

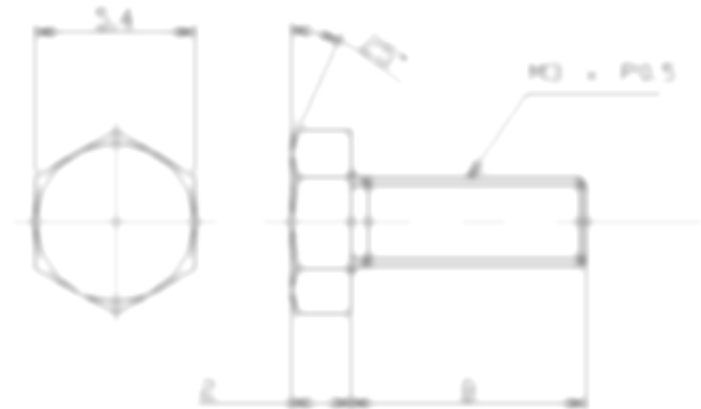
Ceramics Basic Fasteners

# Screws & Bolts

— CERAMICS FACTORY —

Suitable for RoHS

Ceramics Bolt (Hexagon)



**KDA Corporation – Ceramics Factory**

4-13-6 Nakarokugo OTaku TOKYO 1440055 JAPAN

TEL +81(0)3 3733 3851 FAX 3853

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20190101



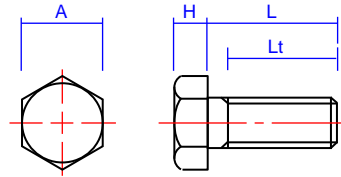
株式会社  
**KDA**



# Hexagon head (Bolt)

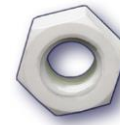
Metric

Minimum Oder QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



Hexagon Bolt [Metric type]				Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]			
Size	Pitch	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
M2	0.40	3.9	1.4	3	1.7	ARM02-03	700	ZRM02-03	1,050
				5	3.7	ARM02-05	730	ZRM02-05	1,100
				8	6.7	ARM02-08	790	ZRM02-08	1,180
				10	8.7	ARM02-10	870	ZRM02-10	1,270
M3	0.50	5.4	2.0	5	3.7	ARM03-05	660	ZRM03-05	1,050
				8	6.7	ARM03-08	710	ZRM03-08	1,120
				10	8.7	ARM03-10	720	ZRM03-10	1,140
				12	10.7	ARM03-12	800	ZRM03-12	1,250
				16	14.7	ARM03-16	880	ZRM03-16	1,340
M4	0.70	6.9	2.8	5	3.7	ARM04-05	700	ZRM04-05	1,090
				8	6.7	ARM04-08	740	ZRM04-08	1,170
				10	8.7	ARM04-10	760	ZRM04-10	1,190
				12	10.7	ARM04-12	800	ZRM04-12	1,260
				16	14.7	ARM04-16	880	ZRM04-16	1,390
				20	15.0	ARM04-20	960	ZRM04-20	1,510
M5	0.80	7.9	3.5	25	15.0	ARM04-25	1,060	ZRM04-25	1,620
				8	6.7	ARM05-08	800	ZRM05-08	1,260
				10	8.7	ARM05-10	830	ZRM05-10	1,300
				12	10.7	ARM05-12	840	ZRM05-12	1,320
				16	14.7	ARM05-16	930	ZRM05-16	1,450
				20	15.0	ARM05-20	1,010	ZRM05-20	1,580
				25	15.0	ARM05-25	1,080	ZRM05-25	1,700
M6	1.00	9.9	4.0	30	15.0	ARM05-30	1,170	ZRM05-30	1,810
				8	6.7	ARM06-08	840	ZRM06-08	1,310
				10	8.7	ARM06-10	870	ZRM06-10	1,380
				12	10.7	ARM06-12	920	ZRM06-12	1,450
				16	14.7	ARM06-16	960	ZRM06-16	1,510
				20	15.0	ARM06-20	1,040	ZRM06-20	1,630
				25	15.0	ARM06-25	1,120	ZRM06-25	1,760
				30	15.0	ARM06-30	1,190	ZRM06-30	1,890
M8	1.25	12.9	5.3	35	15.0	ARM06-35	1,280	ZRM06-35	1,970
				40	15.0	ARM06-40	1,350	ZRM06-40	2,080
				10	8.7	ARM08-10	880	-	-
				12	10.7	ARM08-12	1,020	-	-
				16	14.7	ARM08-16	1,050	-	-
				20	15.0	ARM08-20	1,080	-	-
				25	15.0	ARM08-25	1,160	-	-
				30	15.0	ARM08-30	1,240	-	-
M10	1.50	15.9	6.4	35	15.0	ARM08-35	1,320	-	-
				40	15.0	ARM08-40	1,410	-	-
				45	15.0	ARM08-45	1,510	-	-
				10	8.7	ARM10-10	970	-	-
				12	10.7	ARM10-12	1,060	-	-
				16	14.7	ARM10-16	1,100	-	-
				20	15.0	ARM10-20	1,150	-	-
				25	15.0	ARM10-25	1,190	-	-
				30	15.0	ARM10-30	1,280	-	-
35	15.0	ARM10-35	1,360	-	-				
40	15.0	ARM10-40	1,450	-	-				
45	15.0	ARM10-45	1,540	-	-				

The unit of measurements in this chart is "mm".

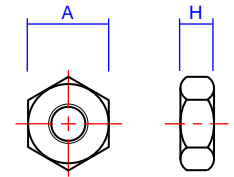


# Hexagon Nut

Metric

Unified

Minimum Order QTY : **20pcs** / each model  
**KDA standard products** Suitable for RoHS



Hexagon Nut [Metric type]				Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	Pitch	A	H	Model ID	Unit price	Model ID	Unit price
M2	0.40	3.9	1.5	ARNM02-1.5	840	ZRNM02-1.5	1,540
M3	0.50	5.4	2.3	ARNM03-2.3	770	ZRNM03-2.3	1,190
M4	0.70	6.9	3.1	ARNM04-3.1	740	ZRNM04-3.1	960
M5	0.80	7.9	4.6	ARNM05-4.6	820	ZRNM05-4.6	1,060
M6	1.00	9.9	5.1	ARNM06-5.1	930	ZRNM06-5.1	1,200
M8	1.25	12.9	6.6	ARNM08-6.6	1,060	ZRNM08-6.6	1,380
M10	1.50	15.9	8.2	ARNM10-8.2	1,190	ZRNM10-8.2	1,560
M12	1.75	17.9	10.6	ARNM12-10.6	1,320	ZRNM12-10.6	1,720

The unit of measurements in this chart is "mm".

Hexagon Nut [Unified type]			Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	A	H	Model ID	Unit price	Model ID	Unit price
#2-56	3/16	.062	UARN02-56-062	1,260	UZRN02-56-062	2,050
#3-48	3/16	.062	UARN03-48-062	1,230	UZRN03-48-062	1,900
#4-40	1/4	.093	UARN04-40-093	1,190	UZRN04-40-093	1,740
#5-40	5/16	.108	UARN05-40-108	1,160	UZRN05-40-108	1,590
#6-32	5/16	.108	UARN06-32-108	1,140	UZRN06-32-108	1,430
#8-32	11/32	.124	UARN08-32-124	1,100	UZRN08-32-124	1,270
#10-24	3/8	.124	UARN10-24-124	1,210	UZRN10-24-124	1,410
#10-32	3/8	.124	UARN10-32-124	1,470	UZRN10-32-124	1,690

The unit of measurements in this chart is "inch". Yellow is fine pitch thread, the others are coarse thread.

## How to Order

Minimum Order QTY : **20 pieces** / model ID

Delivery : Usually 3 weeks after your payment. (possibility of changing by condition.)

How to Order : Send your order form by email or FAX. (The below are required items.)

- 1) Company name
- 2) Your name
- 3) Contact info. (address · TEL · Email etc)
- 4) Screw's Model ID
- 5) Order QTY
- 6) Preferred due date

**Attentions:** One size of screw's model has 2 types materials, Alumina and Zirconia.

Their model IDs are similar. So please (do not mistake) select a correct model id.

There is a possibility of changing price charts without notice.

Payment : Wire-transfer (TT/Remittance) / Prepayment / Japanese YEN

Contact : **KDA Corporation (Ceramics Factory)**

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TEL +81-3-3733-3851 FAX +81-3-3733-3853

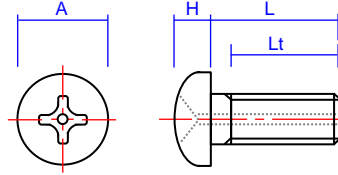
info@kida.co.jp <https://www.kida.co.jp>



# Pan head + gas hole

Metric

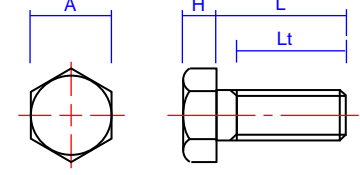
Minimum Order QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



# Hexagon head (Bolt)

Unified

Minimum Order QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



Pan head + gas hole [Metric type]				Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]			
Size	Pitch	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
M2	0.40	3.9	1.5	3	1.7	ANSHM02-03	900	ZNSHM02-03	1,310
				5	3.7	ANSHM02-05	950	ZNSHM02-05	1,390
				8	6.7	ANSHM02-08	990	ZNSHM02-08	1,470
				10	8.7	ANSHM02-10	1,060	ZNSHM02-10	1,560
M2.5	0.45	4.9	2.0	5	3.7	ANSHM2.5-05	950	ZNSHM2.5-05	1,450
				8	6.7	ANSHM2.5-08	990	ZNSHM2.5-08	1,510
M3	0.50	5.5	2.3	5	3.7	ANSHM03-05	900	ZNSHM03-05	1,360
				8	6.7	ANSHM03-08	930	ZNSHM03-08	1,410
				10	8.7	ANSHM03-10	950	ZNSHM03-10	1,430
				12	10.7	ANSHM03-12	990	ZNSHM03-12	1,500
				16	14.7	ANSHM03-16	1,060	ZNSHM03-16	1,590
M4	0.70	7.8	3.0	20	15.0	ANSHM03-20	1,150	ZNSHM03-20	1,700
				8	6.7	ANSHM04-08	950	ZNSHM04-08	1,430
				10	8.7	ANSHM04-10	980	ZNSHM04-10	1,500
				12	10.7	ANSHM04-12	990	ZNSHM04-12	1,580
				16	14.7	ANSHM04-16	1,050	ZNSHM04-16	1,650
M5	0.80	9.3	3.6	20	15.0	ANSHM04-20	1,250	ZNSHM04-20	1,870
				25	15.0	ANSHM04-25	1,350	ZNSHM04-25	2,010
				8	6.7	ANSHM05-08	980	ZNSHM05-08	1,500
				10	8.7	ANSHM05-10	990	ZNSHM05-10	1,580
				12	10.7	ANSHM05-12	1,020	ZNSHM05-12	1,650
				16	14.7	ANSHM05-16	1,050	ZNSHM05-16	1,720
M6	1.00	11.8	4.5	20	15.0	ANSHM05-20	1,250	ZNSHM05-20	1,940
				25	15.0	ANSHM05-25	1,350	ZNSHM05-25	2,090
				30	15.0	ANSHM05-30	1,450	ZNSHM05-30	2,250
				8	6.7	ANSHM06-08	990	ZNSHM06-08	1,650
				10	8.7	ANSHM06-10	1,020	ZNSHM06-10	1,720
				12	10.7	ANSHM06-12	1,040	ZNSHM06-12	1,800
				16	14.7	ANSHM06-16	1,070	ZNSHM06-16	1,940
				20	15.0	ANSHM06-20	1,270	ZNSHM06-20	2,090
M8	1.25	15.8	5.9	25	15.0	ANSHM06-25	1,390	ZNSHM06-25	2,160
				30	15.0	ANSHM06-30	1,450	ZNSHM06-30	2,240
				35	15.0	ANSHM06-35	1,530	ZNSHM06-35	2,330
				40	15.0	ANSHM06-40	1,640	ZNSHM06-40	2,440
				10	8.7	ANSHM08-10	1,150	-	-
				12	10.7	ANSHM08-12	1,250	-	-
				16	14.7	ANSHM08-16	1,290	-	-
				20	15.0	ANSHM08-20	1,390	-	-
M10	1.50	19.8	6.7	25	15.0	ANSHM08-25	1,450	-	-
				30	15.0	ANSHM08-30	1,490	-	-
				35	15.0	ANSHM08-35	1,540	-	-
				40	15.0	ANSHM08-40	1,630	-	-
				45	15.0	ANSHM08-45	1,740	-	-

The unit of measurements in this chart is "mm".

Hexagon Bolt [Unified type]					Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
#2-56	.123	.045	1/8	.074	UAR02-56-1/8	1,040	UZR02-56-1/8	1,450
			5/32	.105	UAR02-56-5/32	1,060	UZR02-56-5/32	1,480
			3/16	.137	UAR02-56-3/16	1,080	UZR02-56-3/16	1,510
			1/4	.199	UAR02-56-1/4	1,130	UZR02-56-1/4	1,580
			5/16	.262	UAR02-56-5/16	1,170	UZR02-56-5/16	1,630
#3-48	.185	.050	1/8	.074	UAR03-48-1/8	1,020	UZR03-48-1/8	1,410
			5/32	.105	UAR03-48-5/32	1,040	UZR03-48-5/32	1,450
			3/16	.137	UAR03-48-3/16	1,060	UZR03-48-3/16	1,480
			1/4	.199	UAR03-48-1/4	1,100	UZR03-48-1/4	1,530
			5/16	.262	UAR03-48-5/16	1,140	UZR03-48-5/16	1,590
#4-40	.185	.055	5/32	.105	UAR04-40-5/32	1,010	UZR04-40-5/32	1,400
			3/16	.137	UAR04-40-3/16	1,030	UZR04-40-3/16	1,430
			1/4	.199	UAR04-40-1/4	1,060	UZR04-40-1/4	1,490
			5/16	.262	UAR04-40-5/16	1,090	UZR04-40-5/16	1,530
			3/8	.324	UAR04-40-3/8	1,150	UZR04-40-3/8	1,600
#5-40	.185	.064	5/32	.105	UAR05-40-5/32	970	UZR05-40-5/32	1,360
			3/16	.137	UAR05-40-3/16	990	UZR05-40-3/16	1,390
			1/4	.199	UAR05-40-1/4	1,030	UZR05-40-1/4	1,430
			5/16	.262	UAR05-40-5/16	1,060	UZR05-40-5/16	1,480
			3/8	.324	UAR05-40-3/8	1,120	UZR05-40-3/8	1,540
#6-32	.247	.087	1/2	.449	UAR05-40-1/2	1,190	UZR05-40-1/2	1,670
			5/32	.105	UAR06-32-5/32	1,010	UZR06-32-5/32	1,390
			3/16	.137	UAR06-32-3/16	1,030	UZR06-32-3/16	1,420
			1/4	.199	UAR06-32-1/4	1,060	UZR06-32-1/4	1,480
			5/16	.262	UAR06-32-5/16	1,090	UZR06-32-5/16	1,530
#8-32	.247	.103	3/8	.324	UAR06-32-3/8	1,150	UZR06-32-3/8	1,590
			1/2	.449	UAR06-32-1/2	1,230	UZR06-32-1/2	1,720
			3/16	.137	UAR08-32-3/16	1,050	UZR08-32-3/16	1,460
			1/4	.199	UAR08-32-1/4	1,090	UZR08-32-1/4	1,520
			5/16	.262	UAR08-32-5/16	1,130	UZR08-32-5/16	1,580
			3/8	.324	UAR08-32-3/8	1,170	UZR08-32-3/8	1,630
			1/2	.449	UAR08-32-1/2	1,260	UZR08-32-1/2	1,760
			5/8	.574	UAR08-32-5/8	1,320	UZR08-32-5/8	1,850
#10-24	.309	.113	3/4	.591	UAR08-32-3/4	1,430	UZR08-32-3/4	2,000
			5/16	.262	UAR10-24-5/16	1,190	UZR10-24-5/16	1,670
			3/8	.324	UAR10-24-3/8	1,250	UZR10-24-3/8	1,730
			1/2	.449	UAR10-24-1/2	1,340	UZR10-24-1/2	1,860
			5/8	.574	UAR10-24-5/8	1,410	UZR10-24-5/8	1,970
			3/4	.591	UAR10-24-3/4	1,520	UZR10-24-3/4	2,120
			7/8	.591	UAR10-24-7/8	1,580	UZR10-24-7/8	2,190
#10-32 (Fine)	.309	.113	1	.591	UAR10-24-1	1,630	UZR10-24-1	2,270
			5/16	.262	UAR10-32-5/16	1,260	UZR10-32-5/16	1,760
			3/8	.324	UAR10-32-3/8	1,320	UZR10-32-3/8	1,830
			1/2	.449	UAR10-32-1/2	1,410	UZR10-32-1/2	1,970
			5/8	.574	UAR10-32-5/8	1,500	UZR10-32-5/8	2,090
			3/4	.591	UAR10-32-3/4	1,610	UZR10-32-3/4	2,250
			7/8	.591	UAR10-32-7/8	1,680	UZR10-32-7/8	2,330
1	.591	UAR10-32-1	1,730	UZR10-32-1	2,400			

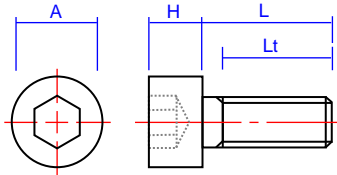
The unit of measurements in this chart is "inch". Yellow is fine pitch thread, the others are coarse thread.



# Hexagon Cap Bolt

Metric

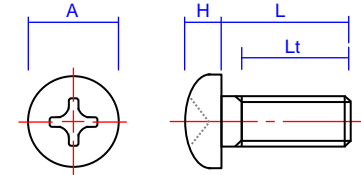
Minimum Order QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



# Pan head

Unified

Minimum Order QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



Hexagon Cap Bolt [Metric type]				Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]			
Size	Pitch	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
M2	0.40	3.7	1.9	3	1.7	ARAM02-03	1,060	ZRAM02-03	1,640
				5	3.7	ARAM02-05	1,130	ZRAM02-05	1,740
				8	6.7	ARAM02-08	1,200	ZRAM02-08	1,850
				10	8.7	ARAM02-10	1,290	ZRAM02-10	1,960
M3	0.50	5.4	2.9	5	3.7	ARAM03-05	1,120	ZRAM03-05	1,750
				8	6.7	ARAM03-08	1,150	ZRAM03-08	1,810
				10	8.7	ARAM03-10	1,180	ZRAM03-10	1,850
				12	10.7	ARAM03-12	1,240	ZRAM03-12	1,950
				16	14.7	ARAM03-16	1,300	ZRAM03-16	2,020
				20	15.0	ARAM03-20	1,390	ZRAM03-20	2,110
M4	0.70	6.9	3.9	8	6.7	ARAM04-08	1,180	ZRAM04-08	1,850
				10	8.7	ARAM04-10	1,240	ZRAM04-10	1,950
				12	10.7	ARAM04-12	1,300	ZRAM04-12	2,050
				16	14.7	ARAM04-16	1,370	ZRAM04-16	2,180
				20	15.0	ARAM04-20	1,560	ZRAM04-20	2,470
M5	0.80	8.4	4.9	8	6.7	ARAM05-08	1,240	ZRAM05-08	1,950
				10	8.7	ARAM05-10	1,300	ZRAM05-10	2,050
				12	10.7	ARAM05-12	1,370	ZRAM05-12	2,160
				16	14.7	ARAM05-16	1,430	ZRAM05-16	2,260
				20	15.0	ARAM05-20	1,630	ZRAM05-20	2,580
M6	1.00	9.9	5.9	25	15.0	ARAM05-25	1,760	ZRAM05-25	2,770
				30	15.0	ARAM05-30	1,870	ZRAM05-30	2,880
				8	6.7	ARAM06-08	1,370	ZRAM06-08	2,160
				10	8.7	ARAM06-10	1,430	ZRAM06-10	2,260
				12	10.7	ARAM06-12	1,500	ZRAM06-12	2,370
				16	14.7	ARAM06-16	1,630	ZRAM06-16	2,580
				20	15.0	ARAM06-20	1,760	ZRAM06-20	2,770
				25	15.0	ARAM06-25	1,820	ZRAM06-25	2,860
M8	1.25	12.9	7.8	30	15.0	ARAM06-30	1,900	ZRAM06-30	2,970
				35	15.0	ARAM06-35	1,980	ZRAM06-35	3,080
				40	15.0	ARAM06-40	2,070	ZRAM06-40	3,190
				10	8.7	ARAM08-10	1,500	-	-
				12	10.7	ARAM08-12	1,630	-	-
				16	14.7	ARAM08-16	1,700	-	-
				20	15.0	ARAM08-20	1,820	-	-
				25	15.0	ARAM08-25	1,900	-	-
M10	1.50	15.9	9.8	30	15.0	ARAM08-30	1,950	-	-
				35	15.0	ARAM08-35	2,020	-	-
				40	15.0	ARAM08-40	2,090	-	-
				45	15.0	ARAM08-45	2,180	-	-
				10	8.7	ARAM10-10	1,630	-	-
				12	10.7	ARAM10-12	1,700	-	-
				16	14.7	ARAM10-16	1,760	-	-
				20	15.0	ARAM10-20	1,900	-	-
#10-24	1.50	15.9	9.8	25	15.0	ARAM10-25	1,950	-	-
				30	15.0	ARAM10-30	2,020	-	-
				35	15.0	ARAM10-35	2,110	-	-
				40	15.0	ARAM10-40	2,200	-	-
				45	15.0	ARAM10-45	2,300	-	-
				1	1.0	ARAM10-1	1,000	-	-

The unit of measurements in this chart is "mm".

Pan head [Unified type]					Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
#0-80	.110	.035	1/8	.074	-	-	UZN00-80-1/8	1,740
#1-72 (Fine)	.136	.042	1/8	.074	-	-	UZN01-72-1/8	1,710
			5/32	.105	-	-	UZN01-72-5/32	1,760
			3/16	.137	-	-	UZN01-72-3/16	1,810
#2-56	.161	.049	1/8	.074	UAN02-56-1/8	1,130	UZN02-56-1/8	1,580
			5/32	.105	UAN02-56-5/32	1,170	UZN02-56-5/32	1,630
			3/16	.137	UAN02-56-3/16	1,200	UZN02-56-3/16	1,680
			1/4	.199	UAN02-56-1/4	1,240	UZN02-56-1/4	1,720
			5/16	.262	UAN02-56-5/16	1,260	UZN02-56-5/16	1,760
#3-48	.187	.056	1/8	.074	UAN03-48-1/8	1,100	UZN03-48-1/8	1,540
			5/32	.105	UAN03-48-5/32	1,150	UZN03-48-5/32	1,600
			3/16	.137	UAN03-48-3/16	1,180	UZN03-48-3/16	1,640
			1/4	.199	UAN03-48-1/4	1,210	UZN03-48-1/4	1,690
			5/16	.262	UAN03-48-5/16	1,240	UZN03-48-5/16	1,720
#4-40	.212	.063	5/32	.105	UAN04-40-5/32	1,120	UZN04-40-5/32	1,570
			3/16	.137	UAN04-40-3/16	1,150	UZN04-40-3/16	1,610
			1/4	.199	UAN04-40-1/4	1,180	UZN04-40-1/4	1,640
			5/16	.262	UAN04-40-5/16	1,200	UZN04-40-5/16	1,680
			3/8	.324	UAN04-40-3/8	1,250	UZN04-40-3/8	1,750
#5-40	.238	.070	5/32	.105	UAN05-40-5/32	1,090	UZN05-40-5/32	1,530
			3/16	.137	UAN05-40-3/16	1,130	UZN05-40-3/16	1,580
			1/4	.199	UAN05-40-1/4	1,150	UZN05-40-1/4	1,610
			5/16	.262	UAN05-40-5/16	1,170	UZN05-40-5/16	1,630
			3/8	.324	UAN05-40-3/8	1,210	UZN05-40-3/8	1,710
#6-32	.263	.077	1/2	.449	UAN05-40-1/2	1,280	UZN05-40-1/2	1,800
			5/32	.105	UAN06-32-5/32	1,120	UZN06-32-5/32	1,580
			3/16	.137	UAN06-32-3/16	1,150	UZN06-32-3/16	1,620
			1/4	.199	UAN06-32-1/4	1,170	UZN06-32-1/4	1,650
			5/16	.262	UAN06-32-5/16	1,190	UZN06-32-5/16	1,680
			3/8	.324	UAN06-32-3/8	1,240	UZN06-32-3/8	1,740
			1/2	.449	UAN06-32-1/2	1,300	UZN06-32-1/2	1,830
			3/16	.137	UAN08-32-3/16	1,170	UZN08-32-3/16	1,650
#8-32	.314	.091	1/4	.199	UAN08-32-1/4	1,190	UZN08-32-1/4	1,690
			5/16	.262	UAN08-32-5/16	1,210	UZN08-32-5/16	1,710
			3/8	.324	UAN08-32-3/8	1,260	UZN08-32-3/8	1,760
			1/2	.449	UAN08-32-1/2	1,320	UZN08-32-1/2	1,850
			5/8	.574	UAN08-32-5/8	1,410	UZN08-32-5/8	1,980
			3/4	.591	UAN08-32-3/4	1,590	UZN08-32-3/4	2,230
			5/16	.262	UAN10-24-5/16	1,280	UZN10-24-5/16	1,800
			3/8	.324	UAN10-24-3/8	1,320	UZN10-24-3/8	1,850
#10-24	.365	.105	1/2	.449	UAN10-24-1/2	1,400	UZN10-24-1/2	1,960
			5/8	.574	UAN10-24-5/8	1,500	UZN10-24-5/8	2,090
			3/4	.591	UAN10-24-3/4	1,670	UZN10-24-3/4	2,330
			7/8	.591	UAN10-24-7/8	1,710	UZN10-24-7/8	2,390
			1	.591	UAN10-24-1	1,740	UZN10-24-1	2,450
			5/16	.262	UAN10-32-5/16	1,360	UZN10-32-5/16	1,910
			3/8	.324	UAN10-32-3/8	1,400	UZN10-32-3/8	1,960
			1/2	.449	UAN10-32-1/2	1,490	UZN10-32-1/2	2,080
#10-32 (Fine)	.365	.105	5/8	.574	UAN10-32-5/8	1,590	UZN10-32-5/8	2,220
			3/4	.591	UAN10-32-3/4	1,760	UZN10-32-3/4	2,470
			7/8	.591	UAN10-32-7/8	1,810	UZN10-32-7/8	2,530
			1	.591	UAN10-32-1	1,840	UZN10-32-1	2,590
			1	.591	UAN10-32-1	1,840	UZN10-32-1	2,590

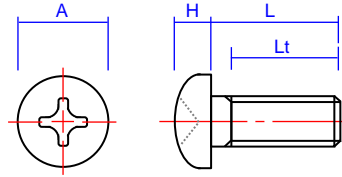
The unit of measurements in this chart is "inch". Yellow is fine pitch thread, the others are coarse thread.



# Pan head

Metric

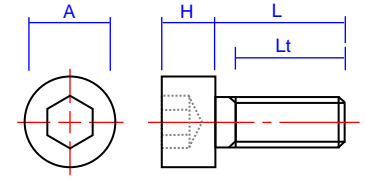
Minimum Order QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



# Hexagon Cap Bolt

Unified

Minimum Order QTY : **20pcs** / each model  
**KDA standard product** Suitable for RoHS



Pan head [Metric type]						Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	Pitch	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
M1.4	0.30	2.7	1.1	3	1.7	-	-	ZNM1.4-03	1,790
M1.6	0.35	3.1	1.2	3	1.7	-	-	ZNM1.6-03	1,690
M1.8	0.35	3.5	1.4	5	3.7	-	-	ZNM1.8-05	1,580
M2	0.40	3.9	1.5	3	1.7	ANM02-03	750	ZNM02-03	1,150
				5	3.7	ANM02-05	800	ZNM02-05	1,210
				8	6.7	ANM02-08	840	ZNM02-08	1,290
				10	8.7	ANM02-10	910	ZNM02-10	1,380
				5	3.7	ANM2.2-05	1,100	ZNM2.2-05	1,640
M2.2	0.45	4.3	1.7	5	3.7	ANM2.5-05	1,170	ZNM2.5-05	1,740
M2.5	0.45	4.9	2.0	5	3.7	ANM2.6-05	1,240	ZNM2.6-05	1,790
M2.6	0.45	5.0	2.1	5	3.7	ANM03-05	750	ZNM03-05	1,190
M3	0.50	5.5	2.3	8	6.7	ANM03-08	790	ZNM03-08	1,240
				10	8.7	ANM03-10	800	ZNM03-10	1,260
				12	10.7	ANM03-12	840	ZNM03-12	1,320
				16	14.7	ANM03-16	910	ZNM03-16	1,410
				20	15.0	ANM03-20	990	ZNM03-20	1,500
M4	0.70	7.8	3.0	8	6.7	ANM04-08	800	ZNM04-08	1,260
				10	8.7	ANM04-10	840	ZNM04-10	1,320
				12	10.7	ANM04-12	880	ZNM04-12	1,390
				16	14.7	ANM04-16	930	ZNM04-16	1,470
				20	15.0	ANM04-20	1,060	ZNM04-20	1,680
M5	0.80	9.3	3.6	25	15.0	ANM04-25	1,190	ZNM04-25	1,790
				8	6.7	ANM05-08	840	ZNM05-08	1,320
				10	8.7	ANM05-10	880	ZNM05-10	1,390
				12	10.7	ANM05-12	930	ZNM05-12	1,470
				16	14.7	ANM05-16	970	ZNM05-16	1,530
M6	1.00	11.8	4.5	20	15.0	ANM05-20	1,100	ZNM05-20	1,740
				25	15.0	ANM05-25	1,190	ZNM05-25	1,890
				30	15.0	ANM05-30	1,210	ZNM05-30	2,000
				8	6.7	ANM06-08	930	ZNM06-08	1,470
				10	8.7	ANM06-10	970	ZNM06-10	1,530
M8	1.25	15.8	5.9	12	10.7	ANM06-12	1,020	ZNM06-12	1,600
				16	14.7	ANM06-16	1,100	ZNM06-16	1,740
				20	15.0	ANM06-20	1,190	ZNM06-20	1,890
				25	15.0	ANM06-25	1,240	ZNM06-25	1,950
				30	15.0	ANM06-30	1,280	ZNM06-30	2,020
M10	1.50	19.7	7.3	35	15.0	ANM06-35	1,370	ZNM06-35	2,110
				40	15.0	ANM06-40	1,460	ZNM06-40	2,220
				10	8.7	ANM08-10	1,020	-	-
				12	10.7	ANM08-12	1,100	-	-
				16	14.7	ANM08-16	1,150	-	-
M10 (Fine)	1.50	19.7	7.3	20	15.0	ANM08-20	1,240	-	-
				25	15.0	ANM08-25	1,280	-	-
				30	15.0	ANM08-30	1,320	-	-
				35	15.0	ANM08-35	1,370	-	-
				40	15.0	ANM08-40	1,430	-	-
M10 (Fine)	1.50	19.7	7.3	45	15.0	ANM08-45	1,520	-	-
				10	8.7	ANM10-10	1,100	-	-
				12	10.7	ANM10-12	1,150	-	-
				16	14.7	ANM10-16	1,190	-	-
				20	15.0	ANM10-20	1,280	-	-
M10 (Fine)	1.50	19.7	7.3	25	15.0	ANM10-25	1,320	-	-
				30	15.0	ANM10-30	1,370	-	-
				35	15.0	ANM10-35	1,410	-	-
				40	15.0	ANM10-40	1,480	-	-
				45	15.0	ANM10-45	1,570	-	-

The unit of measurements in this chart is "mm".

Hexagon Cap Bolt [Unified type]					Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
#2-56	.137	.085	1/8	.074	UARA02-56-1/8	1,600	UZRA02-56-1/8	2,240
			5/32	.105	UARA02-56-5/32	1,650	UZRA02-56-5/32	2,310
			3/16	.137	UARA02-56-3/16	1,710	UZRA02-56-3/16	2,390
			1/4	.199	UARA02-56-1/4	1,740	UZRA02-56-1/4	2,450
			5/16	.262	UARA02-56-5/16	1,780	UZRA02-56-5/16	2,490
#3-48	.158	.097	1/8	.074	UARA03-48-1/8	1,590	UZRA03-48-1/8	2,220
			5/32	.105	UARA03-48-5/32	1,640	UZRA03-48-5/32	2,290
			3/16	.137	UARA03-48-3/16	1,700	UZRA03-48-3/16	2,370
#4-40	.180	.110	1/4	.199	UARA03-48-1/4	1,730	UZRA03-48-1/4	2,420
			5/16	.262	UARA03-48-5/16	1,760	UZRA03-48-5/16	2,470
			5/32	.105	UARA04-40-5/32	1,620	UZRA04-40-5/32	2,270
			3/16	.137	UARA04-40-3/16	1,680	UZRA04-40-3/16	2,350
			1/4	.199	UARA04-40-1/4	1,710	UZRA04-40-1/4	2,400
#5-40	.202	.123	5/16	.262	UARA04-40-5/16	1,740	UZRA04-40-5/16	2,450
			3/8	.324	UARA04-40-3/8	1,800	UZRA04-40-3/8	2,520
			5/32	.105	UARA05-40-5/32	1,610	UZRA05-40-5/32	2,250
			3/16	.137	UARA05-40-3/16	1,670	UZRA05-40-3/16	2,330
			1/4	.199	UARA05-40-1/4	1,700	UZRA05-40-1/4	2,380
#6-32	.222	.136	5/16	.262	UARA05-40-5/16	1,730	UZRA05-40-5/16	2,420
			3/8	.324	UARA05-40-3/8	1,790	UZRA05-40-3/8	2,500
			1/2	.449	UARA05-40-1/2	1,870	UZRA05-40-1/2	2,630
			5/32	.105	UARA06-32-5/32	1,650	UZRA06-32-5/32	2,300
			3/16	.137	UARA06-32-3/16	1,710	UZRA06-32-3/16	2,380
#8-32	.266	.162	1/4	.199	UARA06-32-1/4	1,740	UZRA06-32-1/4	2,440
			5/16	.262	UARA06-32-5/16	1,780	UZRA06-32-5/16	2,480
			3/8	.324	UARA06-32-3/8	1,830	UZRA06-32-3/8	2,560
			1/2	.449	UARA06-32-1/2	1,930	UZRA06-32-1/2	2,700
			3/16	.137	UARA08-32-3/16	1,740	UZRA08-32-3/16	2,440
#10-24	.308	.188	1/4	.199	UARA08-32-1/4	1,780	UZRA08-32-1/4	2,490
			5/16	.262	UARA08-32-5/16	1,810	UZRA08-32-5/16	2,530
			3/8	.324	UARA08-32-3/8	1,860	UZRA08-32-3/8	2,600
			1/2	.449	UARA08-32-1/2	1,970	UZRA08-32-1/2	2,770
			5/8	.574	UARA08-32-5/8	2,070	UZRA08-32-5/8	2,910
#10-32 (Fine)	.308	.188	3/4	.591	UARA08-32-3/4	2,330	UZRA08-32-3/4	3,250
			5/16	.262	UARA10-24-5/16	1,930	UZRA10-24-5/16	2,700
			3/8	.324	UARA10-24-3/8	1,980	UZRA10-24-3/8	2,780
			1/2	.449	UARA10-24-1/2	2,090	UZRA10-24-1/2	2,920
			5/8	.574	UARA10-24-5/8	2,200	UZRA10-24-5/8	3,100
#10-32 (Fine)	.308	.188	3/4	.591	UARA10-24-3/4	2,460	UZRA10-24-3/4	3,440
			7/8	.591	UARA10-24-7/8	2,550	UZRA10-24-7/8	3,570
			1	.591	UARA10-24-1	2,630	UZRA10-24-1	3,690
			5/16	.262	UARA10-32-5/16	2,050	UZRA10-32-5/16	2,860
			3/8	.324	UARA10-32-3/8	2,110	UZRA10-32-3/8	2,940
#10-32 (Fine)	.308	.188	1/2	.449	UARA10-32-1/2	2,220	UZRA10-32-1/2	3,100
			5/8	.574	UARA10-32-5/8	2,340	UZRA10-32-5/8	3,280
			3/4	.591	UARA10-32-3/4	2,600	UZRA10-32-3/4	3,650
			7/8	.591	UARA10-32-7/8	2,700	UZRA10-32-7/8	3,780
			1	.591	UARA10-32-1	2,790	UZRA10-32-1	3,910

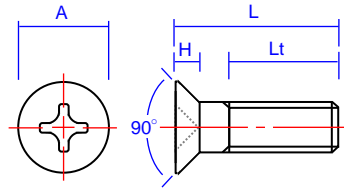
The unit of measurements in this chart is "inch". Yellow is fine pitch thread, the others are coarse thread.



# Flat head Countersunk head

Metric

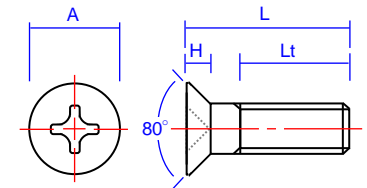
Minimum Order QTY : **20pcs** / each model  
**KDA standard product Suitable for RoHS**



# Flat head Countersunk head

Unified

Minimum Order QTY : **20pcs** / each model  
**KDA standard product Suitable for RoHS**



Flat head [Metric type]					Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]		
Size	Pitch	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
<b>M1.8</b>	0.35	3.3	1.1	5	2.9	-	-	ZSM1.8-05	1,680
				5	2.8	ASM02-05	840	ZSM02-05	1,280
<b>M2</b>	0.40	3.7	1.2	8	5.8	ASM02-08	880	ZSM02-08	1,360
				10	7.8	ASM02-10	930	ZSM02-10	1,420
				12	9.8	ASM02-12	990	ZSM02-12	1,500
				5	2.7	ASM2.2-05	1,150	ZSM2.2-05	1,710
<b>M2.2</b>	0.45	4.0	1.3	5	2.5	ASM2.5-05	1,240	ZSM2.5-05	1,780
<b>M2.5</b>	0.45	4.6	1.5	5	2.5	ASM2.6-05	1,280	ZSM2.6-05	1,870
<b>M2.6</b>	0.45	4.7	1.5	5	2.4	ASM03-05	800	ZSM03-05	1,260
<b>M3</b>	0.50	5.4	1.7	8	5.4	ASM03-08	830	ZSM03-08	1,290
				10	7.4	ASM03-10	840	ZSM03-10	1,320
				12	9.4	ASM03-12	880	ZSM03-12	1,390
				16	13.4	ASM03-16	950	ZSM03-16	1,480
				20	15.0	ASM03-20	1,040	ZSM03-20	1,570
<b>M4</b>	0.70	8.2	2.7	8	4.3	ASM04-08	840	ZSM04-08	1,320
				10	6.3	ASM04-10	880	ZSM04-10	1,390
				12	8.3	ASM04-12	930	ZSM04-12	1,470
				16	12.3	ASM04-16	970	ZSM04-16	1,540
				20	15.0	ASM04-20	1,120	ZSM04-20	1,760
<b>M5</b>	0.80	9.1	2.7	25	15.0	ASM04-25	1,200	ZSM04-25	1,870
				8	4.3	ASM05-08	880	ZSM05-08	1,390
				10	6.3	ASM05-10	930	ZSM05-10	1,470
				12	8.3	ASM05-12	980	ZSM05-12	1,540
				16	12.3	ASM05-16	1,030	ZSM05-16	1,610
				20	15.0	ASM05-20	1,170	ZSM05-20	1,840
				25	15.0	ASM05-25	1,260	ZSM05-25	1,980
				30	15.0	ASM05-30	1,350	ZSM05-30	2,090
<b>M6</b>	1.00	11.1	3.3	8	3.7	ASM06-08	980	ZSM06-08	1,540
				10	5.7	ASM06-10	1,030	ZSM06-10	1,610
				12	7.7	ASM06-12	1,070	ZSM06-12	1,690
				16	11.7	ASM06-16	1,170	ZSM06-16	1,840
				20	15.0	ASM06-20	1,260	ZSM06-20	1,980
				25	15.0	ASM06-25	1,300	ZSM06-25	2,050
				30	15.0	ASM06-30	1,360	ZSM06-30	2,130
<b>M8</b>	1.25	15.6	4.7	35	15.0	ASM06-35	1,420	ZSM06-35	2,220
				40	15.0	ASM06-40	1,500	ZSM06-40	2,330
				10	4.4	ASM08-10	1,070	-	-
				12	6.4	ASM08-12	1,170	-	-
				16	10.4	ASM08-16	1,210	-	-
				20	14.4	ASM08-20	1,300	-	-
				25	15.0	ASM08-25	1,360	-	-
				30	15.0	ASM08-30	1,400	-	-
<b>M10</b>	1.50	18.0	5.0	35	15.0	ASM08-35	1,450	-	-
				40	15.0	ASM08-40	1,500	-	-
				45	15.0	ASM08-45	1,580	-	-
				10	4.0	ASM10-10	1,170	-	-
				12	6.0	ASM10-12	1,210	-	-
				16	10.0	ASM10-16	1,260	-	-
				20	14.0	ASM10-20	1,360	-	-
<b>M10</b>	1.50	18.0	5.0	25	15.0	ASM10-25	1,400	-	-
				30	15.0	ASM10-30	1,450	-	-
				35	15.0	ASM10-35	1,490	-	-
				40	15.0	ASM10-40	1,540	-	-
				45	15.0	ASM10-45	1,610	-	-

The unit of measurements in this chart is "mm".

Flat head [Unified type]					Alumina Al2O3 [JPY]		Zirconia ZrO2 [JPY]	
Size	A	H	L	Lt	Model ID	Unit price	Model ID	Unit price
<b>#1-72</b>	.135	.043	3/16	.106	-	-	UZS1-72-3/16	1,920
<b>#2-56</b>	.160	.051	3/16	.098	UAS02-56-3/16	1,270	UZS02-56-3/16	1,780
			1/4	.160	UAS02-56-1/4	1,290	UZS02-56-1/4	1,810
			5/16	.223	UAS02-56-5/16	1,310	UZS02-56-5/16	1,840
			3/8	.285	UAS02-56-3/8	1,390	UZS02-56-3/8	1,940
<b>#3-48</b>	.185	.059	3/16	.090	UAS03-48-3/16	1,250	UZS03-48-3/16	1,740
			1/4	.152	UAS03-48-1/4	1,270	UZS03-48-1/4	1,780
			5/16	.215	UAS03-48-5/16	1,290	UZS03-48-5/16	1,810
<b>#4-40</b>	.210	.067	3/8	.277	UAS03-48-3/8	1,370	UZS03-48-3/8	1,900
			3/16	.082	UAS04-40-3/16	1,210	UZS04-40-3/16	1,700
			1/4	.144	UAS04-40-1/4	1,240	UZS04-40-1/4	1,730
<b>#5-40</b>	.236	.075	5/16	.207	UAS04-40-5/16	1,260	UZS04-40-5/16	1,760
			3/8	.269	UAS04-40-3/8	1,340	UZS04-40-3/8	1,850
			3/16	.074	UAS05-40-3/16	1,190	UZS05-40-3/16	1,670
			1/4	.136	UAS05-40-1/4	1,210	UZS05-40-1/4	1,700
<b>#6-32</b>	.262	.083	5/16	.199	UAS05-40-5/16	1,240	UZS05-40-5/16	1,720
			3/8	.261	UAS05-40-3/8	1,300	UZS05-40-3/8	1,810
			1/2	.386	UAS05-40-1/2	1,370	UZS05-40-1/2	1,910
			1/4	.128	UAS06-32-1/4	1,240	UZS06-32-1/4	1,940
<b>#8-32</b>	.312	.100	5/16	.191	UAS06-32-5/16	1,260	UZS06-32-5/16	1,960
			3/8	.253	UAS06-32-3/8	1,320	UZS06-32-3/8	2,040
			1/2	.378	UAS06-32-1/2	1,390	UZS06-32-1/2	2,150
			5/16	.174	UAS08-32-5/16	1,270	UZS08-32-5/16	2,190
			3/8	.236	UAS08-32-3/8	1,340	UZS08-32-3/8	2,270
<b>#10-24</b>	.363	.116	1/2	.361	UAS08-32-1/2	1,400	UZS08-32-1/2	2,380
			5/8	.486	UAS08-32-5/8	1,500	UZS08-32-5/8	2,560
			3/4	.591	UAS08-32-3/4	1,670	UZS08-32-3/4	2,860
			5/16	.158	UAS10-24-5/16	1,350	UZS10-24-5/16	2,290
			3/8	.220	UAS10-24-3/8	1,410	UZS10-24-3/8	2,380
			1/2	.345	UAS10-24-1/2	1,480	UZS10-24-1/2	2,470
			5/8	.470	UAS10-24-5/8	1,580	UZS10-24-5/8	2,670
			3/4	.591	UAS10-24-3/4	1,760	UZS10-24-3/4	3,020
<b>#10-32 (Fine)</b>	.363	.116	7/8	.591	UAS10-24-7/8	1,810	UZS10-24-7/8	3,070
			1	.591	UAS10-24-1	1,850	UZS10-24-1	3,120
			5/16	.158	UAS10-32-5/16	1,420	UZS10-32-5/16	2,420
			3/8	.220	UAS10-32-3/8	1,500	UZS10-32-3/8	2,520
			1/2	.345	UAS10-32-1/2	1,570	UZS10-32-1/2	2,610
			5/8	.470	UAS10-32-5/8	1,680	UZS10-32-5/8	2,830
			3/4	.591	UAS10-32-3/4	1,870	UZS10-32-3/4	3,190
<b>#10-32</b>	.363	.116	7/8	.591	UAS10-32-7/8	1,920	UZS10-32-7/8	3,260
			1	.591	UAS10-32-1	1,960	UZS10-32-1	3,300

The unit of measurements in this chart is "inch". Yellow is fine pitch thread, the others are coarse thread.