INTERCHANGEABLE BIT

BIT POWER/HAND TORQUE TOOLS

How to select bits

After determining the torque driver, select a bit according to the following instructions:

1. Select root shape from adapting models.
2. Check the screw head (plus, minus, hexagon socket head, cap screw or set screw).
   See Table A and B.
3. Major screws are shown in Table A and B.

⊕ PHILLIPS

⊖ SLOTTED

◎ BOX

○ HEX

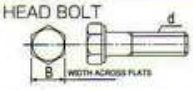
□ SQ. DR

✱ HEXALOBULAR

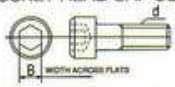
Head shape of bolts (reference)

Table A

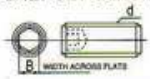
■ HEX HEAD BOLT



■ HEX SOCKET HEAD CAP SCREW



■ HEX SOCKET SET SCREW



NOMINAL SIZE (d)	OPPOSITE SIZE OF HEX BOLT (B)	OPPOSITE SIZE OF SOCKET HEAD BOLT (B)	OPPOSITE SIZE OF SET SCREW (B)
M 2.5	5.0	2	1.27
M 3	5.5	2.5	1.5
(M 3.5)	6	–	–
M 4	7	3	2
(M 4.5)	8	–	–
M 5		4	2.5
M 6	10	5	3
(M 7)	11	–	–
M 8	13	6	4
M10	16 17	8	5
REF JIS	JISB 1180	JISB 1176	JISB 1177

■SIZE OF (+) BIT

Table B

NO. OF CROSS NOMINAL SIZE OF SCREW (d)	HOLE	REMARKS
M1.6,M2	#0 (S-0)	PAN HEAD, FLAT HEAD, OVAL HEAD AND
(M2),(M2.2),M2.5,(M3)	#1 (H-1)	BINDING HEAD MACHINE SCREW
M3,(M3.5),M4,(M4.5),M5	#2 (H-2)	M3, #1 is binding head machine screw only.
M6,M8	#3 (H-3)	M2, #1 is not adapted in ISO

How to order :

Indicate the model name and catalog No.

(EXAMPLE) MODEL NAME ⊕BIT A - 0 CATALOG NO. 104

Root Shape Sign | Point Shape Sign

POINT SHAPE									
PLUS		MINUS		SQUARE		BOX		HEX	
SIGN	SIZE	SIGN	SIZE	SIGN	SIZE	SIGN	SIZE	SIGN	SIZE
0	#0 (S-0)	10	0.15× 1	□2	□6.35(1/4)	W 5.5	5.5	W1.27	1.27
1	#1 (H-1)	11	0.2 × 1.5	□3	□9.5 (3/8)	W 6	6	W1.5	1.5
2	#2 (H-2)	12	0.3 × 2			W 7	7	W2	2
3	#3 (H-3)	13	0.4 × 2.4			W 8	8	W2.5	2.5
4	#4 (H-4)	14	0.6 × 3.8			W10	10	W3	3
		15	0.7 × 7					W4	4
		16	0.9 × 7					W5	5
		17	1 ×10					W6	6
		18	1 ×12					W8	8
		19	1.2 ×17						
		20	1.6 ×10						
		21	1.2 × 8						

POINT SHAPE HEXALOBULAR			
SIGN	FLAT HEAD	SOCKET HEAD	SET SCREW
T5	M2		M2.5
T6	M2		M3
T7			M3.5
T8	M2.5	M2.5	M4
T9			M4.5
T10	M3	M3	M5
T15	M3.5	M3.5	
T20	M4	M4／M4.5	M6