

Round Tip R ▶
Round Head ▶
Hex Socket Round Head ▶

Locating Bolts

Code	Type	Thread	Material		Hardness	Surface Treatment	Accessories (Nut 1 pc.)	
			GB	Equiv.			Material	Surface Treatment
PBE01	Round Tip R	Coarse Thread	45	S45C	43HRC~	Black Oxide	SS400	Bright Chromate Plating
PBE02			0Cr18Ni9	SUS304	—	Electroless Nickel Plating	SUS304 Equiv.	Trivalent Chromate
PBE11		Fine Thread	9Cr18Mo	SUS440C	—	—	—	—
PBE21			45	S45C	—	Black Oxide	SS400	Bright Chromate Plating
PBE22	Round Head	Coarse Thread	45	S45C	43HRC~	Electroless Nickel Plating	SUS440C Equiv.	Trivalent Chromate
PBE26			0Cr18Ni9	SUS304	—	—	—	—
PBE31		Fine Thread	9Cr18Mo	SUS440C	—	—	—	—
PBE32			45	S45C	—	Black Oxide	SS400	Bright Chromate Plating
PBE36	Hex Socket Round Head	Coarse Thread	45	S45C	43HRC~	Electroless Nickel Plating	SUS440C Equiv.	Trivalent Chromate
PBE41			0Cr18Ni9	SUS304	—	—	—	—
PBE51		Fine Thread	9Cr18Mo	SUS440C	—	—	—	—
PBE52			45	S45C	—	Black Oxide	SS400	Bright Chromate Plating
PBE56	Hex Socket Round Head	Coarse Thread	45	S45C	43HRC~	Electroless Nickel Plating	SUS440C Equiv.	Trivalent Chromate
PBE61			0Cr18Ni9	SUS304	—	—	—	—
PBE62		Fine Thread	9Cr18Mo	SUS440C	—	—	—	—
PBE71			45	S45C	—	Black Oxide	SS400	Bright Chromate Plating
PBE76			9Cr18Mo	SUS440C	—	Electroless Nickel Plating	SUS440C Equiv.	Trivalent Chromate

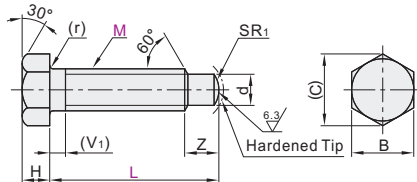


□ Nut T/T₁ Dimension

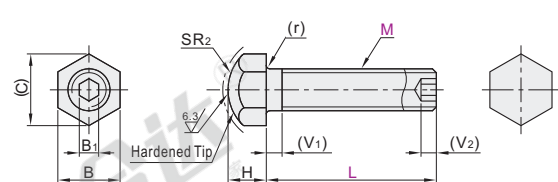
M	T (Coarse Thread)	T ₁ (Fine Thread)
4	3.2	3.2
5	4	4
6	5	5
8	6.5	6.5
10	8	8
12	10	10
16	13	13

- ① SUS440C material may be discolored by hardening. ② The hardness in the table refers to the tip Hardened.
③ If there is requirement of rust prevention, please choose stainless steel materials or electroless nickel-plated products firstly. ④ SUS304 material without hardening.

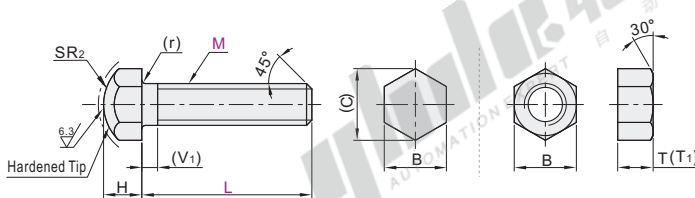
Round Tip R
PBE01/02/06/11/21/22/26



Hex Socket Round Head
PBE61/62/66/71/76



Round Head
PBE31/32/36/41/51/52/56



Included Nuts

□ Locating Bolt Dimension

M	M×Pitch		H	B	(C)	SR ₁	d	Z	SR ₂	(V ₁)	(r)	B ₁	(V ₂)
	Coarse Thread	Fine Thread											
4	4×0.7	4×0.5	2.8	7	8.1	3	2	3	8	2.1	0.2	2.2	2.2
5	5×0.8	5×0.5	3.5	8	9.2	4	3	4.5	3.5	10	3	0.3	3
6	6×1.0	6×0.75	4	10	11.5	5	4	6	5	12	3.7	0.4	4
8	8×1.25	8×0.75	5.5	13	15.0	6	5	7	5.5	16	4.5	0.5	5
10	10×1.5	10×1.0	7	17	19.6	8	7	9	7	20	5.2	0.6	6
12	12×1.75	12×1.0	8	19	21.9	9	8	10	8	25	6	0.6	—
16	16×2.0	16×1.5	10	24	27.7	10	12	12	9	25	6	0.6	—



□ Round Tip R

Part Number		L Selection											
Code	M	PBE01/PBE21						PBE02/PBE06/PBE11/PBE22/PBE26					
PBE01	4	15	20	25	30	35	40	20	25	30	35	40	50
PBE02	5	15	20	25	30	35	40	20	25	30	35	40	50
PBE06	6	15	20	25	30	35	40	20	25	30	35	40	50
PBE11	8	15	20	25	30	35	40	20	25	30	35	40	50
PBE21	10				30	35	40	20	25	30	35	40	50
PBE22	12				30	35	40	20	25	30	35	40	50
PBE26	16				30	35	40	20	25	30	35	40	50

□ Round Head

Part Number		L Selection											
Code	M	PBE31/PBE51						PBE32/PBE36/PBE41/PBE52/PBE56					
PBE31	4	15	20	25	30	35	40	20	25	30	35	40	50
PBE32	5	15	20	25	30	35	40	20	25	30	35	40	50
PBE36	6	15	20	25	30	35	40	20	25	30	35	40	50
PBE41	8	15	20	25	30	35	40	20	25	30	35	40	50
PBE51	10				30	35	40	20	25	30	35	40	50
PBE52	12				30	35	40	20	25	30	35	40	50
PBE56	16				30	35	40	20	25	30	35	40	50

□ Hex Socket Round Head

Part Number		L Selection											
Code	M												
PBE61	4	20											
PBE62	5	20											
PBE66	6	20	25	30	35	40	50						
PBE71	8		25	30	35	40	50	60					
PBE76	10		30	35	40	50	60	70					
	12		40	50	60	70	80						



Please order as shown

□ Hex Socket Round Head

Part Number		L Selection	
Code	M		
PBE61	4	20	
PBE62	5	20	
PBE66	6	20	25 30

PBE61—M6—L25



● Discount price
Per 1~10 11~
Price 100% Additional quotation



Delivery
10