CUTTING TOOLS
DRILL & TAP ACCESSORIES

DRILL SLEEVE

DSR P.956
PRH-DS P.957

DRILL CHUCK ARBOR

JTx[MT•NT•BS] P.958
JTxST P.959
PRH-DA P.960

DRILL SOCKET

DSK P.961
PRH-DS P.962

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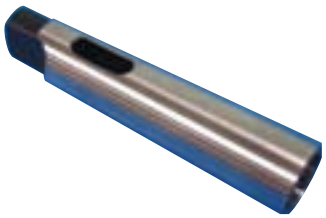
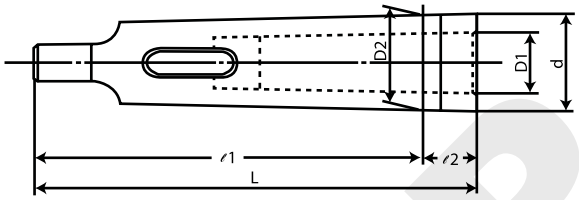
DRILL & TAP ACCESSORIES
อุปกรณ์เสริมสำหรับงานเจาะ

TAKURA TOOLING SYSTEM

ปลอกเตเปอร์
DRILL SLEEVE





Order No.	Type	Inside taper x outside taper	D1	D2	d	L	ℓ1	ℓ2
DSR1x2		1x2		17.780	18.0	92	75	17
DSR1x3		1x3		23.825	24.1	100	94	6
DSR1x4		1x4	12.065	31.267	31.6	124	117.5	6.5
DSR1x5		1x5		44.399	44.7	156	149.5	6.5
DSR1x6		1x6		63.348	63.8	220	210	10
DSR2x3		2x3		23.825	24.1	112	94	18
DSR2x4		2x4	17.780	31.267	31.6	124	117.5	6.5
DSR2x5		2x5		44.399	44.7	156	149.5	6.5
DSR2x6	Drill sleeve	2x6		63.348	63.8	220	210	10
DSR3x4		3x4		31.267	31.6	136	117.5	18.5
DSR3x5		3x5	23.825	44.399	44.7	156	149.5	6.5
DSR3x6		3x6		63.348	63.8	220	210	10
DSR4x5		4x5		44.399	44.7	168	149.5	18.5
DSR4x6		4x6	31.267	63.348	63.8	220	210	10
DSR4x7		4x7		83.058	83.6	296	286	10
DSR5x6		5x6	44.399	63.348	63.8	225	210	15
DSR5x7		5x7		83.058	83.6	296	286	10
DSR6x7		6x7	63.348					

Order No.	Type	Inside taper x outside taper	Inside Taper	Outside Taper	L
DSR-BS5x7		BS5xBS7		BS7	100
DSR-BS5x9		BS5xBS9	BS5	BS9	132
DSR-BS5x10		BS5xBS10		BS10	160
DSR-BS7x9	BS Sleeve	BS7xBS9	BS7	BS9	132
DSR-BS7x10		BS7xBS10		BS10	160
DSR-BS9x10		BS9xBS10		BS10	
DSR-BS9x11		BS9xBS11	BS9	BS11	185
DSR-BS9x12		BS9xBS12		BS12	

Order No.	Type	Inside taper x outside taper	Inside Taper	Outside Taper	L
DSR-MT1 x BS7		MT1 x BS7	MT1	BS7	100
DSR-MT1 x BS9		MT1 x BS9		BS9	122
DSR-MT2 x BS9		MT2 x BS9	MT2	BS9	127
DSR-MT2 x BS10		MT2 x BS10		BS10	149
DSR-BS5 x MT2		BS5 x MT2		MT2	85
DSR-BS5 x MT3		BS5 x MT3	BS5	MT3	100
DSR-BS5 x MT4		BS5 x MT4		MT4	137
DSR-BS7 x MT3	Special Sleeve	BS7 x MT3		MT3	120
DSR-BS7 x MT4		BS7 x MT4	BS7	MT4	135
DSR-BS7 x MT5		BS7 x MT5		MT5	157
DSR-BS9 x MT4		BS9 x MT4		MT4	160
DSR-BS9 x MT5		BS9 x MT5	BS9	MT5	168
DSR-BS9 x MT6		BS9 x MT6		MT6	220
DSR-BS10 x MT5		BS10 x MT5	BS10	MT5	160
DSR-BS10 x MT6		BS10 x MT6		MT6	

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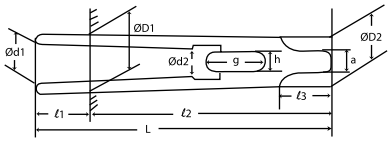
ปลอกเตเปอร์
DRILL SLEEVE



Features: Entirely polished, high frequency parts hardened

Order No.	Size	L (mm)	ℓ1 (mm)	ℓ2 (mm)	ℓ3 (mm)	D1 (mm)	D2 (mm)	d1 (mm)	d2 (mm)	a (mm)	h (mm)	g (mm)
PRH-DS12	1x2	92	17.0	75	16	17.780	14.0	12.065	9.7	6.3	6	19
PRH-DS13	1x3	99	5.0	94	20	23.825	19.1	12.065	9.7	7.9	6	19
PRH-DS23	2x3	112	18.0	94	20	23.825	19.1	17.780	14.9	7.9	7	22
PRH-DS14	1x4	124	6.5	117.5	24	31.267	25.2	12.065	9.7	11.9	6	19
PRH-DS24	2x4	124	6.5	117.5	24	31.267	25.2	17.780	14.9	11.9	7	22
PRH-DS34	3x4	140	22.5	117.5	24	31.267	25.2	23.825	20.2	11.9	9	27
PRH-DS15	1x5	156	6.5	149.5	29	44.399	36.5	12.065	9.7	15.9	6	19
PRH-DS25	2x5	156	6.5	149.5	29	44.399	36.5	17.780	14.9	15.9	7	22
PRH-DS35	3x5	156	6.5	149.5	29	44.399	36.5	23.825	20.2	15.9	9	27
PRH-DS45	4x5	171	21.5	149.5	29	44.399	36.5	31.267	26.5	15.9	13	32
PRH-DS56	5x6	218	8.0	210	40	63.348	52.4	44.399	38.2	19.0	17	38

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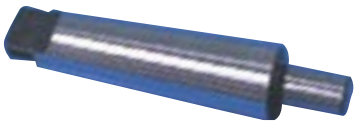
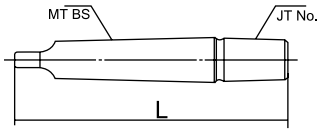
DRILL & TAP ACCESSORIES
อุปกรณ์เสริมสำหรับงานเจาะ

TAKURA TOOLING SYSTEM

แกนเตเปอร์
DRILL CHUCK ARBOR [JT x MT • NT • BS]





Order No.	JT	MT1	MT2	MT3	MT4	MT5	NT30 (W•M)	NT40 (U•M)	NT50 (U•M)	BS7	BS9
JT0 x MT77.5	0	77.5	-	-	-	-	-	-	-	-	-
JT0 x MT92	0	-	92	-	-	-	-	-	-	-	-
JT1x MT83.5	1	83.5	-	-	-	-	-	-	-	-	-
JT1 x MT98	1	-	98	-	-	-	-	-	-	-	-
JT1 x MT117	1	-	-	117	-	-	-	-	-	-	-
JT1 x MT142	1	-	-	-	142	-	-	-	-	-	-
JT1 x NT100	1	-	-	-	-	-	100	-	-	-	-
JT x NT127	1	-	-	-	-	-	-	127	-	-	-
JT1 x NT168	1	-	-	-	-	-	-	-	168	-	-
JT1 1/2 x MT86.5	1 1/2	86.5	-	-	-	-	-	-	-	-	-
JT1 1/2 x MT101	1 1/2	-	101	-	-	-	-	-	-	-	-
JT1 1/2 x MT120	1 1/2	-	-	120	-	-	-	-	-	-	-
JT2 x MT89.5	2	89.5	-	-	-	-	-	-	-	-	-
JT x MT104	2	-	104	-	-	-	-	-	-	-	-
JT2 x MT123	2	-	-	123	-	-	-	-	-	-	-
JT2 x MT148	2	-	-	-	148	-	-	-	-	-	-
JT2 x NT106	2	-	-	-	-	-	106	-	-	-	-
JT2 x NT133	2	-	-	-	-	-	-	133	-	-	-
JT2 x NT174	2	-	-	-	-	-	-	-	174	-	-
JT2S x MT101	2(S)	-	101	-	-	-	-	-	-	-	-
JT2S x MT120	2(S)	-	-	102	-	-	-	-	-	-	-
JT2S x MT145	2(S)	-	-	-	145	-	-	-	-	-	-
JT2 1/2(6) x MT93.5	2 1/2(6)	93.5	-	-	-	-	-	-	-	-	-
JT2 1/2(6) x MT108	2 1/2(6)	-	108	-	-	-	-	-	-	-	-
JT2 1/2(6) x MT127	2 1/2(6)	-	-	127	-	-	-	-	-	-	-
JT2 1/2(6) x MT152	2 1/2(6)	-	-	-	152	-	-	-	-	-	-
JT2 1/2(6) x MT184	2 1/2(6)	-	-	-	-	184	-	-	-	-	-
JT2 1/2(6) x NT110	2 1/2(6)	-	-	-	-	-	110	-	-	-	-
JT2 1/2(6) x NT137	2 1/2(6)	-	-	-	-	-	-	137	-	-	-
JT2 1/2(6) x NT178	2 1/2(6)	-	-	-	-	-	-	-	178	-	-
JT2 1/2(6) x BS120	2 1/2(6)	-	-	-	-	-	-	-	-	120	-
JT2 1/2(6) x BS149	2 1/2(6)	-	-	-	-	-	-	-	-	-	149
JT3 x MT115	3	-	115	-	-	-	-	-	-	-	-
JT3 x MT134	3	-	-	134	-	-	-	-	-	-	-
JT3 x MT159	3	-	-	-	159	-	-	-	-	-	-
JT3 x MT191	3	-	-	-	-	191	-	-	-	-	-
JT3 x MT117	3	-	-	-	-	-	117	-	-	-	-
JT3 x MT144	3	-	-	-	-	-	-	144	-	-	-
JT3 x MT185	3	-	-	-	-	-	-	-	185	-	-
JT4 x MT122	4	-	122	-	-	-	-	-	-	-	-
JT4 x MT141	4	-	-	141	-	-	-	-	-	-	-
JT4 x MT166	4	-	-	-	166	-	-	-	-	-	-
JT4 x MT198	4	-	-	-	-	198	-	-	-	-	-
JT5 x MT133	5	-	133	-	-	-	-	-	-	-	-
JT5 x MT152	5	-	-	152	-	-	-	-	-	-	-
JT5 x MT177	5	-	-	-	177	-	-	-	-	-	-
JT5 x MT209	5	-	-	-	-	209	-	-	-	-	-

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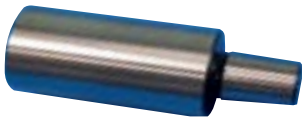
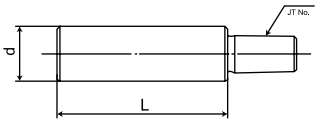
แกนเดเปอร์
DRILL CHUCK ARBOR [JT x ST]





Order No.	d	L	JT No.
JT No. -ST10	10	70	0, 1
JT No. -ST12	12		0, 1, 2, 2S, 2 1/2(6)
JT No. -ST16	16		
JT No. -ST20	20		0, 1, 2, 2S, 2 1/2(6), 3
JT No. -ST22	22		
JT No. -ST25	25		
JT No. -ST25.4	25.4		
JT No. -ST32	32		0, 1, 2, 2 1/2(6), 3, 4
JT No. -ST42	42		1, 2, 2 1/2(6), 3, 4

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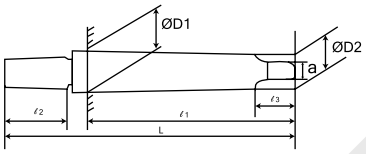
DRILL & TAP ACCESSORIES
อุปกรณ์เสริมสำหรับงานเจาะ

PROCHI

แกนเตเปอร์
DRILL CHUCK ARBOR



Features: Entirely polished, high frequency parts hardened

Order No.	J.Tx ØD (mm)	L (mm)	ℓ1 (mm)	ℓ2 (mm)	ℓ3 (mm)	D1 (mm)	D2 (mm)	a (mm)
PRH-DA11	1x1	93	62.0	21	13.5	12.065	9.0	5.2
PRH-DA12	1x2	108	75.0	21	16.0	17.780	14.0	6.3
PRH-DA13	1x3	127	94.0	21	20.0	23.825	19.1	7.9
PRH-DA14	1x4	152	117.5	21	24.0	31.267	25.2	11.9
PRH-DA21	2x1	98	62.0	26	13.5	12.065	9.0	5.2
PRH-DA22	2x2	112	75.0	26	16.0	17.780	14.0	6.3
PRH-DA23	2x3	131	94.0	26	20.0	23.825	19.1	7.9
PRH-DA24	2x4	156	117.5	26	24.0	31.267	25.2	11.9
PRH-DA61	6x1	104	62.0	32	13.5	12.065	9.0	5.2
PRH-DA62	6x2	118	75.0	32	16.0	17.780	14.0	6.3
PRH-DA63	6x3	137	94.0	32	20.0	23.825	19.1	7.9
PRH-DA64	6x4	162	117.5	32	24.0	31.267	25.2	11.9
PRH-DA32	3x2	126	75.0	39	16.0	17.780	14.0	6.3
PRH-DA33	3x3	145	94.0	39	20.0	23.825	19.1	7.9
PRH-DA34	3x4	170	117.5	39	24.0	31.267	25.2	11.9
PRH-DA42	4x2	138	75.0	52	16.0	17.780	14.0	6.3
PRH-DA43	4x3	157	94.0	52	20.0	23.825	19.1	7.9
PRH-DA44	4x4	182	117.5	52	24.0	31.267	25.2	11.9
PRH-DA45	4x5	216	149.5	52	29.0	44.399	36.5	15.9

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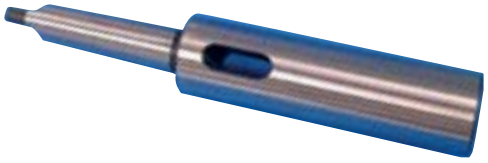
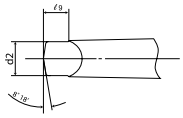
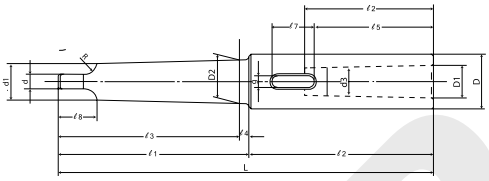
แกนต่อปลอกเตเปอร์
DRILL SOCKET







Order No.	Inside taper x outside taper	D	D1	D2	d1	d2	d3	g	b	L	ℓ1	ℓ2	ℓ3	ℓ4	ℓ5	ℓ6	ℓ7	ℓ8	ℓ9	R
DSK1x1	1x1			12.065	9.0	8.7			5.2	147	65.5	81.5	62.0	3.5				13.5	9	5
DSK1x2	1x2			17.780	14.0	13.5			6.3	160	80.0	80.0	75.0	5.0				16	10	6
DSK1x3	1x3	20	12.065	23.825	19.1	18.5	9.7	5.4	7.9	180	99.0	81.0	94.0		56	52	19	20	13	7
DSK1x4	1x4			31.267	25.2	24.5			11.9	200	124.0	76.0	117.5	6.5				24	16	8
DSK1x5	1x5			44.399	35.5	35.7			15.9	235	156.0	79.0	149.5					29	19	10
DSK2x1	2x1			12.065	9.0	8.7			5.2	163	65.5	97.5	62.0	3.5				13.5	9	5
DSK2x2	2x2			17.780	14.0	13.5			6.3	176	80.0		75.0	5.0				16	10	6
DSK2x3	2x3	24	17.780	23.825	19.1	18.5	14.9	6.6	7.9	195	99.0	96.0	94.0		67	62	22	20	13	7
DSK2x4	2x4			31.267	25.2	24.5			11.9	220	124.0		117.5	6.5				24	16	8
DSK2x5	2x5			44.399	36.5	35.7			15.9	253	156.0	97.0	149.5					29	19	10
DSK3x1	3x1			12.065	9.0	8.7			5.2	181-5	65.5	116.5	62.0	3.5				13.5	9	5
DSK3x2	3x2			17.780	14.0	13.5			6.3	196	80.0		75.0	5.0				16	10	6
DSK3x3	3x3	32	23.825	23.825	19.1	18.5	20.2	8.2	7.9	215	99.0	116.0	94.0		84	78	27	20	13	7
DSK3x4	3x4			31.267	25.2	24.5			11.9	240	124.0		117.5	6.5				24	16	8
DSK3x5	3x5			44.399	36.5	35.7			15.9	273	156.0	117.0	149.5					29	19	10
DSK3x6	3x6			63.348	52.4	51.0			19.0	334.5	218.0		210.0	8.0				40	27	13
DSK4x2	4x2			17.780	14.0	13.5			6.3	221	80.0		75.0	5.0				16	10	6
DSK4x3	4x3			23.825	19.1	18.5			7.9	240	99.0	141.0	94.0					20	13	7
DSK4x4	4x4	44	31.267	31.267	25.2	24.5	26.5	12.2	11.9	265	124.0		117.5	6.5	107	98	32	24	16	8
DSK4x5	4x5			44.399	36.5	35.7			15.9	298	156.0	142.0	149.5					29	19	10
DSK4x6	4x6			63.348	52.4	51.0			19.0	360	218.0		210.0	8.0				40	27	13
DSK5x3	5x3			23.825	19.1	18.5			7.9	275	99.0	176. 0	94.0	5.0				20	13	7
DSK5x4	5x4	54	44.399	31.267	25.2	24.5	38.2	16.2	11.9	300	124.0		117.5	6.5	135	125	38	24	16	8
DSK5x5	5x5			44.399	36.5	35.7			15.9	333	156.0	177.0	149.5					29	19	10
DSK5x6	5x6			63.348	52.4	51.0			19.0	395	218.0		210.0	8.0				40	27	13
DSK6x5	6x5			44.399	36.5	35.7			15.9	390.5	156.0	235.0	149.5	6.5				29	19	10
DSK6x6	6x6	84	63.348	63.348	52.4	51.0	54.8	19.5	19.0	452.5	218.0		210.0	8.0	188	177	47	40	29	13
DSK6x7	6x7			83.058	68.2	66.8			28.6	530	296.0	234.0	286.0	10.0				54	35	19

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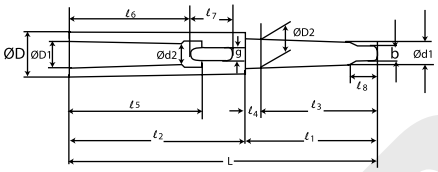
ห้ามนำไปเผยแพร่ก่อนได้รับอนุญาติจากทางบริษัท

DRILL & TAP ACCESSORIES
อุปกรณ์เสริมสำหรับงานเจาะ

PROCHI

แกนต่อปลอกเตเปอร์
DRILL SOCKET



Drill Sleeve
ปลอกเตเปอร์
Drill Chuck Arbor
แกนเตเปอร์
Drill Socket
แกนต่อปลอกเตเปอร์

Features: Entirely polished, high frequency parts hardened

Order No.	Size	D (mm)	D1 (mm)	D2 (mm)	d1 (mm)	d2 (mm)	b (mm)	g (mm)	L (mm)	ℓ1 (mm)	ℓ2 (mm)	ℓ3 (mm)	ℓ4 (mm)	ℓ5 (mm)	ℓ6 (mm)	ℓ7 (mm)	ℓ8 (mm)
PRH-DSO11	1x1	18	12.065	12.065	8.927	9.7	5.2	5.4	142.5	65.5	77.0	62.0	3.5	56	52	19	13.5
PRH-DSO12	1x2	18	12.065	17.780	14.059	9.7	6.3	5.4	157.0	80.0	77.0	75.0	5.0	56	52	19	16.0
PRH-DSO13	1x3	18	12.065	23.825	19.132	9.7	7.9	5.4	176.0	99.0	77.0	94.0	5.0	56	52	19	20.0
PRH-DSO14	1x4	18	12.065	31.267	25.154	9.7	11.9	5.4	201.0	124.0	77.0	117.5	6.5	56	52	19	24.0
PRH-DSO21	2x1	24	17.780	12.065	8.927	14.9	5.2	6.6	158.5	65.5	93.0	62.0	3.5	67	62	22	13.5
PRH-DSO22	2x2	24	17.780	17.780	14.059	14.9	6.3	6.6	173.0	80.0	93.0	75.0	5.0	67	62	22	16.0
PRH-DSO23	2x3	24	17.780	23.825	19.132	14.9	7.9	6.6	192.0	99.0	93.0	94.0	5.0	67	62	22	20.0
PRH-DSO24	2x4	24	17.780	31.267	25.154	14.9	11.9	6.6	217.0	124.0	93.0	117.5	6.5	67	62	22	24.0
PRH-DSO25	2x5	24	17.780	44.399	36.547	14.9	15.9	6.6	249.0	156.0	93.0	149.5	6.5	67	62	22	29.0
PRH-DSO32	3x2	32	23.825	17.780	14.059	20.2	6.3	8.2	195.0	80.0	115.0	75.0	5.0	84	78	27	16.0
PRH-DSO33	3x3	32	23.825	23.825	19.132	20.2	7.9	8.2	214.0	99.0	115.0	94.0	5.0	84	78	27	20.0
PRH-DSO34	3x4	32	23.825	31.267	25.154	20.2	11.9	8.2	239.0	124.0	115.0	117.5	6.5	84	78	27	24.0
PRH-DSO35	3x5	32	23.825	44.399	36.547	20.2	15.9	8.2	271.0	156.0	115.0	149.5	6.5	84	78	27	29.0
PRH-DSO42	4x2	46	31.267	17.780	14.059	26.5	6.3	12.2	220.2	80.0	140.0	75.0	5.0	107	98	32	16.0
PRH-DSO43	4x3	46	31.267	23.825	19.132	26.5	7.9	12.2	239.0	99.0	140.0	94.0	5.0	107	98	32	20.0
PRH-DSO44	4x4	46	31.267	31.267	25.154	26.5	11.9	12.2	264.0	124.0	140.0	117.5	6.5	107	98	32	24.0
PRH-DSO45	4x5	46	31.267	44.399	36.547	26.5	15.9	12.2	296.0	156.0	140.0	149.5	6.5	107	98	32	29.0
PRH-DSO46	4x6	46	31.267	63.348	52.419	26.5	19.0	12.2	358.0	218.0	140.0	210.0	8.0	107	98	32	40.0
PRH-DSO53	5x3	64	44.399	23.825	19.132	38.2	7.9	16.2	273.0	99.0	174.0	94.0	5.0	135	125	38	20.0
PRH-DSO54	5x4	64	44.399	31.267	25.154	38.2	11.9	16.2	298.0	124.0	174.0	117.5	6.5	135	125	38	24.0
PRH-DSO55	5x5	64	44.399	44.399	36.547	38.2	15.9	16.2	330.0	156.0	174.0	149.5	6.5	135	125	38	29.0
PRH-DSO56	5x6	64	44.399	63.348	52.419	38.2	19.0	16.2	392.0	218.0	174.0	210.0	8.0	135	125	38	40.0

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