

BLIND RIVET NUTS

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Edition 2

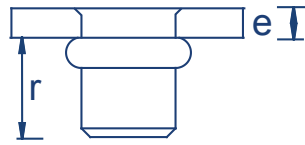
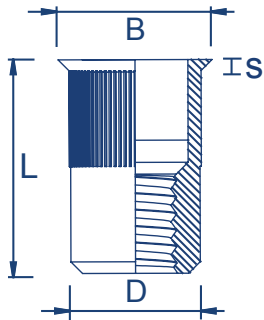
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Reduced Head Knurled Body

Open End - Imperial Hole Size*

Steel - Zinc & Clear



Dimensions - Steel - Zinc & Clear:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) (±0.05/-0.1mm)	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	4.8	4.65	5.4	9.0	0.4	0.5 - 1.5	Reduced Countersunk	5.5	Knurled
M4	6.5	6.35	7.0	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Knurled
M5	7.25	7.15	7.85	12.0	0.5	0.5 - 2.5	Reduced Countersunk	7.5	Knurled
M6	9.6	9.45	10.3	15.0	0.6	1 - 3	Reduced Countersunk	9.2	Knurled
M8	10.6	10.45	11.3	16.0	0.6	1 - 3.5	Reduced Countersunk	10.5	Knurled
M10	12.8	12.65 (+0.07/-0.1mm)	13.8	20.0	0.65	1 - 4	Reduced Countersunk	12.8	Knurled

Dimensions - A2 Stainless Steel: (available upon request)

Thread	Hole size +0.1/-0.0mm	Body diameter (D) (±0.05/-0.1mm)	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.5	6.35	7.0	10.5	0.50	0.5 - 2	Reduced Countersunk	6.5	Knurled
M5	7.25	7.15	7.8	12.0	0.50	0.5 - 2.5	Reduced Countersunk	7.5	Knurled
M6	9.6	9.45	10.3	15.0	0.60	1 - 3	Reduced Countersunk	9.2	Knurled
M8	10.6	10.45	11.3	16.0	0.60	1 - 3.5	Reduced Countersunk	10.5	Knurled
M10	12.8	12.65 (+0.07/-0.1mm)	13.8	20.0	0.65	1 - 4	Reduced Countersunk	12.8	Knurled

* Imperial hole sizes = direct metric equivalents

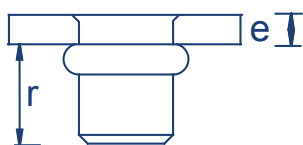
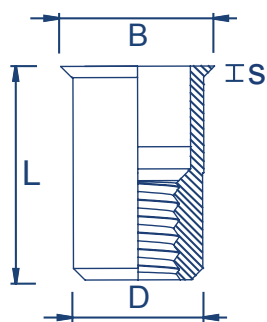
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, reduced head (imperial hole), open end, steel, knurled body = M6 - RED - OE - ST - KG

Reduced Head Plain Body

Open End - Imperial Hole Size*

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) (±0.05/-0.1mm)	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	4.8	4.65	5.4	9.0	0.4	0.5 - 1.5	Reduced Countersunk	5.5	Plain
M4	6.4	6.25	7.0	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Plain
M5	7.2	7.05	7.80	12.0	0.5	0.5 - 2.5	Reduced Countersunk	7.5	Plain
M6	9.6	9.45	10.3	15.0	0.6	1 - 3	Reduced Countersunk	9.2	Plain
M8	10.6	10.45	11.3	16.0	0.6	1 - 3.5	Reduced Countersunk	10.5	Plain
M10	12.8	12.65 (+0.07/-0.1mm)	13.8	20.0	0.65	1 - 4	Reduced Countersunk	12.8	Plain

Dimensions - A2 Stainless Steel:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) (±0.05/-0.1mm)	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	4.8	4.70	5.8	9.2	0.6	0.5 - 2.5	Reduced Countersunk	6.0	Plain
M4	6.4	6.25	7.0	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Plain
M5	7.2	7.05	7.8	12.0	0.5	0.5 - 2.5	Reduced Countersunk	7.5	Plain
M6	9.6	9.45	10.3	15.0	0.6	1 - 3	Reduced Countersunk	9.2	Plain
M8	10.6	10.45	11.3	16.0	0.6	1 - 3.5	Reduced Countersunk	10.5	Plain

* Imperial hole sizes = direct metric equivalents

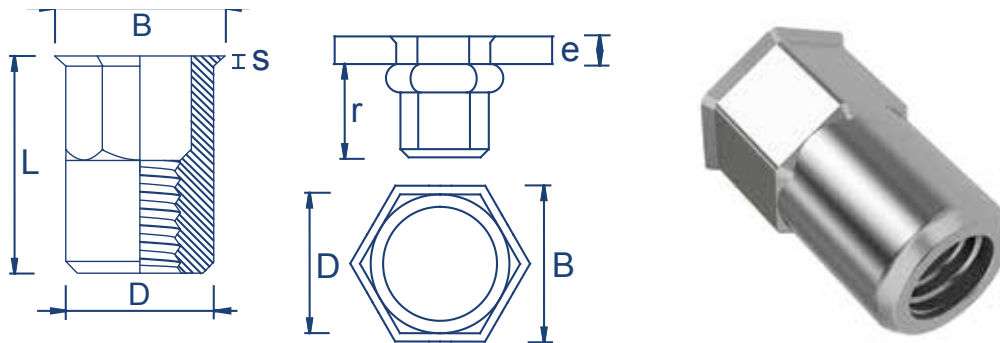
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, reduced head (imperial hole), open end, steel, plain body = M6 - RED - OE - ST - PG

Reduced Head Hexagon Body

Open End - Imperial Hole Size*

Steel - Zinc & Clear



Dimensions - Steel - Zinc & Clear:

Thread	Hole size A/F +0.1/-0.0mm	Body diameter (D) (±0.05/-0.1mm)	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.4 A/F	6.25	7.25	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Half Hex
M5	7.2 A/F	7.05	8.1	12	0.5	0.5 - 2.5	Reduced Countersunk	7.5	Half Hex
M6	9.6 A/F	9.45	10.5	15	0.6	1 - 3	Reduced Countersunk	9.2	Half Hex
M8	10.6 A/F	10.45	11.5	16.5	0.65	1 - 3.5	Reduced Countersunk	10.5	Half Hex

* Imperial hole sizes = direct metric equivalents

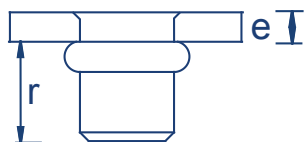
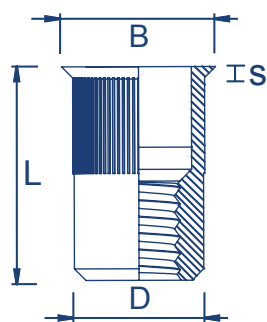
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, reduced head (imperial hole), open end, steel, hexagon body = M6 - REDX - OE - ST - PG

Reduced Head Knurled Body

Open End - Metric Body Size

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	5.0	4.9	6.0	9.0	0.5	0.5 - 2	Reduced Countersunk	6.2	Knurled
M4	6.0	5.9	7.0	11.2	0.5	0.5 - 2	Reduced Countersunk	7.0	Knurled
M5	7.0	6.9	8.0	11.5	0.5	0.5 - 2	Reduced Countersunk	7.0	Knurled
M6	9.0	8.9	10.0	14.0	0.6	0.5 - 2.5	Reduced Countersunk	8.5	Knurled
M8	11.0	10.9	12.0	16.5	0.65	0.5 - 3	Reduced Countersunk	10.0	Knurled
M10 Alt	12.0	11.9	13.0	19.5	0.7	1 - 3.5	Reduced Countersunk	12.5	Knurled
M10	13.0	12.9	14.0	19.5	0.7	1 - 3.5	Reduced Countersunk	12.5	Knurled

Dimensions - A2 Stainless Steel:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0	5.9	7.0	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Knurled
M5	7.0	6.9	8.0	11.5	0.5	0.5 - 2	Reduced Countersunk	7.2	Knurled
M6	9.0	8.9	10.0	14.0	0.6	0.5 - 2.5	Reduced Countersunk	8.7	Knurled
M8	11.0	10.9	12.0	16.5	0.65	0.5 - 3	Reduced Countersunk	10.5	Knurled
M10	13.0	12.9	14.0	17.7	0.7	1 - 3.5	Reduced Countersunk	10.7	Knurled

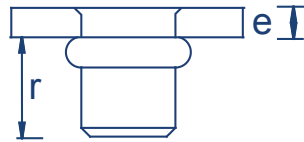
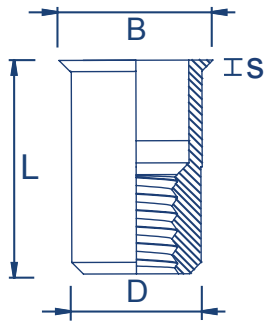
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, reduced head, open end, steel, knurled body = M6 - REDE - OE - ST - KG

Reduced Head Plain Body

Open End - Metric Body Size

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0	5.9	7.0	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Plain
M5	7.0	6.9	8.0	11.5	0.5	0.5 - 2	Reduced Countersunk	7.0	Plain
M6	9.0	8.9	10.5	14.0	0.6	0.5 - 2.5	Reduced Countersunk	8.5	Plain
M8	11.0	10.9	12.0	16.5	0.65	0.5 - 3	Reduced Countersunk	10.0	Plain
M10	13.0	12.9	14.1	17.7	0.7	0.5 - 3	Reduced Countersunk	13.0	Plain

Dimensions - A2 Stainless Steel:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0	5.9	7.0	10.5	0.5	0.5 - 2	Reduced Countersunk	6.5	Plain
M5	7.0	6.9	8.0	11.5	0.5	0.5 - 2	Reduced Countersunk	7.0	Plain
M6	9.0	8.9	10.0	14.0	0.6	0.5 - 2.5	Reduced Countersunk	8.5	Plain
M8	11.0	10.9	12.0	16.5	0.65	0.5 - 3	Reduced Countersunk	10.5	Plain
M10	13.0	12.9	14.0	17.7	0.7	1 - 3.5	Reduced Countersunk	11.5	Plain

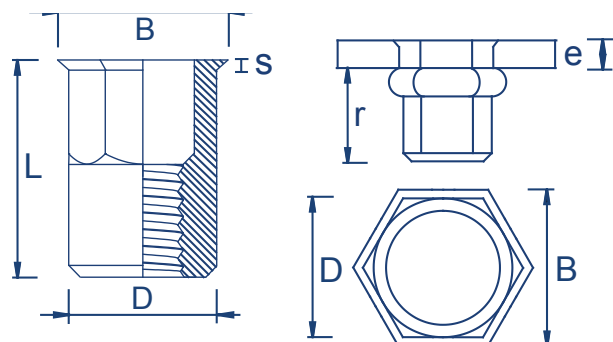
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, reduced head, open end, steel, plain body = M6 - REDE - OE - ST - PG

Reduced Head Hexagon Body

Open End

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

Thread	Hole size A/F +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0 A/F	5.9	7.0	12.0	0.5	0.5 - 2	Reduced Countersunk	8.3	Half Hex
M5	7.0 A/F	6.9	8.0	13.0	0.5	0.5 - 2.5	Reduced Countersunk	8.7	Half Hex
M6	9.0 A/F	8.9	10.0	16.0	0.6	1 - 3.5	Reduced Countersunk	10.5	Half Hex
M8	11.0 A/F	10.9	12.0	17.5	0.65	1 - 3.5	Reduced Countersunk	11.3	Half Hex
M10	13.0 A/F	12.9	14.5	21.0	0.75	1 - 4	Reduced Countersunk	12.8	Half Hex

Dimensions - A2 Stainless Steel:

Thread	Hole size A/F +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0 A/F	5.9	7.0	12.0	0.5	0.5 - 2	Reduced Countersunk	8.0	Half Hex
M5	7.0 A/F	6.9	8.0	13.0	0.5	0.5 - 2.5	Reduced Countersunk	8.2	Half Hex
M6	9.0 A/F	8.9	10.0	16.0	0.6	0.5 - 3	Reduced Countersunk	10.7	Half Hex
M8	11.0 A/F	10.9	12.0	17.5	0.65	1 - 3.5	Reduced Countersunk	11.2	Half Hex
M10	13.0 A/F	12.9	14.5	21.0	0.75	1 - 4	Reduced Countersunk	13.5	Half Hex

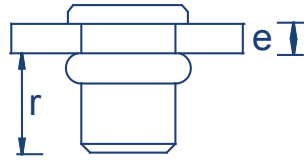
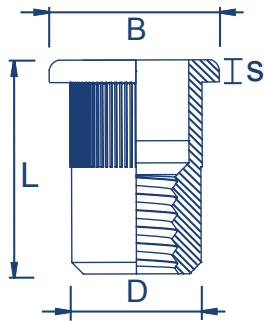
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, reduced head, open end, steel, hexagon body = M6 - REDXE - OE - ST - PG

Flange Head Knurled Body

Open End

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	5.0	4.9	8.0	10.0	0.8	0.5 - 1.5	Flange	6.0	Knurled
M4 short	6.0	5.9	9.0	10.5	0.8	0.5 - 2	Flange	6.0	Knurled
M4 medium	6.0	5.9	9.0	12.0	0.8	2.0 - 3.5	Flange	6.0	Knurled
M5 short	7.0	6.9	10.0	13.0	1.0	0.5 - 2.5	Flange	7.5	Knurled
M5 medium	7.0	6.9	10.0	16.5	1.0	2.5 - 5	Flange	8.5	Knurled
M6 short	9.0	8.9	12.3	15.5	1.3	0.5 - 3	Flange	9.2	Knurled
M6 medium	9.0	8.9	12.3	19.5	1.3	3 - 5.5	Flange	10.5	Knurled
M8 short	11.0	10.9	14.5	18.5	1.5	1 - 3.5	Flange	11.5	Knurled
M8 medium	11.0	10.9	14.5	21.0	1.5	3.5 - 6	Flange	11.5	Knurled
M10 short	12.0	11.9	16.0	19.0	1.6	1.0 - 3.5	Flange	11.0	Knurled
M10 medium	12.0	11.9	15.8	22.3	2.0	3 - 6	Flange	14.0	Knurled
M10 short alt	13.0	12.9	17.0	21.5	1.7	1.0 - 4	Flange	11.0	Knurled
M12	16.0	15.9	22.0	25.0	2.0	1.0 - 3.5	Flange	15.0	Knurled

Dimensions - A2 Stainless Steel:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0	5.9	9.0	10.5	0.8	0.5 - 2	Flange	6.5	Knurled
M5	7.0	6.9	10.0	13.0	1.0	0.5 - 2.5	Flange	8.0	Knurled
M6	9.0	8.9	12.3	15.5	1.3	0.5 - 3	Flange	9.2	Knurled
M8	11.0	10.9	14.5	18.5	1.5	1 - 3.5	Flange	11.5	Knurled
M10	13.0	12.9	17.0	21.0	1.6	1 - 4.0	Flange	13.5	Knurled

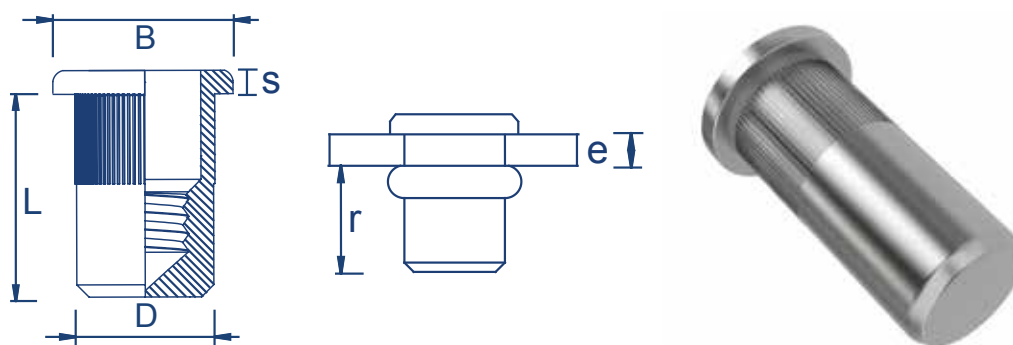
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, flange head, open end, steel, knurled body = M6 - FLG - OE - ST - KG (SHORT)

Flange Head Knurled Body

Closed end

Steel - Zinc & Clear



Dimensions - Steel - Zinc & Clear:

Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	5.0	4.9	7.0	15.0	0.9	0.5 - 2.5	Flange	10.7	Closed Knurled
M4	6.0	5.9	9.0	16.0	0.8	0.5 - 2	Flange	11.3	Closed Knurled
M5	7.0	6.9	10.0	17.0	1.0	0.5 - 3	Flange	11.5	Closed Knurled
M6	9.0	8.9	12.3	19.2	1.3	0.5 - 3	Flange	12.7	Closed Knurled
M8	11.0	10.9	15.0	21.5	1.5	0.5 - 3	Flange	14.8	Closed Knurled
M10	13.0	12.9	17.0	27.0	1.6	1 - 4	Flange	19.2	Closed Knurled

A2 stainless steel available on request

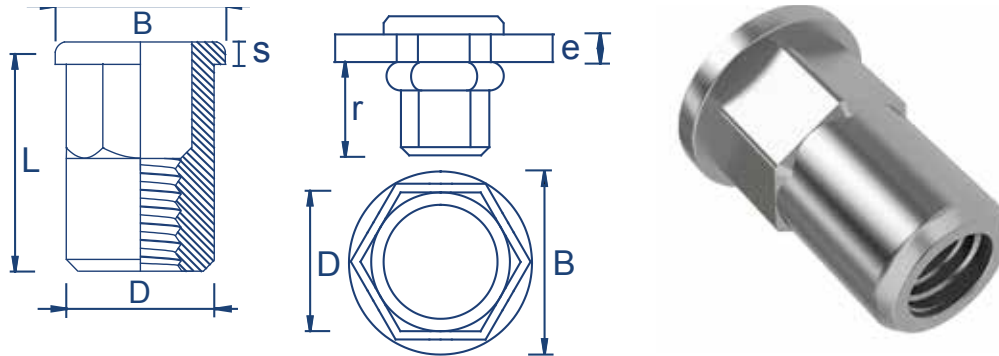
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, flange head, closed end, steel, knurled body = M6 - FLG - CE - ST - KG

Flange Head Hexagon Body

Open End

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

Thread	Hole size A/F +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0 A/F	5.9	9.0	11.0	0.8	0.5 - 2	Flange	6.5	Half Hex
M5	7.0 A/F	6.9	10.0	12.30	1.0	0.5 - 2.5	Flange	8.0	Half Hex
M6	9.0 A/F	8.9	12.7	15.0	1.35	0.5 - 3	Flange	8.5	Half Hex
M8	11.0 A/F	10.9	16.0	18.0	1.5	1 - 3.5	Flange	10.5	Half Hex
M10	13.0 A/F	12.9	18.0	21.0	1.7	1 - 3.5	Flange	12.5	Half Hex

Dimensions - A2 Stainless Steel:

Thread	Hole size A/F +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0 A/F	5.9	9.0	11.0	0.8	0.5 - 2	Flange	7.2	Half Hex
M5	7.0 A/F	6.9	10.0	12.0	1.0	0.5 - 2.5	Flange	7.5	Half Hex
M6	9.0 A/F	8.9	12.7	15.5	1.3	0.5 - 3	Flange	9.2	Half Hex
M8	11.0 A/F	10.9	16.0	18.0	1.5	1 - 3.5	Flange	11.0	Half Hex
M10	13.0 A/F	12.9	18.0	21.0	1.7	1 - 4	Flange	13.2	Half Hex

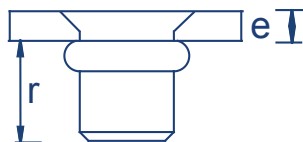
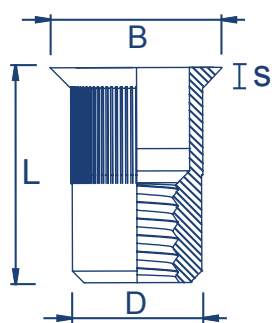
How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

Example: M6, flange head, open end, steel, hexagon body = M6 - FLGXE - OE - ST - PG

Countersunk Head Knurled Body

Open End

Steel - Zinc & Clear | A2 Stainless Steel



Dimensions - Steel - Zinc & Clear:

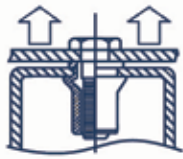
Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M4	6.0	5.9	9.0	12.0	1.5	1.5 - 3	Countersunk	6.5	Knurled
M5	7.0	6.9	10.0	13.0	1.5	1.5 - 3.5	Countersunk	7.5	Knurled
M6	9.0	8.9	12.0	15.5	1.5	1.5 - 4	Countersunk	9.0	Knurled
M8	11.0	10.9	14.0	18.5	1.5	2 - 4.5	Countersunk	11.0	Knurled
M10	13.0	12.9	16.0	21.0	1.5	2 - 5	Countersunk	13.0	Knurled

Dimensions - A2 Stainless Steel:

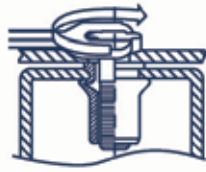
Thread	Hole size +0.1/-0.0mm	Body diameter (D) +0.07/-0.1mm	Head diameter (mm) (B)	Overall length (mm) (L)	Head thickness (mm) (S)	Grip range (mm) (e)	Head style	(r) Dimension (mm)	Body Style
M3	5.0	4.9	7.5	12.0	1.5	1.5 - 3	Countersunk	7.5	Knurled
M4	6.0	5.9	9.0	12.0	1.5	1.5 - 3	Countersunk	7.5	Knurled
M5	7.0	6.9	10.0	13.0	1.5	1.5 - 3.5	Countersunk	7.8	Knurled
M6	9.0	8.9	12.0	15.5	1.5	1.5 - 4	Countersunk	9.0	Knurled
M8	11.0	10.9	14.0	18.5	1.5	2 - 4.5	Countersunk	12.0	Knurled

How to specify part numbers for Blind Rivet Nuts: Thread - Head - Style - Material - Body

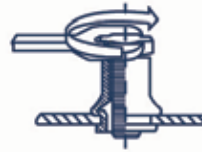
Example: M6, countersunk head, open end, steel, knurled body = M6 - CSK - OE - ST - KG



Proof load



Direct torque



Torque out



Shear strength

Table 1: Proof load for thread

Unit: N

Rivet nut	Mechanical chart		M3	M4	M5	M6	M8	M10	M12
Round & hex, flat & reduced countersunk head	Proof load	Steel/ Stainless steel	3900	6800	11500	16500	25000	32000	34000
		Aluminium	1900	4000	6500	7800	12300	17500	-

Table 2: Direct torque

Unit: N.m

Thread size	M3	M4	M5	M6	M8	M10	M12
Steel/Inox flat head, round & hex	2	5	8.5	15	26	50	80
Steel/Inox countersunk head, round & hex	1	4	8	15	26	45	70
Steel/Inox reduced head, round & hex	1	3	6	11	20	32	50
Aluminium flat & reduced countersunk head round body	0.7	2.5	5	8	20	25	-

Table 3: Torque out

Unit: N.m

Thread size	M3	M4	M5	M6	M8	M10	M12
Steel/Inox flat head, round & hex	0.5	1	2	4.5	5.5	11	30
Steel/Inox reduced countersunk head, round	0.4	0.8	1.5	3.5	4.5	8.5	24
Aluminium flat head, round body	0.25	0.9	1.5	3.5	5	6.5	21
Aluminium reduced countersunk, round body	0.2	0.7	1.2	2.5	4	5	16

Table 4: Shear strength

Unit: N

Rivet nut	Mechanical chart		M3	M4	M5	M6	M8	M10	M12
Round & hex, flat & reduced countersunk head	Shearing	Steel/ Stainless steel	900	1500	2000	3000	4400	5000	6500
		Aluminium	600	1000	1200	2000	2400	3800	-

All data on this page is for reference only.



Spacers and Pillars

Range: F/F Female/Female • M/F Male/Female • M/M Male/Male • Thru Hole

Materials: Steel • Stainless Steel • Brass • Aluminium • Black Nylon • White Nylon



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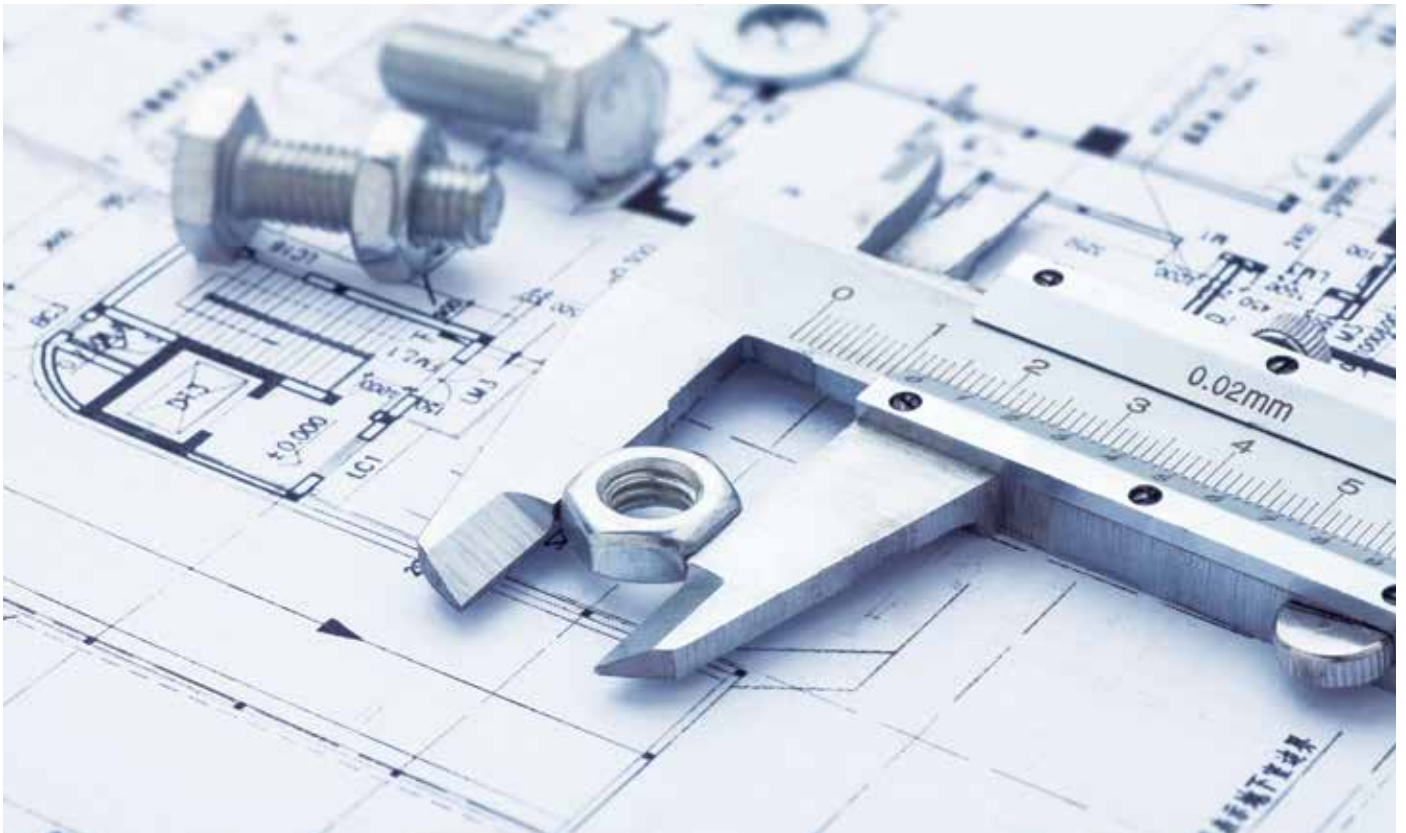
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