

ACROW IMP

Fig.1

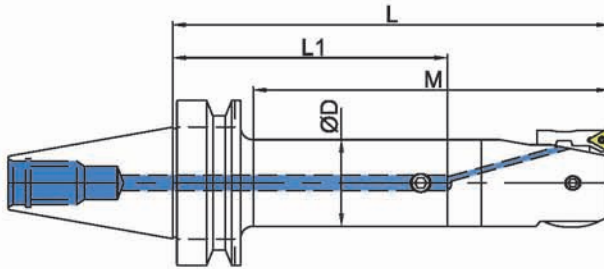
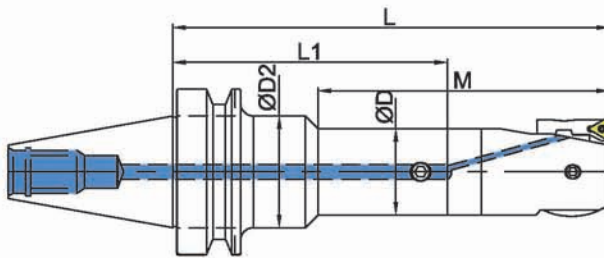


Fig.2

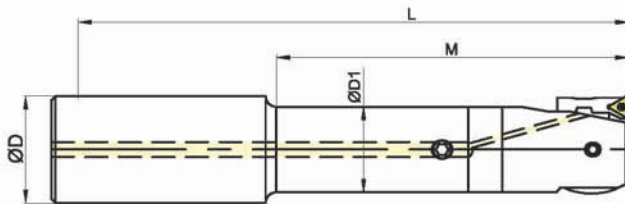


Part No.	Fig.	ØD	ØD2	L	L1	M	Boring Heads	Boring Range
BT30-BSD19-105	2	19	31	105	72	67	BSD.19	Ø20 ~ Ø26
-BSD24-075	1	24	-	75	40	48	BSD.24	Ø25 ~ Ø33
-120				120	80	88		
-BSD31-080	1	31	-	80	40	53	BSD.31	Ø32 ~ Ø42
-120				120	75	88		
-BSD39-085	1	39	-	85	38	62	BSD.39	Ø41 ~ Ø54
-120				120	73	96		
-BSD50-120	2	50	45	120	63	93	BSD.50	Ø53 ~ Ø70
-BSD64-155	2	54	45	155	84	-	BSD.64	Ø68 ~ Ø100
BT40-BSD19-110	1	19	-	110	70	70	BSD.19	Ø20 ~ Ø26
-150	2		40	150	118	72		
-200	2	24	-	120	80	83	BSD.24	Ø25 ~ Ø33
-BSD24-120	1		-	120	80	83		
-160	2		45	160	125	88		
-210	2	31	45	210	175	88	BSD.31	Ø32 ~ Ø42
-BSD31-135	1		-	135	95	103		
-190	2		50	190	150	98		
-240	2	39	50	240	200	98	BSD.39	Ø41 ~ Ø54
-BSD39-135	1		-	135	88	103		
-190	2		50	190	143	103		
-240	2	50	50	240	193	103	BSD.50	Ø53 ~ Ø70
-BSD50-135	1		-	135	78	103		
-190	2		50	190	133	140		
-240	2	64	50	240	183	150	BSD.64	Ø68 ~ Ø100
-BSD64-135	1		-	135	64	103		
-190	2		62	190	119	158		
-240	2	64	62	240	169	208	BSD.90	Ø99 ~ Ø152
-190	1		-	190	119	158		
-240	1		-	240	169	208		



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Part No.	Fig.	ØD	ØD2	L	L1	M	Boring Heads	Boring Range	
BT50-BSD19-135	2	19	31	135	103	72	BSD.19	Ø20 ~ Ø26	
-200			40	200	168				
-250				250	218				
-BSD24-150	1	24	-	150	108	98	BSD.24	Ø25 ~ Ø33	
-210	2		45	210	175				
-260			260	225					
-BSD31-165	1	31	-	165	118	113	BSD.31	Ø32 ~ Ø42	
-240	2		50	240	200				
-280			280	240					
-BSD39-165	1	39	-	165	118	120	BSD.39	Ø41 ~ Ø54	
-240	2		50	240	193				
-280			280	233					
-BSD50-165	1	50	-	165	108	120	BSD.50	Ø53 ~ Ø70	
-240				240	183	190			
-280				280	223	230			
-BSD64-165	1	64	-	165	94	125	BSD.64	Ø68 ~ Ø100	
								BSD.90	Ø99 ~ Ø152
-240				240	169	200	BSD.64	Ø68 ~ Ø100	
								BSD.90	Ø99 ~ Ø152
				280	209	240	BSD.64	Ø68 ~ Ø100	
							BSD.90	Ø99 ~ Ø152	



BSD - ST Straight Shanks

Part No.	ØD	ØD1	L	M	Boring Heads	Boring Range
ST32-BSD19-080	32	19	128	75	BSD.19	Ø20 ~ Ø26
-BSD24-096		24	176	96	BSD.24	Ø25 ~ Ø33
-BSD31-124		31	204	124	BSD.31	Ø32 ~ Ø42
-BSD39-124		39	204	124	BSD.39	Ø41 ~ Ø54
-BSD50-105		50	185	105	BSD.50	Ø53 ~ Ø70
		64	215	135	BSD.64	Ø68 ~ Ø100
-BSD64-135						

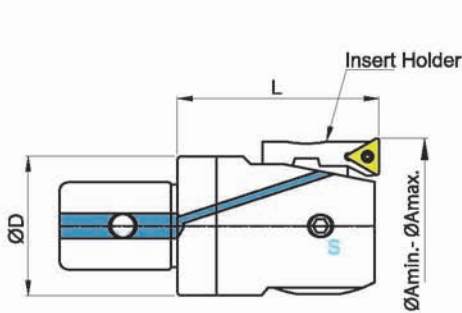


Fig.1

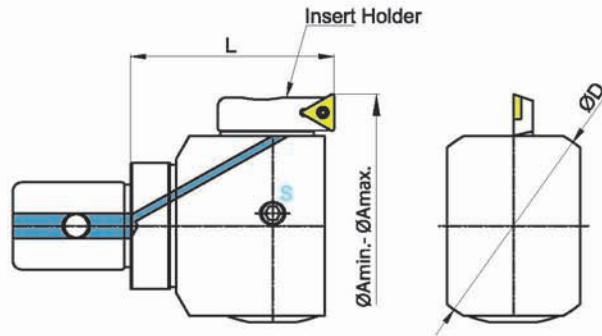


Fig.2

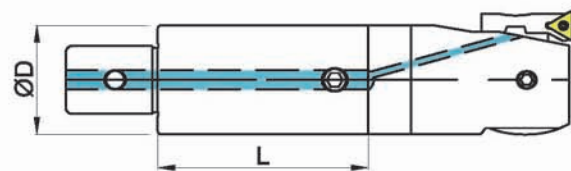


- ❖ One division on the scale corresponds to 0.005mm movement, or 0.01 mm diametrical adjustment.
- ❖ Coolant is supplied through the center of the boring head.
- ❖ Included in the delivery are insertholders type BSD.H.
- ❖ Please use the correct hexagon and Trox wrenches.
- ❖ Before adjusting, the screw "S" should be loosened first.

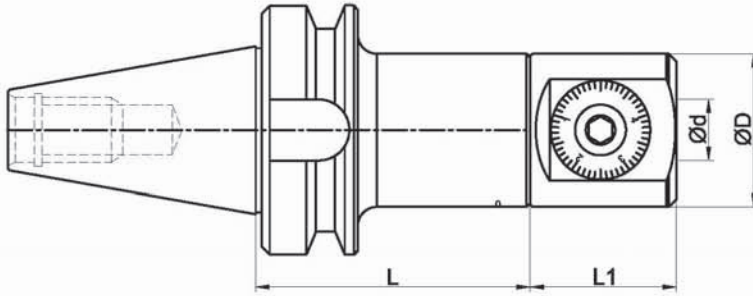
Part No.	Fig.	Ø D	L	Boring Range ØAmin ~ ØAmax	Insert Holder	Insert	Torx Screw
BSD.19	1	19	32.5	Ø20 ~ Ø26	B.BSD.H1.19	TPGP/TPGD0802..	M2.0*5.5
BSD.24	1	24	35.5	Ø25 ~ Ø33	B.BSD.H2.24		
BSD.31	1	31	40	Ø32 ~ Ø42	B.BSD.H3.31		
BSD.39	1	39	47	Ø41 ~ Ø54	B.BSD.H4.39	TCGT/TCMT1102..	M2.5*6.3
BSD.50	1	50	57	Ø53 ~ Ø70	B.BSD.H5.50		
BSD.64	1	64	71	Ø68 ~ Ø100	B.BSD.H6.64		
BSD.90	2	90		Ø99 ~ Ø152			

BSD EXTENSIONS

Part No.	ØD	L
BSD19.EXT	19	20
BSD24.EXT	24	30
BSD31.EXT	31	30
BSD39.EXT	39	45
BSD50.EXT	50	50
BSD64.EXT	64	60



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FBH fine boring heads and boring bars to be ordered separately

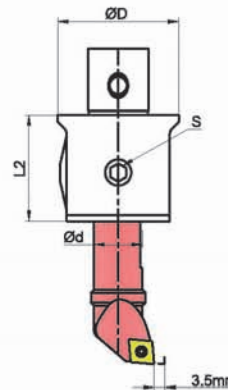
Part No.	ØD	L	L1	L+L1	Ød	FBH Boring Heads	Range
BT30-MBM55-080	55	80	45	125	12	FBH.55	Ø3~Ø32
-BSD64-155	64	84	46	130	16	FBH.64	Ø3~Ø42
BT40-MBM55-057	55	57	45	102	12	FBH.55	Ø3~Ø32
-BSD64-135	64	64	46	110	16	FBH.64	Ø3~Ø42
BT50-MBM55-080	55	80	45	125	12	FBH.55	Ø3~Ø32
-BSD64-165	64	94	46	140	16	FBH.64	Ø3~Ø42

❖ Before using BT30 - BSD64-155+FBH64, please check the machine ATC can hold 4.0kg or more

FBH FINE BORING HEADS

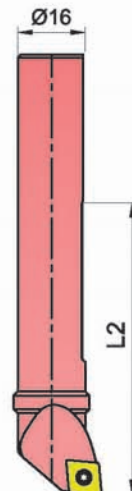
Part No.	ØA Range	ØD	Ød	L2
FBH.55	Ø3~Ø30	55	12	45
FBH.64	Ø3~Ø40	64	16	46

- ❖ One division on the scale corresponds to 0.005 mm movement, or 0.01 mm diametrical adjustment
- ❖ With spindle coolant supply.
- ❖ Please use the correct hexagon wrenches.
- ❖ Before adjusting, the screws should be loosened first



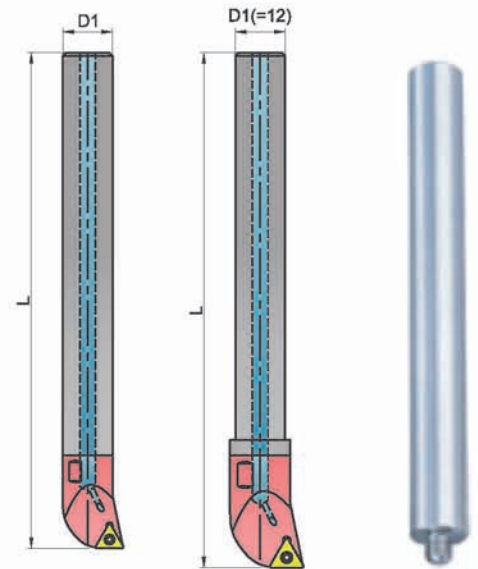
BS BORING BARS

Part No.	ØA Range	L2	Insert
BS.008.002	8.0 ~ 13.0	18	WCGT0201..
BS.010.006	10.0 ~ 15.0	30	CCM.0602../CCG.0602..
BS.012.006	12.0 ~ 17.0	35	
BS.014.006	14.0 ~ 19.0	40	
BS.015.006	15.0 ~ 20.0	45	
BS.016.006	16.0 ~ 21.0	50	
BS.018.006	18.0 ~ 23.0	55	
BS.020.009	20.0 ~ 25.0	65	CCM.09T3../CCG.09T3..
BS.022.009	22.0 ~ 27.0	85	
BS.025.009	25.0 ~ 30.0		
BS.028.009	28.0 ~ 33.0		
BS.032.009	32.0 ~ 37.0		
BS.035.009	35.0 ~ 40.0		



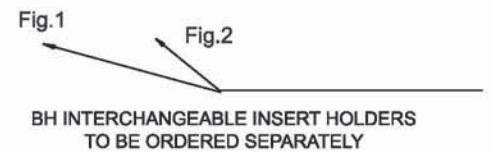
SCB Solid Carbide Shank Boring Bar, with through coolant

Part No.	Fig.	ØD1	L	Suitable BH
SCB.08.120	1	8	129	BH09, BH10.5
SCB.10.140		10	146	BH12
SCB.12.160		12	180	BH14, BH16
SCB.16.100	1	16	132	BH18, BH20, BH22, BH24, BH26, BH28, BH30
SCB.16.150			172	
SCB.16.200			217	
SCBS.12.160	2	12	180	



SHB Steel Shank Boring Bar

Part No.	Fig.	ØD1	L	Suitable BH
SHB.08.080	1	8	94	BH09, BH10.5
SHB.10.100		10	117	BH12
SHB.12.120		12	137	BH14, BH16
SHB.16.140	1	16	157	BH18, BH20, BH22, BH24, BH26, BH28, BH30
SHBS.12.120			2	



BH Interchangeable Insert Holders

Part No.	ØA Range	Suitable		Insert
		SCB	SBH	
BH09	9.0 ~ 10.5	SCB.08.120	SHB.08.080	TPGT802..
BH10.5	10.5 ~ 12.0		SHB.10.100	
BH12	12.0 ~ 14.0	SCB.12.160	SHB.12.120	
BH14	14.0 ~ 16.0		SCB.16.200	
BH16	16.0 ~ 18.0			
BH18	18.0 ~ 20.0			
BH20	20.0 ~ 22.0			
BH22	22.0 ~ 24.0			
BH24	24.0 ~ 26.0			
BH26	26.0 ~ 28.0			
BH28	28.0 ~ 30.0			
BH30	30.0 ~ 32.0			

