

BTA INSERTS



BTA/Gun Drill Grade

GRADE	COATING STRUCTURE
UT923	The PVD-coated central grade is your first choice for ISO P, K, S and H materials and provides excellent wear resistance and toughness.
UH721	High-performance Ultra-CVD coated grade • Provide stable tool life by preventing any unexpected tool breakage due to application of the new Ultra-CVD coating • Increased chip evacuation due to high-hardness and highly lubricative coating
UT925	It is a tough submicron PVD TiAlN coated grade. It is suitable for threading at low-to-medium cutting speeds. This grade has been designed for machining of heat-resistant alloys, austenitic stainless steel, hard alloys and carbon steels. It also performs well with interrupted cuts and under unfavorable machining conditions

Drill Head



BTA Drill Head : 25mm-65mm

DRILL DIA	CENTER BLADE	QTY	MIDDLE BLADE	QTY	PERIMETER BLADE	QTY	GUIDE KEY	QTY
25mm-28.5mm	800-05 03 08M-C-G	1	800-05 03 08M-I-G	1	800-06 03 08H-P-G	1	800-06A	2
28.6-31.99mm	800-06 T3 08M-C-G	1	800-05 03 08M-I-G	1	800-06 03 08H-P-G	1	800-06A	2
32-33.99mm	800-06 T3 08M-C-G	1	800-06 T3 08M-I-G	1	800-08 T3 08H-P-G	1	800-07A	2
34-35mm	800-08 T3 08M-C-G	1	800-06 T3 08M-I-G	1	800-08 T3 08H-P-G	1	800-07A	2
35.1-38.99mm	800-08 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-08 T3 08H-P-G	1	800-07A	2
39-43mm	800-08 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-09 T3 08H-P-G	1	800-08A	2
44-47mm	800-10 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-09 T3 08H-P-G	1	800-08A	2
48-52mm	800-10 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-11 T3 08H-P-G	1	800-10A	2
53-56mm	800-10 T3 08M-C-G	1	800-12 T3 08M-I-G	1	800-11 T3 08H-P-G	1	800-10A	2
57-59mm	800-10 T3 08M-C-G	1	800-12 T3 08M-I-G	1	800-11 T3 08H-P-G	1	800-12A	2
60-65mm	800-12 T3 08M-C-G	1	800-12 T3 08M-I-G	1	800-11 T3 08H-P-G	1	800-12A	2



BTA Drill Head : 65mm-110mm

DRILL DIA	CENTER BLADE	QTY	CENTER TOOL HOLDER	QTY	MIDDLE BLADE	QTY	MID. TOOL HOLDER	QTY	OUTER BLADE	QTY	EXT. TOOL HOLDER	QTY	NAV KEY DISPLAY	QTY
66-67	1704RG	1	1704TX	1	1704RG	1	1704TJ	1	2405RG	1	2405TW	1	14*6*55	3
68-77	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	1704RG	1	1704TW	1	14*6*55	3
78-84	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	2405RG	1	2405TW	1	14*7*55	3
85-91	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	2807RG	1	2807TW	1	14*7*55	3
92-98	2807RG	1	2807TX	1	2807RG	1	2807TJ	1	2405RG	1	2405TW	1	14*7*55	3
99-106	2807RG	1	2807TX	1	2807RG	1	2807TJ	1	2807RG	1	2807TW	1	18*9*58	5
107-117	2405RG	1	2405TX	1	1704RG	1	1704TJ	1	2405RG	1	2405TW	1	18*9*58	5
118-150	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	2405RG	1	2405TW	1	18*9*58	5

Inserts Details



BTA 25mm-65mm

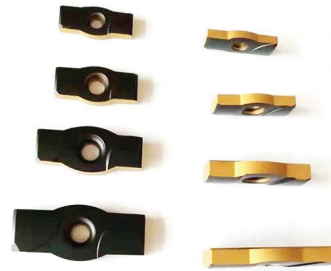
DRILL DIA	CENTER BLADE	QTY	MIDDLE BLADE	QTY	PERIMETER BLADE
25mm-28.5mm	800-05 03 08M-C-G	1	800-05 03 08M-I-G	1	800-06 03 08H-P-G
28.6-31.99mm	800-06 T3 08M-C-G	1	800-05 03 08M-I-G	1	800-06 03 08H-P-G
32-33.99mm	800-06 T3 08M-C-G	1	800-06 T3 08M-I-G	1	800-08 T3 08H-P-G
34-35mm	800-08 T3 08M-C-G	1	800-06 T3 08M-I-G	1	800-08 T3 08H-P-G
35.1-38.99mm	800-08 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-08 T3 08H-P-G
39-43mm	800-08 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-09 T3 08H-P-G
44-47mm	800-10 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-09 T3 08H-P-G
48-52mm	800-10 T3 08M-C-G	1	800-08 T3 08M-I-G	1	800-11 T3 08H-P-G
53-56mm	800-10 T3 08M-C-G	1	800-12 T3 08M-I-G	1	800-11 T3 08H-P-G
57-59mm	800-10 T3 08M-C-G	1	800-12 T3 08M-I-G	1	800-11 T3 08H-P-G
60-65mm	800-12 T3 08M-C-G	1	800-12 T3 08M-I-G	1	800-11 T3 08H-P-G



BTA 65mm-150mm

DRILL DIA	CENTER BLADE	QTY	CENTER TOOL HOLDER	QTY	MIDDLE BLADE	QTY	MID.TOOL HOLDER	QTY	OUTER BLADE	QTY
66-67	1704RG	1	1704TX	1	1704RG	1	1704TJ	1	2405RG	1
68-77	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	1704RG	1
78-84	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	2405RG	1
85-91	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	2807RG	1
92-98	2807RG	1	2807TX	1	2807RG	1	2807TJ	1	2405RG	1
99-106	2807RG	1	2807TX	1	2807RG	1	2807TJ	1	2807RG	1
107-117	2405RG	1	2405TX	1	1704RG	1	1704TJ	1	2405RG	1
118-150	2405RG	1	2405TX	1	2405RG	1	2405TJ	1	2405RG	1

Guide Pads



25mm-65mm

DRILLING DIA	GUIDE KEY	QTY
25mm-28.5mm	800-06A	2
28.6-31.99mm	800-06A	2
32-33.99mm	800-07A	2
34-35mm	800-07A	2
35.1-38.99mm	800-07A	2
39-43mm	800-08A	2
44-47mm	800-08A	2
48-52mm	800-10A	2
53-56mm	800-10A	2
57-59mm	800-12A	2
60-65mm	800-12A	2

65mm-150mm

DRILLING DIA	GUIDE KEY	QTY
66-67	14*6*55	3
68-77	14*6*55	3
78-84	14*7*55	3
85-91	14*7*55	3
92-98	14*7*55	3
99-106	18*9*58	5
107-117	18*9*58	5
118-150	18*9*58	5

Boring Heads



DEEP HOLE BORING HEAD

NAME	SPECIFICATION
Deep hole boring head	38mm
	40mm
	56mm
	86mm
	95mm
	110mm
	180mm

PNEUMATIC ROLLER SCRAPER

NAME	SIZE	
Pneumatic Roller Scraper	63	125
	70	140
	80	180
	90	200
	100	220
	120	

Deep Hole Gun Drill

DEEP HOLE GUN DRILL					
DIAMETER	LENGTH 1	LENGTH 1	DIAMETER	LENGTH 1	LENGTH 1
3.02	0-1650mm	1651-2200mm	18.52	0-1650mm	1651-2200mm
4.02	0-1650mm	1651-2200mm	19.02	0-1650mm	1651-2200mm
5.02	0-1650mm	1651-2200mm	19.52	0-1650mm	1651-2200mm
5.52	0-1650mm	1651-2200mm	20.02	0-1650mm	1651-2200mm
6.02	0-1650mm	1651-2200mm	20.52	0-1650mm	1651-2200mm
6.37	0-1650mm	1651-2200mm	21.02	0-1650mm	1651-2200mm
6.52	0-1650mm	1651-2200mm	21.52	0-1650mm	1651-2200mm
7.02	0-1650mm	1651-2200mm	22.02	0-1650mm	1651-2200mm
7.52	0-1650mm	1651-2200mm	23.02	0-1650mm	1651-2200mm
8.02	0-1650mm	1651-2200mm	24.02	0-1650mm	1651-2200mm
8.52	0-1650mm	1651-2200mm	25.02	0-1650mm	1651-2200mm
9.02	0-1650mm	1651-2200mm	26.02	0-1650mm	1651-2200mm
9.52	0-1650mm	1651-2200mm	27.02	0-1650mm	1651-2200mm
10.02	0-1650mm	1651-2200mm	28.02	0-1650mm	1651-2200mm
10.52	0-1650mm	1651-2200mm	29.02	0-1650mm	1651-2200mm
11.02	0-1650mm	1651-2200mm	30.02	0-1650mm	1651-2200mm
11.13	0-1650mm	1651-2200mm	31.02	0-1650mm	1651-2200mm



DEEP HOLE GUN DRILL					
DIA	LENGTH 1	LENGTH 1	DIA	LENGTH 1	LENGTH 1
11.52	0-1650mm	1651-2200mm	32.02	0-1650mm	1651-2200mm
12.02	0-1650mm	1651-2200mm	33.02	0-1650mm	1651-2200mm
12.52	0-1650mm	1651-2200mm	34.02	0-1650mm	1651-2200mm
13.02	0-1650mm	1651-2200mm	35.02	0-1650mm	1651-2200mm
13.52	0-1650mm	1651-2200mm	36.02	0-1650mm	1651-2200mm
14.02	0-1650mm	1651-2200mm	37.02	0-1650mm	1651-2200mm
14.3	0-1650mm	1651-2200mm	38.02	0-1650mm	1651-2200mm
14.52	0-1650mm	1651-2200mm	39.02	0-1650mm	1651-2200mm
15.02	0-1650mm	1651-2200mm	40.02	0-1650mm	1651-2200mm
15.52	0-1650mm	1651-2200mm	41.02	0-1650mm	1651-2200mm
16.02	0-1650mm	1651-2200mm	42.02	0-1650mm	1651-2200mm
16.52	0-1650mm	1651-2200mm	43.02	0-1650mm	1651-2200mm
17.02	0-1650mm	1651-2200mm	44.02	0-1650mm	1651-2200mm
17.52	0-1650mm	1651-2200mm	45.02	0-1650mm	1651-2200mm

DRILLING	
DRILLING DIAMETER RANGE	
14.02-14.99mm	22.02-22.99mm
15.02-15.99mm	23.02-23.99mm
16.02-16.99mm	24.02-24.99mm
17.02-17.99mm	25.02-25.99mm
18.02-18.99mm	26.02-26.99mm
19.02-19.99mm	27.02-27.99mm
20.02-20.99mm	28.02-28.99mm
21.02-21.99mm	

Brazed Head

DEEP HOLE PIPE PLATE DRILL

MODEL	DIAMETER	L	D3	D5	L1
GB6-Dxx.xx SK	15.60-16.20	43	10.8	12.6	20
GB6-Dxx.xx SK	16.21-16.70	43	10.8	12.6	20
GB6-Dxx.xx SK	16.71-17.20	43	10.8	12.6	20
GB6-Dxx.xx SK	17.21-17.70	43	11.8	13.6	20
GB6-Dxx.xx SK	17.71-18.40	47	12.5	14.5	21.5
GB6-Dxx.xx SK	18.41-18.90	47	12.5	14.5	21.5
GB6-Dxx.xx SK	18.91-19.20	47	13.5	15.5	21.5
GB6-Dxx.xx SK	19.21-20.00	47	13.5	15.5	21.5
GB6-Dxx.xx SK	20.01-20.90	52.5	14	16	21.5
GB6-Dxx.xx SK	20.91-21.80	52.5	14	16	21.5
GB6-Dxx.xx SK	21.81-22.90	56	16	18	21.5
GB6-Dxx.xx SK	22.91-24.10	56	16	18	21.5
GB6-Dxx.xx SK	24.11-25.20	57	17.7	19.5	21.5
GB6-Dxx.xx SK	25.211-26.40	57.5	17.5	19.5	21.5

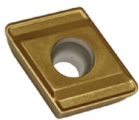
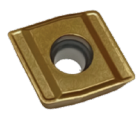


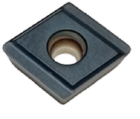
DEEP HOLE NESTING DRILL BIT

NAME	DIAMETER RANGE	F
Deep Hole Nesting Drill Bit	105	74*12 double head
	120	89*12 double head
	130	94*12 double head
	140	109*12 double head
	150	119*12 double head
	160	128*12 double head
	180	148.5*12 double head
	205	173*12 double head
	225	185*12 double head
	235	195*12 double head
	250	210*12 double head
	280	240*12 double head
	300	260*12 double head
	325	285*12 double head

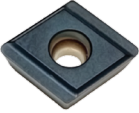


BTA Inserts

INSERTS	DESIGNATION	UT925	UT927	UT929
	800-050308-MCG/L	•	•	
	800-06T308-MCG/L	•	•	
	800-08T308-MCG/L	•	•	
	800-10T308-MCG/L	•	•	
	800-12T308-MCG/L	•	•	
	800-050308-MIG/L	•	•	
	800-06T308-MIG/L	•	•	
	800-08T308-MIG/L	•	•	
	800-12T308-MIG/L	•	•	
	800-060308-HPG/L	•	•	
	800-08T308-HPG/L	•	•	
	800-09T308-HPG/L	•	•	
	800-11T308-HPG	•	•	
	800-06A			•
	800-07A			•
	800-08A			•
	800-10A			•
	800-12A			•
	800-14D			•
	800-16D			•
	800-18D			•
	800-18D085			•
	800-20D			•
	800-24D			•
	800-26D			•

INSERTS	DESIGNATION	UT925	UT927	UT929
	GP05			•
	GP06-075			•
	GP06-085			•
	GP06-100			•
	GP06-120			•
	GP07			•
	GP08			•
	GP10			•
	GP12			•
	GP12-35-250			•
	GP14			•
	GP18			•
	LOGT060204-R	•	•	
	NPHT06003-RG	•	•	
	NPHT07504-RG	•	•	
	NPHT09004-RG	•	•	
	NPHT11004-RG	•	•	
	NPHT11004-RG	•	•	
	NPHT13004-RG	•	•	
	NPMT05503-LG	•	•	
	NPMT05503-RG	•	•	
	NPMT06504-LG	•	•	
	NPMT06504-RG	•	•	
	NPMT08004-LG	•	•	
	NPMT08004-RG	•	•	

BTA Inserts

INSERTS	DESIGNATION	UT925	UT927	UT929
	NPMT09504-LG	•	•	
	NPMT09504-LG	•	•	
	NPMT09504-RG	•	•	
	NPMT09504-RG	•	•	
	NPMT12504-LG	•	•	
	NPMT12504-RG	•	•	
	R420.37-11T3	•	•	
	R424.9-13T308-22	•	•	
	R424.9-13T308-23	•	•	
	R424.9-180608-22	•	•	
	R424.9-180608-23	•	•	
	TOGT070304-R	•	•	
	TOGT130408-R	•	•	
	TOMT080305-R	•	•	
	TOMT090305-R	•	•	
	TOMT100305-R	•	•	
	TOMT110405-R	•	•	
	TOMT120405-R	•	•	
	TPMT16T312R-22	•	•	
	TPMT16T312R-23	•	•	
	TPMT220612TR-22	•	•	
	TPMT220612TR-23	•	•	

INSERTS	DESIGNATION	UT925	UT927	UT929
	TPMX1403-LG	•	•	
	TPMX1403-RG	•	•	
	TPMX1704-LG	•	•	
	TPMX1704-RG	•	•	
	TPMX1704-RG	•	•	
	TPMX2405-RG	•	•	
	TPMX28-RG	•	•	
	TPMX2807-RG	•	•	
	TXN160408-L	•	•	
	TXN250408-G	•	•	
	TXN250408-L	•	•	
	TXN400708-A	•	•	