




















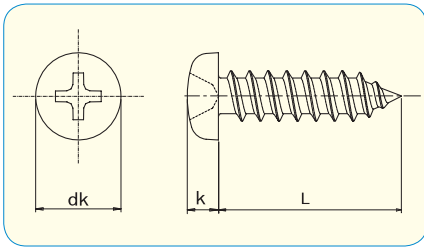


4. TAPPING SCREWS

	CROSS RECESS PAN HEAD TAPPING SCREW Class1, Type A	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.2~
	CROSS RECESS FLAT HEAD TAPPING SCREW Class1, Type A	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.4~
	CROSS RECESS OVAL HEAD TAPPING SCREW Class1, Type A	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.6~
	CROSS RECESS TRUSS HEAD TAPPING SCREW Class1, Type A	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.8~
	CROSS RECESS BINDING HEAD TAPPING SCREW Class1, Type A	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.10~
	CROSS RECESS PAN HEAD TAPPING SCREW Class2 with Cut, Type B1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.12~
	CROSS RECESS FLAT HEAD TAPPING SCREW Class2 with Cut, Type B1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.14~
	CROSS RECESS OVAL HEAD TAPPING SCREW Class2 with Cut, Type B1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.16
	CROSS RECESS TRUSS HEAD TAPPING SCREW Class2 with Cut, Type B1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.17
	CROSS RECESS BINDING HEAD TAPPING SCREW Class2 with Cut, Type B1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.18~

	CROSS RECESS PAN HEAD TAPPING SCREW Class3, Type C0	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.20
	CROSS RECESS FLAT HEAD TAPPING SCREW Class3, Type C0	Stainless Steel A2	P.21
	CROSS RECESS OVAL HEAD TAPPING SCREW Class3, Type C0	Stainless Steel A2	P.21
	CROSS RECESS TRUSS HEAD TAPPING SCREW Class3, Type C0	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.22
	CROSS RECESS PAN HEAD TAPPING SCREW Class3 with Cut, Type C1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.23
	CROSS RECESS FLAT HEAD TAPPING SCREW Class3 with Cut, Type C1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.24
	CROSS RECESS OVAL HEAD TAPPING SCREW Class3 with Cut, Type C1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.25
	CROSS RECESS TRUSS HEAD TAPPING SCREW Class3 with Cut, Type C1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.26
	CROSS RECESS BINDING HEAD TAPPING SCREW Class3 with Cut, Type C1	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.27
	Non-Sert tapping screws for soft plastic, 30 degree thread	Steel Harden Black Ni Plated , Stainless Steel A2 , Steel / Zinc 3Cr. Plated	P.28~
	CROSS RECESS PAN HEAD THREAD FORMING SCREWS B Type	Steel / Zinc 3Cr. Plated , Steel / Zinc Black 3Cr. Plated , Stainless Steel A2	P.30

CROSS RECESS PAN HEAD TAPPING SCREW Class1, type A JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class1, Type A



RoHS Directive Compliance

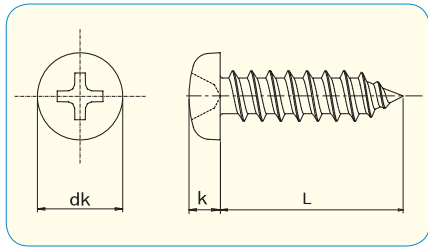
TAPPING SCREWS

	2	2.3	2.6	3	3.5	4	4.5	5	6
dk	3.5	4.0	4.5	5.5	6.0	7.0	8.0	9.0	10.5
k	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.3	3.9
Drive Size	1			2			3		

		pcs / Box								
d	L	2	2.3	2.6	3	3.5	4	4.5	5	6
3		12,000								
4		10,000	7,000	5,000	3,000					
5		8,000	6,000	5,000	3,000					
6		8,000	6,000	4,500	2,500	3,500	2,200			
8		6,000	5,000	3,500	2,200	2,500	2,000	1,500	1,000	
10		5,000	4,000	3,000	2,000	2,500	1,600	1,400	900	600
12		4,000	2,500	2,500	2,500	2,000	1,500	1,200	800	600
14			2,200	2,000	2,200	1,800	1,200		800	500
16		2,500	2,200	1,800	2,000	1,600	1,000	900	700	450
18		2,200		1,500	1,600	1,200	1,000		600	400
20		2,000	2,200	1,500	1,500	1,200	900	800	500	350
25		1,500		1,000	1,200	1,000	700	600	700	500
30				800	1,000	800	600	700	600	400
35				500	700	* 600	500	600	500	300
40				500	600	700	600	500	400	300
45					800	600	500	400	350	250
50					600	500	450	350	300	200
55							400		250	200
60						350	300		230	180
65							300		200	150
70							300		200	120
75							300		200	200
80							* 300		200	200
85										
90									250	170
95										
100									250	150

* ... Zinc 3Cr. Plated only

CROSS RECESS PAN HEAD TAPPING SCREW Class1 , type A JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class1 , Type A



RoHS Directive Compliance

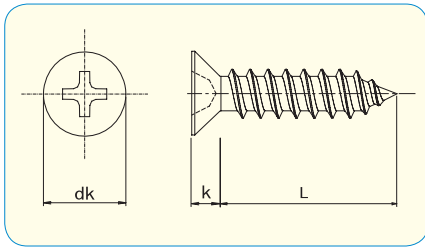


	2	2.3	2.6	3	3.5	4	4.5	5	6	8
dk	3.5	4.0	4.5	5.5	6.0	7.0	8.0	9.0	10.5	14.0
k	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.3	3.9	5.2
Drive Size	1			2				3		

		pcs / Box									
d	L	2	2.3	2.6	3	3.5	4	4.5	5	6	8
4	4	10,000	10,000	8,000							
5	5	10,000	8,000	6,000	3,000						
6	6	10,000	8,000	6,000	3,000		2,000				
8	8	8,000	5,000	5,000	2,000	2,000	1,000	1,000			
10	10	6,000	5,000	4,000	2,000	2,000	1,000	1,000	500		
12	12	6,000		3,000	2,000	2,000	1,000	1,000	500	500	
14	14	4,000		3,000	2,000	1,000	1,000		500		
16	16	4,000		3,000	1,000	1,000	1,000	500	500	200	200
18	18				1,000		500				
20	20	3,000		2,000	1,000	1,000	500	500	500	200	100
25	25				1,000	500	500	500	400	200	100
30	30				500	500	500	500	200	200	100
35	35				500	500	500	200	200	200	100
40	40				500	200	200	200	200	100	50
45	45					200	200	200	200	100	50
50	50					200	200	200	100	100	50
55	55						200		100	100	
60	60						200	100	100	100	
65	65						200	100	100	100	
70	70						200		100	100	50
75	75						200		100	100	
80	80						200		100	100	50
90	90						200		100	50	
100	100						200		100	50	

TAPPING SCREWS

CROSS RECESS FLAT HEAD TAPPING SCREW Class1, type A JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class1, Type A



RoHS Directive Compliance

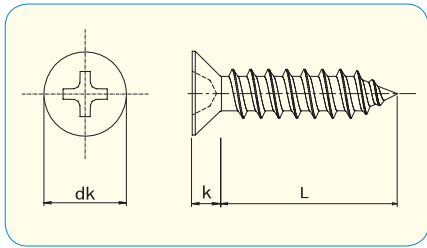
TAPPING SCREWS

	2	2.3	2.6	3	3.5	4	4.5	5	6	8
dk	4.0	4.6	5.2	6.0	7.0	8.0	9.0	10.0	12.0	16.0
k	1.20	1.35	1.50	1.75	2.00	2.30	2.55	2.80	3.40	4.40
Drive Size	1			2				3		

		pcs / Box									
d	L	2	2.3	2.6	3	3.5	4	4.5	5	6	8
4	10,000										
5	10,000										
6	9,000	6,000	5,000	3,500							
8	9,000	5,000	4,000	2,500	3,000	2,000					
10	5,000	4,000	3,000	2,200	2,500	1,800	1,500	1,100			
12	4,000	2,500	2,500	2,500	2,000	1,500	1,300	1,000	600		
14		2,200	2,000	2,500	1,800	1,200	1,000	800	500		
16	3,000	2,200	1,800	2,000	1,600	1,200	1,000	700	500		
18			1,500	1,800	1,200	1,000					
20			1,500	1,500	1,200	900	800	600	400	200	
25			1,000	1,200	1,000	700	600	700	500	220	
30			800	1,000	800	600	700	600	400	200	
35				700	600	500	600	500	300	180	
40				600	700	600	500	400	300	160	
45				800	600	500	400	350	250	150	
50				600	500	450	350	300	200	130	
55						400		250	200		
60						350	300	230	180		
65							300	200	150		
70							300	200	150		
75							300	200	200		
80							300	200	200		
85											
90							350	250	170		
95											
100							300	250	150		

* ... Zinc 3Cr. Plated only

CROSS RECESS FLAT HEAD TAPPING SCREW Class1, type A JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class1, Type A



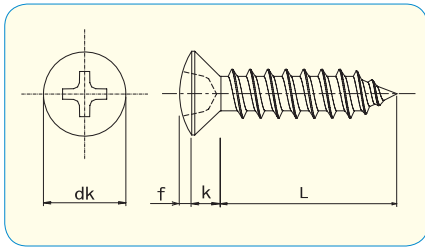
RoHS Directive Compliance



	2	2.6	3	3.5	4	4.5	5	6	8
dk	4.0	5.2	6.0	7.0	8.0	9.0	10.0	12.0	16.0
k	1.20	1.50	1.75	2.00	2.30	2.55	2.80	3.40	4.40
Drive Size	1		2				3		

		pcs / Box								
d	L	2	2.6	3	3.5	4	4.5	5	6	8
5	10,000									
6	10,000	6,000	3,000							
8	8,000	5,000	2,000	2,000	2,000					
10	6,000	4,000	2,000	2,000	1,000					
12	6,000	3,000	2,000	2,000	1,000	1,000	500			
14		3,000	2,000	1,000	1,000		500			
16	3,000	2,000	1,000	1,000	1,000	500	500	200	200	
18		2,000	1,000	1,000	500					
20		2,000	1,000	1,000	500	500	500	200	100	
25		1,000	1,000	500	500	500	500	200	100	
30		1,000	500	500	500	500	200	200	100	
35			500	500	500	200	200	200	100	
40			500	200	200	200	200	100	50	
45				200	200	200	200	100	50	
50				200	200	200	100	100	50	
55					200	400	100	100		
60					200	200	100	100	50	
65					200		100	100	50	
70					200		100	100	50	
75					200		100	100		
80					200		100	100	50	
90					200		100	50		
100					200		100	50		

CROSS RECESS OVAL HEAD TAPPING SCREW Class1, type A JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class1, Type A



RoHS Directive Compliance

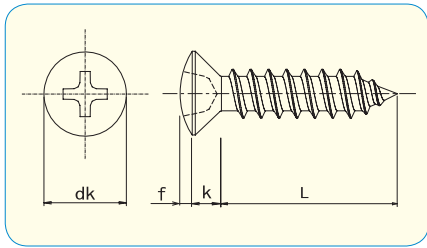
TAPPING SCREWS

	2	2.3	2.6	3	3.5	4	4.5	5	6
dk	4	4.6	5.2	6	7	8	9	10	12
k	1.2	1.35	1.5	1.75	2	2.3	2.55	2.8	3.4
f	0.4	0.5	0.6	0.7	0.8	0.9	1	1.2	1.4
Drive Size	1			2			3		

		pcs / Box								
d	L	2	2.3	2.6	3	3.5	4	4.5	5	6
5	10,000									
6	8,000			5,000	2,500					
8	6,000	5,000	3,500	2,200	3,000	2,000				
10	5,000		3,000	2,000	2,500	1,600	1,400	900		
12		2,500	2,500	2,500	2,000	1,500	1,200	800		
14				2,200	1,800	1,200				
16			1,800	2,000	1,600	1,000	900	700	450	
18				1,600	1,200			600		
20				1,500	1,200	900	800	500	350	
25				1,200	1,000	700	600	700	500	
30				1,000	800	600	700	600	400	
35				700	600	500	600	500	300	
40				600	700	600	500	400	300	
45					600	500	400	350	250	
50				600	500	450	350	300	200	
55						400				
60						300		230		
65						300		200		
70						300				
75						300				
80						300				
85										
90						300				

* ... Zinc 3Cr. Plated only

CROSS RECESS OVAL HEAD TAPPING SCREW Class1 , type A JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class1 , Type A



RoHS Directive Compliance

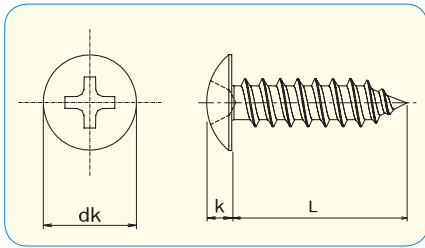


	2	2.6	3	3.5	4	4.5	5	6
dk	4	5.2	6	7	8	9	10	12
k	1.2	1.5	1.75	2	2.3	2.55	2.8	3.4
f	0.4	0.6	0.7	0.8	0.9	1	1.2	1.4
Drive Size	1			2				3

		pcs / Box							
L \ d	2	2.6	3	3.5	4	4.5	5	6	
6	10,000								
8		5,000	2,000	2,000	2,000				
10		4,000	2,000	2,000	1,000				
12		3,000	2,000	2,000	1,000	1,000	500		
14		3,000	2,000	1,000					
16		2,000	1,000	1,000	1,000	500	500	200	
18									
20		2,000	1,000	1,000	500	500	500	200	
25		1,000	1,000	500	500	500	400	200	
30		1,000	500	500	500	500	200	200	
35					500		200	200	
40					200		200	100	
45					200		200	100	
50					200	200	100	100	
55					200		200		
60					200		100		
65							100		
70							100		
75							100		

TAPPING SCREWS

CROSS RECESS TRUSS HEAD TAPPING SCREW Class1, type A JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class1, Type A



RoHS Directive Compliance

TAPPING SCREWS

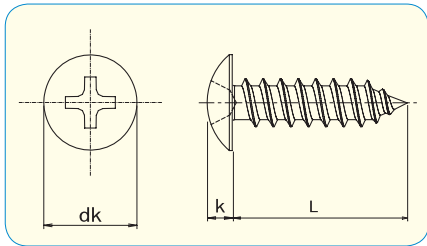
	2	2.6	3	3.5	4	4.5	5	6
dk	4.5	5.9	6.9	8.1	9.4	10.6	11.8	14
k	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.7
Drive Size	1			2			3	

		pcs / Box							
d	L	2	2.6	3	3.5	4	4.5	5	6
5		7,000		2,500					
6		6,000	3,500	2,200	2,500	1,600			
8		5,000	3,000	1,800	2,000	1,500		800	
10		4,000	2,500	1,800	1,800	1,200	1,000	800	400
12		3,000	2,000	2,200	1,600	1,200	1,000	700	400
14				2,000	1,400	1,000		600	400
16			1,500	1,800	1,200	900	800	500	350
18				1,500	1,000	800		450	
20			1,200	1,400	1,000	700	600	450	300
25				1,000	800	600	500	500	400
30				800	600	500	600	500	300
35				700	500	400	500	400	300
40				500	600	500	400	350	250
45				700	500	450	350	300	200
50				600	450	400	300	250	180
55						350		230	150
60					300	300		200	150
65						250		180	120
70						250		180	120
75						200		150	160
80						200		150	160
85									
90						200		130	150
95									
100						200		130	150

* ... Zinc 3Cr. Plated only



CROSS RECESS TRUSS HEAD TAPPING SCREW Class1 , type A JIS B 1122



● **Material**
Stainless Steel A2

● **Thread**
Class1 , Type A



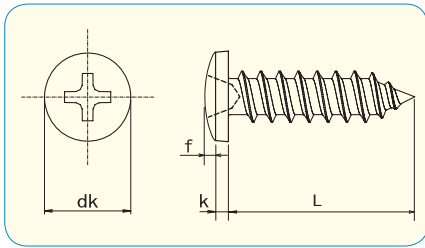
RoHS Directive Compliance



	2.6	3	3.5	4	4.5	5	6	8
dk	5.9	6.9	8.1	9.4	10.6	11.8	14	17.8
k	1.6	1.9	2.2	2.5	2.8	3.1	3.7	4.8
Drive Size	1		2				3	

		pcs / Box							
d	L	2.6	3	3.5	4	4.5	5	6	8
5			2,000						
6			2,000		1,000				
8		3,000	2,000	2,000	1,000		500		
10		3,000	2,000	1,000	1,000	1,000	500		
12			2,000	1,000	1,000	500	500	200	
14			1,000	1,000	500	500	500		
16			1,000	1,000	500	500	500	200	200
18				500					
20			1,000	500	500	500	400	200	100
25			500	500	500	500	200	200	100
30			500	500	500	200	200	200	100
35				500	200	200	200	100	50
40				200	200	200	200	100	50
45				200	200	200	100	100	50
50				200	200	200	100	100	50
55					200		100	100	
60					200		100	100	50
65					200		100	100	
70					200		100	100	50
75					200		100		
80							100		50

CROSS RECESS BINDING HEAD TAPPING SCREW Class1 , type A JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class1 , Type A



RoHS Directive Compliance

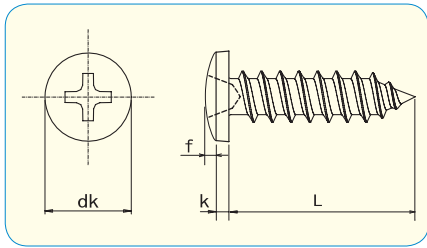
TAPPING
SCREWS

	2	2.6	3	3.5	4	4.5	5	6
dk	4.3	5.5	6.3	7.3	8.3	9.3	10.3	12.4
k+f	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.7
Drive Size	1		2				3	

		pcs / Box							
d	L	2	2.6	3	3.5	4	4.5	5	6
5		7,000	4,000	2,500					
6		6,000	3,500	2,200	2,500	1,600			
8		5,000	3,000	1,800	2,000	1,500		800	
10		4,000	2,500	1,800	1,800	1,200	1,000	800	
12			2,000	2,200	1,600	1,200	1,000	700	400
14				2,000	1,400	1,000	800	600	
16			1,500	1,800	1,200	900	800	500	350
18				1,500	1,000	800		450	
20				1,400	1,000	700	600	450	300
25				1,000	800	600	500	500	400
30				800	600	500	600	500	300
35				700	500	400	500	400	300
40					600	500	400	350	250
45					500	450		300	200
50					450	500	300	250	180
55									
60								200	
65									
70						300		180	
75								150	

* ... Zinc 3Cr. Plated only

CROSS RECESS BINDING HEAD TAPPING SCREW Class1, type A JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class1, Type A



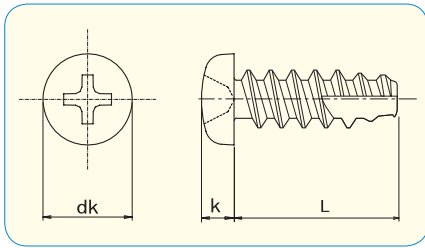
RoHS Directive Compliance



	2.6	3	3.5	4	4.5	5	6
dk	5.5	6.3	7.3	8.3	9.3	10.3	12.4
k+f	1.6	1.9	2.2	2.5	2.8	3.1	3.7
Drive Size	1	2				3	

		pcs / Box						
d	L	2.6	3	3.5	4	4.5	5	6
6			2,000					
8			2,000	1,000	1,000			
10			2,000	1,000	1,000	1,000	500	
12		3,000	2,000	1,000	1,000	500	500	200
14		2,500	1,000	1,000	500	500		
16		2,000	1,000	1,000	500	500	500	200
18								
20			1,000	500	500	500	400	200
25			500	500	500	500	200	200
30			1,000	500	500	200	200	200
35					200		200	100
40					200		200	
45					200			
50					200			

CROSS RECESS PAN HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class2 with Cut , Type B1



RoHS Directive Compliance

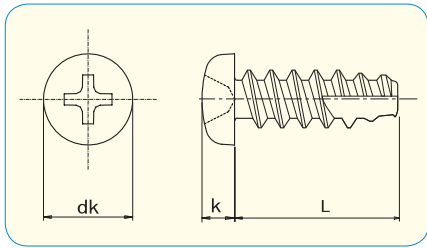
TAPPING SCREWS

	2	2.3	2.6	3	3.5	4	4.5	5	6
dk	3.5	4.0	4.5	5.5	6.0	7.0	8.0	9.0	10.5
k	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.3	3.9
Drive Size	1			2				3	

		pcs / Box								
d	L	2	2.3	2.6	3	3.5	4	4.5	5	6
3		12,000								
4		10,000	7,000	5,000	3,000					
5		8,000	6,000	5,000	3,000	3,500	2,500			
6		8,000	6,000	4,500	2,500	3,500	2,200	1,500		
8		6,000	5,000	3,500	2,200	2,500	2,000	1,500	1,000	
10		5,000	4,000	3,000	2,000	2,500	1,600	1,400	900	600
12		4,000	2,500	2,500	2,500	2,000	1,500	1,200	800	600
14		3,000	2,200	2,000	2,200	1,800	1,200	1,000	800	500
16		2,500	2,200	1,800	2,000	1,600	1,000	900	700	450
18		2,200	2,000	1,500	1,600	1,200	1,000		600	
20		2,000	1,500	1,500	1,500	1,200	900	800	500	350
25		1,500		1,000	1,200	1,000	700	600	700	500
30					1,000	800	600		600	400
35					700	600	500		500	300
40					600		600		400	300
45							500		300	
50					* 600		450		300	200
55							400			
60							300			
70										120

* ... Zinc 3Cr. Plated only

CROSS RECESS PAN HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class2 with Cut , Type B1



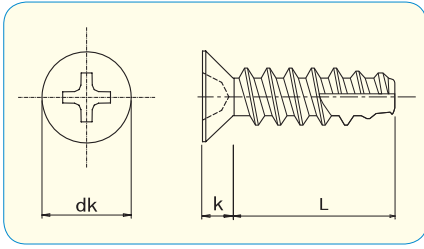
	2	2.6	3	3.5	4	4.5	5	6
dk	3.5	4.5	5.5	6.0	7.0	8.0	9.0	10.5
k	1.3	1.7	2.0	2.3	2.6	2.9	3.3	3.9
Drive Size	1			2				3



TAPPING
SCREWS

		pcs / Box							
d	L	2	2.6	3	3.5	4	4.5	5	6
4	4	10,000							
5	5	10,000	6,000	3,000					
6	6	10,000	6,000	3,000	2,000	2,000			
8	8	8,000	5,000	2,000	2,000	1,000		1,000	
10	10	6,000	4,000	2,000	2,000	1,000	1,000	500	
12	12	6,000	3,000	2,000	2,000	1,000	1,000	500	500
14	14		3,000	2,000		1,000		500	
16	16			1,000	1,000	1,000	500	500	200
18	18					500			
20	20			1,000	1,000	500	500	500	200
25	25			1,000		500	500	400	200
30	30					500	500	200	
35	35					500	200	200	
40	40					200	200		
45	45					200			
50	50					200			

CROSS RECESS FLAT HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class2 with Cut , Type B1



RoHS Directive Compliance

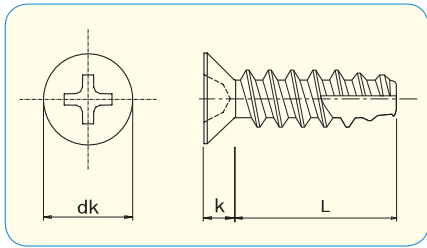
TAPPING SCREWS

	2	2.3	2.6	3	3.5	4	5	6
dk	4.0	4.6	5.2	6.0	7.0	8.0	10.0	12.0
k	1.20	1.35	1.50	1.75	2.00	2.30	2.80	3.40
Drive Size	1			2			3	

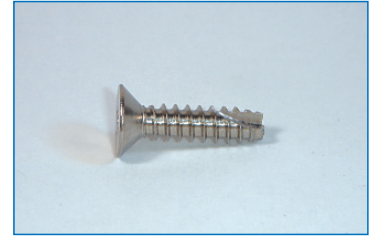
		pcs / Box							
d	L	2	2.3	2.6	3	3.5	4	5	6
4		12,000							
5		10,000			4,000				
6		9,000	6,000	5,000	3,500	4,000			
8		7,000	5,000	4,000	2,500	3,000	2,000		
10		5,000	4,000	3,000	2,200	2,500	1,800	1,100	
12		4,000	3,000	2,500	2,500	2,000	1,500	1,000	600
14		3,500	2,200	2,000	2,500	1,800	1,200		
16		2,500	2,000	1,800	2,000	1,600	1,200	700	500
18			2,000	1,600	1,800		1,000		
20			1,500	1,500	1,500	1,200	900	600	400
25					1,200	1,000	700	700	500
30					1,000		600	600	400
35							500	500	300
40							600	400	300
45									
50								300	
55									
60									
65									
70									
75									
80									
85									
90									
95									
100									

* ... Zinc 3Cr. Plated only

CROSS RECESS FLAT HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class2 with Cut , Type B1



	2.6	3	4	5
dk	5.2	6.0	8.0	10.0
k	1.50	1.75	2.30	2.80
Drive Size	1	2		

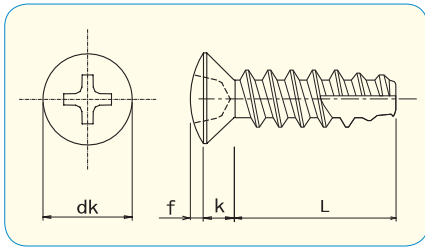


RoHS Directive Compliance

TAPPING
SCREWS

		pcs / Box			
d	L	2.6	3	4	5
6		6,000	3,000		
8		6,000	2,000	2,000	
10		4,000	2,000	1,000	
12		3,000	2,000	1,000	500
14			2,000	1,000	
16			1,000	1,000	500
20			1,000	500	500
25				500	500
30				500	200
35				500	
40				200	

CROSS RECESS OVAL HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- Thread
Class2 with Cut , Type B1



RoHS Directive Compliance

TAPPING
SCREWS

	2	2.6	3	3.5	4	5
dk	4	5.2	6	7	8	10
k	1.2	1.5	1.75	2	2.3	2.8
f	0.4	0.6	0.7	0.8	0.9	1.2
Drive Size	1		2			

• Material · plating

Steel / Zinc 3Cr. Plated

Steel / Zinc Black 3Cr. Plated

		pcs / Box					
L	d	2	2.6	3	3.5	4	5
6			4,500	2,500			
8			3,500	2,200	2,500	2,000	
10		5,000	3,000	2,000	2,500	1,600	900
12				2,500	2,000	1,500	800
14				2,200		1,200	
16				2,000	1,600	1,000	700
20				1,500	1,000	900	500
25				1,200	1,000	700	700
30				1,000		600	
35						500	
40						600	

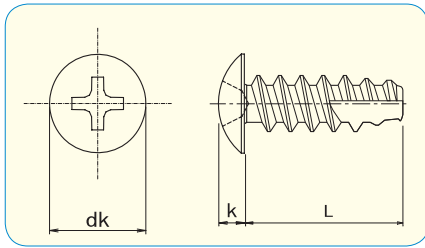
* ... Zinc 3Cr. Plated only

• Material

Stainless Steel A2

		pcs / Box
L	d	4
10		1,000

CROSS RECESS TRUSS HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



● **Thread**
Class2 with Cut , Type B1



	2	2.6	3	3.5	4	4.5	5	6
dk	4.5	5.9	6.9	8.1	9.4	10.6	11.8	14
k	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.7
Drive Size	1			2			3	



TAPPING
SCREWS

● **Material - plating**

Steel / Zinc 3Cr. Plated

Steel / Zinc Black 3Cr. Plated

		pcs / Box							
L \ d	2	2.6	3	3.5	4	4.5	5	6	
4	8,000		2,500						
5	7,000	4,000	2,500						
6	6,000	3,500	2,200	2,500	1,600				
8	5,000	3,000	1,800	2,000	1,500	* 1,200	800		
10	4,000	2,500	1,800	1,800	1,200	1,000	800	450	
12	3,500	2,000	2,200	1,600	1,200	1,000	700	400	
14			2,000	1,400	1,000		600		
16			1,800	1,200	900	800	500	350	
18			1,500	1,000	800		* 500		
20			1,400	1,000	700	600	450	300	
25			1,000	800	600		500	400	
30				600	500		500	300	
35					400		400		
40					500		350		
60					300				

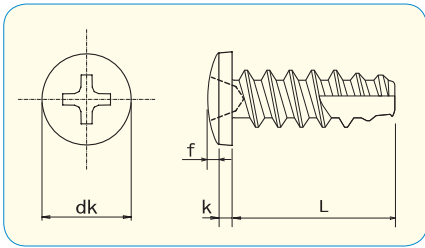
* ... Zinc 3Cr. Plated only

● **Material**

Stainless Steel A2

		pcs / Box			
L \ d	3	4	5	6	
6	2,000	1,000			
8	2,000	1,000	500		
10	2,000	1,000	500		
12	2,000	1,000	500	200	
14		500			
16	1,000	500	500	200	
18		500			
20	1,000	500	400	200	
25		500	200	200	
30		500	200	200	
35		200			
40		200		100	
45		200			

CROSS RECESS BINDING HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- **Material · plating**
Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

- **Thread**
Class2 with Cut , Type B1



RoHS Directive Compliance

TAPPING SCREWS

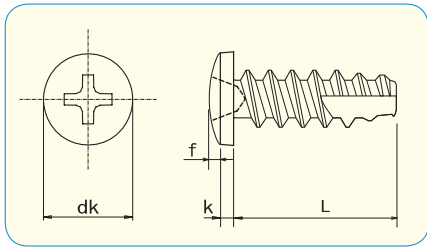
	2	2.6	3	3.5	4	4.5	5	6
dk	4.3	5.5	6.3	7.3	8.3	9.3	10.3	12.4
k+f	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.7
Drive Size	1		2				3	

		pcs / Box							
d	L	2	2.6	3	3.5	4	4.5	5	6
3		10,000							
4		8,000	4,000	2,500					
5		7,000	4,000	2,500		1,600			
6		7,000	3,500	2,200	2,500	1,600	1,200		
8		5,000	3,000	1,800	2,000	1,500	1,200	800	
10		4,000	2,500	1,800	1,800	1,200	1,000	800	
12		3,500	2,000	2,200	1,600	1,200	1,000	700	400
14				2,000	1,400	1,000	900	600	
16			1,500	1,800	1,200	900	800	500	350
18				1,500	1,000	800			
20			1,200	1,400	1,000	700	600	450	300
25				1,000	800	600	500	500	400
30				800		500		500	300
35				700	500	400			
40					600	500			
45					500				
50					450				

* ... Zinc 3Cr. Plated only



CROSS RECESS BINDING HEAD TAPPING SCREW Class2 with Cut , type B1 JIS B 1122



- **Material**
Stainless Steel A2
- **Thread**
Class2 with Cut , Type B1



	3	3.5	4	5
dk	6.3	7.3	8.3	10.3
k+f	1.9	2.2	2.5	3.1
Drive Size	2			

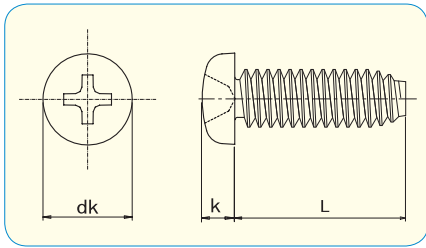


RoHS Directive Compliance

TAPPING
SCREWS

		pcs / Box			
L \ d	3	3.5	4	5	
6	2,000	2,000			
8	2,000		1,000		
10	2,000		1,000		
12	2,000		1,000	500	
14	1,000		500		
16	1,000	1,000	500		
18					
20	1,000		500		
25			500		
30	500		500		

CROSS RECESS PAN HEAD TAPPING SCREW Class3 , type C0 JIS B 1122



● Thread
Class3 , Type C0



RoHS Directive Compliance



TAPPING
SCREWS

	3	4	5	6
dk	5.5	7.0	9.0	10.5
k	2.0	2.6	3.3	3.9
Drive Size	2			3

● Material · plating

Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

		pcs / Box	
L \ d	4	5	
8	2,000		
14			
16		700	
20		500	

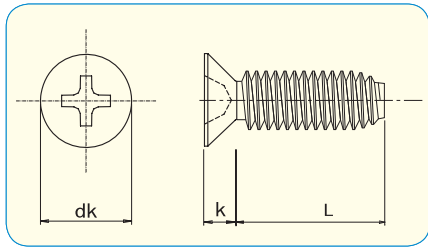
* ... Zinc 3Cr. Plated only

● Material

Stainless Steel A2

		pcs / Box			
L \ d	3	4	5	6	
6	2,000	2,000			
8	2,000	1,000	1,000		
10	2,000	1,000	500		
12		1,000	500	500	
14		1,000			
16		1,000	500		
18		1,000			
20		1,000	500		
25		500	500		
30		500	500		
35		500	500		
40		200			

CROSS RECESS FLAT HEAD TAPPING SCREW Class3 , type C0 JIS B 1122



● **Material**
Stainless Steel A2

● **Thread**
Class3 , Type C0



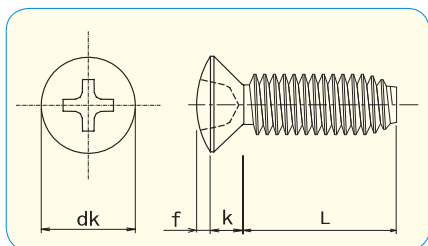
RoHS Directive Compliance



	3	4	5
dk	6.0	8.0	10.0
k	1.75	2.30	2.80
Drive Size	2		

		pcs / Box		
L	d	3	4	5
6		3,000		
8		2,000	2,000	
10		2,000	1,000	
12			1,000	1,000
14			1,000	
16			1,000	1,000
18			1,000	
20			1,000	500
25			1,000	500
30			500	

CROSS RECESS OVAL HEAD TAPPING SCREW Class3 , type C0 JIS B 1122



● **Material**
Stainless Steel A2

● **Thread**
Class3 , Type C0



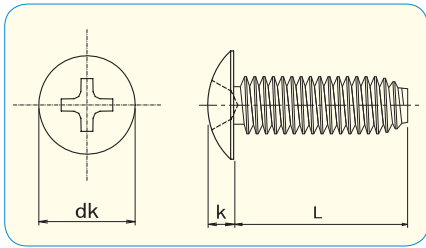
RoHS Directive Compliance



	4	5
dk	8	10
k	2.3	2.8
f	0.9	1.2
Drive Size	2	

		pcs / Box	
L	d	4	5
8		2,000	
10		1,000	
12		1,000	
16		1,000	500

CROSS RECESS TRUSS HEAD TAPPING SCREW Class3 , type C0 JIS B 1122



- Thread
Class3 , Type C0



RoHS Directive Compliance



TAPPING
SCREWS

	3	4	5
dk	6.9	9.4	11.8
k	1.9	2.5	3.1
Drive Size	1	2	

• Material · plating

Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

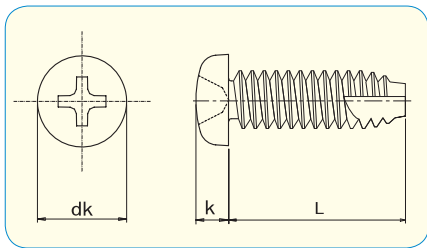
		pcs / Box
L	d	4
8		1,500
10		1,200
12		1,200

• Material

Stainless Steel A2

		pcs / Box		
L	d	3	4	5
6		2,000	1,000	
8		2,000	1,000	1,000
10			1,000	500
12			1,000	500
14			500	
16			500	500
18			1,000	500
20			500	400
25			500	200
30			500	
35			500	

CROSS RECESS PAN HEAD TAPPING SCREW Class3 with Cut , type C1 JIS B 1122



● **Thread**
Class3 with Cut , Type C1



RoHS Directive Compliance



	2.6	3	3.5	4	5	6
dk	4.5	5.5	6.0	7.0	9.0	10.5
k	1.7	2.0	2.3	2.6	3.3	3.9
Drive Size	1	2			3	

● **Material - plating**

Steel / Zinc 3Cr. Plated

Steel / Zinc Black 3Cr. Plated

		pcs / Box				
L \ d	2.6	3	3.5	4	5	6
4		3,000				
5		3,000				
6	4,500	2,500	3,500	2,200	1,000	
8	3,500	2,200	2,500	2,000	1,000	
10		2,000	2,500	1,600	900	600
12		2,500	2,000	1,500	800	600
14		2,200		1,200	800	500
16		2,000	1,600	1,200	700	450
18				1,000		
20		1,500	1,200	900	500	350
25		1,200		700	700	500
30				600	600	400
35				500	500	300
40				600	400	300
45				500	350	250
50				450	300	200
55				400		

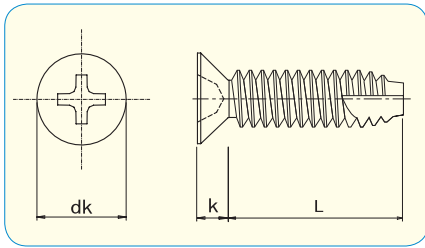
* ... Zinc 3Cr. Plated only

● **Material**

Stainless Steel A2

		pcs / Box				
L \ d	3	3.5	4	5	6	
6	3,000		2,000			
8	2,000	2,000	1,000	1,000		
10	2,000		1,000	500		
12	2,000		1,000	500	500	
14			1,000			
16	1,000		1,000	500	200	
18						
20	1,000		500	500	200	
25			500	400	200	
30			500		200	
35			500		200	
40			200		100	

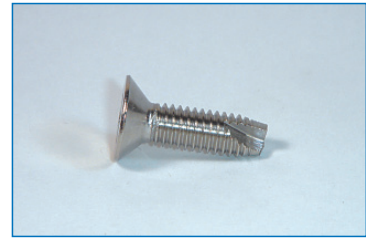
CROSS RECESS FLAT HEAD TAPPING SCREW Class3 with Cut , type C1 JIS B 1122



● **Thread**
Class3 with Cut , Type C1



RoHS Directive Compliance



TAPPING
SCREWS

	3	4	5	6
dk	6.0	8.0	10.0	12.0
k	1.75	2.30	2.80	3.40
Drive Size	2			3

● **Material · plating**

Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

		pcs / Box			
L \ d	3	4	5	6	
6	3,500				
8	2,500	2,000			
10	2,200	1,800	1,100		
12	2,500	1,500	1,000	600	
14		1,200	800	600	
16	2,000	1,200	700	500	
18					
20	1,500	900	600	400	
25	1,200	700	700	500	
30		600	600	400	
35		500	500	300	
40		600	400	300	
45		500	350	250	
50		450	300	200	
55				200	
60			230	180	
65				150	
70				120	
75				200	
80				200	
85				180	
90				170	
100				150	

* ... Zinc 3Cr. Plated only

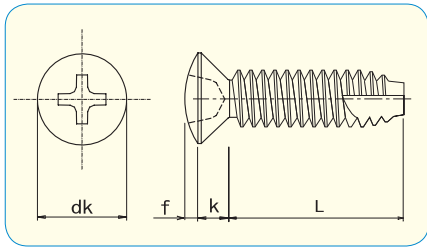
● **Material**

Stainless Steel A2

		pcs / Box			
L \ d	3	4	5	6	
6	3,000				
8	2,000	2,000			
10	2,000	1,000	1,000		
12	2,000	1,000	500		
14					
16		1,000	500		
18		500			
20		500	500	200	
25		500	500	200	
30		500		200	
35				200	
40				100	



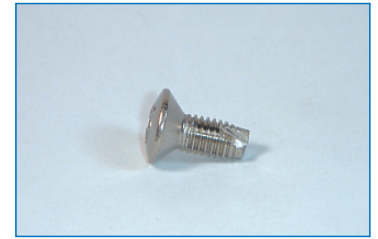
CROSS RECESS OVAL HEAD TAPPING SCREW Class3 with Cut , type C1 JIS B 1122



- **Thread**
Class3 with Cut , Type C1



RoHS Directive Compliance



	3	4	5	6
dk	6	8	10	12
k	1.75	2.3	2.8	3.4
f	0.7	0.9	1.2	1.4
Drive Size	2			3

- **Material · plating**

Steel / Zinc 3Cr. Plated

Steel / Zinc Black 3Cr. Plated

		pcs / Box			
L \ d	3	4	5	6	
6	2,500				
8	2,200				
10	2,000	1,600	900		
12	2,500	1,500	800		
14					
16	2,000	1,000	700	450	
20	1,500	900	500	350	
25	1,200	700	700	500	
30		600	600	400	
35		500	500	300	
40		600	400	300	
45		500		250	
50		450	300		

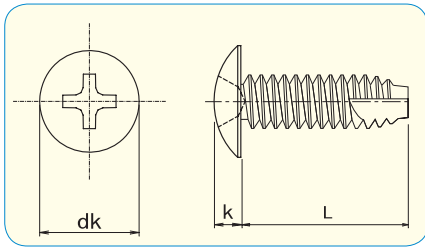
* ... Zinc 3Cr. Plated only

- **Material**

Stainless Steel A2

		pcs / Box
L \ d	5	
12	500	

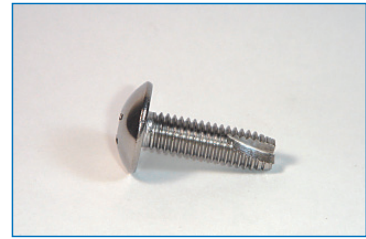
CROSS RECESS TRUSS HEAD TAPPING SCREW Class3 with Cut , type C1 JIS B 1122



● **Thread**
Class3 with Cut , Type C1



RoHS Directive Compliance



TAPPING
SCREWS

	2	2.6	3	3.5	4	4.5	5	6
dk	4.5	5.9	6.9	8.1	9.4	10.6	11.8	14
k	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.7
Drive Size	1			2			3	

● **Material · plating**

Steel / Zinc 3Cr. Plated
Steel / Zinc Black 3Cr. Plated

pcs / Box

L \ d	3	4	5	6	8
5	2,500				
6	2,200	1,600			
8	1,800	1,500	800		
10	1,800	1,200	800	450	
12	2,200	1,200	700	400	
14		1,000	600		
16	2,200	900	500	350	
18		900			
20	1,400	700	450	300	150
25		600	500	400	180
30		500	500	300	
35		400	400	300	
40		500	350	250	
45			300		
50			250		

* ... Zinc 3Cr. Plated only

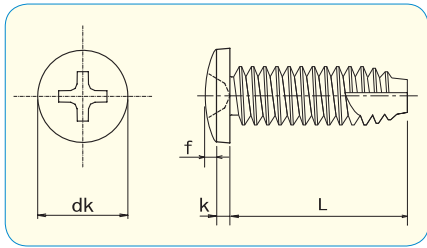
● **Material**

Stainless Steel A2

pcs / Box

L \ d	3	4	5	6
6	2,000			
8	2,000	1,000		
10	2,000	1,000	500	
12	2,000	1,000	500	200
16	1,000	500	500	200
20	1,000	500	400	200
25		500	200	200
30		500	200	200
35				100
40				100

CROSS RECESS BINDING HEAD TAPPING SCREW Class3 with Cut , type C1 JIS B 1122



● **Thread**
Class3 with Cut , Type C1



RoHS Directive Compliance



	3	4	5	6
dk	6.3	8.3	10.3	12.4
k+f	1.9	2.5	3.1	3.7
Drive Size	2			3

● **Material · plating**

Steel / Zinc 3Cr. Plated

Steel / Zinc Black 3Cr. Plated

		pcs / Box			
L \ d	3	4	5	6	
6	2,200	1,600			
8	1,800	1,500	800		
10	1,800	1,200	800	450	
12	2,200	1,200	700	400	
14		1,000	600	400	
16	1,800	900	500	350	
20	1,400	700	450	300	
25		600	500	400	
30		500	500	350	
35		400		300	

* ... Zinc 3Cr. Plated only

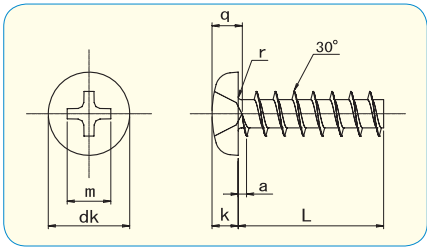
● **Material**

Stainless Steel A2

		pcs / Box
L \ d	4	
8	1,000	
10	1,000	
12	1,000	



Non-Sert tapping screws for soft plastic, 30 degree thread



non-sert " No more metal insert in Plastic!! "

- No need Metal insert in Plastic !
- Low Driving Torque, High Failure Torque
- 3-Cr zinc plated (No Cr [VI]) for standard stock
- Prompt shipment from our stock , dia. 1.4-6mm (steel 3-Cr zinc plated, stainless steel)

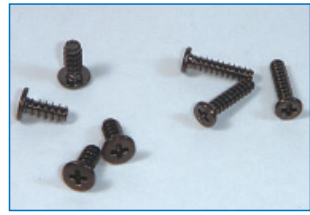


TAPPING SCREWS

#0 Cross Recess Pan Head

•Material · plating
Steel Harden , Black Ni Plated

	1.4	1.6
Material	1016	
hardness	HV450±40	
pitch	0.5	0.6
dk	2.5	3
k	0.5	0.5
drive #	0	0



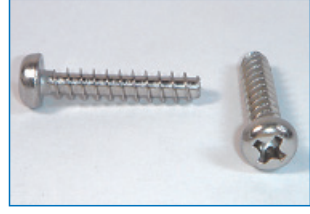
SIZE		PART #	pcs / Box	
d	L		Small Pack q'ty	Small Box q'ty
1.4	3	NS011403BNi	100	1000
	4	NS011404BNi	100	1000
	5	NS011405BNi	100	1000
	6	NS011406BNi	100	1000
1.6	4	NS011604BNi	100	1000
	5	NS011605BNi	100	1000
	6	NS011606BNi	100	1000
	8	NS011608BNi	100	1000

Cross Recess Pan Head

Pan Head : JIS B 1111 appendix

•Material
Stainless Steel A2

	3	4
pitch	1.3	1.6
dk	5.5	7
k	2	2.6
drive #	2	2



SIZE		PART #	pcs / Box	
d	L		Small Pack q'ty	Small Box q'ty
3	6	NS010306JA2	100	6,000
	8	NS010308JA2	100	5,000
	10	NS010310JA2	100	4,000
	12	NS010312JA2	100	3,500
	14	NS010314JA2	100	3,000
	16	NS010316JA2	100	2,500
4	8	NS010408JA2	100	2,600
	10	NS010410JA2	100	2,200
	12	NS010412JA2	100	2,000
	14	NS010414JA2	100	1,700
	16	NS010416JA2	100	1,400
	20	NS010420JA2	100	1,200



RoHS Directive Compliance



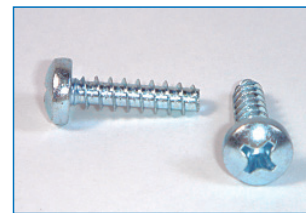
Cross Recess Pan Head

Pan Head : ISO7045

● **Material · plating**

Steel Harden , Zinc 3Cr. Plated

	2	2.5	3	4	5	6
Material	1018					
hardness	Min HV420					
pitch	0.8	1.1	1.3	1.6	2	2.4
dk	4	5	5.6	8	9.5	12
k	1.6	2.1	2.4	3.1	3.7	4.6
drive #	0	1	1	2	2	3

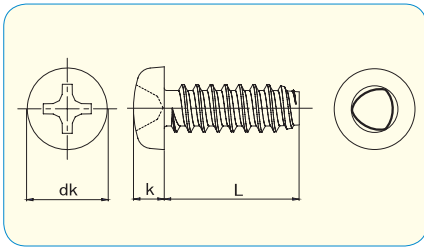


TAPPING
SCREWS

pcs / Box

SIZE		PART #	Small Pack q'ty	Small Box q'ty
d	L			
2	5	NS010205	100	3,500
	6	NS010206	100	3,000
	8	NS010208	100	2,500
	10	NS010210	100	2,000
2.5	6	NS012506	100	1,700
	8	NS012508	100	1,400
	10	NS012510	100	2,500
	12	NS012512	100	2,000
	14	NS012514	100	1,800
3	6	NS010306	100	2,500
	8	NS010308	100	2,500
	10	NS010310	100	2,000
	12	NS010312	100	3,000
	14	NS010314	100	2,500
	16	NS010316	100	2,000
	20	NS010320	100	1,600
4	8	NS010408	100	2,000
	10	NS010410	100	1,500
	12	NS010412	100	1,500
	14	NS010414	100	1,300
	16	NS010416	100	1,000
	20	NS010420	100	800
	25	NS010425	100	800
5	10	NS010510	100	1,000
	12	NS010512	100	900
	14	NS010514	100	800
	16	NS010516	100	700
	20	NS010520	100	600
	25	NS010525	100	500
6	12	NS010612	100	500
	14	NS010614	100	500
	16	NS010616	100	400
	20	NS010620	100	400

CROSS RECESS PAN HEAD THREAD FORMING SCREWS B type



• Thread
B Type



RoHS Directive Compliance



TAPPING
SCREWS

	2	2.5	3	4	5	6
dk	3.5	4.5	5.5	7	9	10.5
k	1.3	1.7	2	2.6	3.3	3.9
Drive Size	1		2			3

• Material · plating

Steel / Zinc 3Cr. Plated

Steel / Zinc Black 3Cr. Plated

		pcs / Box					
L \ d	2	2.5	3	4	5	6	
4	20,000		7,000				
5	18,000		6,000	3,000			
6	16,000	8,000	6,000	3,000			
8	12,000	7,000	5,000	2,500	1,200		
10	10,000	5,000	4,000	2,500	1,000	800	
12	8,000	5,000	3,500	2,000	900	800	
14	7,000		3,000	1,500			
16			2,500	1,500	800	600	
20			2,000	1,200	800	500	
25			1,500	1,000	600		
30			1,000	800			

• Material

Stainless Steel A2

		pcs / Box		
L \ d	2	3	4	
4	10,000			
5	8,000			
6	7,000	3,000	1,500	
8	6,000	2,000	1,200	
10	5,000	2,000	1,200	
12		1,500	1,000	
16			800	
20			600	

