

# Applicable standard screw with Handy series Screws Fasteners

Screw type				Small screws, tapping screws																													
				Pan		Round		Flat Cylinder		Fillister		Flat		Oval		Binding		Brazier		Truss													
Screw Head Shapes																																	
				A		A		A		A		B <sub>1</sub>		B <sub>1</sub>		B <sub>2</sub>		B <sub>2</sub>		C		C											
Screw Head Categories				A						B <sub>1</sub>						B <sub>2</sub>						C											
Screw shank diameter(d)				M 2		M2.5				M 3				M3.5				M 4				M 5				M 6							
Screw head shapes				A	B <sub>1</sub>	B <sub>2</sub>	C	A	B <sub>1</sub>	B <sub>2</sub>	C	A	B <sub>1</sub>	B <sub>2</sub>	C	A	B <sub>1</sub>	B <sub>2</sub>	C	A	B <sub>1</sub>	B <sub>2</sub>	C	A	B <sub>1</sub>	B <sub>2</sub>	C	A	B <sub>1</sub>	B <sub>2</sub>	C		
Screw head diameter (D)				3.5	4	4.3	4.5	4.5	5	5.3	5.7	5.5	6	6.4	6.9	6	7	7.4	8.1	7	8	8.5	9.4	9	10	10.6	11.8	10.5	12	12.4	—		
Screw head diameter tolerance				-0.4						-0.5						-0.6						-0.7											
Spring-washer diameter				—						—						—						—											
Spring-washer thickness				—						—						—						—											
Flat washer diameter				—						—						—						—											
Flat washer thickness				—						—						—						—											
Screw nominal length (ℓ)				*1: Minimum		5	8	6	6	6	8	8	8	6	10	8	10	8	12	10	12	8	12	10	12	12	15	14	16	14	18	16	—
				*2: Typical		12	18	19	22	21	20	25	18	25	23	25	25	22	25	25	25	25	25	25	25	25	25	25	25	25	25	25	—
				*3: Maximum		20		25				25				25				25				25									
Model No.				Hopper capacity																													
MK-3020				450cc																													
MK-3150V				450cc																													
MK-3110V				1,500cc																													
Driver				Air driver		Part No		Torque (Nm)		Road speed (r.p.m)																							
						35		1.1.5.2.0		2,000																							
						40 S		1.1.5.2.0		2,300																							
						40		1.5.20.2.5		1,400																							
50		20.25.3.0		1,400																													

Sems screws			Double Sems screws						Wooden screws					Remarks			
Pan	Binding	Brazier	Pan	Binding	Brazier	Round	Flat	Oval									
A(S)	B <sub>2</sub> (S)		A(WS)	B <sub>2</sub> (WS)			A(W)	B <sub>1</sub> (W)									
2.5	3	4	5	2.5	3	4	5	2.1	2.4	2.7	3.1	3.5					
A	B <sub>2</sub>	A	B <sub>2</sub>	A	B <sub>2</sub>	A	B <sub>2</sub>	A	B <sub>2</sub>	A	B <sub>1</sub>	A	B <sub>1</sub>	A	B <sub>1</sub>	A	B <sub>1</sub>
4.5	5.3	5.5	6.4	7	8.5	9	10.6	4.5	5.5	5.5	6.4	7	8.5	9	10.6	3.9	4.2
-0.4	-0.5	-0.5	-0.6	-0.5	-0.4	-0.5	-0.5	-0.6	-0.6	±0.21	-0.4	±0.2	-0.4	±0.2	-0.4	±0.25	-0.5
4.8	5.5	7	8.5	4.8	5.5	7	8.5										
0.6	0.7	1.0	1.3	0.6	0.7	1.0	1.3										
				6.5	7	9	10										
				0.5	0.5	0.8	0.8										
6	8	8	10	10	12	12	14	10	10	12	12	14	16	6	8	8	8
22	20	18	23	22	25	25	25	25	25	25	25	25	25	16	22	22	21
25	25	25	25	25	25	25	25	25	25	25	25	25	25	16	25	25	25

\*1 See page 4 for screws whose length is shorter than the minimum listed here.

\*2 Maximum standard value is the nominal screw length usable with a standard Y pipe. For example, a screw with a length (ℓ) of 6 to 18, and screws longer than 18 cannot both be used on model 30A.

\*3 Maximum length is maximum screw length that can be supplied. Screw length (ℓ) up to 40 can be supplied in custom models (ℓ = 25 for models 3150V). However, screw length (ℓ) up to 40 can be fastened with a custom-designed Handy.

• The screws shown within the yellow box in the table on the left are a special type so please consult with us if these are needed.

• Please consult us for screws not shown in the table on the left such as hex socket head bolts or torque-adjusting screws, etc.

• Maximum screw length that can be supplied in custom models is 25 mm.

• Maximum screw length that can be supplied is 50 mm.

• Shank diameter φ 8. Maximum screw length that can be supplied is 50 mm.

• Air driver output torque is shown as the maximum output torque of each spring (strong, medium, weak).