

# Kantilal & Brothers

*Your Fastening Need Companion*

## BLIND RIVET NUT CATALOGUE 2023



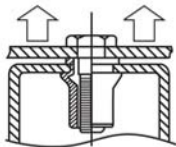
[www.kbfasteners.in](http://www.kbfasteners.in)

- **Kantilal & Brothers (K&B)** is a **fastening** solution provider . With more than **50** years experience service in the **Fastening World** we provide customers with problem-solving and cost-efficient fastening solutions. **K&B** meets this goal by offering complete **fastening solutions**.This catalogue include **different Blind Rivet Nuts**.
- To assist its customers in their assembly of quality products, **K&B** emphasizes stringent quality control standards in the manufacture of these industrial riveting systems. **Our Partners's** facilities have been recognized as compliant with various quality standards,including IATF 16949.
- Now the products is widely used in the truck cabs, trailers, recreational vehicles, solar , wind, heating industrial. We gain a very good reputation from industry-wide customers.
- We are keeping investing on nowadays techknowledge and upgrading the machine to support the new market applications and customer tailored solutions. Grip tight for the long haul.

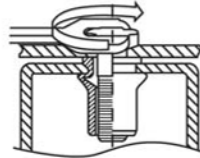


(STANDARD BY:GB/T17880.6-1999)

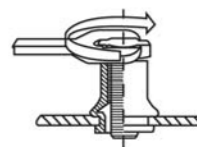
## TECHNICAL DATA SHEET



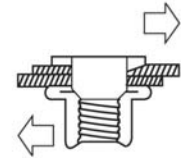
Axial proof load



Broken torque



Torque to turn



Shearing strength

TABLE 1:AXIAL PROOF LOAD FOR THREAD

Unit:N

Rivet nut	Mechanical char	Thread Size							
		M3	M4	M5	M6	M8	M10	M12	
Round and Hex,Flat and (Reduced)countersunk head	steel/stainless steel	3900	6800	11500	16500	25000	32000	34000	
	Aluminum	1900	4000	6500	7800	12300	17500	---	

TABLE 2:BROKEN TORQUE

Unit:N.m

螺纹规格 Thread Size	M3	M4	M5	M6	M8	M10	M12
Steel/Inox Flat head,round and hex	2	5	8.5	15	26	50	80
Steel/Inox Countersunk head,round and hex	1	4	8	15	26	45	70
Steel/Inox Reduced head,round and hex	1	3	6	11	20	32	50
Alu Flat and reduced (counter)head round body	0.7	2.5	5	8	20	25	---

TABLE 3:TURNING TORQUE FOR CLAMPING FORCE

Unit:N.m

螺纹规格 Thread Size	M3	M4	M5	M6	M8	M10	M12
Steel/Inox Flat head,round body	0.5	1	2	4.5	5.5	11	30
Steel/Inox (Reduced) counter head round	0.4	0.8	1.5	3.5	4.5	8.5	24
Aluminum Flat head,round body	0.25	0.9	1.5	3.5	5	6.5	21
Aluminum (Reduced) counter,round body	0.2	0.7	1.2	2.5	4	5	16

TABLE 4:SHEARING STRENGTH

Unit:N

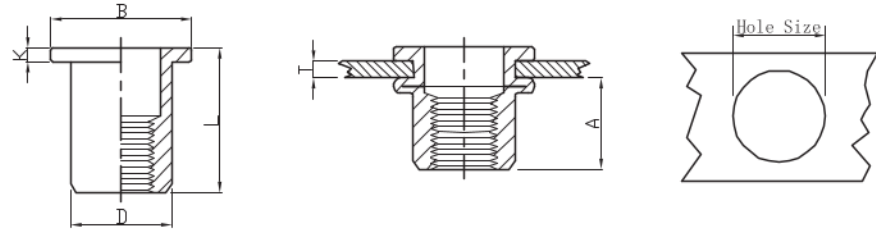
Rivet nut	Mechanical char	Thread Size							
		M3	M4	M5	M6	M8	M10	M12	
Round and Hex,Flat and (Reduced) countersunk head	steel/stainless steel	900	1500	2000	3000	4400	5000	6500	
	Aluminum	600	1000	1200	2000	2400	3800	---	

1 Steel for C1008 2. Stainless steel for ANSI304 3. Aluminum for Almg2.5

ALL THESE DATA ARE JUST FOR YOUR REFERENCE.THE EXACT DATA PLEASE FOLLOW OUR PHYSICAL TESTS.

## FH-RB

### Flat Head Round Body Plain

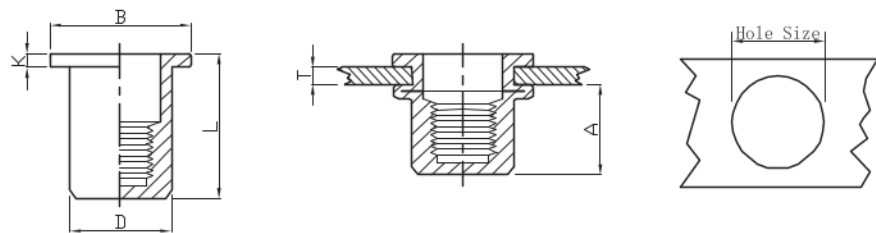


UNIT: mm

Thread	P/N	T(GRIP RANGE)		A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
		Min	Max						
M3	FH-RB-0315	0.5	1.5	4.7	5.0	4.9	7.2	0.8	8.5
	FH-RB-0325	1.5	2.5						9.5
M4	FH-RB-0420	0.5	2.0	6.0	6.0	5.9	8.5	0.8	10.5
	FH-RB-0435	2.0	3.5						12.0
M5	FH-RB-0525	0.5	2.5	7.5	7.0	6.9	10.0	1.0	13.0
	FH-RB-0550	2.5	5.0						17.0
M6	FH-RB-0630	0.5	3.0	9.2	9.0	8.9	12.3	1.3	15.5
	FH-RB-0655	3.0	5.5						18.0
M8	FH-RB-0835	0.5	3.5	11.5	11.0	10.9	15.0	1.5	18.5
	FH-RB-0860	3.5	6.0						21.0
M10	FH-RB-1025	0.5	2.5	11.5	13.0	12.9	16.3	1.5	17.0
M10	FH-RB-1040	2.5	4.0	12.5	13.0	12.9	17.0	1.6	21.0
	FH-RB-1060	4.0	6.0						24.0
M10	FH-RB-1035(12H)	1.0	3.5	11.0	12.0	11.9	16.0	1.6	19.0
M12	FH-RB-1240	1.0	4.0	13.5	15.0	14.9	18.0	1.7	22.0
	FH-RB-1265	4.0	6.5						25.0
M12	FH-RB-1240(16H)	1.0	4.0	16.0	16.0	15.9	22.0	2.0	25.0
M16	FH-RB16	2.5	5.0	20.0	21.0	20.9	26.0	2.5	33.0

## FH-RBC

### Flat Head Round Body Plain Close End

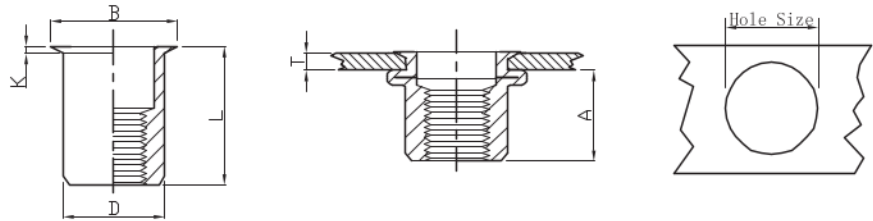


UNIT: mm

Thread	P/N	T(GRIP RANGE)		A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
		Min	Max						
M3	FH-RBC-0315	0.5	1.5	10.0	5.0	4.9	7.2	0.8	13.3
M4	FH-RBC-0420	0.5	2.0	11.3	6.0	5.9	9.0	0.8	16.0
	FH-RBC-0440	2.0	4.0						18.0
M5	FH-RBC-0525	0.5	2.5	11.5	7.0	6.9	10.0	1.0	17.0
	FH-RBC-0550	2.5	5.0						19.0
M6	FH-RBC-0630	0.5	3.0	12.7	9.0	8.9	12.3	1.3	19.2
	FH-RBC-0650	3.0	5.5						21.0
M8	FH-RBC-0830	0.5	3.0	14.8	11.0	10.9	15.0	1.5	21.5
	FH-RBC-0855	3.0	5.5						24.0
M10	FH-RBC-1040	1.0	4.0	19.2	13.0	12.9	17.0	1.6	27.0

## RH-RB

### Reduce Head Round Body Plain

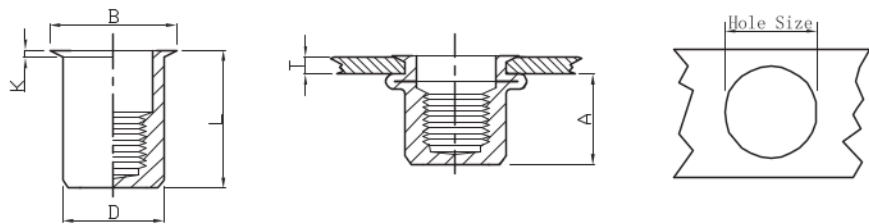


UNIT : mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	RH-RB-0315	0.5-1.5	6.2	5.0	4.9	6.0	0.5	9.0
M4	RH-RB-0420 RH-RB-0440	0.5-2.0 2.0-4.0	6.5	6.0	5.9	7.0	0.5	10.5 13.0
M5	RH-RB-0520 RH-RB-0540	0.5-2.0 2.0-4.0	7.0	7.0	6.9	8.0	0.5	11.5 13.0
M6	RH-RB-0625 RH-RB-0650	0.5-2.5 2.5-5.0	8.5	9.0	8.9	10.5 10.0	0.6 0.6	14.0 17.0
M8	RH-RB-0830 RH-RB-0850	0.5-3.0 3.0-5.0	10.0	11.0	10.9	12.0	0.65	16.5 18.5
M10	RH-RB-1030 RH-RB-1055	0.5-3.0 3.0-5.5	13.0	13.0	12.9	14.1	0.7	17.7 21.0
M10	RH-RB-1030(12H)	0.5-3.0	12.5	12.0	11.9	13.0	0.7	18.0

## RH-RBC

### Reduce Head Round Body Plain Close End

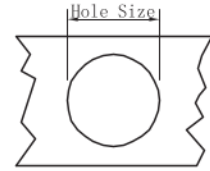
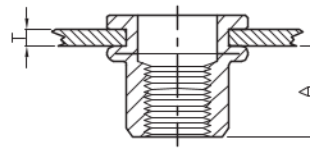
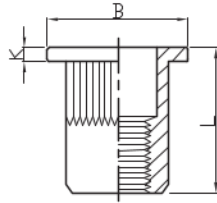


UNIT : mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	RH-RBC-0420 RH-RBC-0435	0.5-2.0 2.0-3.5	11.0	6.0	5.9	7.0	0.5	15.0 16.0
M5	RH-RBC-0520 RH-RBC-0535	0.5-2.0 2.0-3.5	12.5	7.0	6.9	8.0	0.5	16.5 17.5
M6	RH-RBC-0625 RH-RBC-0640	0.5-2.5 2.5-4.0	15.5	9.0	8.9	10.0	0.6	20.5 22.0
M8	RH-RBC-0830 RH-RBC-0845	0.5-3.0 2.5-4.5	17.0	11.0	10.9	12.0	0.65	23.0 24.5
M10	RH-RBC-1030 RH-RBC-1050	1.0-3.0 3.0-5.0	18.2	13.0	12.9	14.1	0.7	24.5 26.0

## FH-KB

### Flat Head Knurled Body



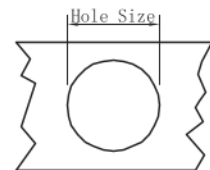
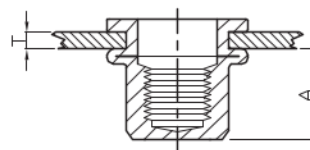
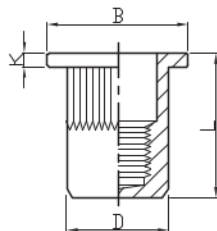
UNIT: mm

Thread	P/N	T(GRIP RANGE)		A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
		Min	Max						
M3	FH-KB-0315	0.5	1.5	6.0	5.0	4.9	8.0	0.8	10.0
M4	FH-KB-0420	0.5	2.0	6.0	6.0	5.9	9.0	0.8	10.5
	FH-KB-0435	2.0	3.5						12.0
M5	FH-KB-0525	0.5	2.5	7.5	7.0	6.9	10.0	1.0	13.0
	FH-KB-0550	2.5	5.0	8.5					16.5
M6	FH-KB-0630	0.5	3.0	9.2	9.0	8.9	12.30 (*13.0)	1.3	15.5
	FH-KB-0655	3.0	5.5	10.5					19.5
M8	FH-KB-0835	1.0	3.5	11.5	11.0	10.9	14.5(*16.0)	1.5	18.5
	FH-KB-0860	3.5	6.0	11.5					21.0
M10	FH-KB-1040	1.0	4.0	13.5	13.0	12.9	17.0(*19.0)	1.7	21.5
	FH-KB-1065	4.0	6.5	13.5					24.0
M12	FH-KB-1240	1.0	4.0	13.5	15.0	14.9	18.0	1.7	22.0
	FH-KB-1265	4.0	6.5	14.0					25.0
M10	FH-KB-1035(12H)	1.0	3.5	11.0	12.0	11.9	16.0	1.6	19.0
M12	FH-KB-1240(16H)	1.0	4.0	15.0	16.0	15.9	22.0	2.0	25.0
	FH-KB-1260(16H)	3.5	6.0	16.0					28.0

※ Part are different series, if customer need this size, please mark.  
 ※ All this part included serration or without serration under the flange.

## FH-KBC

### Flat Head Knurled Body Close End

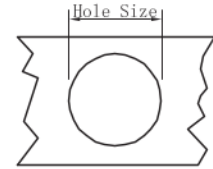
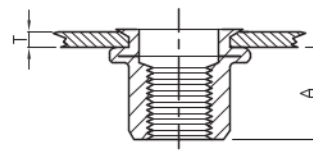
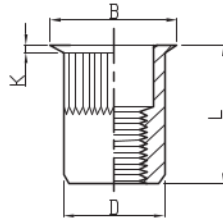


UNIT: mm

Thread	P/N	T(GRIP RANGE)		A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
		Min	Max						
M4	FH-KBC-0420	0.5	2.0	11.3	6.0	5.9	9.0	0.8	16.0
	FH-KBC-0440	2.0	4.0						18.0
M5	FH-KBC-0530	0.5	3.0	11.5	7.0	6.9	10.0	1.0	17.0
	FH-KBC-0550	2.5	5.0						19.0
M6	FH-KBC-0630	0.5	3.0	12.7	9.0	8.9	12.3	1.3	19.2
	FH-KBC-0650	3.0	5.0						21.0
M8	FH-KBC-0830	0.5	3.0	14.8	11.0	10.9	15.0	1.5	21.5
	FH-KBC-0855	3.0	5.5						24.0
M10	FH-KBC-1040	1.0	4.0	19.2	13.0	12.9	17.0	1.6	27.0

## RH-KB

### Reduce Head Knurled Body

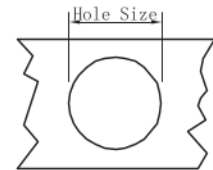
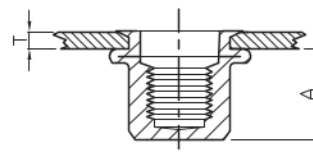
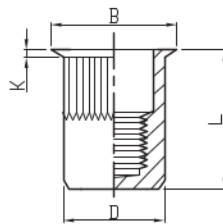


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	RH-KB-0320	0.5-2.0	6.2	5.0	4.9	6.0	0.5	9.0
M4	RH-KB-0420 RH-KB-0440	0.5-2.0 2.0-4.0	7.0	6.0	5.9	7.0	0.5	11.2 13.0
M5	RH-KB-0520 RH-KB-0540	0.5-2.0 2.0-4.0	7.0	7.0	6.9	8.0	0.5	11.5 13.0
M6	RH-KB-0625 RH-KB-0650	0.5-2.5 2.5-5.0	8.5	9.0	8.9	10.0	0.6	14.0 16.0
M8	RH-KB-0830 RH-KB-0850	0.5-3.0 3.0-5.0	10.0	11.0	10.9	12.0	0.65	16.5 18.5
M10	RH-KB-1035 RH-KB-1060	1.0-3.5 3.5-6.0	12.5	13.0	12.9	14.0	0.7	19.5 22.0
M10	RH-KB-1035(12H)	1.0-3.5	12.5	12.0	11.9	13.0	0.7	19.5
M12	RH-KB-1240	1.0-4.0	16.2	16.0	15.9	17.6	0.75	24.2

## RH-KBC

### Reduce Head Knurled Body Close End

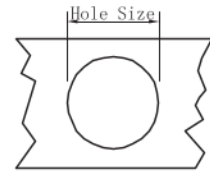
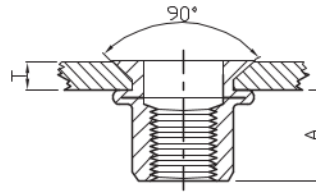
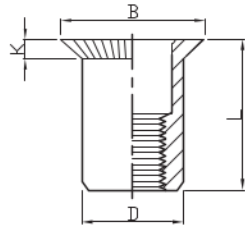


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	RH-KBC-0420 RH-KBC-0435	0.5-2.0 2.0-3.5	11.0	6.0	5.9	7.0	0.5	15.0 16.5
M5	RH-KBC-0520 RH-KBC-0535	0.5-2.0 2.0-3.5	12.5	7.0	6.9	8.0	0.5	16.5 18.0
M6	RH-KBC-0630 RH-KBC-0645	0.5-3.0 3.0-4.5	15.5	9.0	8.9	10.0	0.6	20.5 22.0
M8	RH-KBC-0830 RH-KBC-0845	0.5-3.0 3.0-4.5	17.0	11.0	10.9	12.0	0.65	23.0 24.5
M10	RH-KBC-1030 RH-KBC-1050	1.0-3.0 3.0-5.0	18.2	13.0	12.9	14.0	0.7	24.5 26.0

## CH-RB

### Countersunk Head Round Body Plain

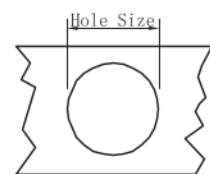
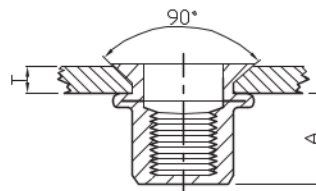
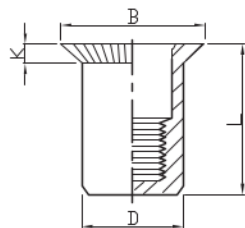


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	CH-RB-0430	1.5-3.0	6.5	6.0	5.9	9.0	1.5	12.0
M5	CH-RB-0535	1.5-3.5	7.5	7.0	6.9	10.0	1.5	13.0
M6	CH-RB-0640	1.5-4.0	9.0	9.0	8.9	12.0	1.5	15.5
M8	CH-RB-0845	2.0-4.5	11.0	11.0	10.9	14.0	1.5	18.5
M10	CH-RB-1050	2.0-5.0	13.0	13.0	12.9	16.0	1.5	21.0

## CH-RBC

### Countersunk Head Round Body Plain Close End



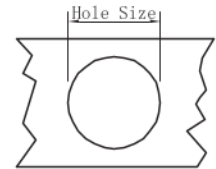
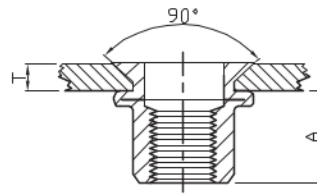
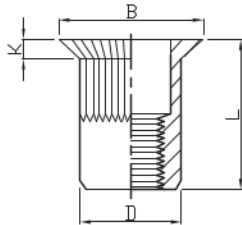
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	CH-RBC-0430	1.5-3.0	10.5	6.0	5.9	8.5	1.5	17.5
M5	CH-RBC-0535	1.5-3.5	11.5	7.0	6.9	9.5	1.5	20.0
M6	CH-RBC-0640	1.5-4.0	12.7	9.0	8.9	11.5	1.5	23.0
M8	CH-RBC-0840	1.5-4.0	14.0	11.0	10.9	13.5	1.5	27.0
M10	CH-RBC-1045	2.0-4.5	19.0	13.0	11.9	14.5	1.7	30.0



## CH-KB

### Countersunk Head Knurled Body

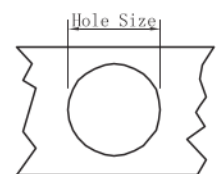
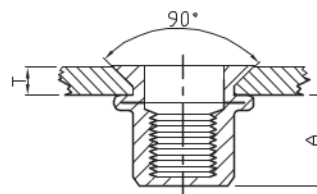
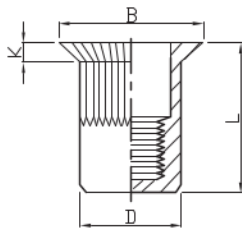


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	CH-KB-0430	1.5-3.0	6.5	6.0	5.9	9.0	1.5	12.0
M5	CH-KB-0535	1.5-3.5	7.5	7.0	6.9	10.0	1.5	13.0
M6	CH-KB-0640	1.5-4.0	9.0	9.0	8.9	12.0	1.5	15.5
M8	CH-KB-0845	2.0-4.5	11.0	11.0	10.9	14.0	1.5	18.5
M10	CH-KB-1050	2.0-5.0	13.0	13.0	12.9	16.0	1.5	21.0
M12	CH-KB-1250(16H)	2.0-5.0	16.5	16.0	15.9	19.0	1.5	24.0

## CH-KBC

### Countersunk Head Knurled Body Close End

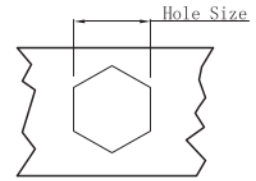
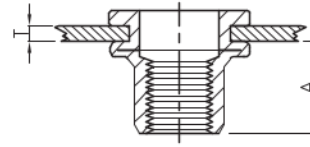
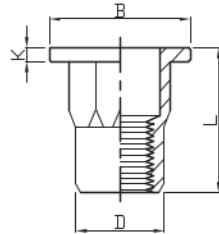


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	CH-KBC-0430	1.5-3.0	10.5	6.0	5.9	8.5	1.5	17.5
M5	CH-KBC-0535	1.5-3.5	11.5	7.0	6.9	9.5	1.5	20.0
M6	CH-KBC-0640	1.5-4.0	12.7	9.0	8.9	11.5	1.5	23.0
M8	CH-KBC-0840	1.5-4.0	14.0	11.0	10.9	13.5	1.5	27.0
M10	CH-KBC-1045	2.0-4.5	19.0	13.0	11.9	14.5	1.7	30.0

## FH-SHB

### Flat Head Semi-Hex Body

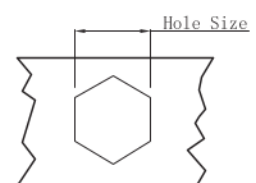
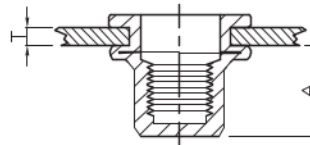
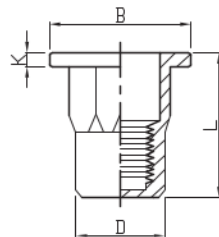


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-SHB-0420	0.5-2.0	6.5	6.0	5.9	9.0	0.8	11.0
M5	FH-SHB-0525	0.5-2.5	8.0	7.0	6.9	10.0	1.0	13.0
M6	FH-SHB-0630	0.5-3.0	8.5	9.0	8.9	12.7	1.35	15.0
M8	FH-SHB-0835	1.0-3.5	10.5	11.0	10.9	16.0	1.5	18.0
M10	FH-SHB-1035	1.0-3.5	12.5	13.0	12.9	18.0	1.7	21.0
M12	FH-SHB-1240	1.0-4.0	14.0	15.0	14.9	20.0	1.7	23.0
M10	FH-SHB-1035(12H)	1.0-3.5	11.0	12.0	11.9	17.0	1.6	19.0
M12	FH-SHB-1250(16H)	2.0-5.0	16.5	16.0	15.9	23.0	2.2	27.5

## FH-SHBC

### Flat Head Semi-Hex Body Close End

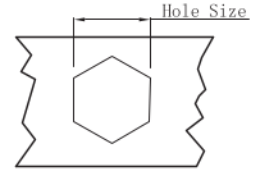
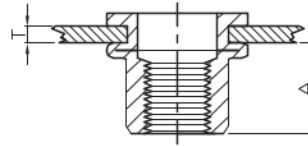
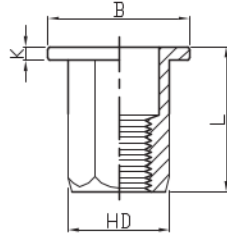


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-SHBC-0420	0.5-2.0	11.0	6.0	5.9	9.0	0.8	15.0
M5	FH-SHBC-0525	0.5-2.5	13.5	7.0	6.9	10.0	1.0	18.0
M6	FH-SHBC-0630	0.5-3.0	17.0	9.0	8.9	12.7	1.3	23.0
M8	FH-SHBC-0835	1.0-3.5	19.0	11.0	10.9	16.0	1.5	26.0
M10	FH-SHBC-1040	1.0-4.0	25.0	13.0	12.9	19.0	1.7	33.0

## FH-FHB

### Flat Head Full Hex Body



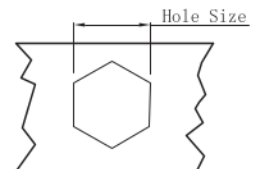
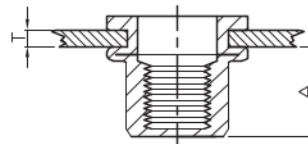
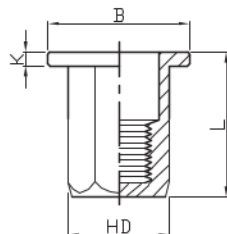
UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	HD $+0.07$ $-0.1$	B	K	L
M4	FH-FHB-0420	0.5-2.0	6.5	6.0	5.9	9.0	0.8	11.0
M5	FH-FHB-0525	0.5-2.5	8.0	7.0	6.9	10.0	1.0	14.0
M6	FH-FHB-0630	0.5-3.0	8.5	9.0	8.9	12.7(*13.0)	1.35	15.0(*16.0)
M8	FH-FHB-0835	1.0-3.5	10.5	11.0	10.9	16.0	1.5	18.0
M10	FH-FHB-1035	1.0-3.5	12.5	13.0	12.9	18.0(*19.0)	1.7	21.0(*23.0)
M12	FH-FHB-1240	1.0-4.0	14.0	15.0	14.9	20.0	1.7	23.0
M10	FH-FHB-1035(12H)	1.0-3.5	13.5	12.0	11.9	18.0	1.7	21.0
M12	FH-FHB-1250(16H)	2.0-5.0	16.5	16.0	15.9	23.0	2.0	27.0

※Part are different series, if customer need this size, please mark.

## FH-FHBC

### Flat Head Full Hex Body Close End

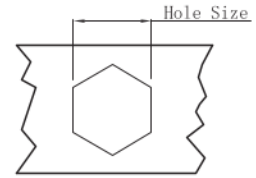
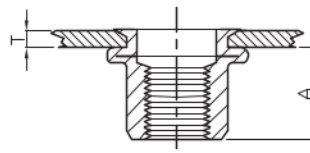
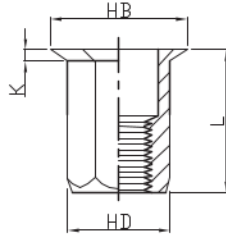


UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	HD $+0.07$ $-0.1$	B	K	L
M4	FH-FHBC-0420	0.5-2.0	11.0	6.0	5.9	9.0	1.0	15.0
M5	FH-FHBC-0525	0.5-2.5	13.5	7.0	6.9	10.0	1.0	18.0
M6	FH-FHBC-0630	0.5-3.0	17.0	9.0	8.9	12.7	1.5	23.0
M8	FH-FHBC-0835	1.0-3.5	19.0	11.0	10.9	16.0	1.5	26.0
M10	FH-FHBC-1040	1.0-4.0	25.0	13.0	12.9	19.0	2.0	33.0

## RHH-FHB

### Reduce Hex Head Full-Hex Body

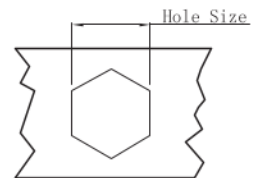
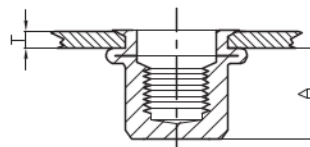
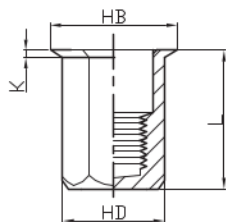


UNIT: mm

Thread	P/N	T(GRIP RANGE)		A Rer	Hole Size $+0.1$ 0	HD $+0.07$ $-0.1$	B	K	L
		Min	Max						
M4	RHH-FHB-0425	0.5	2.5	6.7	6.0	5.9	7.0	0.5	11.0
	RHH-FHB-0450	2.5	5.0						13.5
M5	RHH-FHB-0530	0.5	3.0	9.0	7.0	6.9	8.0	0.5	14.5
	RHH-FHB-0550	3.0	5.0						16.0
M6	RHH-FHB-0635	1.0	3.5	10.0	9.0	8.9	10.0	0.6	16.0
	RHH-FHB-0660	3.5	6.0						18.0
M8	RHH-FHB-0840	1.0	4.0	11.5	11.0	10.9	12.0	0.65	18.0
	RHH-FHB-0860	4.0	6.0						20.0
M10	RHH-FHB-1035	1.0	3.5	12.5	13.0	12.9	14.5	0.75	19.0
	RHH-FHB-1060	3.5	6.0						23.5
M12	RHH-FHB-1240	1.0	4.0	15.5	16.0	15.9	17.5	1.0	25.0

## RHH-FHBC

### Reduce Hex Head Full-Hex Body Close End

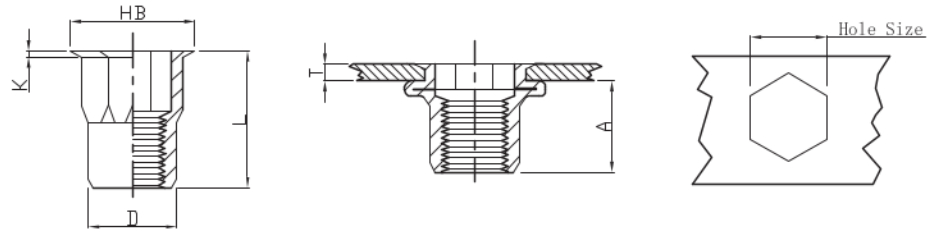


UNIT: mm

Thread	P/N	T(GRIP RANGE)		A Rer	Hole Size $+0.1$ 0	HD $+0.07$ $-0.1$	B	K	L
		Min	Max						
M4	RHH-FHBC-0425	0.5	2.5	12.3	6.0	5.9	7.0	0.5	16.0
M5	RHH-FHBC-0530	0.5	3.0	15.2	7.0	6.9	8.0	0.5	20.0
M6	RHH-FHBC-0635	0.5	3.5	14.5	9.0	8.9	10.0	0.6	20.5
M8	RHH-FHBC-0840	1.0	4.0	17.0	11.0	10.9	12.0	0.65	23.0
M10	RHH-FHBC-1045	1.0	4.5	20.0	13.0	12.9	14.5	0.75	28.5

## RHH-IHB

### Reduce Hex Head Inner-Hex Body

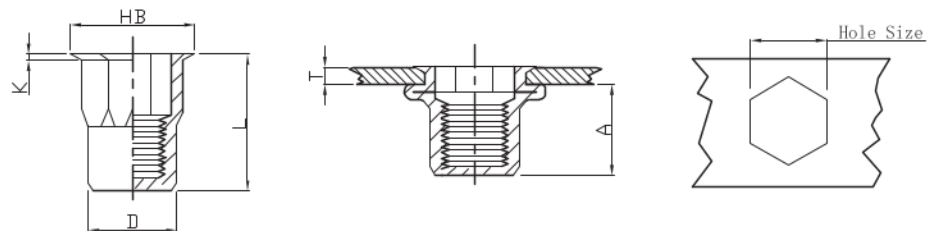


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	HB	K	L
M4	RHH-IHB-0420	0.5-2.0	8.3	6.0	5.9	7.0	0.5	12.0
M5	RHH-IHB-0525	0.5-2.5	8.7	7.0	6.9	8.0	0.5	13.0
M6	RHH-IHB-0635	1.0-3.5	10.5	9.0	8.9	10.0	0.6	16.0
M8	RHH-IHB-0835	1.0-3.5	11.3	11.0	10.9	12.0	0.65	17.5
M10	RHH-IHB-1040	1.0-4.0	12.8	13.0	12.9	14.5	0.75	21.0
M12	RHH-IHB-1240	1.0-4.0	14.8	16.0	15.9	17.5	1.0	24.0

## RHH-IHBC

### Reduce Hex Head Inner-Hex Body Close End

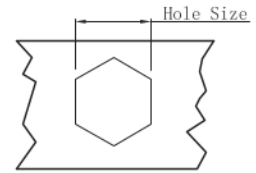
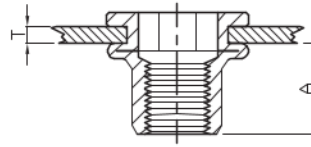
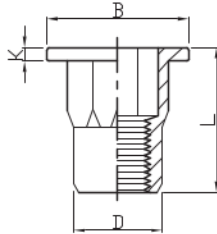


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	HB	K	L
M4	RHH-IHBC-0420	0.5-2.0	11.5	6.0	5.9	7.0	0.5	15.5
M5	RHH-IHBC-0525	0.5-2.5	13.5	7.0	6.9	8.0	0.5	18.0
M6	RHH-IHBC-0635	0.5-3.5	15.8	9.0	8.9	10.0	0.6	21.5
M8	RHH-IHBC-0835	1.0-3.5	18.2	11.0	10.9	12.0	0.65	24.0
M10	RHH-IHBC-1040	1.0-4.0	23.2	13.0	12.9	14.5	0.75	30.5

## FH-IHB

### Flat Head Inner-Hex Body



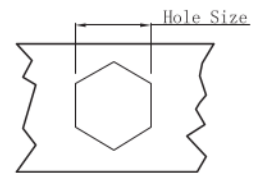
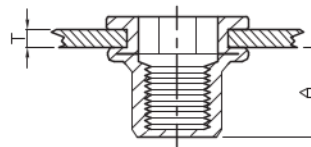
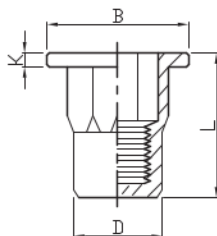
UNIT(单位): mm

螺纹 Thread	编号 P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-IHB-0420	0.5-2.0	7.0	6.0	5.9	9.0	0.8	11.0
M5	FH-IHB-0525	0.5-2.5	7.5	7.0	6.9	10.0	1.0	12.0
M6	FH-IHB-0630	0.5-3.0	9.2	9.0	8.9	12.7	1.3	15.5
M8	FH-IHB-0835	1.0-3.5	11.2	11.0	10.9	16.0	1.5	18.0
M10	FH-IHB-1035	1.0-3.5	12.8	13.0	12.9	18.0	1.7	21.0

※Part are different series, if customer need this size, please mark.

## FH-IHBC

### Flat Head Inner-Hex Body Close End

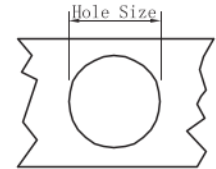
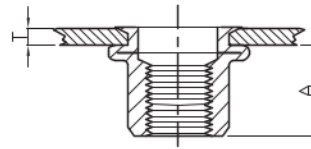
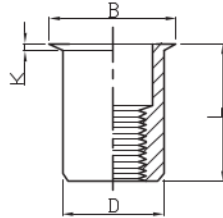


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-IHBC-0420	0.5-2.0	11.5	6.0	5.9	9.0	1.0	16.0
M5	FH-IHBC-0525	0.5-2.5	13.5	7.0	6.9	10.0	1.0	18.5
M6	FH-IHBC-0635	0.5-3.0	17.0	9.0	8.9	12.7	1.5	23.0
M8	FH-IHBC-0835	1.0-3.5	18.2	11.0	10.9	16.0	1.5	25.0
M10	FH-IHBC-1040	1.0-4.0	25.0	13.0	12.9	19.0	1.7	33.0

## RH-RB-UK

### Reduce Head Round Body Plain-UK

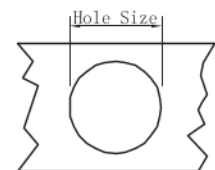
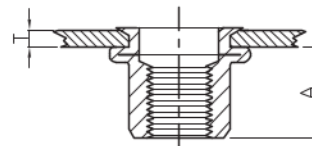
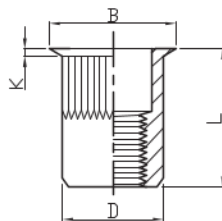


UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $\begin{matrix} +0.1 \\ 0 \end{matrix}$	D $\pm 0.05 \begin{matrix} +0.07 \\ -0.1 \end{matrix}$	B	K	L
M3	RH-RB-UK-0315	0.5-1.5	5.5	4.8	4.65	5.4	0.4	9.0
M4	RH-RB-UK-0420	0.5-2.0	6.5	6.4	6.25	7.0	0.5	10.5
M5	RH-RB-UK-0525	0.5-2.5	7.5	7.2	7.05	7.8	0.5	12.0
M6	RH-RB-UK-0630	1.0-3.0	9.2	9.6	9.45	10.3	0.6	15.0
M8	RH-RB-UK-0835	1.0-3.5	10.5	10.6	10.45	11.3	0.6	16.0
M10	RH-RB-UK-1040	1.0-4.0	12.8	12.8	12.65*	13.8	0.65	20.0

## RH-KB-UK

### Reduce Head Knurled Body-UK

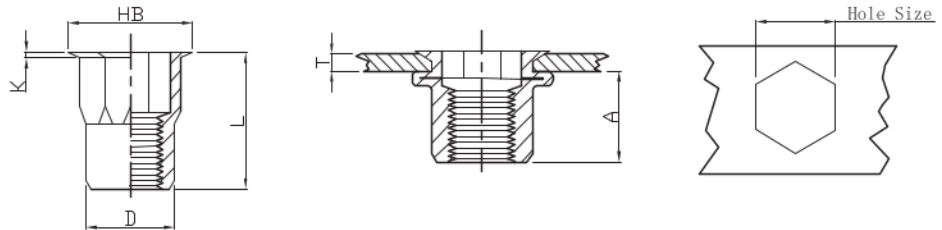


UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $\begin{matrix} +0.1 \\ 0 \end{matrix}$	D $\pm 0.05 \begin{matrix} +0.07 \\ -0.1 \end{matrix}$	B	K	L
M3	RH-KB-UK-0315	0.5-1.5	5.5	4.8	4.65	5.4	0.4	9.0
M4	RH-KB-UK-0420	0.5-2.0	6.5	6.5	6.35	7.0	0.5	10.5
M5	RH-KB-UK-0525	0.5-2.5	7.5	7.25	7.15	7.85	0.5	12.0
M6	RH-KB-UK-0630	1.0-3.0	9.2	9.6	9.45	10.3	0.6	15.0
M8	RH-KB-UK-0835	1.0-3.5	10.5	10.6	10.45	11.3	0.6	16.0
M10	RH-KB-UK-1040	1.0-4.0	12.8	12.8	12.65*	13.8	0.65	20.0

## RHH-IHB-UK

### Reduce Hex Head Inner Hex Body-UK

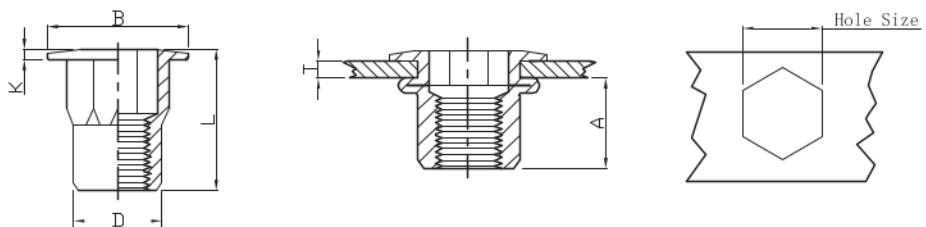


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $\pm 0.05$ ( $\pm 0.08$ )	B	K	L
M4	RHH-IHB-UK-0420	0.5-2.0	6.5	6.4	6.25	7.25	0.5	10.5
M5	RHH-IHB-UK-0525	0.5-2.5	7.5	7.2	7.05	8.1	0.5	12.0*
M6	RHH-IHB-UK-0630	1.0-3.0	9.2	9.6	9.45	10.5*	0.6*	15.0*
M8	RHH-IHB-UK-0835	1.0-3.5	10.5	10.6	10.45	11.5*	0.65*	16.5*

## FH-IHB-UK

### Flat Head Inner-Hex Body-UK



UNIT: mm

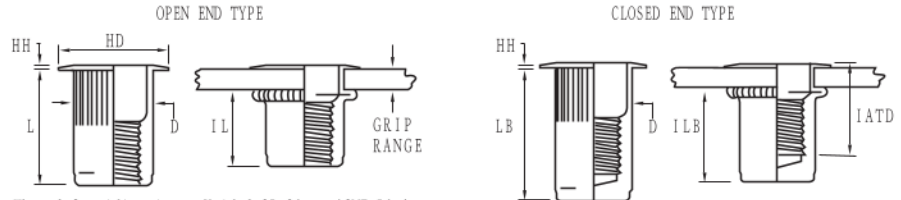
Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $\pm 0.05$ ( $\pm 0.08$ )	B	K	L
M4	FH-IHB-UK-0420	0.5-2.0	6.5	6.4	6.25	9.5	0.6	10.5
M5	FH-IHB-UK-0525	0.5-2.5	7.5	7.2	7.05	10.0	0.8	12.0
M6	FH-IHB-UK-0630	1.0-3.0	9.2	9.6	9.4*	12.95*	1.0*	15.5*
M8	FH-IHB-UK-0835	1.0-3.5	10.5	10.6	10.45*	16.5*	1.15*	18.5*



# FH-KB-US

# AVK

## Flat Head Knurled Body-AVK



Thread Specifications: Unified 2B/2lper ASME B1.1  
Metric 6H/2lper ASME B1.13M

UNIT: INCH

Thread Size	Thread Call Out	Grip Range	Grip Call Out	Hole Size $+0.006$ $-0.000$	HD $\pm 0.010$ $\pm 0.205^*$	HH $\pm 0.003$	L $\pm 0.015$	D MAX.	IL MAX.	LB $\pm 0.015$	ILB MAX.	IATD* MAX.
6-32 UNC	632	.020-.080	80	17/64(.2656)	.390	.030	.420	.265	.305	.740	.640	.610
6-32UNC	632	.080-.130	130	17/64(.2656)	.390	.030	.470	.265	.305	.740	.580	.670
8-32UNC	832	.020-.080	80	17/64(.2656)	.390	.030	.420	.265	.305	.740	.640	.610
8-32UNC	832	.080-.130	130	17/64(.2656)	.390	.030	.470	.265	.305	.740	.580	.670
10-24UNC	1024	.020-.130	130	19/64(.2969)	.415	.030	.475	.296	.315	.990	.845	.730
10-24UNC	1024	.130-.225	225	19/64(.2969)	.415	.030	.585	.296	.315	.990	.735	.840
10-32 UNF	1032	.020-.130	130	19/64(.2969)	.415	.030	.475	.296	.315	.990	.845	.730
10-32 UNF	1032	.130-.225	225	19/64(.2969)	.415	.030	.585	.296	.315	.990	.735	.840
1/4-20 UNC	420	.027-.165	165	25/64(.3906)	.500	.030	.580	.390	.380	1.190	1.005	.895
1/4-20 UNC	420	.165-.260	260	25/64(.3906)	.500	.030	.680	.390	.380	1.190	.905	1.035
5/16-18 UNC	518	.027-.150	150	17/32(.5312)	.685*	.035	.690	.530	.470	1.390	1.175	.995
5/16-18 UNC	518	.150-.312	312	17/32(.5312)	.685*	.035	.805	.530	.425	1.390	1.025	1.120
3/8-16 UNC	616	.027-.150	150	17/32(.5312)	.685*	.035	.690	.530	.470	1.390	1.175	.995
3/8-16 UNC	616	.150-.312	312	17/32(.5312)	.685*	.035	.805	.530	.425	1.390	1.025	1.120
1/2-13 UNC	813	.063-.200	200	11/16(.6875)	.865*	.047	1.150	.685	.850	2.365	2.070	1.505
1/2-13 UNC	813	.200-.350	350	11/16(.6875)	.865*	.047	1.300	.685	.850	2.365	1.920	1.505
1/2-13 UNC	813	.365-.500	500	11/16(.6875)	.865*	.047	1.450	.685	.860	2.365	1.770	1.505

\* Stainless steel dimension same as steel dimension

UNIT : mm

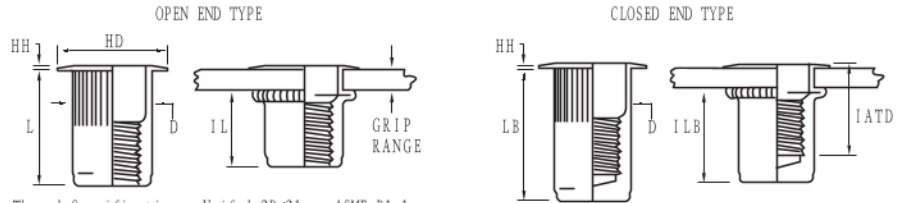
Thread Size	Thread Call Out	Grip Range	Grip Call Out	Hole Size $+0.15$ $-0.000$	HD $\pm 0.25$ $\pm 0.64^*$	HH $\pm 0.008$	L $\pm 0.38$	D MAX.	IL MAX.	LB $\pm 0.38$	ILB MAX.	IATD* MAX.
M4x0,7 ISO	470	0,50-2,00	2.0	6,75	9,91	0,76	10,67	6,73	7,75	18,80	16,26	15,49
M4x0,7 ISO	470	2,00-3,30	3.3	6,75	9,91	0,76	11,94	6,73	7,75	18,80	14,73	17,02
M5x0,8 ISO	580	0,50-3,30	3.3	7,60	10,54	0,76	12,07	7,52	8,00	25,15	21,46	18,54
M5x0,8 ISO	580	3,30-5,70	5.7	7,60	10,54	0,76	14,86	7,52	8,00	25,15	18,67	21,34
M6x1,0 ISO	610	0,70-4,20	4.2	10,00	12,70	0,76	14,73	9,91	9,65	30,23	25,53	22,73
M6x1,0 ISO	610	4,20-6,60	6.6	10,00	12,70	0,76	17,27	9,91	9,65	30,23	22,99	26,29
M8x1,25 ISO	8125	0,70-3,80	3.8	13,50	17,40*	0,89	17,53	13,46	11,94	35,31	29,85	25,27
M8x1,25 ISO	8125	3,80-7,90	7.9	13,50	17,40*	0,89	20,45	13,46	10,80	35,31	26,04	28,45
M10x1,5 ISO	1015	0,70-3,80	3.8	13,50	17,40*	0,89	17,53	13,46	11,94	35,31	29,85	25,27
M10x1,5 ISO	1015	3,80-7,90	7.9	13,50	17,40*	0,89	20,45	13,46	10,80	35,31	26,04	28,45
M12x1,75 ISO	12175	1,60-5,10	5.1	17,45	21,97*	1,19	29,21	17,4	21,59	60,07	52,58	38,23
M12x1,75 ISO	12175	5,10-8,90	8.9	17,45	21,97*	1,19	33,02	17,4	21,59	60,07	48,77	38,23
M12x1,75 ISO	12175	8,90-12,7	12.7	17,45	21,97*	1,19	36,83	17,4	21,84	60,07	44,96	38,23

\* Stainless steel dimension same as steel dimension

# SFH-KB-US

# AVK

## Small Flat Head Knurled Body-AVK



Thread Specifications: Unified 2B/21per ASME B1.1  
Metric 6H 21per ASME B1.13M

UNIT: INCH

Thread Size	Thread Call Out	Grip Range	Grip Call Out	Hole Size $^{+0.06}_{-0.00}$	HD $\pm 0.010$	HH $\pm 0.002$	L $\pm 0.015$	D MAX.	IL MAX.	LB $\pm 0.015$	ILB MAX.	IATD* MAX.
6-32 UNC	632	.020-.080	80	17/64(.2656)	.310	.019	.420	.265	.305	.740	.640	.610
6-32 UNC	632	.080-.130	130	17/64(.2656)	.310	.019	.470	.265	.305	.740	.580	.670
8-32 UNC	832	.020-.080	80	17/64(.2656)	.310	.019	.420	.265	.305	.740	.640	.610
8-32 UNC	832	.080-.130	130	17/64(.2656)	.310	.019	.470	.265	.305	.740	.580	.670
10-24 UNC	1024	.020-.130	130	19/64(.2969)	.340	.019	.475	.296	.315	.990	.845	.730
10-24 UNC	1024	.130-.225	225	19/64(.2969)	.340	.019	.585	.296	.315	.990	.735	.840
10-32 UNF	1032	.020-.130	130	19/64(.2969)	.340	.019	.475	.296	.315	.990	.845	.730
10-32 UNF	1032	.130-.225	225	19/64(.2969)	.340	.019	.585	.296	.315	.990	.735	.840
1/4-20 UNC	420	.027-.165	165	25/64(.3906)	.455	.022	.580	.390	.380	1.190	1.005	.895
1/4-20 UNC	420	.165-.260	260	25/64(.3906)	.455	.022	.680	.390	.380	1.190	.905	1.035
5/16-18 UNC	518	.027-.150	150	17/32(.5312)	.595	.022	.690	.530	.470	1.390	1.175	.995
5/16-18 UNC	518	.150-.312	312	17/32(.5312)	.595	.022	.805	.530	.425	1.390	1.025	1.120
3/8-16 UNC	616	.027-.150	150	17/32(.5312)	.595	.022	.690	.530	.470	1.390	1.175	.995
3/8-16 UNC	616	.150-.312	312	17/32(.5312)	.595	.022	.805	.530	.425	1.390	1.025	1.120

\*Stainless steel dimension same as steel dimension

UNIT: mm

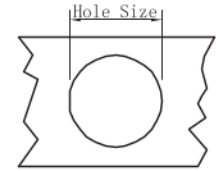
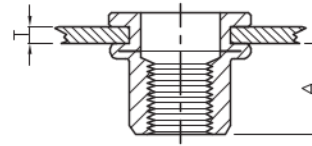
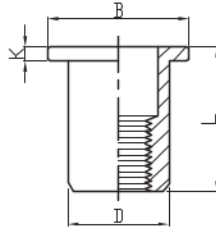
Thread Size	Thread Call Out	Grip Range	Grip Call Out	Hole Size $^{+0.15}_{-0.00}$	HD $\pm 0.25$	HH $\pm 0.05$	L $\pm 0.38$	D MAX.	IL MAX.	LB $\pm 0.38$	ILB MAX.	IATD* MAX.
M4x0,7 ISO	470	0,50-2,00	2.0	6,75	7,87	0,48	10,67	6,73	7,75	18,80	16,26	15,49
M4x0,7 ISO	470	2,00-3,30	3.3	6,75	7,87	0,48	11,94	6,73	7,75	18,80	14,73	17,02
M5x0,8 ISO	580	0,50-3,30	3.3	7,60	8,64	0,48	12,07	7,52	8,00	25,15	21,46	18,54
M5x0,8 ISO	580	3,30-5,70	5.7	7,60	8,64	0,48	14,86	7,52	8,00	25,15	18,67	21,34
M6x1,0 ISO	610	0,70-4,20	4.2	10,00	11,56	0,55	14,73	9,91	9,65	30,23	25,53	22,73
M6x1,0 ISO	610	4,20-6,60	6.6	10,00	11,56	0,55	17,27	9,91	9,65	30,23	22,99	26,29
M8x1,25 ISO	8125	0,70-3,80	3.8	13,50	15,11	0,55	17,53	13,46	11,94	35,31	29,85	25,27
M8x1,25 ISO	8125	3,80-7,90	7.9	13,50	15,11	0,55	20,45	13,46	10,80	35,31	26,04	28,45
M10x1,5 ISO	1015	0,70-3,80	3.8	13,50	15,11	0,55	17,53	13,46	11,94	35,31	29,85	25,27
M10x1,5 ISO	1015	3,80-7,90	7.9	13,50	15,11	0,55	20,45	13,46	10,80	35,31	26,04	28,45

\*Stainless steel dimension same as steel dimension

## FH-RB/SS

Stainless Steel

### A2 Flat Head Round Body



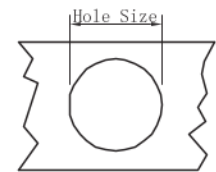
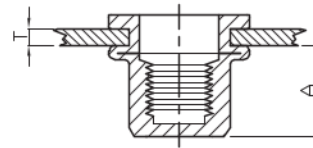
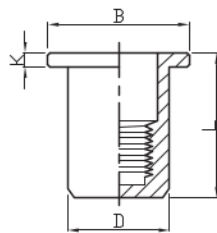
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	FH-RB/SS-0320	0.5-2.0	4.5	5.0	4.9	7.0	0.8	8.8
M3	FH-RB/SS-0330	2.0-3.0	6.2	5.0	4.9	7.0	0.8	10.5
M4	FH-RB/SS-0420	0.5-2.0	6.0	6.0	5.9	9.0	0.8	10.8
M4	FH-RB/SS-0440	2.0-4.0	8.0	6.0	5.9	9.0	0.8	13.0
M5	FH-RB/SS-0525	0.5-2.5	7.0	7.0	6.9	10.0	1.0	13.0
M5	FH-RB/SS-0545	2.5-4.5	9.5	7.0	6.9	10.0	1.0	15.5
M6	FH-RB/SS-0630	0.5-3.0	8.5	9.0	8.9	13.0	1.5	15.0
M6	FH-RB/SS-0650	3.0-5.0	11.0	9.0	8.9	13.0	1.5	17.5
M8	FH-RB/SS-0835	0.5-3.5	11.0	11.0	10.9	15.0	1.5	18.0
M8	FH-RB/SS-0860	3.5-6.0	14.0	11.0	10.9	15.0	1.5	21.0
M10	FH-RB/SS-1035	1.0-3.5	12.0	13.0	12.9	17.0	1.8	20.3
M10	FH-RB/SS-1055	3.5-5.5	15.7	13.0	12.9	17.0	1.8	24.0
M12(16H)	FH-RB/SS-1235	1.0-3.5	16.0	16.0	15.9	19.0	1.8	22.0
M12(16H)	FH-RB/SS-1255	3.5-5.5	18.0	16.0	15.9	19.0	1.8	24.3
M12	FH-RB/SS-1235(16H)	1.0-3.5	16.0	15.0	14.9	19.0	1.8	22.0
M12	FH-RB/SS-1255(16H)	3.5-5.5	18.0	15.0	14.9	19.0	1.8	24.3

## FH-RBC/SS

Stainless Steel

### A2 Flat Head Round Body Close End



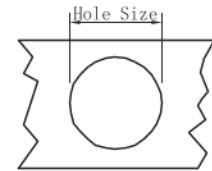
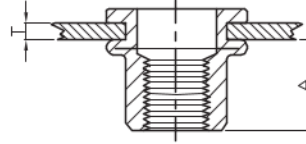
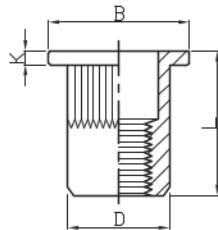
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-RBC/SS-0420	0.5-2.0	12.0	6.0	5.9	9.0	0.8	16.5
M4	FH-RBC/SS-0425	1.0-2.5	12.8	6.0	5.9	9.0	0.8	17.3
M5	FH-RBC/SS-0525	0.5-2.5	13.0	7.0	6.9	10.0	1.0	18.0
M5	FH-RBC/SS-0540	2.5-4.0	14.5	7.0	6.9	10.0	1.0	19.5
M6	FH-RBC/SS-0630	0.5-3.0	17.0	9.0	8.9	13.0	1.5	20.5
M6	FH-RBC/SS-0655	3.0-5.5	20.0	9.0	8.9	13.0	1.5	23.5
M8	FH-RBC/SS-0835	0.5-3.5	21.5	11.0	10.9	15.0	1.5	25.5
M8	FH-RBC/SS-0860	3.5-6.0	24.0	11.0	10.9	15.0	1.5	28.0
M10	FH-RBC/SS-1035	0.5-3.5	26.0	13.0	12.9	17.0	1.8	29.0
M10	FH-RBC/SS-1060	3.5-6.0	31.3	13.0	12.9	17.0	1.8	34.3
M12	FH-RBC/SS-1230	0.5-3.0	29.5	16.0	15.9	23.0	2.0	39.0

## FH-KB/SS

Stainless Steel

### A2 Flat Head Knurled Body



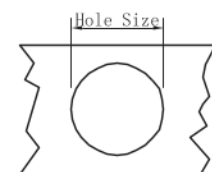
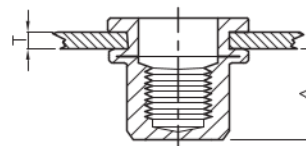
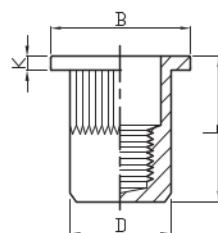
UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	FH-KB/SS-0320	0.5-2.0	4.5	5.0	4.9	7.0	0.8	8.8
M3	FH-KB/SS-0330	2.0-3.0	6.2	5.0	4.9	7.0	0.8	10.5
M4	FH-KB/SS-0420	0.5-2.0	6.0	6.0	5.9	9.0	0.8	10.8
M4	FH-KB/SS-0440	2.0-4.0	8.0	6.0	5.9	9.0	0.8	13.0
M5	FH-KB/SS-0525	0.5-2.5	7.0	7.0	6.9	10.0	1.0	13.0
M5	FH-KB/SS-0545	2.5-4.5	9.5	7.0	6.9	10.0	1.0	15.5
M6	FH-KB/SS-0630	0.5-3.0	8.5	9.0	8.9	13.0	1.5	15.0
M6	FH-KB/SS-0650	3.0-5.0	11.0	9.0	8.9	13.0	1.5	17.5
M8	FH-KB/SS-0835	0.5-3.5	11.0	11.0	10.9	15.0	1.5	18.0
M8	FH-KB/SS-0860	3.5-6.0	14.0	11.0	10.9	15.0	1.5	21.0
M10	FH-KB/SS-1035	1.0-3.5	12.0	13.0	12.9	17.0	1.8	20.3
M10	FH-KB/SS-1055	3.5-5.5	15.7	13.0	12.9	17.0	1.8	24.0
M12(16H)	FH-KB/SS-1235	1.0-3.5	16.0	16.0	15.9	19.0	1.8	22.0
M12(16H)	FH-KB/SS-1255	3.5-5.5	18.0	16.0	15.9	19.0	1.8	24.3
M12	FH-KB/SS-1235(15H)	1.0-3.5	16.0	15.0	14.9	19.0	1.8	22.0
M12	FH-KB/SS-1255(15H)	3.5-5.5	18.0	15.0	14.9	19.0	1.8	24.3

## FH-KBC/SS

Stainless Steel

### A2 Flat Head Knurled Body Close End



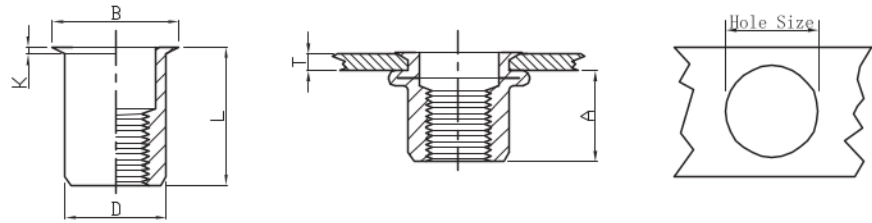
UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-KBC/SS-0420	0.5-2.0	12.0	6.0	5.9	9.0	0.8	16.5
M4	FH-KBC/SS-0425	1.0-2.5	12.8	6.0	5.9	9.0	0.8	17.3
M5	FH-KBC/SS-0525	0.5-2.5	13.0	7.0	6.9	10.0	1.0	18.0
M5	FH-KBC/SS-0540	2.5-4.0	14.5	7.0	6.9	10.0	1.0	19.5
M6	FH-KBC/SS-0630	0.5-3.0	17.0	9.0	8.9	13.0	1.5	20.5
M6	FH-KBC/SS-0655	3.0-5.5	20.0	9.0	8.9	13.0	1.5	23.5
M8	FH-KBC/SS-0835	0.5-3.5	21.5	11.0	10.9	15.0	1.5	25.5
M8	FH-KBC/SS-0860	3.5-6.0	24.0	11.0	10.9	15.0	1.5	28.0
M10	FH-KBC/SS-1035	0.5-3.5	26.0	13.0	12.9	17.0	1.8	29.0
M10	FH-KBC/SS-1060	3.5-6.0	31.3	13.0	12.9	17.0	1.8	34.3
M12	FH-KBC/SS-1230	0.5-3.0	29.5	16.0	15.9	23.0	2.0	39.0

## RH-RB/SS

Stainless Steel

### A2 Reduce Head Round Body



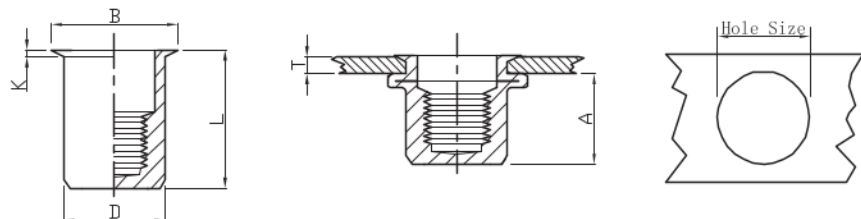
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	RH-RB/SS-0315	0.5-1.5	5.0	5.0	4.9	5.5	0.35	8.5
M3	RH-RB/SS-0325	1.5-2.5	6.0	5.0	4.9	5.5	0.35	9.5
M4	RH-RB/SS-0415	0.5-1.5	5.5	6.0	5.9	7.0	0.50	10.0
M4	RH-RB/SS-0425	1.5-2.5	6.5	6.0	5.9	7.0	0.50	11.0
M5	RH-RB/SS-0520	0.5-2.0	6.0	7.0	6.9	8.0	0.60	12.0
M5	RH-RB/SS-0535	2.0-3.5	7.5	7.0	6.9	8.0	0.60	13.5
M6	RH-RB/SS-0630	0.5-3.0	9.0	9.0	8.9	10.0	0.60	14.5
M6	RH-RB/SS-0645	3.0-4.5	10.5	9.0	8.9	10.0	0.60	16.0
M8	RH-RB/SS-0835	0.5-3.5	10.0	11.0	10.9	12.3	0.60	16.5
M8	RH-RB/SS-0850	3.5-5.0	11.5	11.0	10.9	12.3	0.60	18.0
M10	RH-RB/SS-1035	0.5-3.5	12.0	13.0	12.9	14.5	0.85	19.0
M12	RH-RB/SS-1235	0.5-3.5	14.5	15.0	14.9	16.5	0.85	22.5

## RH-RBC/SS

Stainless Steel

### A2 Reduce Head Round Body Close End



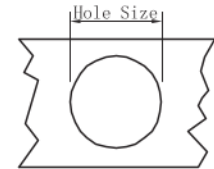
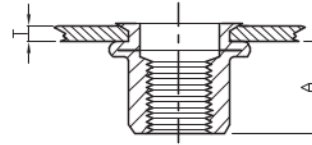
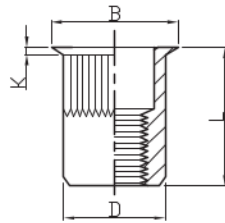
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	RH-RBC/SS-0420	0.5-2.0	12.5	6.0	5.9	7.0	0.50	16.5
M5	RH-RBC/SS-0525	0.5-2.5	13.5	7.0	6.9	8.0	0.60	18.5
M6	RH-RBC/SS-0630	0.5-3.0	17.0	9.0	8.9	10.0	0.60	23.0
M8	RH-RBC/SS-0835	0.5-3.5	19.5	11.0	10.9	12.3	0.60	26.5
M10	RH-RBC/SS-1035	0.5-3.5	25.5	13.0	12.9	14.5	0.85	33.0
M12	RH-RBC/SS-1240	2.0-4.0	20.0	15.0	14.9	16.5	0.85	28.0

## RH-KB/SS

Stainless Steel

### A2 Reduce Head Knurled Body



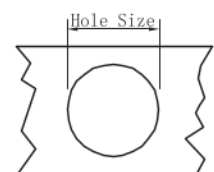
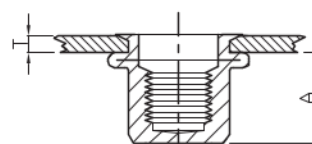
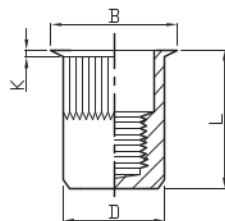
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	RH-KB/SS-0315	0.5-1.5	5.0	5.0	4.9	5.5	0.35	8.5
M3	RH-KB/SS-0325	1.5-2.5	6.0	5.0	4.9	5.5	0.35	9.5
M4	RH-KB/SS-0415	0.5-1.5	5.5	6.0	5.9	7.0	0.50	10.0
M4	RH-KB/SS-0425	1.5-2.5	6.5	6.0	5.9	7.0	0.50	11.0
M5	RH-KB/SS-0520	0.5-2.0	6.0	7.0	6.9	8.0	0.60	12.0
M5	RH-KB/SS-0535	2.0-3.5	7.5	7.0	6.9	8.0	0.60	13.5
M6	RH-KB/SS-0630	0.5-3.0	9.0	9.0	8.9	10.0	0.60	14.5
M6	RH-KB/SS-0645	3.0-4.5	10.5	9.0	8.9	10.0	0.60	16.0
M8	RH-KB/SS-0835	0.5-3.5	10.0	11.0	10.9	12.3	0.60	16.5
M8	RH-KB/SS-0850	3.5-5.0	11.5	11.0	10.9	12.3	0.60	18.0
M10	RH-KB/SS-1035	0.5-3.5	12.0	13.0	12.9	14.5	0.85	19.0
M12	RH-KB/SS-1235	0.5-3.5	14.5	15.0	14.9	16.5	0.85	22.5

## RH-KBC/SS

Stainless Steel

### A2 Reduce Head Knurled Body Close End



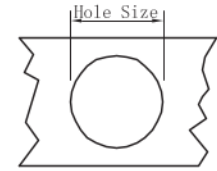
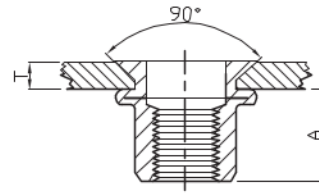
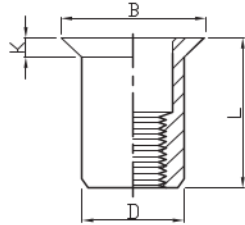
UNIT: mm

螺纹 Thread	编号 P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	RH-KBC/SS-0420	0.5-2.0	12.5	6.0	5.9	7.0	0.50	16.5
M5	RH-KBC/SS-0525	0.5-2.5	13.5	7.0	6.9	8.0	0.60	18.5
M6	RH-KBC/SS-0630	0.5-3.0	17.0	9.0	8.9	10.0	0.60	23.0
M8	RH-KBC/SS-0835	0.5-3.5	19.5	11.0	10.9	12.3	0.60	26.5
M10	RH-KBC/SS-1035	0.5-3.5	25.5	13.0	12.9	14.5	0.85	33.0
M12	RH-KBC/SS-1240	2.0-4.0	20.0	15.0	14.9	16.5	0.85	28.0

## CH-RB/SS

Stainless Steel

### A2 Countersunk Head Round Body Plain



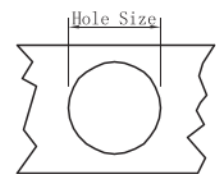
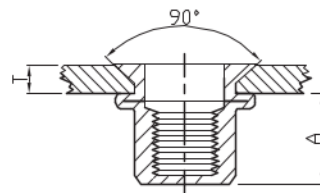
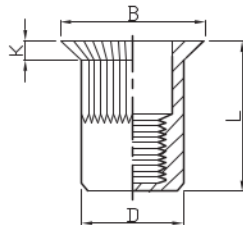
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	D $\begin{smallmatrix} +0.07 \\ -0.1 \end{smallmatrix}$	B	K	L
M3	CH-RB/SS-0330	1.6-3.0	5.0	5.0	4.9	7.8	1.5	9.5
M3	CH-RB/SS-0340	3.0-4.0	6.0	5.0	4.9	7.8	1.5	10.5
M4	CH-RB/SS-0435	1.6-3.5	6.0	6.0	5.9	9.0	1.5	11.0
M4	CH-RB/SS-0450	3.5-5.0	8.0	6.0	5.9	9.0	1.5	13.0
M5	CH-RB/SS-0535	1.6-3.5	8.0	7.0	6.9	10.0	1.5	14.0
M5	CH-RB/SS-0550	3.5-5.0	9.0	7.0	6.9	10.0	1.5	15.0
M6	CH-RB/SS-0640	1.6-4.0	9.0	9.0	8.9	12.0	1.5	15.0
M6	CH-RB/SS-0660	4.0-6.0	11.0	9.0	8.9	12.0	1.5	17.0
M8	CH-RB/SS-0845	1.6-4.5	10.0	11.0	10.9	14.0	1.5	16.5
M8	CH-RB/SS-0860	4.5-6.0	12.5	11.0	10.9	14.0	1.5	19.0
M10	CH-RB/SS-1045	1.6-4.5	11.0	13.0	12.9	16.0	1.7	19.0
M10	CH-RB/SS-1060	4.5-6.0	12.5	13.0	12.9	16.0	1.7	20.5
M12	CH-RB/SS-1250	1.6-5.0	13.5	15.0	14.9	18.0	1.8	22.5

## CH-RBC/SS

Stainless Steel

### A2 Countersunk Head Round Body Plain Close End



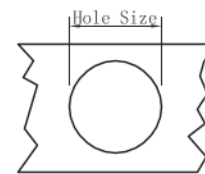
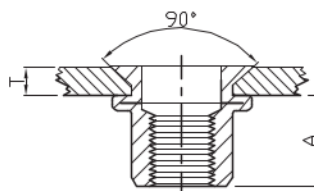
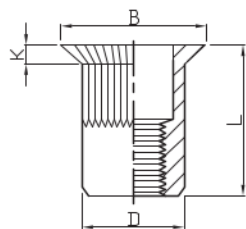
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	D $\begin{smallmatrix} +0.07 \\ -0.1 \end{smallmatrix}$	B	K	L
M4	CH-RBC/SS-0435	1.6-3.5	12.3	6.0	5.9	9.0	1.5	17.3
M5	CH-RBC/SS-0535	1.6-3.5	13.5	7.0	6.9	10.0	1.5	19.5
M6	CH-RBC/SS-0640	1.6-4.0	17.5	9.0	8.9	12.0	1.5	23.5
M8	CH-RBC/SS-0845	1.6-4.5	20.0	11.0	10.9	14.0	1.5	26.5
M10	CH-RBC/SS-1050	1.6-5.0	25.5	13.0	12.9	16.0	1.7	33.0
M12	CH-RBC/SS-1235	1.6-3.5	29.5	16.0	15.9	19.0	1.8	38.0

## CH-KB/SS

Stainless Steel

### A2 Countersunk Head Knurled Body



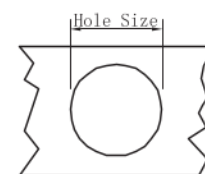
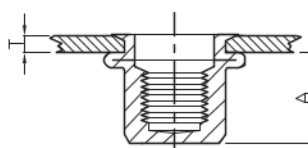
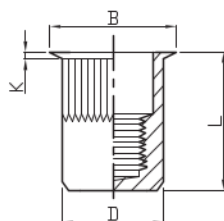
UNIT: mm

Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M3	CH-KB/SS-0330	1.6-3.0	5.0	5.0	4.9	7.8	1.5	9.5
M3	CH-KB/SS-0340	3.0-4.0	6.0	5.0	4.9	7.8	1.5	10.5
M4	CH-KB/SS-0435	1.6-3.5	6.0	6.0	5.9	9.0	1.5	11.0
M4	CH-KB/SS-0450	3.5-5.0	8.0	6.0	5.9	9.0	1.5	13.0
M5	CH-KB/SS-0535	1.6-3.5	8.0	7.0	6.9	10.0	1.5	14.0
M5	CH-KB/SS-0550	3.5-5.0	9.0	7.0	6.9	10.0	1.5	15.0
M6	CH-KB/SS-0640	1.6-4.0	9.0	9.0	8.9	12.0	1.5	15.0
M6	CH-KB/SS-0660	4.0-6.0	11.0	9.0	8.9	12.0	1.5	17.0
M8	CH-KB/SS-0845	1.6-4.5	10.0	11.0	10.9	14.0	1.5	16.5
M8	CH-KB/SS-0860	4.5-6.0	12.5	11.0	10.9	14.0	1.5	19.0
M10	CH-KB/SS-1045	1.6-4.5	11.0	13.0	12.9	16.0	1.7	19.0
M10	CH-KB/SS-1060	4.5-6.0	12.5	13.0	12.9	16.0	1.7	20.5
M12	CH-KB/SS-1250	1.6-5.0	13.5	15.0	14.9	18.0	1.8	22.5

## CH-KBC/SS

Stainless Steel

### A2 Countersunk Knurled Body Close End



UNIT: mm

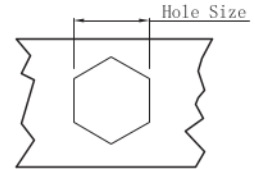
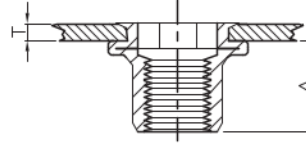
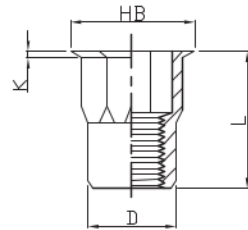
Thread	P/N	T (GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	CH-KBC/SS-0435	1.6-3.5	12.3	6.0	5.9	9.0	1.5	17.3
M5	CH-KBC/SS-0535	1.6-3.5	13.5	7.0	6.9	10.0	1.5	19.5
M6	CH-KBC/SS-0640	1.6-4.0	17.5	9.0	8.9	12.0	1.5	23.5
M8	CH-KBC/SS-0845	1.6-4.5	20.0	11.0	10.9	14.0	1.5	26.5
M10	CH-KBC/SS-1050	1.6-5.0	25.5	13.0	12.9	16.0	1.7	33.0
M12	CH-KBC/SS-1235	1.6-3.5	29.5	16.0	15.9	19.0	1.8	38.0



## RHH-IHB/SS

Stainless Steel

### A2 Reduce Hex Head Inner-Hex Body



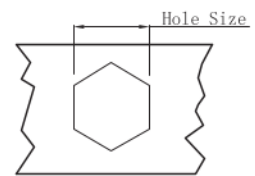
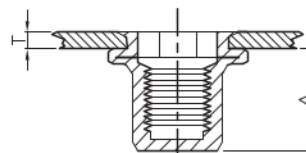
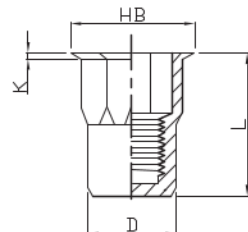
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	HB	K	L
M3	RHH-IHB/SS-0315	0.5-1.5	5.0	5.0	4.9	6.0	0.5	8.5
M4	RHH-IHB/SS-0420	0.5-2.0	6.0	6.0	5.9	7.0	0.6	10.0
M4	RHH-IHB/SS-0435	2.0-3.5	8.0	6.0	5.9	7.0	0.6	12.0
M5	RHH-IHB/SS-0525	0.5-2.5	7.0	7.0	6.9	8.0	0.6	12.0
M5	RHH-IHB/SS-0540	2.5-4.0	9.0	7.0	6.9	8.0	0.6	14.0
M6	RHH-IHB/SS-0630	0.5-3.0	9.0	9.0	8.9	10.0	0.6	14.5
M6	RHH-IHB/SS-0650	3.0-5.0	10.5	9.0	8.9	10.0	0.6	16.0
M8	RHH-IHB/SS-0835	0.5-3.5	10.0	11.0	10.9	12.5	0.6	16.5
M8	RHH-IHB/SS-0850	3.5-5.0	11.5	11.0	10.9	12.5	0.6	18.0
M10	RHH-IHB/SS-1035	0.5-3.5	12.5	13.0	12.9	14.3	0.85	19.0
M10	RHH-IHB/SS-1050	3.5-5.0	16.3	13.0	12.9	14.3	0.85	22.8
M12	RHH-IHB/SS-1242	0.5-4.2	14.5	16.0	15.9	17.5	0.85	23.0

## RHH-IHBC/SS

Stainless Steel

### A2 Reduce Hex Head Inner-Hex Body Close End



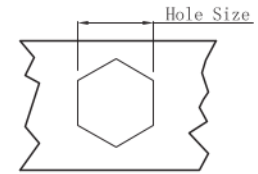
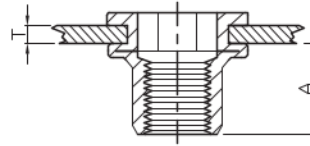
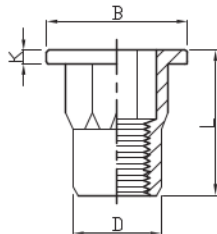
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	HB	K	L
M4	RHH-IHBC/SS-0420	0.5-2.0	13.0	6.0	5.9	7.0	0.5	16.5
M5	RHH-IHBC/SS-0525	0.5-2.5	14.5	7.0	6.9	8.0	0.6	18.5
M6	RHH-IHBC/SS-0630	0.5-3.0	18.0	9.0	8.9	10.0	0.6	23.0
M8	RHH-IHBC/SS-0835	0.5-3.5	20.5	11.0	10.9	12.3	0.6	26.5
M10	RHH-IHBC/SS-1035	0.5-3.5	27.0	13.0	12.9	14.5	0.85	33.0
M12	RHH-IHBC/SS-1260	2.0-6.0	32.8	16.0	15.9	20.0	0.85	37.9

## FH-IHB/SS

Stainless Steel

### A2 Flat Head Inner-Hex Body



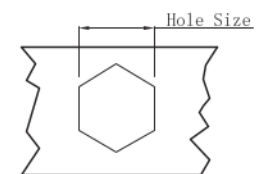
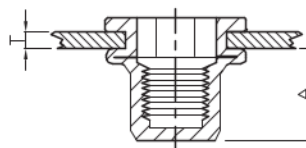
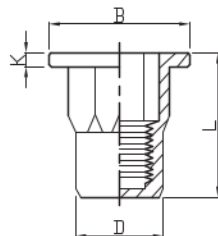
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-IHB/SS-0425	0.5-2.5	6.0	6.0	5.9	9.0	0.8	10.8
M4	FH-IHB/SS-0435	2.5-3.5	8.2	6.0	5.9	9.0	0.8	13.0
M5	FH-IHB/SS-0525	0.5-2.5	8.0	7.0	6.9	10.0	1.0	13.0
M5	FH-IHB/SS-0535	2.5-3.5	9.5	7.0	6.9	10.0	1.0	14.5
M6	FH-IHB/SS-0635	0.5-3.5	9.0	9.0	8.9	13.0	1.5	15.8
M6	FH-IHB/SS-0650	3.5-5.0	12.2	9.0	8.9	13.0	1.5	19.0
M8	FH-IHB/SS-0835	0.5-3.5	11.0	11.0	10.9	15.0	1.5	18.0
M8	FH-IHB/SS-0850	3.5-5.0	12.0	11.0	10.9	15.0	1.5	19.0
M10	FH-IHB/SS-1035	0.5-3.5	12.5	13.0	12.9	17.0	1.8	20.3
M10	FH-IHB/SS-1050	3.5-5.0	14.2	13.0	12.9	17.0	1.8	22.0
M12	FH-IHB/SS-1250	2.0-5.0	16.5	16.0	15.9	23.0	2.2	27.5

## FH-IHBC/SS

Stainless Steel

### A2 Flat Head Inner-Hex Body Close End



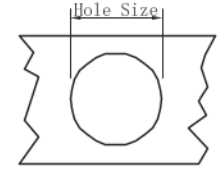
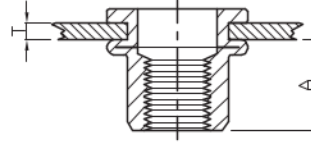
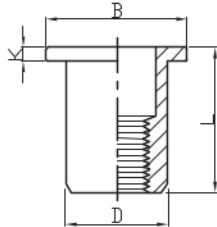
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ $-0.1$	B	K	L
M4	FH-IHBC/SS-0420	0.5-2.0	12.5	6.0	5.9	9.0	0.8	17.3
M5	FH-IHBC/SS-0525	0.5-2.5	13.5	7.0	6.9	10.0	1.0	19.5
M6	FH-IHBC/SS-0630	0.5-3.0	17.5	9.0	8.9	13.0	1.5	24.3
M8	FH-IHBC/SS-0835	0.5-3.5	20.5	11.0	10.9	15.0	1.5	28.0
M10	FH-IHBC/SS-1035	0.5-3.5	26.5	13.0	12.9	17.0	1.8	33.0
M12	FH-IHBC/SS-1242	0.5-4.2	23.4	16.0	15.9	20.0	1.7	36.0

## FH-RB/AL

Aluminium

### Flat Head Round Body Plain



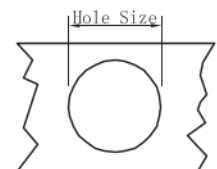
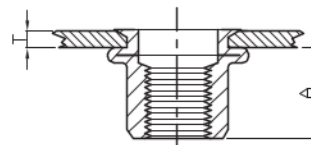
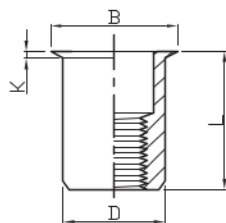
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ 0.1	B	K	L
M4	FH-RB/AL-0420	0.5-2.0	6.0	6.0	5.9	8.8*	0.8*	10.5*
M5	FH-RB/AL-0525	0.5-2.5	7.5	7.0	6.9	10.0	1.0	13.0
M6	FH-RB/AL-0625	0.5-2.5	9.2	9.0	8.9	12.3	1.5	15.0
M8	FH-RB/AL-0830	1.0-3.0	10.2	11.0	10.9	14.3	1.5	16.5
M10	FH-RB/AL-1040	1.0-4.0	11.5	13.0	12.9	16.3	1.6	19.0

## RH-RB/AL

Aluminium

### Reduce Head Round Body Plain



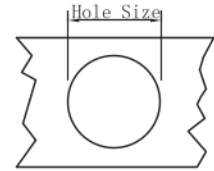
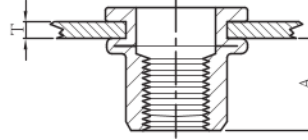
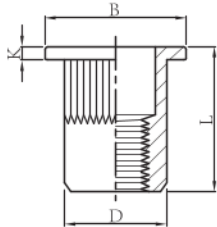
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ 0.1	B	K	L
M4	RH-RB/AL-0420	0.5-2.0	6.0	6.0	5.9	7.0	0.5	10.5
M5	RH-RB/AL-0520	0.5-2.0	7.5	7.0	6.9	8.0	0.5	11.5
M6	RH-RB/AL-0625	0.5-2.5	9.2	9.0	8.9	10.0	0.6*	14.0*
M8	RH-RB/AL-0825	0.5-2.5	10.2	11.0	10.9	12.0	0.65*	15.5*
M10	RH-RB/AL-1030	1.0-3.0	11.5	13.0	12.9	14.1	0.7*	17.7*

## FH-KB/AL

Aluminium

### Flat Head Knurled Body



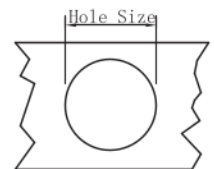
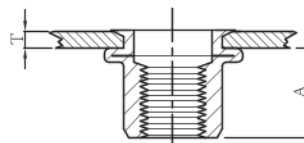
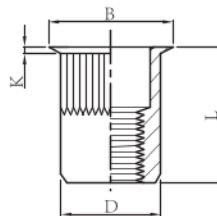
UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ 0.1	B	K	L
M4	FH-KB/AL-0420	0.5-2.0	6.0	6.0	5.9	8.8*	0.8*	10.5*
M5	FH-KB/AL-0525	0.5-2.5	7.5	7.0	6.9	10.0	1.0	13.0
M6	FH-KB/AL-0625	0.5-2.5	9.2	9.0	8.9	12.3	1.5	15.0
M8	FH-KB/AL-0830	1.0-3.0	10.2	11.0	10.9	14.3	1.5	16.5
M10	FH-KB/AL-1040	1.0-4.0	11.5	13.0	12.9	16.3	1.6	19.0

## RH-KB/AL

Aluminium

### Reduce Head Knurled Body

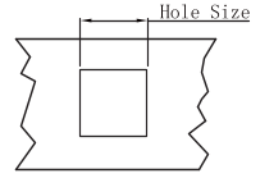
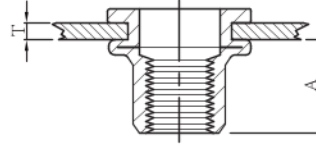
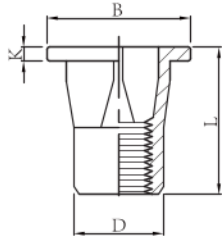


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ 0.1	B	K	L
M4	RH-KB/AL-0420	0.5-2.0	6.0	6.0	5.9	7.0	0.5	10.5
M5	RH-KB/AL-0520	0.5-2.0	7.5	7.0	6.9	8.0	0.5	11.5
M6	RH-KB/AL-0625	0.5-2.5	9.2	9.0	8.9	10.0	0.6*	14.0*
M8	RH-KB/AL-0825	0.5-2.5	10.2	11.0	10.9	12.0	0.65*	15.5*
M10	RH-KB/AL-1030	1.0-3.0	11.5	13.0	12.9	14.1	0.7*	17.7*

## FH-SQB

### Flat Head Square Body

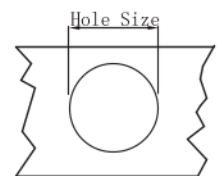
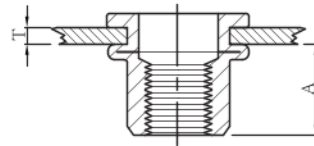
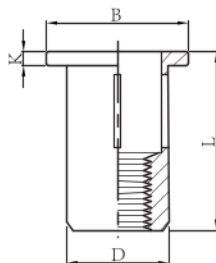


UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ 0.1	B	K	L
M5	FH-SQB-0515	0.5-1.5					0.6	11.2
	FH-SQB-0530	1.5-3.0	8	7.0	6.9	10.5	0.6	12.7
M6	FH-SQB-0625	0.5-2.5	8.5	9.0	8.9	14.0*	0.8*	14.3
	FH-SQB-0640	2.5-4.0	9.5				0.8*	17.2*
M8	FH-SQB-0830	1.0-3.0	11.5	11.0	10.9	17.5*	1.3*	18.6*

## FH-SLB

### Flat Head Slotted Body



UNIT: mm

Thread	P/N	T(GRIP RANGE) Min Max	A Rer	Hole Size $+0.1$ 0	D $+0.07$ 0.1	B	K	L
M5	FH-SLB-0545	0.5-4.5	9.6	7.5	7.4	12.7	1.0	22.0
M6	FH-SLB-0670	0.5-7.0	12.5	8.8	8.7	16.0	1.5	27.0
M8	FH-SLB-0870	1.0-7.0	14.3	11.1	11.0	19.0	1.6	30.5



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