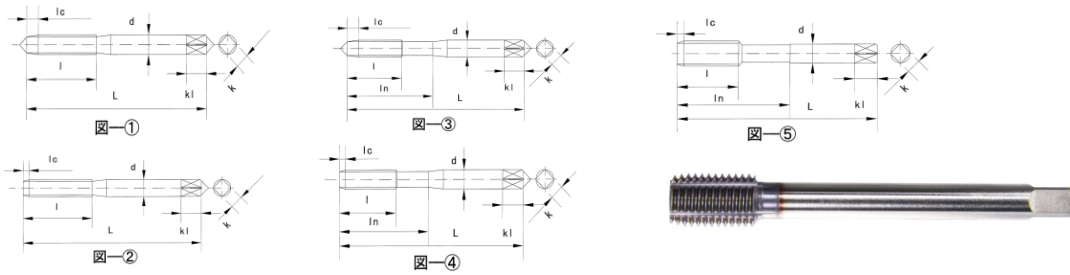


表35 FT TiCN

Table 35

耐摩耗性に優れ、炭素鋼やステンレス鋼に適します。
TiCN coating has a good welding resistance and good wear resistance.
Suitable for Carbon steels and Stainless steels.

食付き: P type 4山 B type 2山
材質: HSSE
表面処理: TiCN

Chamfer Length: P type 4p B type 2p
Material: HSSE
Surface: TiCN

(Unit: mm)

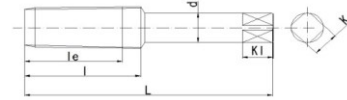
SIZE	P type			B type			L	l	ln	D	凸数	溝数
	精度 Limit	形状	CODE	精度 Limit	形状	CODE					Number of robe	Number of groove
M 1.4×0.3	標準	PH4	①	LC4P1.4C	BH4	②	36	7	-	3	3	
	Over	PH5			BH5							
M 1.6×0.35	標準	PH4	①	LC4P1.6D	BH4	②	36	8	-	3	3	
	Over	PH5			BH5							
M 1.7×0.35	標準	PH4	①	LC4P1.7D	BH4	②	36	8	-	3	3	
	Over	PH5			BH5							
M 2×0.4	標準	PH4	①	LC4P2.0E	BH4	②	42	8	-	3	3	
	Over	PH5			BH5							
M 2.3×0.4	標準	PH4	①	LC4P2.3E	BH4	②	42	9.5	-	3	3	
	Over	PH5			BH5							
M 2.5×0.45	標準	PH4	①	LC4P2.5F	BH4	②	44	9.5	-	3	3	
	Over	PH5			BH5							
M 2.6×0.45	標準	PH4	①	LC4P2.6F	BH4	②	44	9.5	-	3	3	
	Over	PH5			BH5							
M 3×0.5	標準	PH5	③	LC5P3.0G	BH5	④	46	9	18	4	4	4
	Over	PH6			BH6							
M 3.5×0.6	標準	PH5	③	LC5P3.5H	BH5	④	48	9	18	4	4	4
	Over	PH6			BH6							
M 4×0.7	標準	PH6	③	LC6P4.0I	BH6	④	52	10	20	5	4	4
	Over	PH7			BH7							
M 5×0.8	標準	PH6	③	LC6P5.0K	BH6	④	60	11	22	5.5	4	4
	Over	PH7			BH7							
M 6×1	標準	PH7	③	LC7P6.0M	BH7	④	62	12	24	6	4	4
	Over	PH8			BH8							
M 8×1.25	標準	PH7	⑤	LC7P8.0N	BH7	⑤	70	18	-	6.2	8	4
	Over	PH8			BH8							
M 10×1.5	標準	PH7	⑤	LC7P010O	BH7	⑤	75	19	-	7	8	4
	Over	PH8			BH8							
M 10×1.25	標準	PH7	⑤	LC7P010N	BH7	⑤	75	19	-	7	8	3
	Over	PH8			BH8							
M 12×1.75	標準	PH8	⑤	LC8P012P	BH8	⑤	82	23	-	8.5	8	4
	Over	PH9			BH9							
M 12×1.25	標準	PH7	⑤	LC7P012N	BH7	⑤	82	23	-	8.5	8	4
	Over	PH8			BH8							
# 4 - 40 UNC	標準	PH5	①	LC5PUN4G	BH5	②	44	9.5	-	3	3	3
	Over	PH6			BH6							
# 6 - 32 UNC	標準	PH5	③	LC5PUN6I	BH5	④	46	9	18	4	4	4
	Over	PH6			BH6							
# 8 - 32 UNC	標準	PH5	③	LC5PUN8I	BH5	④	52	10	20	5	4	4
	Over	PH6			BH6							
# 10 - 32 UNF	標準	PH5	③	LC5PUNAI	BH5	④	60	11	22	5.5	4	4
	Over	PH5			BH6							

管用テーパタップシリーズ Taper Pipe Thread Tap (PT/Rc)

一般用PT (Rc) General Application



食付き: 2.5山
Chamfer Length: 2.5 p



管用テーパ雌ネジ加工に使用します。パイプの接続などのようにネジが長い場合に使用します。Used in order to process of taper pipe internal thread.

表36 SKS PT

Table 36

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE		CODE	L	l	le	d	K	KI	F	JC
1/16	28	SKT01J	52	14	10.1	6	4.5	7	4	2
1/8	28	SKT02J	55	19	13	8	6	9	4	2
1/4	19	SKT04N	62	28	21	11	9	12	4	2
3/8	19	SKT06N	65	28	21	14	11	14	4	2
1/2	14	SKT08Q	80	35	25	18	14	17	4	2
5/8	14	SKT10Q	82	35	25	19	15	18	4	2
3/4	14	SKT12Q	85	35	25	23	17	20	4	2
7/8	14	SKT14Q	90	40	28	24	19	22	4	2
1"	11	SKT16T	95	45	32	26	21	23	6	2
1"1/8	11	SKT18T	105	45	32	30	21	26	6	2
1"1/4	11	SKT20T	105	45	32	32	26	30	6	2
1"3/8	11	SKT22T	110	45	32	38	29	32	6	2
1"1/2	11	SKT24T	110	45	32	38	29	32	6	2
1"3/4	11	SKT28T	115	45	32	42	32	35	6	2
2"	11	SKT32T	120	50	35	46	35	38	6	2

表37 HSS PT

Table 37

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

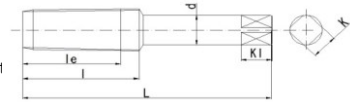
SIZE		OX	Bright	L	l	le	d	K	KI	F	JC
		CODE	CODE								
1/16	28	KOHGVT01J	KOHGBN01J	52	14	10.1	6	4.5	7	4	2
1/8	28	KOHGVT02J	KOHGBN02J	55	19	13	8	6	9	4	2
1/4	19	KOHGVT04N	KOHGBN04N	62	28	21	11	9	12	4	2
3/8	19	KOHGVT06N	KOHGBN06N	65	28	21	14	11	14	4	2
1/2	14	KOHGVT08Q	KOHGBN08Q	80	35	25	18	14	17	4	2
5/8	14	KOHGVT10Q	KOHGBN10Q	82	35	25	19	15	18	4	2
3/4	14	KOHGVT12Q	KOHGBN12Q	85	35	25	23	17	20	4	2
7/8	14	KOHGVT14Q	KOHGBN14Q	90	40	28	24	19	22	4	2
1"	11	KOHGVT16T	KOHGBN16T	95	45	32	26	21	23	6	2
1"1/8	11	KOHGVT18T	KOHGBN18T	105	45	32	30	21	26	6	2
1"1/4	11	KOHGVT20T	KOHGBN20T	105	45	32	32	26	30	6	2
1"3/8	11	KOHGVT22T	KOHGBN22T	110	45	32	38	29	32	6	2
1"1/2	11	KOHGVT24T	KOHGBN24T	110	45	32	38	29	32	6	2
1"3/4	11	KOHGVT28T	KOHGBN28T	115	45	32	42	32	35	6	2
2"	11	KOHGVT32T	KOHGBN32T	120	50	35	46	35	38	6	2

管用テーパタップシリーズ Taper Pipe Thread Tap (PT/Rc)

スパイラル PT (Rc) Spiral Fluted



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



切りくずがコイル状に排出される被削材に適します。Suitabel for materials where chips come out continuously in coil shape.

表38 SFT PT

Table 38

*F: 溝数。(Number of flutes) / JC: JIS規格。(JIS class of the thread limit)

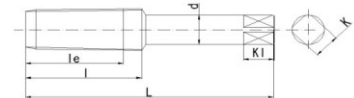
(Unit: mm)

SIZE		OX	Bright	L	l	le	d	K	KI	F	JC
		CODE	CODE								
1/16	28	KOSGVT01J	KOSGBN01J	52	14	10.1	6	4.5	7		
1/8	28	KOSGVT02J	KOSGBN02J	55	19	13	8	6	9	3	2
1/4	19	KOSGVT04N	KOSGBN04N	62	28	21	11	9	12	3	2
3/8	19	KOSGVT06N	KOSGBN06N	65	28	21	14	11	14	3	2
1/2	14	KOSGVT08Q	KOSGBN08Q	80	35	25	18	14	17	4	2
5/8	14	KOSGVT10Q	KOSGBN10Q	82	35	25	19	15	18		
3/4	14	KOSGVT12Q	KOSGBN12Q	85	35	25	23	17	20	4	2
7/8	14	KOSGVT14Q	KOSGBN14Q	90	40	28	24	19	22		
1"	11	KOSGVT16T	KOSGBN16T	95	45	32	26	21	23	4	2
1"1/8	11	KOSGVT18T	KOSGBN18T	105	45	32	30	21	26	4	2
1"1/4	11	KOSGVT20T	KOSGBN20T	105	45	32	32	26	30	4	2
1"3/8	11	KOSGVT22T	KOSGBN22T	110	45	32	38	29	32	4	2
1"1/2	11	KOSGVT24T	KOSGBN24T	110	45	32	38	29	32	4	2
1"3/4	11	KOSGVT28T	KOSGBN28T	115	45	32	42	32	35		
2"	11	KOSGVT32T	KOSGBN32T	120	50	35	46	35	38		

インターラップ PT (Rc) Interrupted Thread



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



ステンレス鋼や耐熱合金などに適します。溝は左弱ねじれになっています。Suitabel for stainless steels and heat resistant alloys.

表39 INT PT

Table 39

*F: 溝数。(Number of flutes) / JC: JIS規格。(JIS class of the thread limit)

(Unit: mm)

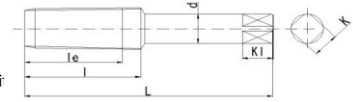
SIZE		OX	Bright	L	l	le	d	K	KI	F	JC
		CODE	CODE								
1/8	28	KOIGVN02J	KOIGBN02J	55	19	13	8	6	9	3	2
1/4	19	KOIGVN04N	KOIGBN04N	62	28	21	11	9	12	3	2
3/8	19	KOIGVN06N	KOIGBN06N	65	28	21	14	11	14	5	2
1/2	14	KOIGVN08Q	KOIGBN08Q	80	35	25	18	14	17	5	2
3/4	14	KOIGVN12Q	KOIGBN12Q	85	35	25	23	17	20	5	2
1"	11	KOIGVN16T	KOIGBN16T	95	45	32	26	21	23	5	2

管用テーパタップシリーズ Taper Pipe Thread Tap (PT/Rc)

ロングシャंक PT (Rc) Long Shank



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



全長は100, 120, 150, 200, 250mmを用意しています。ただし、サイズにより製作可能範囲が異なります。
Total length offers 100, 120, 150, 200 and 250mm. The production range depends on the size.

表40 LTPT

Table 40

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE	OX		L	l	le	d	K	Kl	F	JC	
	CODE	Bright CODE									
1/8	28	KOHGVT02J10	KOHGBN02J10	100	19	13	8	6	9	4	2
		KOHGVT02J12	KOHGBN02J12	120	19	13	8	6	9	4	2
		KOHGVT02J15	KOHGBN02J15	150	19	13	8	6	9	4	2
1/4	19	KOHGVT02J10	KOHGBN02J10	100	28	21	11	9	12	4	2
		KOHGVT02J12	KOHGBN02J12	120	28	21	11	9	12	4	2
		KOHGVT02J15	KOHGBN02J15	150	28	21	11	9	12	4	2
3/8	PT 19	KOHGVT06N10	KOHGBN06N10	100	28	21	11	11	14	4	2
		KOHGVT06N12	KOHGBN06N12	120	28	21	11	11	14	4	2
		KOHGVT06N15	KOHGBN06N15	150	28	21	11	11	14	4	2
1/2	14	KOHGVT08Q12	KOHGBN08Q12	120	35	25	18	14	17	4	2
		KOHGVT08Q15	KOHGBN08Q15	150	35	25	18	14	17	4	2
3/4	14	KOHGVT12Q15	KOHGBN12Q15	150	35	25	23	17	20	4	2
				200	35	25	23	17	20	4	2
1"	11	KOHGVT16T15	KOHGBN16T15	150	45	32	26	21	24	6	2
				200	45	32	26	21	24	6	2

管用テーパタップシリーズ Taper Pipe Thread Tap (PT/Rc)

一般用短ネジ PT (S) Taper pipe short thread Tap

表41 SKS PT(S) Table 41

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE		CODE	L	l	le	d	K	Kl	F	JC
1/8	28	SKN02J	55	16.5	10.5	8	6	9	4	2
1/4	19	SKN04N	62	19.5	12.5	11	9	12	4	2
3/8	19	SKN06N	65	21	14	14	11	14	4	2
1/2	14	SKN08Q	80	27	17	18	14	17	4	2
3/4	14	SKN12Q	85	29	19	23	17	20	4	2
1"	11	SKN16T	95	35	22	26	21	24	6	2

表42 HSS PT(S) Table 42

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE		OX	Bright	L	l	le	d	K	Kl	F	JC
		CODE	CODE								
1/8	28	KOHGVN02J	KOHGBN02J	55	16.5	10.5	8	6	9	4	2
1/4	19	KOHGVN04N	KOHGBN04N	62	19.5	12.5	11	9	12	4	2
3/8	19	KOHGVN06N	KOHGBN06N	65	21	14	14	11	14	4	2
1/2	14	KOHGVN08Q	KOHGBN08Q	80	27	17	18	14	17	4	2
3/4	14	KOHGVN12Q	KOHGBN12Q	85	29	19	23	17	20	4	2
1"	11	KOHGVN16T	KOHGBN16T	95	35	22	26	21	24	6	2

スパイラル PT (S) Spiral Fluted Tap for taper pipe short thread

表43 SFT PT(S) Table 43

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)



SIZE		OX	Bright	L	l	le	d	K	Kl	F	JC
		CODE	CODE								
1/8	28	KOSGVN02J	KOSGBN02J	55	16.5	10.5	8	6	9	4	2
1/4	19	KOSGVN04N	KOSGBN04N	62	19.5	12.5	11	9	12	4	2
3/8	19	KOSGVN06N	KOSGBN06N	65	21	14	14	11	14	4	2
1/2	14	KOSGVN08Q	KOSGBN08Q	80	27	17	18	14	17	4	2
3/4	14	KOSGVN12Q	KOSGBN12Q	85	29	19	23	17	20	4	2
1"	11	KOSGVN16T	KOSGBN16T	95	35	22	26	21	24	6	2

インターラップ PT (S) Interrupted Thread Tap for taper pipe short thread

表44 INT PT(S) Table 44

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)



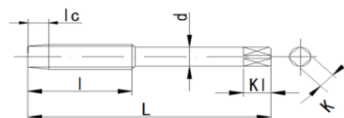
SIZE		OX	Bright	L	l	le	d	K	Kl	F	JC
		CODE	CODE								
1/8	28	KOIGVN02J	KOIGBN02J	55	16.5	10.5	8	6	9	4	2
1/4	19	KOIGVN04N	KOIGBN04N	62	19.5	12.5	11	9	12	4	2
3/8	19	KOIGVN06N	KOIGBN06N	65	21	14	14	11	14	4	2
1/2	14	KOIGVN08Q	KOIGBN08Q	80	27	17	18	14	17	4	2
3/4	14	KOIGVN12Q	KOIGBN12Q	85	29	19	23	17	20	4	2
1"	11	KOIGVN16T	KOIGBN16T	95	35	22	26	21	24	6	2

管用平行タップシリーズ Parallel Pipe Thread Tap (PS/Rp)

一般用PS (Rp) General Application



食付き: 2.5山
Chamfer Length: 2.5 p



管用テーパ雌ねじの平行雌ねじ、及び管用平行雌ねじ加工に使用します。

表45 SKS PS

Table 45

*F: 溝数。(Number of flutes) / JC: JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE		CODE	L	l	d	K	KI	F	JC
1/16	28	SKS01J	52	14	5.6	4.5	7	4	3
1/8	28	SKS02J	55	19	8	6	9	4	3
1/4	19	SKS04N	62	28	11	9	12	4	3
3/8	19	SKS06N	65	28	14	11	14	4	3
1/2	14	SKS08Q	80	35	18	14	17	4	2
5/8	14	SKS10Q	82	35	19	15	18	4	2
3/4	14	SKS12Q	85	35	23	17	20	4	2
7/8	14	SKS14Q	90	40	24	19	22	4	2
1"	11	SKS16T	95	45	26	21	24	4	2
1"1/8	11	SKS18T	100	45	28	21	24	4	2
1"1/4	11	SKS20T	105	45	32	26	30	6	2
1"3/8	11	SKS22T	110	45	38	29	32	6	2
1"1/2	11	SKS24T	110	45	38	29	32	6	2
1"3/4	11	SKS28T	115	45	42	32	35	6	2
2"	11	SKS32T	120	50	46	35	38	6	2

表46 HSS PS

Table 46

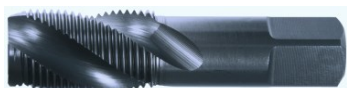
*F: 溝数。(Number of flutes) / JC: JIS規格。(JIS class of the thread limit)

(Unit: mm)

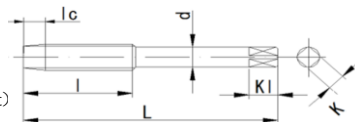
SIZE		OX CODE	Bright CODE	L	l	d	K	KI	F	JC
1/16	28	KOHGVS01J	KOHGBS01J	52	14	5.6	4.5	7	4	2
1/8	28	KOHGVS02J	KOHGBS02J	55	19	8	6	9	4	2
1/4	19	KOHGVS04N	KOHGBS04N	62	28	11	9	12	4	2
3/8	19	KOHGVS06N	KOHGBS06N	65	28	14	11	14	4	2
1/2	14	KOHGVS08Q	KOHGBS08Q	80	35	18	14	17	4	2
5/8	14	KOHGVS10Q	KOHGBS10Q	82	35	19	15	18	4	2
3/4	14	KOHGVS12Q	KOHGBS12Q	85	35	23	17	20	4	2
7/8	14	KOHGVS14Q	KOHGBS14Q	90	40	24	19	22	4	2
1"	11	KOHGVS16T	KOHGBS16T	95	45	26	21	24	4	2
1"1/8	11	KOHGVS18T	KOHGBS18T	100	45	28	21	24	4	2
1"1/4	11	KOHGVS20T	KOHGBS20T	105	45	32	26	30	6	2
1"3/8	11	KOHGVS22T	KOHGBS22T	110	45	38	29	32	6	2
1"1/2	11	KOHGVS24T	KOHGBS24T	110	45	38	29	32	6	2
1"3/4	11	KOHGVS28T	KOHGBS28T	115	45	42	32	35	6	2
2"	11	KOHGVS32T	KOHGBS32T	120	50	46	35	38	6	2

管用平行タップシリーズ Parallel Pipe Thread Tap (PS/Rp)

スパイラルPS (Rp) Spiral Fluted



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



切りくずがコイル状に排出される被削材に適します。Suitabel for materials where chips come out continuously in coil shape.

表47 SFT PS

Table 47

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

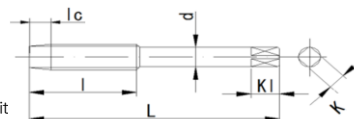
(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l	d	K	Kl	F	JC	
1/16	28	KOSGVS01J	KOSGBS01J	52	14	5.6	4.5	7			
1/8	28	KOSGVS02J	KOSGBS02J	55	19	8	6	9	3	2	
1/4	19	KOSGVS04N	KOSGBS04N	62	28	11	9	12	3	2	
3/8	19	KOSGVS06N	KOSGBS06N	65	28	14	11	14	3	2	
1/2	14	KOSGVS08Q	KOSGBS08Q	80	35	18	14	17	4	2	
3/4	14	KOSGVS12Q	KOSGBS12Q	85	35	23	17	20	4	2	
1"	PS	11	KOSGVS16T	KOSGBS16T	95	45	26	21	24	4	2
1"1/8		11	KOSGVS18T	KOSGBS18T	100	45	28	21	24	4	2
1"1/4		11	KOSGVS20T	KOSGBS20T	105	45	32	26	30	4	2
1"3/8		11	KOSGVS22T	KOSGBS22T	110	45	38	29	32	4	2
1"1/2		11	KOSGVS24T	KOSGBS24T	110	45	38	29	32	4	2
1"3/4		11	KOSGVS28T	KOSGBS28T	115	45	42	32	35		
2"		11	KOSGVS32T	KOSGBS32T	120	50	46	35	38		

ロングシャंकPS (Rp) Long Shank



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



全長は100, 120, 150, 200, 250mmを用意しています。ただし、サイズにより製作可能範囲が異なります。Total length offers 100, 120, 150, 200 and 250mm. The production range depends on the size.

表48 LTPS

Table 48

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

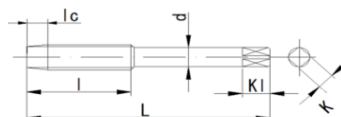
SIZE		OX CODE	Bright CODE	L	l	d	K	Kl	F	JC
1/8	28	KOHGVS02J10	KOHGBS02J10	100	19	8	6	9	4	2
		KOHGVS02J12	KOHGBS02J12	120	19	8	6	9	4	2
		KOHGVS02J15	KOHGBS02J15	150	19	8	6	9	4	2
1/4	19	KOHGVS04N10	KOHGBS04N10	100	28	11	9	12	4	2
		KOHGVS04N12	KOHGBS04N12	120	28	11	9	12	4	2
		KOHGVS04N15	KOHGBS04N15	150	28	11	9	12	4	2
3/8	19	KOHGVS06N10	KOHGBS06N10	100	28	14	11	14	4	2
		KOHGVS06N12	KOHGBS06N12	120	28	14	11	14	4	2
		KOHGVS06N15	KOHGBS06N15	150	28	14	11	14	4	2
1/2	14	KOHGVS08Q12	KOHGBS08Q12	120	35	18	14	17	4	2
		KOHGVS08Q15	KOHGBS08Q15	150	35	18	14	17	4	2
3/4	14	KOHGVS12Q15	KOHGBS12Q15	150	35	23	17	20	4	2
				200	35	23	17	20	4	2
1"	11	KOHGVS16T15	KOHGBS16T15	150	45	26	21	24	4	2
				200	45	26	21	24	4	2

管用平行タップシリーズ Parallel Pipe Thread Tap (PF/G)

一般用PF (G) General Apprication



食付き: 2.5山
Chamfer Length: 2.5 p



管用テーパ雌ネジの平行雌ネジ、及び管用平行雌ネジ加工に使用します。Used for tapping parallel pipe internal thread.

表49 SKS PF

Table 49

*F: 溝数。(Number of flutes) / JC: JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE		CODE	L	l	d	K	KI	F	JC
1/16	28	SKF01J	52	14	5.6	4.5	7	4	3
1/8	28	SKF02J	55	19	8	6	9	4	3
1/4	19	SKF04N	62	28	11	9	12	4	3
3/8	19	SKF06N	65	28	14	11	14	4	3
1/2	14	SKF08Q	80	35	18	14	17	4	2
5/8	14	SKF10Q	82	35	19	15	18	4	2
3/4	14	SKF12Q	85	35	23	17	20	4	2
7/8	14	SKF14Q	90	40	24	19	22	4	2
1"	11	SKF16T	95	45	26	21	24	4	2
1 1/8"	11	SKF18T	100	45	28	21	24	4	2
1 1/4"	11	SKF20T	105	45	32	26	30	6	2
1 3/8"	11	SKF22T	110	45	38	29	32	6	2
1 1/2"	11	SKF24T	110	45	38	29	32	6	2
1 3/4"	11	SKF28T	115	45	42	32	35	6	2
2"	11	SKF32T	120	50	46	35	38	6	2

表50 HSS PF

Table 50

*F: 溝数。(Number of flutes) / JC: JIS規格。(JIS class of the thread limit)

(Unit: mm)

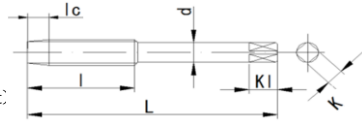
SIZE		OX CODE	Bright CODE	L	l	d	K	KI	F	JC
1/16	28	KOHGVF01J	KOHGBF01J	52	14	5.6	4.5	7	4	2
1/8	28	KOHGVF02J	KOHGBF02J	55	19	8	6	9	4	2
1/4	19	KOHGVF04N	KOHGBF04N	62	28	11	9	12	4	2
3/8	19	KOHGVF06N	KOHGBF06N	65	28	14	11	14	4	2
1/2	14	KOHGVF08Q	KOHGBF08Q	80	35	18	14	17	4	2
5/8	14	KOHGVF10Q	KOHGBF10Q	82	35	19	15	18	4	2
3/4	14	KOHGVF12Q	KOHGBF12Q	85	35	23	17	20	4	2
7/8	14	KOHGVF14Q	KOHGBF14Q	90	40	24	19	22	4	2
1"	11	KOHGVF16T	KOHGBF16T	95	45	26	21	24	4	2
1 1/8"	11	KOHGVF18T	KOHGBF18T	100	45	28	21	24	4	2
1 1/4"	11	KOHGVF20T	KOHGBF20T	105	45	32	26	30	6	2
1 3/8"	11	KOHGVF22T	KOHGBF22T	110	45	38	29	32	6	2
1 1/2"	11	KOHGVF24T	KOHGBF24T	110	45	38	29	32	6	2
1 3/4"	11	KOHGVF28T	KOHGBF28T	115	45	42	32	35	6	2
2"	11	KOHGVF32T	KOHGBF32T	120	50	46	35	38	6	2

管用平行タップシリーズ Parallel Pipe Thread Tap (PF/G)

スパイラルPF (G) Spiral Fluted



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



切りくずがコイル状に排出される被削材に適します。Suitabel for materials where chips come out continuously in coil shape.

表51 SFT PF

Table 51

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

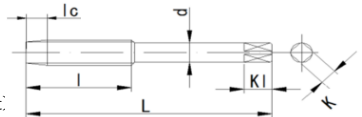
(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l	d	K	KI	F	JC
1/16	28	K0SGVF01J	K0SGBF01J	52	14	5.6	4.5	7		
1/8	28	K0SGVF02J	K0SGBF02J	55	19	8	6	9	3	2
1/4	19	K0SGVF04N	K0SGBF04N	62	28	11	9	12	3	2
3/8	19	K0SGVF06N	K0SGBF06N	65	28	14	11	14	3	2
1/2	14	K0SGVF08Q	K0SGBF08Q	80	35	18	14	17	4	2
3/4	14	K0SGVF12Q	K0SGBF12Q	85	35	23	17	20	4	2
1"	11	K0SGVF16T	K0SGBF16T	95	45	26	21	24	4	2
1"1/8	11	K0SGVF18T	K0SGBF18T	100	45	28	21	24	4	2
1"1/4	11	K0SGVF20T	K0SGBF20T	105	45	32	26	30	4	2
1"3/8	11	K0SGVF22T	K0SGBF22T	110	45	38	29	32	4	2
1"1/2	11	K0SGVF24T	K0SGBF24T	110	45	38	29	32	4	2
1"3/4	11	K0SGVF28T	K0SGBF28T	115	45	42	32	35		
2"	11	K0SGVF32T	K0SGBF32T	120	50	46	35	38		

ロングシャंकPF (G) Long Shank



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



全長は100, 120, 150, 200, 250mmを用意しています。ただし、サイズにより製作可能範囲が異なります。Total length offers 100, 120, 150, 200 and 250mm. The production range depends on the size.

表52 LTPF

Table 52

*F : 溝数。(Number of flutes) / JC : JIS規格。(JIS class of the thread limit)

(Unit: mm)

SIZE		CODE		L	l	d	K	KI	F	JC
1/8	28	K0HGVF02J10	K0HGBF02J10	100	19	8	6	9	4	2
		K0HGVF02J12	K0HGBF02J12	120	19	8	6	9	4	2
		K0HGVF02J15	K0HGBF02J15	150	19	8	6	9	4	2
1/4	19	K0HGVF04N10	K0HGBF04N10	100	28	11	9	12	4	2
		K0HGVF04N12	K0HGBF04N12	120	28	11	9	12	4	2
		K0HGVF04N15	K0HGBF04N15	150	28	11	9	12	4	2
3/8	19	K0HGVF06N10	K0HGBF06N10	100	28	14	11	14	4	2
		K0HGVF06N12	K0HGBF06N12	120	28	14	11	14	4	2
		K0HGVF06N15	K0HGBF06N15	150	28	14	11	14	4	2
1/2	14	K0HGVF08Q12	K0HGBF08Q12	120	35	18	14	17	4	2
		K0HGVF08Q15	K0HGBF08Q15	150	35	18	14	17	4	2
3/4	14	K0HGVF12Q15	K0HGBF12Q15	150	35	23	17	20	4	2
				200	35	23	17	20	4	2
1"	11	K0HGVF16T15	K0HGBF16T15	150	45	26	21	24	4	2
				200	45	26	21	24	4	2

米式管用テーパタップシリーズ American pipe thread tap (NPT)

一般用NPT General Application



食付き: 2.5山
Chamfer Length: 2.5 p

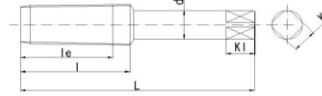


表53 SKS NPT

Table 53

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		CODE	L	l	le	d	K	Kl	F
1/16	27	SKH01K	55	18	12.00	8	6	9	4
1/8	27	SKH02K	55	19	12.05	8	6	9	4
1/4	18	SKH040	62	28	17.45	11	9	12	4
3/8	18	SKH060	65	28	17.65	14	11	14	4
1/2	14	SKH08Q	80	35	22.85	18	14	17	4
3/4	14	SKH12Q	85	35	22.95	23	17	20	5
1"	11 .1/2	SKH16S	95	45	27.40	26	21	24	5
1"1/4	11 .1/2	SKH20S	105	45	28.10	32	26	30	5
1"1/2	11 .1/2	SKH24S	110	45	28.40	38	29	32	7
2"	11 .1/2	SKH32S	120	50	28.00	46	35	38	7

表54 HSS NPT

Table 54

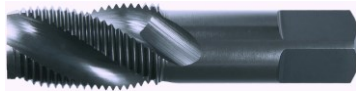
*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l	le	d	K	Kl	F
1/16	27	KOHGVH01K	KOHGBH01K	55	18	12.00	8	6	9	4
1/8	27	KOHGVH02K	KOHGBH02K	55	19	12.05	8	6	9	4
1/4	18	KOHGVH040	KOHGBH040	62	28	17.45	11	9	12	4
3/8	18	KOHGVH060	KOHGBH060	65	28	17.65	14	11	14	4
1/2	14	KOHGVH08Q	KOHGBH08Q	80	35	22.85	18	14	17	4
3/4	14	KOHGVH12Q	KOHGBH12Q	85	35	22.95	23	17	20	5
1"	11 .1/2	KOHGVH16S	KOHGBH16S	95	45	27.40	26	21	24	5
1"1/4	11 .1/2	KOHGVH20S	KOHGBH20S	105	45	28.10	32	26	30	5
1"1/2	11 .1/2	KOHGVH24S	KOHGBH24S	110	45	28.40	38	29	32	7
2"	11 .1/2	KOHGVH32S	KOHGBH32S	120	50	28.00	46	35	38	7

米式管用テーパタップシリーズ American pipe thread tap (NPT)

スパイラルNPT Spiral Fluted



- ①食付: 2.5山 (Chamfer Length: 2.5φ)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)

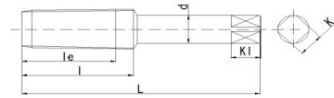


表55 SFT NPT

Table 55

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l	le	d	K	Kl	F
1/16	27	KOSGVH01K	KOSGBH01K	55	18	12.00	8	6	9	3
1/8	27	KOSGVH02K	KOSGBH02K	55	19	12.05	8	6	9	3
1/4	18	KOSGVH040	KOSGBH040	62	28	17.45	11	9	12	3
3/8	18	KOSGVH060	KOSGBH060	65	28	17.65	14	11	14	3
1/2	14	KOSGVH08Q	KOSGBH08Q	80	35	22.85	18	14	17	4
3/4	14	KOSGVH12Q	KOSGBH12Q	85	35	22.95	23	17	20	4
1"	11 .1/2	KOSGVH16S	KOSGBH16S	95	45	27.40	26	21	24	4
1"1/4	11 .1/2	KOSGVH20S	KOSGBH20S	105	45	28.10	32	26	30	4
1"1/2	11 .1/2	KOSGVH24S	KOSGBH24S	110	45	28.40	38	29	32	4
2"	11 .1/2	KOSGVH32S	KOSGBH32S	120	50	28.00	46	35	38	4

ロングシャンクNPT Long Shank



- ①食付: 2.5山 (Chamfer Length: 2.5φ)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)

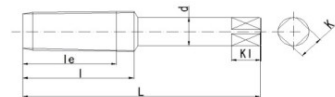


表56 LTNP

Table 56

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l	le	d	K	Kl	F
1/8	27	KOHGVH02K10	KOHGBH02K10	100	19	12.1	8	6	9	4
		KOHGVH02K12	KOHGBH02K12	120	19	12.1	8	6	9	4
		KOHGVH02K15	KOHGBH02K15	150	19	12.1	8	6	9	4
1/4	18	KOHGVH04010	KOHGBH04010	100	28	17.5	11	9	12	4
		KOHGVH04012	KOHGBH04012	120	28	17.5	11	9	12	4
		KOHGVH04015	KOHGBH04015	150	28	17.5	11	9	12	4
3/8	18	KOHGVH06010	KOHGBH06010	100	28	17.7	14	11	14	4
		KOHGVH06012	KOHGBH06012	120	28	17.7	14	11	14	4
		KOHGVH06015	KOHGBH06015	150	28	17.7	14	11	14	4
1/2	14	KOHGVH08Q12	KOHGBH08Q12	120	35	22.9	18	14	17	4
		KOHGVH08Q15	KOHGBH08Q15	150	35	22.9	18	14	17	4
3/4	14	KOHGVH12Q15	KOHGBH12Q15	150	35	23	23	17	20	5
				200	35	23	23	17	20	5
1"	11 .1/2	KOHGVH16S15	KOHGBH16S15	150	45	27.4	26	21	24	5
				200	45	27.4	26	21	24	5

米式管用平行タップシリーズ American pipe thread tap (NPS)

一般用NPS General Application



食付き: 2.5山
Chamfer Length: 2.5 p

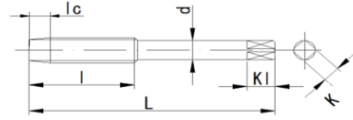


表57 SKS NPS

Table 57

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		CODE	L	l		d	K	Kl	F
1/16	27	SKJ01K2	55	18	NPS	8	6	9	4
1/8	27	SKJ02K2	55	19		8	6	9	4
1/4	18	SKJ0402	62	28		11	9	12	4
3/8	18	SKJ0602	65	28		14	11	14	4
1/2	14	SKJ08Q2	80	35		18	14	17	4
3/4	14	SKJ12Q2	85	35		23	17	20	5
1"	11 .1/2	SKJ16S2	95	45		26	21	24	5
1"1/4	11 .1/2	SKJ20S2	105	45		32	26	30	6
1"1/2	11 .1/2	SKJ24S2	110	45		38	29	32	6
2"	11 .1/2	SKJ32S2	120	50		46	35	38	6

表58 HSS NPS

Table 58

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l		d	K	Kl	F
1/16	27	KOHGVJ01K2	KOHGBJ01K2	55	18	HSS NPS	8	6	9	4
1/8	27	KOHGVJ02K2	KOHGBJ02K2	55	19		8	6	9	4
1/4	18	KOHGVJ0402	KOHGBJ0402	62	28		11	9	12	4
3/8	18	KOHGVJ0602	KOHGBJ0602	65	28		14	11	14	4
1/2	14	KOHGVJ08Q2	KOHGBJ08Q2	80	35		18	14	17	4
3/4	14	KOHGVJ12Q2	KOHGBJ12Q2	85	35		23	17	20	5
1"	11 .1/2	KOHGVJ16S2	KOHGBJ16S2	95	45		26	21	24	5
1"1/4	11 .1/2	KOHGVJ20S2	KOHGBJ20S2	105	45		32	26	30	6
1"1/2	11 .1/2	KOHGVJ24S2	KOHGBJ24S2	110	45		38	29	32	6
2"	11 .1/2	KOHGVJ32S2	KOHGBJ32S2	120	50		46	35	38	6

米式管用平行タップシリーズ American pipe thread tap (NPS)

スパイラルNPS Spiral Fluted



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)

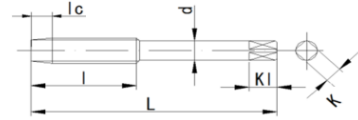


表59 SFT NPS

Table 59

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l		d	K	Kl	F
1/16	27	KOSGVJ01K	KOSGBJ01K	55	18		8	6	9	3
1/8	27	KOSGVJ02K	KOSGBJ02K	55	19		8	6	9	3
1/4	18	KOSGVJ040	KOSGBJ040	62	28		11	9	12	3
3/8	18	KOSGVJ060	KOSGBJ060	65	28		14	11	14	3
1/2	14	KOSGVJ08Q	KOSGBJ08Q	80	35		18	14	17	4
3/4	14	KOSGVJ12Q	KOSGBJ12Q	85	35		23	17	20	4
1"	11 .1/2	KOSGVJ16S	KOSGBJ16S	95	45		26	21	24	4
1"1/4	11 .1/2	KOSGVJ20S	KOSGBJ20S	105	45		32	26	30	4
1"1/2	11 .1/2	KOSGVJ24S	KOSGBJ24S	110	45		38	29	32	4
2"	11 .1/2	KOSGVJ32S	KOSGBJ32S	120	50		46	35	38	4

ロングシャंकNPS Long Shank



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)

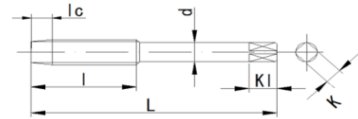


表60 LTNPS

Table 60

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l		d	K	Kl	F
1/8	27	KOHGVJ02K10	KOHGBJ02K10	100	19		8	6	9	4
		KOHGVJ02K12	KOHGBJ02K12	120	19		8	6	9	4
		KOHGVJ02K15	KOHGBJ02K15	150	19		8	6	9	4
1/4	18	KOHGVJ04010	KOHGBJ04010	100	28		11	9	12	4
		KOHGVJ04012	KOHGBJ04012	120	28		11	9	12	4
		KOHGVJ04015	KOHGBJ04015	150	28		11	9	12	4
3/8	18	KOHGVJ06010	KOHGBJ06010	100	28		14	11	14	4
		KOHGVJ06012	KOHGBJ06012	120	28		14	11	14	4
		KOHGVJ06015	KOHGBJ06015	150	28		14	11	14	4
1/2	14	KOHGVJ08Q12	KOHGBJ08Q12	120	35		18	14	17	4
		KOHGVJ08Q15	KOHGBJ08Q15	150	35		18	14	17	4
3/4	14	KOHGVJ12Q15	KOHGBJ12Q15	150	35		23	17	20	5
				200	35		23	17	20	5
1"	11 .1/2	KOHGVJ16S15	KOHGBJ16S15	150	45		26	21	24	5
				200	45		26	21	24	5

BS規格 管用平行タップシリーズ British standard Parallel Pipe Thread Tap (BSP)

一般用BSP (General Application)



食付き：中(#2)・5山、上(#3)・1.5山
(Chamfer length : Plug 5p, Bottom 1.5p)

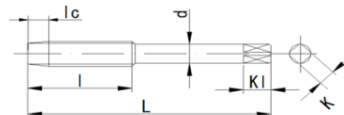


表61 SKS BSP

Table 61

*F：溝数。(Number of flutes)

☆2P SETは中・上の2本1組です。(“2P SET” consists of plug and bottom)

(Unit: mm)

SIZE	食付 Chamfer	SKS	L	l	d	K	KI	F
		CODE						
1/8	5	SKD02J2	54.0	19.0	8.08	6.05	8.0	4
	1.5	SKD02J3						
	2P SET	SKD02JP						
1/4	5	SKD04N2	62.0	27.0	10.90	8.15	11.0	4
	1.5	SKD04N3						
	2P SET	SKD04NP						
3/8	5	SKD06N2	65.0	27.0	13.76	10.30	12.7	4
	1.5	SKD06N3						
	2P SET	SKD06NP						
1/2	5	SKD08Q2	79.4	34.9	17.45	13.08	15.9	4
	1.5	SKD08Q3						
	2P SET	SKD08QP						
5/8	5	SKD10Q2	81.0	34.90	20.32	15.24	17.5	4
	1.5	SKD10Q3						
	2P SET	SKD10QP						
3/4	5	SKD12Q2	83.0	35.0	23.00	17.20	16.0	4
	1.5	SKD12Q3						
	2P SET	SKD12QP						
7/8	5	SKD14Q2	88.9	39.7	27.80	20.60	19.0	4
	1.5	SKD14Q3						
	2P SET	SKD14QP						
1"	5	SKD16T2	95.0	44.0	28.57	21.40	21.0	4
	1.5	SKD16T3						
	2P SET	SKD16TP						
1"1/4	5	SKD20T2	101.5	44.5	33.30	25.00	24.0	6
	1.5	SKD20T3						
	2P SET	SKD20TP						
1"1/2	5	SKD24T2	108.0	45.0	38.10	28.58	25.0	6
	1.5	SKD24T3						
	2P SET	SKD24TP						
1"3/4	5	SKD28T2	111.1	44.5	41.28	30.90	27.0	6
	1.5	SKD28T3						
	2P SET	SKD28TP						
2"	5	SKD32T2	114.3	44.5	47.63	35.70	28.6	6
	1.5	SKD32T3						
	2P SET	SKD32TP						

BS規格 管用平行タップシリーズ British standard Parallel Pipe Thread Tap (BSP)

表62 HSS BSP

Table 62

*F: 溝数。(Number of flutes)

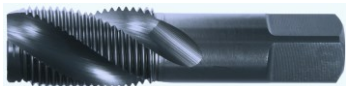
☆2P SETは中・上の2本1組です。(“2P SET” consists of plug and bottom.)

(Unit: mm)

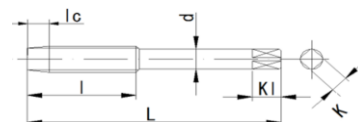
SIZE	食付 Chamfer	OX	Bright	L	l	d	K	Kl	F	
		CODE	CODE							
1/8	28	5	KOHGVD02J2	KOHGBD02J2	54.0	19.0	8.08	6.05	8.0	4
		1.5	KOHGVD02J3	KOHGBD02J3						
		2P SET	KOHGVD02JP	KOHGBD02JP						
1/4	19	5	KOHGVD04N2	KOHGBD04N2	62.0	27.0	10.90	8.15	11.0	4
		1.5	KOHGVD04N3	KOHGBD04N3						
		2P SET	KOHGVD04NP	KOHGBD04NP						
3/8	19	5	KOHGVD06N2	KOHGBD06N2	65.0	27.0	13.75	10.30	12.7	4
		1.5	KOHGVD06N3	KOHGBD06N3						
		2P SET	KOHGVD06NP	KOHGBD06NP						
1/2	14	5	KOHGVD08Q2	KOHGBD08Q2	79.4	34.9	17.45	13.08	15.9	4
		1.5	KOHGVD08Q3	KOHGBD08Q3						
		2P SET	KOHGVD08QP	KOHGBD08QP						
5/8	14	5	KOHGVD10Q2	KOHGBD10Q2	81.0	34.90	20.32	15.24	17.5	4
		1.5	KOHGVD10Q3	KOHGBD10Q3						
		2P SET	KOHGVD10QP	KOHGBD10QP						
3/4	14	5	KOHGVD12Q2	KOHGBD12Q2	83.0	35.0	23.00	17.20	16.0	4
		1.5	KOHGVD12Q3	KOHGBD12Q3						
		2P SET	KOHGVD12QP	KOHGBD12QP						
7/8	14	5	KOHGVD14Q2	KOHGBD14Q2	88.9	39.7	27.80	20.60	19.0	4
		1.5	KOHGVD14Q3	KOHGBD14Q3						
		2P SET	KOHGVD14QP	KOHGBD14QP						
1"	11	5	KOHGVD16T2	KOHGBD16T2	95.0	44.0	28.57	21.40	21.0	4
		1.5	KOHGVD16T3	KOHGBD16T3						
		2P SET	KOHGVD16TP	KOHGBD16TP						
1"1/4	11	5	KOHGVD20T2	KOHGBD20T2	101.5	44.5	33.30	25.00	24.0	6
		1.5	KOHGVD20T3	KOHGBD20T3						
		2P SET	KOHGVD20TP	KOHGBD20TP						
1"1/2	11	5	KOHGVD24T2	KOHGBD24T2	108.0	45.0	38.10	28.58	25.0	6
		1.5	KOHGVD24T3	KOHGBD24T3						
		2P SET	KOHGVD24TP	KOHGBD24TP						
1"3/4	11	5	KOHGVD28T2	KOHGBD28T2	111.1	44.5	41.28	30.90	27.0	6
		1.5	KOHGVD28T3	KOHGBD28T3						
		2P SET	KOHGVD28TP	KOHGBD28TP						
2"	11	5	KOHGVD32T2	KOHGBD32T2	114.3	44.5	47.63	35.70	28.6	6
		1.5	KOHGVD32T3	KOHGBD32T3						
		2P SET	KOHGVD32TP	KOHGBD32TP						

BS規格 管用平行タップシリーズ British standard Parallel Pipe Thread Tap (BSP)

スパイラル BSP Spiral Fluted



- ①食付: 2.5山 (Chamfer Length: 2.5p)
- ②材質: HSS (Material)
- ③表面処理: ホモ処理 (Surface: OX or Bright)



切りくずがコイル状に排出される被削材に適します。Suitabel for materials where chips come out continuously in coil shape.

表64 SFT BSP

Table 64

*F: 溝数。(Number of flutes)

(Unit: mm)

SIZE		OX CODE	Bright CODE	L	l	d	K	KI	F
1/8	28	KOSGVS02J	KOSGBS02J	54.0	19.0	8.077	6.045	8.0	4
1/4	19	KOSGVS04N	KOSGBS04N	62.0	27.0	10.900	8.150	11.0	4
3/8	19	KOSGVS06N	KOSGBS06N	65.0	27.0	13.750	10.300	12.7	4
1/2	14	KOSGVS08Q	KOSGBS08Q	79.4	34.9	17.450	13.080	15.9	4
3/4	14	KOSGVS12Q	KOSGBS12Q	83.0	35.0	23.000	17.200	16.0	4
1"	11	KOSGVS16T	KOSGBS16T	95.0	44.0	28.570	21.400	21.0	4
1"1/4	11	KOSGVS20T	KOSGBS20T	101.5	44.5	33.300	25.000	24.0	6
1"1/2	11	KOSGVS24T	KOSGBS24T	108.0	45.0	38.100	28.575	25.0	6
1"3/4	11	KOSGVS28T	KOSGBS28T	111.1	44.5	41.275	30.900	27.0	6
2"	11	KOSGVS32T	KOSGBS32T	114.3	44.5	47.625	35.700	28.6	6

BS規格 管用テーパタップシリーズ British standard Taper Pipe Thread Tap (BSPT)

一般用BSPT (General Application)



食付き：中(#2)・5山、上(#3)・1.5山
(Chamfer length : Plug 5p, Bottom 1.5p)

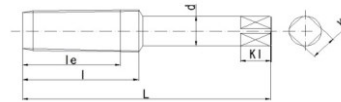


表65 SKS BSPT

Table 65

*F：溝数。(Number of flutes)

☆2P SETは中・上の2本1組です。(“2P SET” consists of plug and bottom.)

(Unit: mm)

SIZE	食付 Chamfer	SKS	L	l	Le	d	K	Kl	F	
		CODE								
1/8	28	5	54.0	19.0	12.664	8.077	6.045	8.0	4	
		1.5								SKE02J3
		2P SET								SKE02JP
1/4	19	5	62.0	26.0	20.672	10.900	8.150	11.0	4	
		1.5								SKE04N3
		2P SET								SKE04NP
3/8	BSPT 19	5	65.0	27.0	20.664	13.760	10.312	12.7	4	
		1.5								SKE06N3
		2P SET								SKE06NP
1/2	14	5	79.4	34.9	25.496	17.450	13.080	15.9	4	
		1.5								SKE08Q3
		2P SET								SKE08QP
3/4	14	5	82.5	35.9	26.380	23.012	17.247	15.8	4	
		1.5								SKE12Q3
		2P SET								SKE12QP

表66 HSS BSPT

Table 66

*F：溝数。(Number of flutes)

☆2P SETは中・上の2本1組です。(“2P SET” consists of plug and bottom.)

(Unit: mm)

SIZE	食付 Chamfer	OX	Bright	L	l	Le	d	K	Kl	F	
		CODE	CODE								
1/8	28	5	KOHGVE02J2	54.0	19.0	12.664	8.077	6.045	8.0	4	
		1.5	KOHGVE02J3								KOHGBE02J3
		2P SET	KOHGVE02JP								KOHGBE02JP
1/4	19	5	KOHGVE04N2	62.0	27.0	20.672	10.900	8.150	11.0	4	
		1.5	KOHGVE04N3								KOHGBE04N3
		2P SET	KOHGVE04NP								KOHGBE04NP
3/8	BSPT 19	5	KOHGVE06N2	65.0	27.0	20.664	13.750	10.300	12.7	4	
		1.5	KOHGVE06N3								KOHGBE06N3
		2P SET	KOHGVE06NP								KOHGBE06NP
1/2	14	5	KOHGVE08Q2	79.4	34.9	25.496	17.450	13.080	15.9	4	
		1.5	KOHGVE08Q3								KOHGBE08Q3
		2P SET	KOHGVE08QP								KOHGBE08QP
3/4	14	5	KOHGVE12Q2	83.0	35.0	26.380	23.000	17.200	16.0	4	
		1.5	KOHGVE12Q3								KOHGBE12Q3
		2P SET	KOHGVE12QP								KOHGBE12QP

面取り工具(Countersink)



面取り、バリ取り専用工具

Special tool for countersinking and deburring

- ◎C面加工、サラビス取付の面取り、バリ取りに最適です。
- ◎従来のドリル加工と違い一本で広範囲の加工が可能。

Suitable for countersinking round holes and set hole for small screw and bolt.

(Unit: mm)

【 CD I シリーズ 】

- ◎ 特に非鉄金属に効果があります。
 - ◎ 面取り角度は、90°60°120°の3タイプです。
 - ◎ シャンク形状はストレート (ST)とモールステーパ (MT)の2タイプです。
 - ◎ STシャンク・面取り角度90°タイプには、耐摩耗性・耐溶着性に優れたTINコーティングシリーズがあります。
- It is suitable for the nonferrous materials such as aluminum or copper.
- There are three cutting angle, 90, 60 and 120.

図1-STシャンク

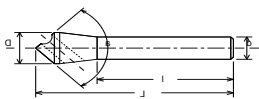
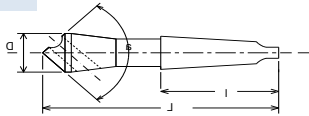


図2-MTシャンク



CD I 90°(04S -08ST)



CD I 90°(09ST6 -50ST16)



CD I 90°(HEX)



CD I 90°(MT)

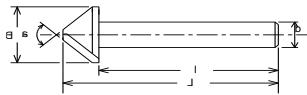


CD I ストレートシャンク					90°		60°		120°	
SIZE	D	d	L	l	CODE	面取り範囲	CODE	面取り範囲	CODE	面取り範囲
04 ST 4	4	4	50		C1B0404	2-3				
06 ST 6	6	6	50		C1B0606	3-5				
08 ST 8	8	8	50		C1B0808	4-7				
09 ST 6	10	6	55	42.0	C1B0606	4-9	C1A0906	4-9	C1C0906	4-9
14 ST 8	15	8	70	50.0	C1B1408	6-14	C1A1408	6-14	C1C1408	6-14
18 ST 10	20	10	100	70.0	C1B1800	8-18	C1A1800	8-18	C1C1800	8-18
23 ST 12	25	12	110	73.0	C1B230A	10-23	C1A230A	10-23	C1C230A	10-23
28 ST 12	30	12	120	70.0	C1B280A	12-28	C1A280A	12-28	C1C280A	12-28
33 ST 12	35	12	135	80.5	C1B330A	14-33				
40 ST 12	40	12	140	66.0	C1B400A	20-38				
50 ST 16	50	16	140	59.0	C1B500B	20-48				
CD I ストレートシャンク TIN					90°		60°		120°	
SIZE	D	d	L	l	CODE	面取り範囲	CODE	面取り範囲	CODE	面取り範囲
04 ST 4	4	4	50		C1BT0404	2-3				
06 ST 6	6	6	50		C1BT0606	3-5				
08 ST 8	8	8	50		C1BT0808	4-7				
09 ST 6	10	6	55	42.0	C1BT0606	4-9	C1AT0906	4-9	C1CT0906	4-9
14 ST 8	15	8	70	50.0	C1BT1408	6-14	C1AT1408	6-14	C1CT1408	6-14
18 ST 10	20	10	100	70.0	C1BT1800	8-18	C1AT1800	8-18	C1CT1800	8-18
23 ST 12	25	12	110	73.0	C1BT230A	10-23	C1AT230A	10-23	C1CT230A	10-23
28 ST 12	30	12	120	70.0	C1BT280A	12-28	C1AT280A	12-28	C1CT280A	12-28
33 ST 12	35	12	135	80.5	C1BT330A	14-33				
40 ST 12	40	12	140	66.0	C1BT400A	20-38				
50 ST 16	50	16	140	59.0	C1BT500B	20-48				
CD I モールステーパ-シャンク					90°		60°		120°	
SIZE	D	d	L	l	CODE	面取り範囲	CODE	面取り範囲	CODE	面取り範囲
09 MT 1	10		106	65.5	C1B0901	4-9	C1A0901	4-9	C1C0901	4-9
14 MT 1	15		120	65.5	C1B1401	6-14	C1A1401	6-14	C1C1401	6-14
14 MT 2	15		143	80.0	C1B1402	6-14	C1A1402	6-14	C1C1402	6-14
18 MT 1	20		131	65.5	C1B1801	8-18	C1A1801	8-18	C1C1801	8-18
18 MT 2	20		153	80.0	C1B1802	8-18	C1A1802	8-18	C1C1802	8-18
23 MT 1	25		141	65.5	C1B2301	10-23	C1A2301	10-23	C1C2301	10-23
23 MT 2	25		167	80.0	C1B2302	10-23	C1A2302	10-23	C1C2302	10-23
28 MT 2	30		174	80.0	C1B2802	12-28	C1A2802	12-28	C1C2802	12-28
28 MT 3	30		199	99.0	C1B2803	12-28	C1A2803	12-28	C1C2803	12-28
33 MT 2	35		180	80.0	C1B3302	14-33	C1A3302	14-33	C1C3302	14-33
33 MT 3	35		205	99.0	C1B3303	14-33	C1A3303	14-33	C1C3303	14-33
38 MT 2	40		185	80.0	C1B3802	16-36	C1A3802	16-36	C1C3802	16-36
38 MT 3	40		210	99.0	C1B3803	16-36	C1A3803	16-36	C1C3803	16-36
40 MT 3	40		170	99.0	C1B4003	20-38	C1A4003	20-38	C1C4003	20-38
50 MT 3	50		180	99.0	C1B5003	25-48	C1A5003	25-48	C1C5003	25-48
60 MT 3	60		200	99.0	C1B6003	30-58	C1A6003	30-58	C1C6003	30-58
80 MT 3	80		200	99.0	C1B8003	40-78		40-78		40-78
100 MT 3	100		210	99.0	C1B1003	50-98		50-98		50-98

材質 (Material) : HSS
(注意) 上記寸法は90°タイプの規格です。

【CDII】

(1枚刃タイプ)



- ◎特にS45C、FC、SKDなどに効果があります。
- ◎面取り角度は、90°60°120°の3タイプです。
- ◎シャンク形状はストレート (ST)とモールステーパ- (MT)の2タイプです。

◎STシャンク・面取り角度90°タイプには、耐摩耗性・耐溶着性に優れたTiNコーティングシリーズがあります。

It is single cutting edge type.It is suitable for hard and brittle materials such as cast iron.There are three cutting angle, 90, 60 and 120.

CD IIストレートシャンク					90°		60°		120°	
SIZE	D	d	L	I	CODE	面取り範囲	CODE	面取り範囲	CODE	面取り範囲
07 ST 8	8	8	55.0		C2B0708	2-7	C2A0708	3-7	C2C0708	3-7
15 ST 8	16	8	65.0	50.0	C2B1508	3-15	C2A1508	5-15	C2C1508	4-15
25 ST 10	26	10	80.0	65.0	C2B2500	6-25	C2A2500	8-25	C2C2500	6-25
35 ST 12	36	12	90.0	74.0	C2B350A	11-35	C2A350A	20-35	C2C350A	10-35
45 ST 12	46	12	95.0	76.0	C2B450A	16-45	C2A450A	25-45	C2C450A	14-45
50 ST 16	50	16	100.0	75.0	C2B500B	12-48				
15 MT 1	16		120.0	65.0	C2B1501	3-15	C2A1501		C2C1501	
15 MT 2	16		140.0	80.0	C2B1502	3-15	C2A1502		C2C1502	
25 MT 1	26		125.0	65.0	C2B2501	6-25	C2A2501		C2C2501	
25 MT 2	26		145.0	80.0	C2B2502	6-25	C2A2502		C2C2502	
35 MT 2	36		145.0	80.0	C2B3502	11-35	C2A3502		C2C3502	
35 MT 3	36		180.0	99.0	C2B3503	11-35	C2A3503		C2C3503	
45 MT 2	46		150.0	80.0	C2B4502	16-45	C2A4502		C2C4502	
45 MT 3	46		185.0	99.0	C2B4503	16-45	C2A4503		C2C4503	
60 MT 3	60		195.0	99.0	C2B6003	12-58	C2A6003		C2C6003	
80 MT 3	80		200.0	99.0	C2B8003	30-78	C2A8003		C2C8003	
100 MT 3	100		220.0	99.0	C2B1003	50-99	C2A1003		C2C1003	

(注意) 上記寸法は、90°タイプの規格です。

CD IIストレートシャンク TiN					90°		60°		120°	
SIZE	D	d	L	I	CODE	面取り範囲	CODE	面取り範囲	CODE	面取り範囲
07 ST 8	8	8	55.0		C2BT0708	2-7	C2AT0708	3-7		3-7
15 ST 8	16	8	65.0	50.0	C2BT1508	3-15	C2AT1508	5-15		4-15
25 ST 10	26	10	80.0	65.0	C2BT2500	6-25	C2AT2500	8-25		6-25
35 ST 12	36	12	90.0	74.0	C2BT350A	11-35		20-35		10-35
45 ST 12	46	12	95.0	76.0	C2BT450A	16-45		25-45		14-45
50 ST 16	50	16	100.0	75.0	C2BT500BT					
15 MT 1	16		120.0	65.0	C2BT1501					
15 MT 2	16		140.0	80.0	C2BT1502					
25 MT 1	26		125.0	65.0	C2BT2501					
25 MT 2	26		145.0	80.0	C2BT2502					
35 MT 2	36		145.0	80.0	C2BT3502					
35 MT 3	36		180.0	99.0	C2BT3503					
45 MT 2	46		150.0	80.0	C2BT4502					
45 MT 3	46		185.0	99.0	C2BT4503					
60 MT 3	60		195.0	99.0	C2BT6003					
80 MT 3	80		200.0	99.0	C2BT8003					
100 MT 3	100		220.0	99.0	C2BT1003					

【CDIII】

(3枚刃タイプ)



- ◎ CD II に比べ、寿命のUPが図られています。
- ◎ 横送り加工が可能です。
- ◎ 面取り角度は、90°です。
- ◎ シャンク形状はストレート (ST)です。
- ◎ TiNコーティングシリーズもあります。

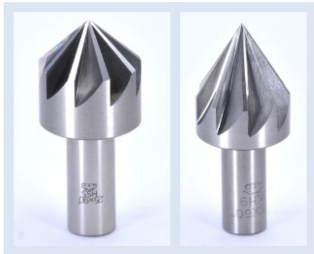
CD IIIストレートシャンク						
SIZE	D	d	L	I	範囲	CODE
07 ST 8	8	8	55.0		2-7	C3B0708
15 ST 8	16	8	65.0	50.0	6-15	C3B1508
25 ST 10	26	10	80.0	65.0	9-25	C3B2500
35 ST 12	36	12	90.0	74.0	11-35	C3B350A
45 ST 12	46	12	95.0	76.0	16-45	C3B450A

It is triple cutting edge type.It is suitable for hard and brittle materials such as cast iron.Tool life is longer than CD II series.It is for machining center use.

CD IIIストレートシャンク TiN						
SIZE	D	d	L	I	範囲	CODE
07 ST 8	8	8	55.0		2-7	C3BT0708
15 ST 8	16	8	65.0	50.0	6-15	C3BT1508
25 ST 10	26	10	80.0	65.0	9-25	C3BT2500
35 ST 12	36	12	90.0	74.0	11-35	C3BT350A
45 ST 12	46	12	95.0	76.0	16-45	C3BT450A

【 CR 】

(センターリマ- 多数刃)



◎ 面取り角度は、90°と60°です。

It is multiple cutting edge type.

◎ シャンク形状はストレート (ST)です。

There are two cutting angle, 90 and 60.

CR 外径	柄径	刃数	先端径	CODE	全長 90	CODE	全長 60
6	6	7		RB060	44	RA060	45
8	6	7		RB080	47	RA080	50
10	6	7		RB100	48	RA100	52
12	8	7		RB120	50	RA120	54
16	10	7		RB160	52	RA160	58
20	10	7		RB200	56	RA200	62
25	12	9		RB250	62	RA250	64
30	12	9		RB300	62	RA300	69
35	12	9	3.5	RB350	70	RA350	79
40	12	11	6.0	RB400	73	RA400	84
45	12	11	6.0	RB450	83	RA450	96
50	12	13	6.0	RB500	84	RA500	98
60	12.7	13	6.0	RB600	95	RA600	113

調整ねじ式ダイス ミリねじ用 (Adjustable Round Die for Metric thread)



一般的なねじ切り用として、手回しまたは、機械用として使用します。

また、調整ねじで寸法を調整することができます。

The most common thread cutting dies. Used by hand as

1.材質：SKS2 2.食付き部長さ：表面 2~2.5山 裏面 1~1.5山

3.裏面逃げ：○印 有り（食付きなし）

Material：SKS2.

Chamfer length：Front face 2~2.5 pitches / Rear face 1~1.5 pitches.

SIZE		20径 厚(Thickness)：7			25径 厚(Thickness)：9		
		CODE	切りず穴数	裏面逃げ	CODE	切りず穴数	裏面逃げ
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess
M 2	× 0.4	DA2.0E	3	○		3	○
M 2.3	× 0.4	DA2.3E		○			○
M 2.5	× 0.45	DA2.5F		○	DB2.5F		○
M 2.6	× 0.45	DA2.6F		○	DB2.6F		○
M 3	× 0.5	DA3.0G		○	DB3.0G		○
	× 0.6	DA3.0H		○	DB3.0H		○
M 3.5	× 0.6	DA3.5H		○	DB3.5H		○
M 4	× 0.7	DA4.0I			DB4.0I		○
	× 0.75	DA4.0J			DB4.0J		○
	× 0.5	DA4.0G		○	DB4.0G		○
M 4.5	× 0.75	DA4.5J		DB4.5J	○		
	× 0.5	DA4.5G	○	DB4.5G	○		
M 5	× 0.8	DA5.0K	4		DB5.0K	4	
	× 0.9	DA5.0L			DB5.0L		
	× 0.75	DA5.0J			DB5.0J		○
	× 0.5	DA5.0G		○	DB5.0G		○
M 5.5	× 0.9	DA5.5L			DB5.5L		
M 6	× 1	DA6.0M	5		DB6.0M	4	
	× 0.75	DA6.0J			DB6.0J		○
	× 0.5	DA6.0G		○	DB6.0G		○
M 7	× 1				DB7.0M		
	× 0.75				DB7.0J		
	× 0.5			○	DB7.0G		○
M 8	× 1.25		5		DB8.0N	4	
	× 1				DB8.0M		
	× 0.75				DB8.0J		
	× 0.5			○	DB8.0G		○
M 9	× 1.25				DB9.0N		
	× 1			DB9.0M			
	× 0.75			DB9.0J			
M 10	× 1.5		5		DB010O	5	
	× 1.25				DB010N		
	× 1				DB010M		
	× 0.75				DB010J		
	× 0.5				DB010G		○
M 12	× 1.75		6		DB012P	6	
	× 1.5				DB012O		
	× 1.25				DB012N		
	× 1						

SIZE		38径 厚さ(Thickness) : 13			50径 厚さ(Thickness) : 16				
			切りず穴数	裏面逃げ		切りず穴数	裏面逃げ		
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess		
M 2	× 0.4								
M 2.3	× 0.4								
M 2.5	× 0.45								
M 2.6	× 0.45								
M 3	× 0.5	DC3.0G			DD3.0G				
	× 0.6	DC3.0H			DD3.0H				
M 3.5	× 0.6	DC3.5H			DD3.5H				
M 4	× 0.7	DC4.0I	3	○	DD4.0I	3			
	× 0.75	DC4.0J		○	DD4.0J				
	× 0.5	DC4.0G		○	DD4.0G				
M 4.5	× 0.75	DC4.5J		○	DD4.5J				
	× 0.5	DC4.5G		○	DD4.5G				
M 5	× 0.8	DC5.0K		○	DD5.0K			○	
	× 0.9	DC5.0L		○	DD5.0L			○	
	× 0.75	DC5.0J		○	DD5.0J			○	
	× 0.5	DC5.0G		○	DD5.0G			○	
M 5.5	× 0.9	DC5.5L		○	DD5.5L			○	
M 6	× 1	DC6.0M		○	DD6.0M			○	
	× 0.75	DC6.0J		○	DD6.0J			○	
	× 0.5	DC6.0G	○	DD6.0G		○			
M 7	× 1	DC7.0M	4	○	DD7.0M	4	○		
	× 0.75	DC7.0J		○	DD7.0J			○	
	× 0.5	DC7.0G		○	DD7.0G			○	
M 8	× 1.25	DC8.0N					DD8.0N		
	× 1	DC8.0M					DD8.0M		○
	× 0.75	DC8.0J		○	DD8.0J			○	
	× 0.5	DC8.0G		○	DD8.0G			○	
M 9	× 1.25	DC9.0N					DD9.0N		
	× 1	DC9.0M					DD9.0M		
	× 0.75	DC9.0J		○	DD9.0J			○	
M 10	× 1.5	DC010O					DD010O		
	× 1.25	DC010N					DD010N		
	× 1	DC010M					DD010M		
	× 0.75	DC010J		○	DD010J			○	
	× 0.5	DC010G		○	DD010G			○	
M 12	× 1.75	DC012P					DD012P		
	× 1.5	DC012O					DD012O		
	× 1.25	DC012N					DD012N		
	× 1	DC012M			DD012M				

調整ねじ式ダイス ミリねじ用
(Adjustable Round Die for Metric thread)

SIZE		38径 厚(Thickness):13			50径 厚(Thickness):16		
		切くず穴数	裏面逃	切くず穴数	裏面逃		
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess
M 14	× 2	DC014Q	5		DD014Q	4	
	× 1.5	DC014O			DD014O		
	× 1.25	DC014N		DD014N			
M 16	× 1	DC014M	5		DD014M		
	× 2	DC016Q			DD016Q		
	× 1.5	DC016O	6		DD016O		
	× 1	DC016M			DD016M		

SIZE		50径 厚(Thickness):16			63径 厚(Thickness):20		
		切くず穴数	裏面逃	切くず穴数	裏面逃		
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess
M 33	× 3.5				DE033T	7	
	× 3				DE033S		
	× 2				DE033Q		
	× 1.5				DE033O		
M 34	× 1.5				DE034O		
M 35	× 1.5				DE035O		
M 36	× 4				DE036U		
	× 3				DE036S		
	× 2				DE036Q		
	× 1.5				DE036O		

SIZE		50径 厚(Thickness):16			63径 厚(Thickness):20			
		切くず穴数	裏面逃	切くず穴数	裏面逃			
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	
M 18	× 2.5	DD018R	5		DE018R	4		
	× 2	DD018Q						
	× 1.5	DD018O						
	× 1	DD018M						
M 20	× 2.5	DD020R				DE020R	5	
	× 2	DD020Q						
	× 1.5	DD020O						
	× 1	DD020M						
M 22	× 2.5	DD022R		6		DE022R	5	
	× 2	DD022Q				DE022Q		
	× 1.5	DD022O			DE022O			
	× 1	DD022M						
M 24	× 3	DD024S				DE024S	5	
	× 2	DD024Q				DE024Q		
	× 1.5	DD024O				DE024O	5	
	× 1	DD024M				DE024M		
M 25	× 2	DD025Q	7					
	× 1.5	DD025O				DE025O		
M 26	× 2					DE026O		
	× 1.5	DD026O			DE026O			
M 27	× 3	DD027S				DE027S		
	× 2	DD027Q				DE027Q		
	× 1.5	DD027O				DE027O		
M 28	× 2			8		DE027M		
	× 1.5	DD028O				DE028O		
	× 1	DD028M						
M 30	× 3.5	DD030T				DE028Q	6	
	× 3	DD030S				DE028O		
	× 2	DD030Q				DE030T		
	× 1.5	DD030O				DE030S		
M 32	× 2					DE030Q		
	× 1.5	DD030M				DE030O		
	× 1	DD030M				DE030M		
	× 2				DE032Q			
	× 1.5				DE032O			

SIZE		75径 厚(Thickness):25			90径 厚(Thickness):		
		切くず穴数	裏面逃	切くず穴数	裏面逃		
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess
M 38	× 1.5	DF038O	7				
M 39	× 4	DF039U					
	× 3	DF039S					
	× 2	DF039Q					
	× 1.5	DF039O					
M 40	× 2	DF040Q	8		DG040Q	6	
	× 1.5	DF040O			DG040O	5	
M 42	× 4.5	DF042V			DG042V	6	
	× 3	DF042S			DG042S		
M 44	× 2	DF042Q			DG042Q	6	
	× 1.5	DF042O			DG042O		
	× 1	DF042M					
M 45	× 4.5	DF045V			DG045V	7	
	× 3	DF045S			DG045S		
	× 2	DF045Q			DG045Q		
M 46	× 1.5	DF045O		DG045O			
	× 1	DF045M					
	× 0.75	DF045L					
M 48	× 5	DF048W		DG048W	8		
	× 3	DF048S		DG048S			
M 49	× 2	DF048Q		DG048Q	8		
	× 1.5	DF048O		DG048O			

調整ねじ式ダイス ウィットねじ用
(Adjustable Round Die for Whitworth thread)

SIZE		20径 厚さ(Thickness) : 7			25径 厚さ(Thickness) : 9			38径 厚さ(Thickness) : 13			50径 厚さ(Thickness) : 16				
			切りず穴数	裏面逃げ		切りず穴数	裏面逃げ		切りず穴数	裏面逃げ		切りず穴数	裏面逃げ		
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess		
#2			3	○		3	○								
#3				○				○							
#4				○				○							
#5				○				○							
#6								○							
#8								○							
#10															
#12			4			4									
1/16	60	DAW01A2	3	○	DBW01A2	3	○								
3/32	48	DAW0AE		○	DBW0AE		○	DCW0AE							
1/8	40	DAW02G		○	DBW02G		○	DCW02G	3	○	DDW02G				
5/32	32	DAW0B1		DBW0B1	○	DCW0B1	○								
3/16	24	DAW03L	4		DBW03L	4		DCW03L	3	○	DDW03L	3	○		
7/32	24	DAW0CL			DBW0CL			DCW0CL	○	DDW0CL	○				
1/4	20	DAW04M			DBW04M			DCW04M		DDW04M	○				
5/16	18	DAW050	5		DBW050			DCW050			DDW050	4			
3/8	16				DBW06P	5		DCW06P	4		DDW06P				
7/16	14				DBW07Q			DCW07Q			DDW07Q				
1/2	12				DBW08R			DCW08R			DDW08R				
9/16	12				DBW09R			DCW09R	5		DDW09R				
5/8	11				DBW10T			DCW10T			DDW10T				
3/4	10							DCW12U	6		DDW12U	5			
7/8	9										DDW14V	5			
1"	8										DDW16W	6			

SIZE		63径 厚さ(Thickness) : 20			75径 厚さ(Thickness) : 25		
			切りず穴数	裏面逃げ		切りず穴数	裏面逃げ
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess
1"1/8	7	DEW18A0	6		DFW18A0	6	
1"1/4	7	DEW20A0				DFW20A0	6
1"3/8	6	DEW22X	7		DFW22A0		
1"1/2	6	DEW24X	8		DFW24X	7	
1"5/8	5	DEW26Y	8		DFW26Y	6	
1"3/4	5	DEW28Y				DFW28Y	8
1"7/8	4 1/2	DEW30Z				8	
2"	4 1/2	DEW32Z					

調整ねじ式ダイス ユニファイ並目ねじ用
(Adjustable Round Die for Unified Coarse thread)

SIZE		20径 厚さ(Thickness) : 7			25径 厚さ(Thickness) : 9			38径 厚さ(Thickness) : 13			50径 厚さ(Thickness) : 16			
Dia	Pitch	CODE	切りず穴数	裏面逃げ	CODE	切りず穴数	裏面逃げ	CODE	切りず穴数	裏面逃げ	CODE	切りず穴数	裏面逃げ	
	NC		Number of clearance holes	Recess		Number of clearance holes	Recess		Number of clearance holes	Recess		Number of clearance holes	Recess	
#2	56	DAUN2D	3	○	DBUN2D	3	○							
#3	48	DAUN3E		○	DBUN3E		○							
#4	40	DAUN4G		○	DBUN4G		○							
#5	40	DAUN5G		○	DBUN5G		○							
#6	32	DAUN6I			DBUN6I		○							
#8	32	DAUN8I			DBUN8I		○							
#10	24	DAUNAL	4		DBUNAL	4								
#12	24	DAUNBL			DBUNBL									
1/16			3	○		3	○							
3/32				○			○							
1/8	40			○			○			○				
5/32	32						○			○				
3/16	24		4			4			3	○		3	○	
7/32	24									○		○		
1/4	20	DAU04M					DBU04M			DCU04M		DDU04M		○
5/16	18	DAU050	5		DBU050			DCU050		DDU050				
3/8	16				DBU06P	5		DCU06P	4		DDU06P			
7/16	14							DCU07Q			DDU07Q			
1/2	13							DCU08A1			DDU08A1			
9/16	12							DCU09R		5		DDU09R		
5/8	11							DCU10T			DDU10T			
3/4	10							DCU12U	6		DDU12U	5		
7/8	9										DDU14V	5		
1"	8										DDU16W	6		

SIZE		63径 厚さ(Thickness) : 20			75径 厚さ(Thickness) : 25		
Dia	Pitch	CODE	切りず穴数	裏面逃げ	CODE	切りず穴数	裏面逃げ
	NC		Number of clearance holes	Recess		Number of clearance holes	Recess
1"1/8	7	DEU18A0	6		DFU18A0	6	
1"1/4	7	DEU20A0			DFU20A0		
1"3/8	6	DEU22X	7		DFU22X		
1"1/2	6	DEU24X	8		DFU24X	7	
1"5/8	5	DEU26Y			DFU26Y	6	
1"3/4	5	DEU28Y			DFU28Y	8	
1"7/8	4 1/2				DFU30Z		
2"	4 1/2				DFU32Z		

調整ねじ式ダイス ユニファイ細目ねじ用
(Adjustable Round Die for Unified Fine thread)

SIZE		20径 厚さ(Thickness) : 7			25径 厚さ(Thickness) : 9			38径 厚さ(Thickness) : 13			50径 厚さ(Thickness) : 16			
			切りず穴数	裏面逃げ		切りず穴数	裏面逃げ		切りず穴数	裏面逃げ		切りず穴数	裏面逃げ	
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	
	NF													
#2	64	DAUN2C	3	○	DBUN2C	3	○							
#3	56	DAUN3D		○	DBUN3D		○							
#4	48	DAUN4E		○	DBUN4E		○							
#5	44	DAUN5F		○	DBUN5F		○							
#6	40	DAUN6G			DBUN6G		○							
#8	36	DAUN8H			DBUN8H		○							
#10	32	DAUNA I			DBUNA I		○							
#12	28	DAUNBJ	4		DBUNBJ	4								
1/16			3	○		3	○							
3/32				○			○							
1/8	44			○			○			○				
5/32	36						○			○				
3/16	32		4			4	○				3	○	○	
7/32	32						○			○			○	○
1/4	28	DAU04J					DBU04J	4		DCU04J			○	DDU04J
5/16	24		5		DBU05L	5		DCU05L				DDU05L		
3/8	24				DBU06L		5		DCU06L				DDU06L	
7/16	20								DCU07M				DDU07M	
1/2	20								DCU08M				DDU08M	
9/16	18								DCU090				DDU090	
5/8	18								DCU100				DDU100	
3/4	16								DCU12P	6			DDU12P	5
7/8	14											DDU14Q	6	
1"	12											DDU16R	7	

SIZE		63径 厚さ(Thickness) : 20			75径 厚さ(Thickness) : 25			
			切りず穴数	裏面逃げ		切りず穴数	裏面逃げ	
Dia	Pitch	CODE	Number of clearance holes	Recess	CODE	Number of clearance holes	Recess	
	NF							
1"1/8	12	DEU18R	6					
1"1/4	12	DEU20R				DFU20R		
1"3/8	12	DEU22R		7		DFU22R		
1"1/2	12	DEU24R		8		DFU24R		
1"5/8								
1"3/4								
1"7/8								
2"								

調整ねじ式管用ダイス (Adjustable Round Die for Pipe thread)



一般的なねじ切り用として、手回しまたは、機械用として使用します。また、調整ねじで寸法を調整することができます。

The most common thread cutting dies. Used by hand as well as machine.

- 1.材質：SKS2 Material：SKS2.
2.食付き部長さ： 平行ねじ 表面 2~2.5山 裏面 1~1.5山
テーパ-ねじ 表面 2~2.5山

Chamfer length
Parallel pipe: Front face 2~2.5 pitches Rear face 1~1.5 pitches
Taper pipe: Front face 2~2.5 pitches

PS・PFねじ		3 8 径(13)			5 0 径(16)		
SIZE		PS	PF	切りず穴数	PS	PF	切りず穴数
Dia	Pitch	CODE	CODE	Number of clearance holes	CODE	CODE	Number of clearance holes
1/8	28	DCS02J	DCF02J	4	DDS02J	DDF02J	4
1/4	19	DCS04N	DCF04N	5	DDS04N	DDF04N	5
3/8	19	DCS06N	DCF06N	6	DDS06N	DDF06N	5
1/2	14				DDS08Q	DDF08Q	
5/8	14				DDS10Q	DDF10Q	6
3/4	14				DDS12Q	DDF12Q	7
7/8	14				DDS14Q	DDF14Q	
SIZE		6 3 径(20)			7 5 径(25)		
Dia	Pitch	PS	PF	切りず穴数	PS	PF	切りず穴数
1"	11	DES16T	DEF16T	7	DFS16T	DFE16T	6
1"1/8	11	DES18T	DEF18T		DFS18T	DFE18T	7
1"1/4	11	DES20T	DEF20T	8	DFS20T	DFE20T	8
1"1/2	11	DES24T	DEF24T		DFS24T	DFE24T	
SIZE		7 5 径(25)			9 0 径		
Dia	Pitch	PS	PF	切りず穴数	PS	PF	切りず穴数
1"3/4	11	DFS28T	DFE28T		DGS28T	DGF28T	8
2"	11	DFS32T	DFE32T		DGS32T	DGF32T	10

PTねじ		3 8 径(13)		5 0 径(16)	
SIZE		CODE	切りず穴数	CODE	切りず穴数
Dia	Pitch	CODE	Number of clearance holes	CODE	Number of clearance holes
1/8	28	DCT02J	4	DDT02J	4
1/4	19	DCT04N	5	DDT04N	5
3/8	19	DCT06N	6	DDT06N	5
1/2	14			DDT08Q	6
5/8	14			DDT10Q	7
3/4	14			DDT12Q	
7/8	14			DDT14Q	
SIZE		6 3 径(20)		7 5 径(25)	
Dia	Pitch	CODE	切りず穴数	CODE	切りず穴数
1"	11	DET16T	7	DFT16T	6
1"1/8	11	DET18T		DFT18T	7
1"1/4	11	DET20T	8	DFT20T	8
1"1/2	11	DET24T		DFT24T	
SIZE		7 5 径(25)		9 0 径	
Dia	Pitch	CODE	切りず穴数	CODE	切りず穴数
1"3/4	11	DFT28T	8	DGT28T	8
2"	11	DFT32T		DGT32T	10

NPSねじ		3 8 径(13)		5 0 径(16)	
SIZE		CODE	切りず穴数	CODE	切りず穴数
Dia	Pitch	CODE	Number of clearance holes	CODE	Number of clearance holes
1/8	27	DCJ02K	4	DDJ02K	4
1/4	18	DCJ040	5	DDJ040	
3/8	18	DCJ060			DDJ060
1/2	14		6	DDJ08Q	6
5/8	14			DDJ12Q	
3/4	14				7
7/8	14				
SIZE		6 3 径(20)		7 5 径(25)	
Dia	Pitch	CODE	切りず穴数	CODE	切りず穴数
1"	11 1/2	DEJ16S	6	DFJ16S	6

NPTねじ		3 8 径(13)		5 0 径(16)	
SIZE		CODE	切りず穴数	CODE	切りず穴数
Dia	Pitch	CODE	Number of clearance holes	CODE	Number of clearance holes
1/8	27	DCH02K	4	DDH02K	4
1/4	18	DCH040	5	DDH040	
3/8	18	DCH060	6	DDH060	5
1/2	14			DDH08Q	6
5/8	14			DDH12Q	7
3/4	14				
7/8	14				
SIZE		6 3 径(20)		7 5 径(25)	
Dia	Pitch	CODE	切りず穴数	CODE	切りず穴数
1"	11 1/2	DEH16S	7	DFH16S	6