

AUTOMATIC BACK SPOT FACING ARBOR

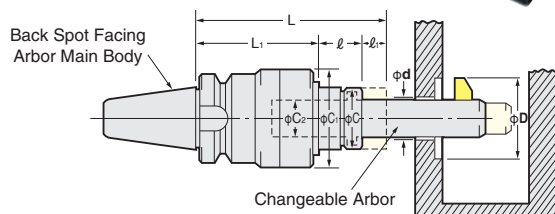
NIKKEN

No Swarf Adhesion. Mechanical Automatic Blade In/Out System.
No Need of Stopper Block.

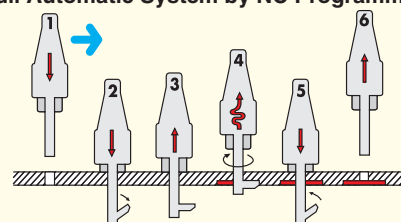


Coolant Through is standard.

AF-OH



Operational Procedure of Back Spot Facing Arbor
(Full Automatic System by NC Programming)



The front end arbor is changeable to suit different facing diameter.
Bit can be selected as follows;

- HSS : Powdered HSS + Ion Nitrided + TiAlN Coated (Min. order : 3pcs)
- Carbide : Grade P, K or M can be selected. (Min. order : 5pcs)
- Insert Tip

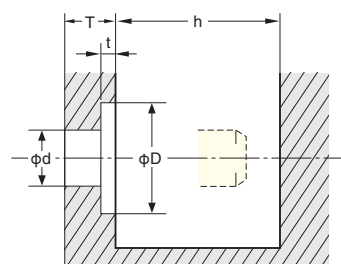
Explanation of the Code No.

9BF 120-16-31-30 -
• Byte • Arbor Code No. • I : Insert Tip
H : HSS
W : Carbide

d MIN. and D MAX. are the figures only for the selection of the main body.

TAPER	Code No.	d MIN.	D MAX.	L	L ₁	ℓ	ℓ ₁	C	C ₁	C ₂	Weight (kg)	Arbor Code No.
No.40	BT40-AF1-20-OH	16	32	185	143	7	35	60	90	32	4.5	BF120-d-D-T
	(IT40) -30-OH	29	58	205	153		45				4.8	BF130-d-D-T
	-40-OH	40	80	225	163		55				5.0	BF140-d-D-T
No.50	BT50-AF1-20-OH	16	32	160	118	7	35	60	90	32	6.0	BF120-d-D-T
	(IT50) -30-OH	29	58	180	128		45				6.5	BF130-d-D-T
	-40-OH	40	80	200	138		55				7.0	BF140-d-D-T
	BT50-AF2-50-OH	50	90	230	158	7	65	73	112	40	9.0	BF250-d-D-T
	(IT50) -60-OH	60	100	250	168		75				9.5	BF260-d-D-T
	-70-OH	70	130	270	178		85				10.0	BF270-d-D-T
	-80-OH	80	160	290	188		95				10.5	BF280-d-D-T
	-90-OH	90	180	310	198		105				11.0	BF290-d-D-T

Please specify ϕd , ϕD , t, T, h and material, when ordering.

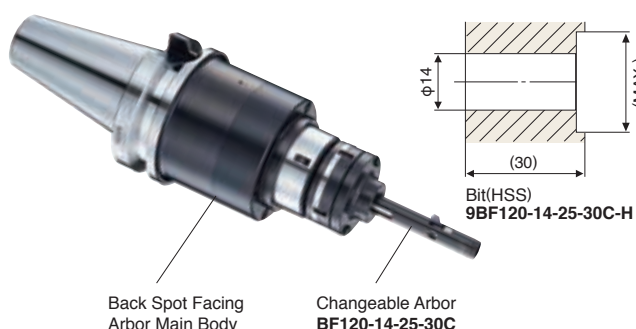


Material	Hole Dia. ϕd	Facing Dia. ϕD	Facing Depth t	Thickness T	Space h

Grade : Coated Material : Steel, Cast Iron

Code No.	Dimension	A	B	T	ϕd	Nose R	Tip Clamp Bolt	Tip Clamp Handle
AFC- 9		9.5	6.4	2.4	2.8	0.4	M2545S	T8
-15		15						
-20		20.5	7	3.2	3.5	0.8	M3065S	8IP
-27		27.4						
-35		35						
-45		45	9.4	5.4	3.5 2 pcs		M3090 2 pcs	T8

Processing example of minimum hole diameter $\phi 14$



Specification of hole diameter $\phi 14$.

■ Maximum facing diameter : $\phi 25$ (for M12 bolt head)

■ Material of bit : Powdered HSS + Ion Nitrided + TiAlN Coated

■ With coolant hole.

■ Reference Cutting Speed

Material : S50C(JIS) / Hole dia. "d" : $\phi 14$

Facing dia. "D" : $\phi 25$ / Thickness "T" : 30mm

V=20~30m/min. f=0.05~0.1mm/rev.