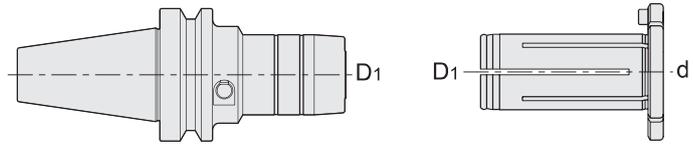


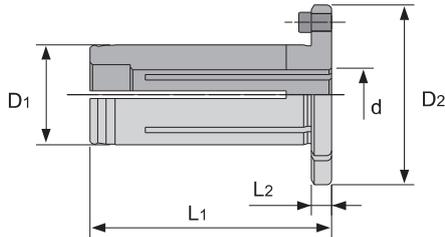
# Collet with stopper pin for PHC-A

## Minimum clamping length for PHS-A

Collet I.D. $\phi$ Metric	Collet I.D. $\phi$ Inch	Min. Clamping length Metric(Inch)
3, 4	1/8	25 (0.984)
5	3/16	30 (1.181)
6, 7	5/16	34 (1.339)
8, 9	7/16	38 (1.496)
10, 11	9/16, 1/4	42 (1.654)
12, 13, 14, 15, 16	3/8, 1/2, 5/8	50 (1.969)



## For cutter with oil hole



### Metric / Metric

Unit : Metric

Model	D1	D2	L1	L2	$\phi$
PHS12- $\phi$ -OH	12	26	49	4	3, 4, 5, 6, 7, 8, 9, 10
PHS20- $\phi$ -OH	20	36	49	4	3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 15, 16

### Metric / Inch

Unit : Inch

Model	D1	D2	L1	L2	$\phi$
PHS12- $\phi$ -OH	0.472	1.024	1.929	0.158	1/8, 3/16, 1/4, 5/16
PHS20- $\phi$ -OH	0.787	1.418	1.929	0.158	1/8, 3/16, 1/4, 5/16, 7/16, 1/2, 9/16, 5/8

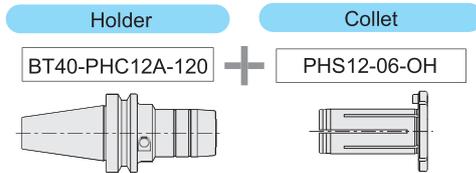
### Inch / Inch

Unit : Inch

Model	D1	D2	L1	L2	$\phi$
PHS0500- $\phi$ -OH	0.500	1.024	1.929	1.158	1/8, 3/16, 1/4, 5/16
PHS0750- $\phi$ -OH	0.750	1.418	1.929	0.158	1/8, 3/16, 1/4, 5/16, 7/16, 1/2, 9/16, 5/8

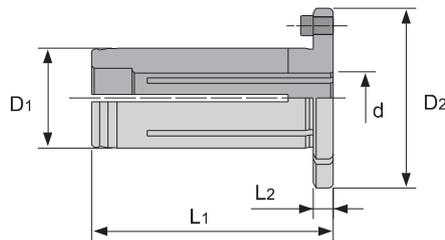
### Ordering Example

To hold  $\phi 6$  cutting tool with BT40-PHC12A-120



The collet with stopper pin can be used with PHC12A and PHC20A only.  
The collet with stopper pin can be used with the length adjustment unit.

## For collet through coolant



### Metric / Metric

Unit : Metric

Model	D1	D2	L1	L2	$\phi$
PHS12- $\phi$ -C	12	26	49	4	3, 4, 5, 6, 7, 8, 9
PHS20- $\phi$ -C	20	36	49	4	3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 15, 16

### Metric / Inch

Unit : Inch

Model	D1	D2	L1	L2	$\phi$
PHS12- $\phi$ -C	0.472	1.024	1.929	0.158	1/8, 3/16, 1/4, 5/16
PHS20- $\phi$ -C	0.787	1.418	1.929	0.158	1/8, 3/16, 1/4, 5/16, 7/16, 1/2, 9/16, 5/8

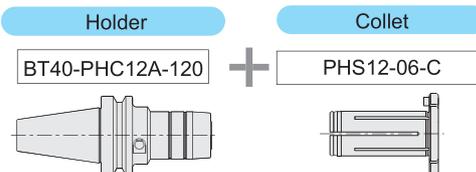
### Inch / Inch

Unit : Inch

Model	D1	D2	L1	L2	$\phi$
PHS0500- $\phi$ -C	0.500	1.024	1.929	1.158	1/8, 3/16, 1/4, 5/16
PHS0750- $\phi$ -C	0.750	1.418	1.929	0.158	1/8, 3/16, 1/4, 5/16, 7/16, 1/2, 9/16, 5/8

### Ordering Example

To hold  $\phi 6$  cutting tool using collet through coolant feed with BT40-PHC12A-120



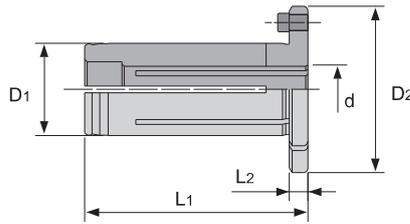
The collet with stopper pin can be used with PHC12A and PHC20A only.  
The collet with stopper pin can be used with the length adjustment unit.

# Collet with stopper pin for PHC-H

For cutter with oil hole



For collet through coolant



Min. Clamping length

Collet I.D. [d]	Min. Clamping length
6, 8 (0.250 - 0.312)	29 (1.142 inch)
10, 12, 16, 20 (0.375, 0.500, 0.625, 0.750)	40 (1.575 inch)
25 (1.000)	50 (1.969 inch)

The collet with stopper pin can be used with PHC20H, PHC32H, PHC0750H and PHC1250H.

## Ordering Example

To hold  $\phi 6$  cutting tool with BT40-PHC20H-75

To hold  $\phi 3/8$  cutting tool using collet through coolant feed with CAT40-PHC0750H-85

Chuck	Collet	Chuck	Collet
BT40-PHC20H-75	PHS20H-06-OH	CAT40-PHC0750H-85	PHS0750H-0375-C

## METRIC-METRIC

For cutter with oil hole / Unit: Metric

Model	D1	D2	L1	L2	[d]
PHS 20H-[d]-OH	20 (0.787 inch)	41 (1.614 inch)	60 (2.362 inch)	4 (0.157 inch)	6, 8, 10, 12, 16
32H-[d]-OH	32 (1.260 inch)	55 (2.165 inch)	72 (2.835 inch)	54 (0.157 inch)	6, 8, 10, 12, 16, 20, 25

For collet through coolant / Unit: Metric

Model	D1	D2	L1	L2	[d]
PHS 20H-[d]-C	20 (0.787 inch)	41 (1.614 inch)	60 (2.362 inch)	4 (0.157 inch)	6, 8, 10, 12, 16
32H-[d]-C	32 (1.260 inch)	55 (2.165 inch)	72 (2.835 inch)	54 (0.157 inch)	6, 8, 10, 12, 16, 20, 25

## METRIC-INCH

For cutter with oil hole / Unit: Metric

Model	D1	D2	L1	L2	[d]
PHS 20H-[d]-OH	20 (0.787 inch)	41 (1.614 inch)	60 (2.362 inch)	4 (0.157 inch)	0.250, 0.312, 0.375, 0.500, 0.625
32H-[d]-OH	32 (1.260 inch)	55 (2.165 inch)	72 (2.835 inch)	4 (0.157 inch)	0.250, 0.312, 0.375, 0.500, 0.625, 0.750, 1

For collet through coolant / Unit: Metric

Model	D1	D2	L1	L2	[d]
PHS 20H-[d]-C	20 (0.787 inch)	41 (1.614 inch)	60 (2.362 inch)	4 (0.157 inch)	0.250, 0.312, 0.375, 0.500, 0.625
32H-[d]-C	32 (1.260 inch)	55 (2.165 inch)	72 (2.835 inch)	4 (0.157 inch)	0.250, 0.312, 0.375, 0.500, 0.625, 0.750, 1

## INCH-INCH

For cutter with oil hole / Unit: Inch

Model	D1	D2	L1	L2	[d]
PHS 0750H-[d]-OH	0.750 (19.05mm)	1.614 (41mm)	2.362 (60mm)	0.157 (4mm)	0.250, 0.312, 0.375, 0.500, 0.625
1250H-[d]-OH	1.250 (31.75mm)	2.165 (55mm)	2.835 (72mm)	0.157 (4mm)	0.250, 0.312, 0.375, 0.500, 0.625, 0.750, 1

For collet through coolant / Unit: Inch

Model	D1	D2	L1	L2	[d]
PHS 0750H-[d]-C	0.750 (19.05mm)	1.614 (41mm)	2.362 (60mm)	0.157 (4mm)	0.250, 0.312, 0.375, 0.500, 0.625
1250H-[d]-C	1.250 (31.75mm)	2.165 (55mm)	2.835 (72mm)	0.157 (4mm)	0.250, 0.312, 0.375, 0.500, 0.625, 0.750, 1