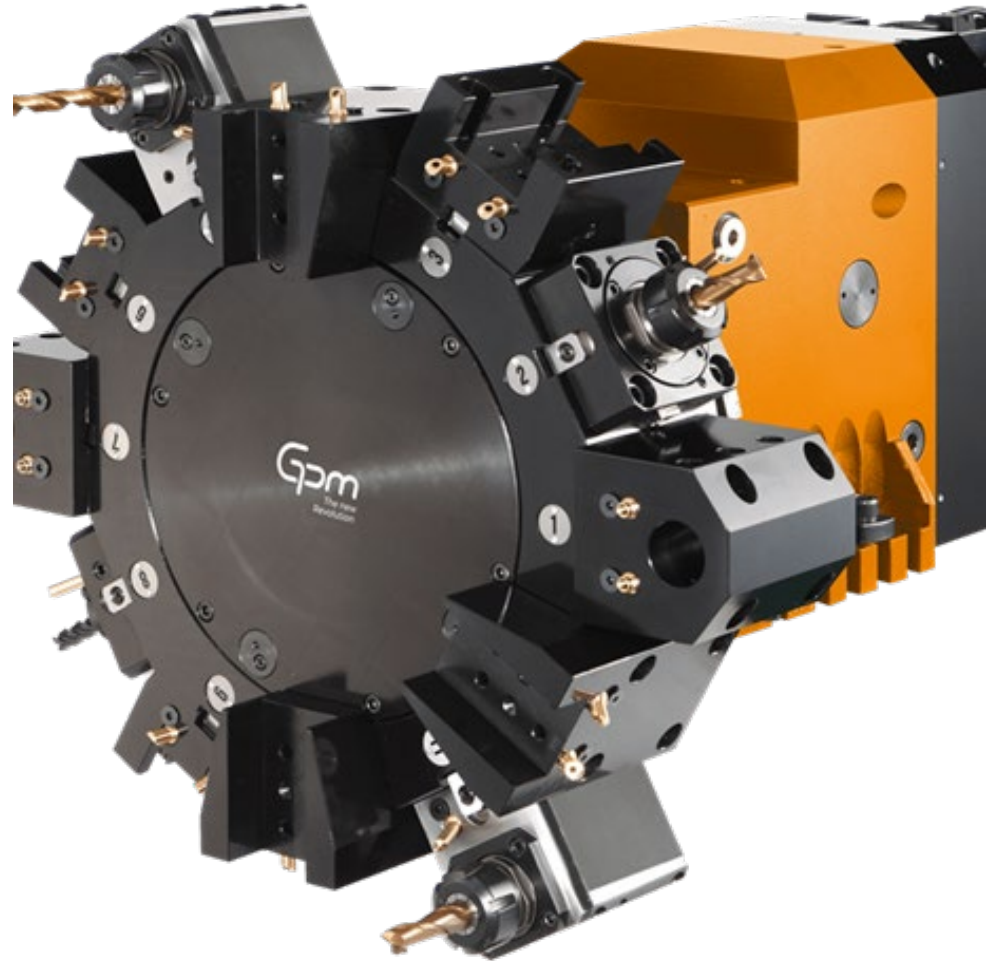


Achieve Technologies

Precision at Every Turn

Turret Disc and Live Tool Interface Specs



611 North Axford St., #301
Lake Orion, MI 48362
248.770.0465 (C)
Sales@AchieveCPK.Com
LiveToolsDirect.com

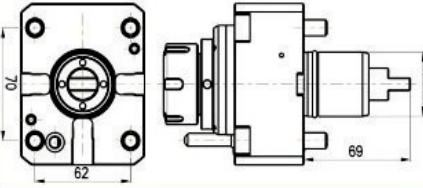
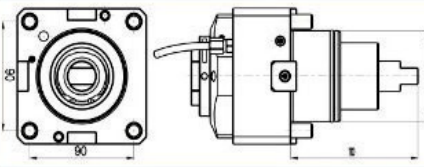
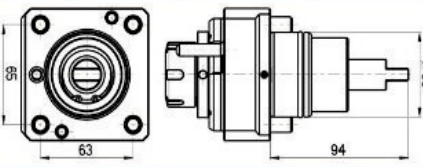
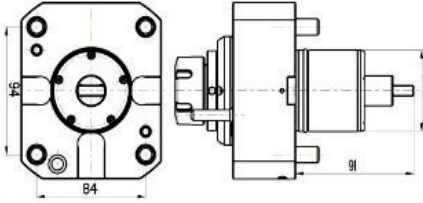
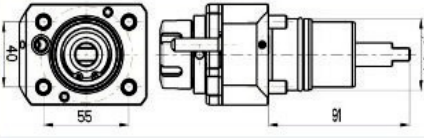
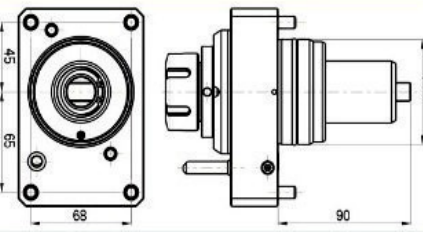
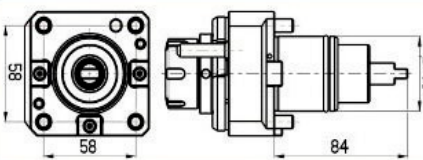
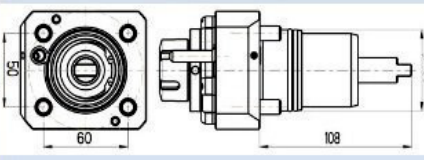
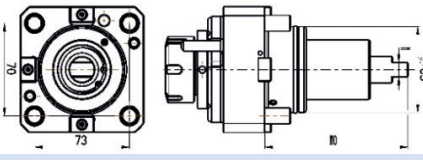
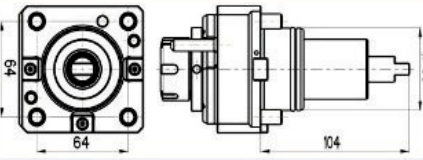
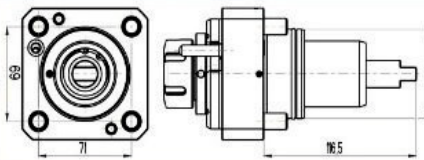
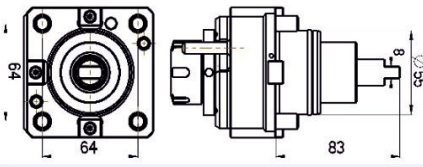
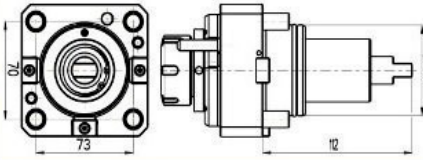
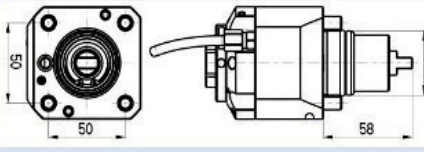
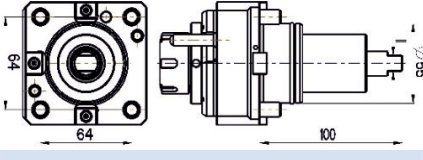
Live Tool Interface Types and Dimensions

Details code		Technical details		Details code		Technical details		Details code		Technical details	
(1:2)	Ratio 1:2	$n_2=6000\text{r/min (in)}$ $n_2=12000\text{r/min (out)}$		JB	VDI40 OKUMA			B	VDI30 ~DIN1809		
(2:1)	Ratio 2:1	$n_2=6000\text{r/min (in)}$ $n_2=3000\text{r/min (out)}$									
HD	Heavy Duty	Increased bearing sizes									
ED	Extreme Duty	Full bearings capacity									
JA	VDI30 OKUMA			JBS	VDI40 OKUMA same rotation (in-out)			C	VDI30 DIN1809		
JB	VDI30 OKUMA			JC	VDI40 OKUMA			D	VDI30 ~DIN1809		
JA	VDI40 OKUMA			JD	VDI40 OKUMA			D	VDI30 TOEM		
JAS	VDI40 OKUMA same rotation (in-out)			JE	VDI40 OKUMA			S	VDI40 (short)		

Live Tool Interface Types and Dimensions

Details code	Technical details	Details code	Technical details	Details code	Technical details
D	VDI40 DIN1809	B	VDI40 HAAS	MZ2	VDI40 MAZAK
C	VDI40 TOEM	BS	VDI40 HAAS same rotation (in-out)	JA	VDI50 OKUMA
D	VDI40 TOEM	C	VDI40 HAAS	B	VDI50 DIN1809
A	VDI40 HAAS	CS	VDI40 HAAS same rotation (in-out)	(JA)	BMT60 OKUMA
AS	VDI40 HAAS same rotation (in-out)	MZ1	VDI40 MAZAK	(JB)	BMT60 OKUMA

Live Tool Interface Types and Dimensions

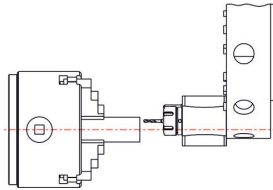
Details code	Technical details		Details code	Technical details		Details code	Technical details	
(MS)	BMT40 MORI-SEIKI		(DO)	BMT75 DOOSAN		(BL)	BMT55 BIGLIA	
(MS)	BMT60 MORI-SEIKI		(NT)	BMT44 NAKAMURA -TOME		(MZ)	BMT68 MAZAK	
(DO)	BMT45 DOOSAN		(NT)	BMT55 NAKAMURA -TOME		(EM)	BMT65 EMAG	
(DO)	BMT55 DOOSAN		(NT)	BMT65 NAKAMURA -TOME		(EM1)	BMT55 EMAG	
(DO)	BMT65 DOOSAN		(BL)	BMT40 BIGLIA		(EM2)	BMT55 EMAG	

Disc – Tool Orientations

Operations with VDI Disk-type turret

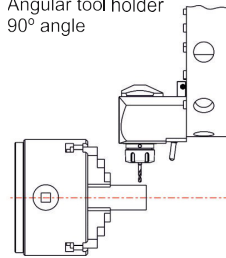
Axial operation

Straight tool holder

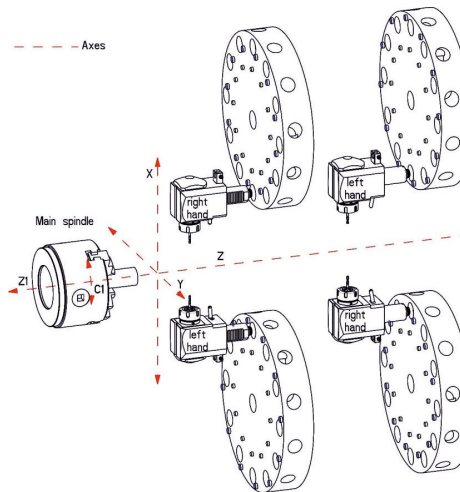


Radial operation

Angular tool holder
90° angle



Right and Left hand versions on Disk - type Turrets

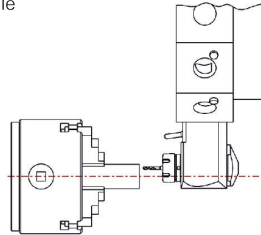


Disc – Tool Orientations

Operations with VDI Star-type turret

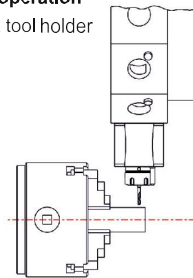
Axial operation

Angular tool holder
90° angle



Radial operation

Straight tool holder



Right and Left hand versions on Star-type Turrets with Main and Sub spindle

