

DELTA PT

TEST

SCREW

ASIA

DATE

2005. 10. 6

Manager

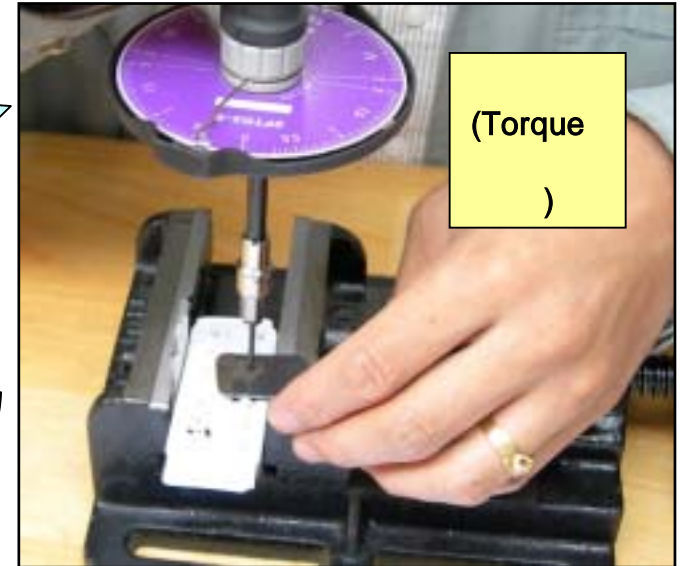


<p>DELTA PT® SCREW M1.4, M1.6, M1.8 , M1.4가 M1.8 가.</p>	<p>DELTA PT® SCREW M1.8 M1.4 . . INSERT가 BOSS .</p>	<p>SCREW GRAPH 1 - SCREW Insert vs Boss</p>
<p>DELTA PT® SCREW M1.4, M1.6, M1.8 가.</p>	<p>. 가 . MACHINE+NYLOK SCREW .</p>	<p>GRAPH 2 - SCREW () DELTA PT M1.4 : 3.0 DELTA PT M1.6 : 3.0 DELTA PT M1.8 : 2.0</p>



EJOT TEST BOSS

TAPPING SCREW DELTA PT® SCREW



TORQUE	0.8 kgfcm		1.0 kgfcm		1.2 kgfcm	
Thread spec	DELTA PT M1.4 L3.5	TAPPING M1.4 L3.5	DELTA PT M1.6 L3.5	TAPPING M1.7 L3.5	DELTA PT M1.8 L3.5	DELTA PT M1.8 L3.5
Boss	1.00	1.15	1.15	1.35	1.35	1.30
Boss	2.8	3.0	3.0	3.2	3.2	3.0

SCREW

DELTA PT®

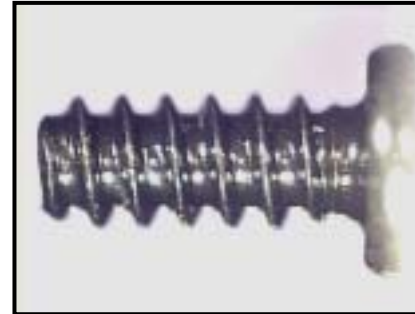
_____ M1.7 _____

_____, M1.7 .



DELTA PT®

M1.4 L3.5



TAPPING

M1.4 L3.5



DELTA PT®

M1.6 L3.5



TAPPING

M1.7 L3.5



DELTA PT®

M1.8 L3.5



EJOT 社

**TEST
BOSS**

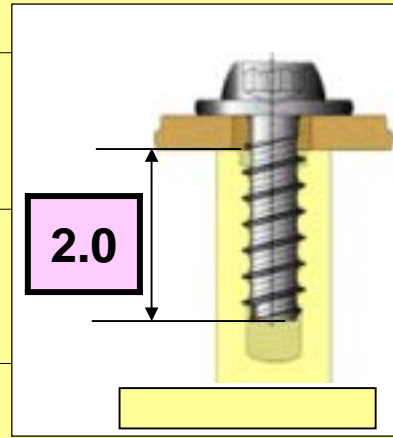
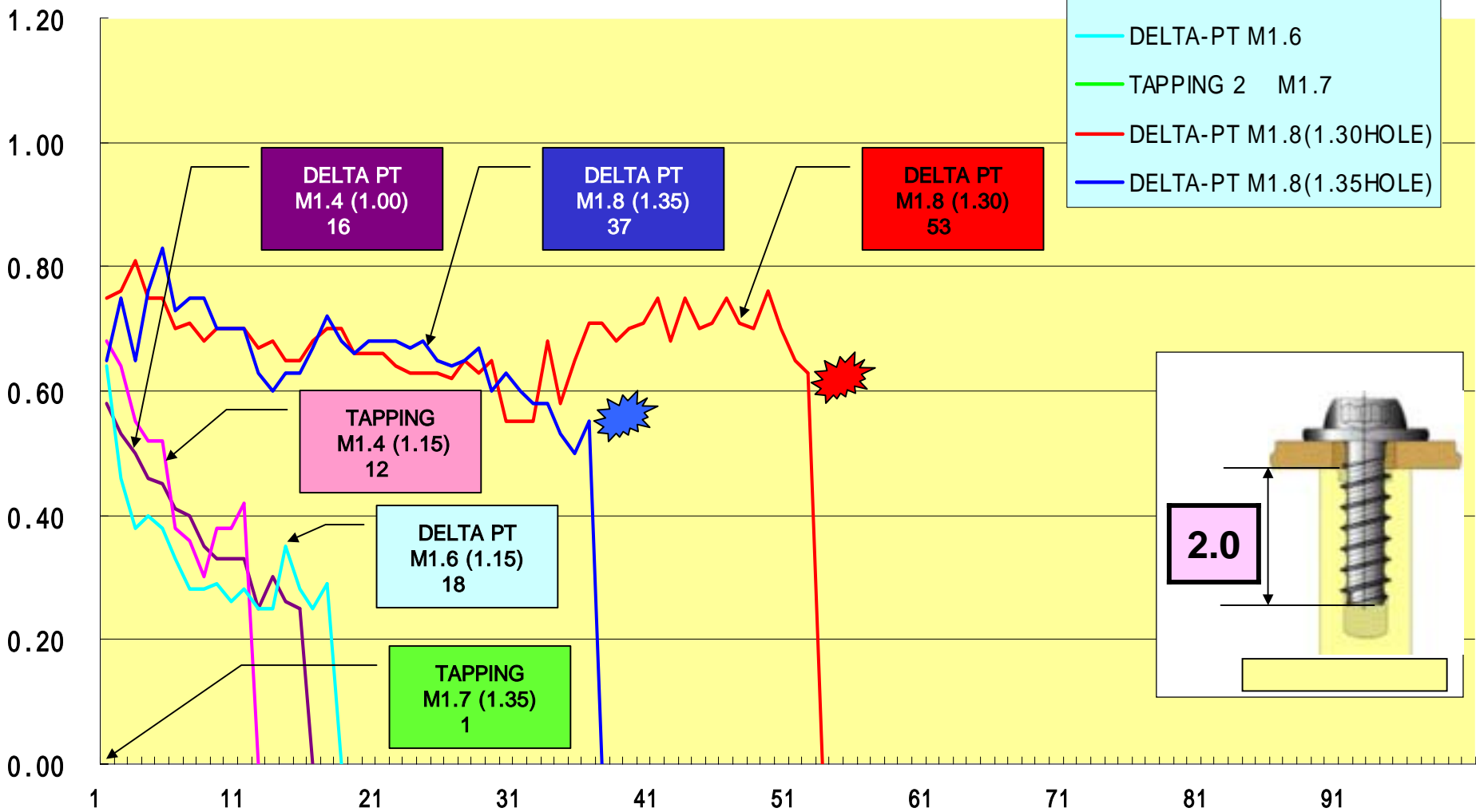
Material

PC

2.0mm

EJOT BOSS hole DATA

- DELTA-PT M1.4
- TAPPING 2 M1.4
- DELTA-PT M1.6
- TAPPING 2 M1.7
- DELTA-PT M1.8(1.30HOLE)
- DELTA-PT M1.8(1.35HOLE)

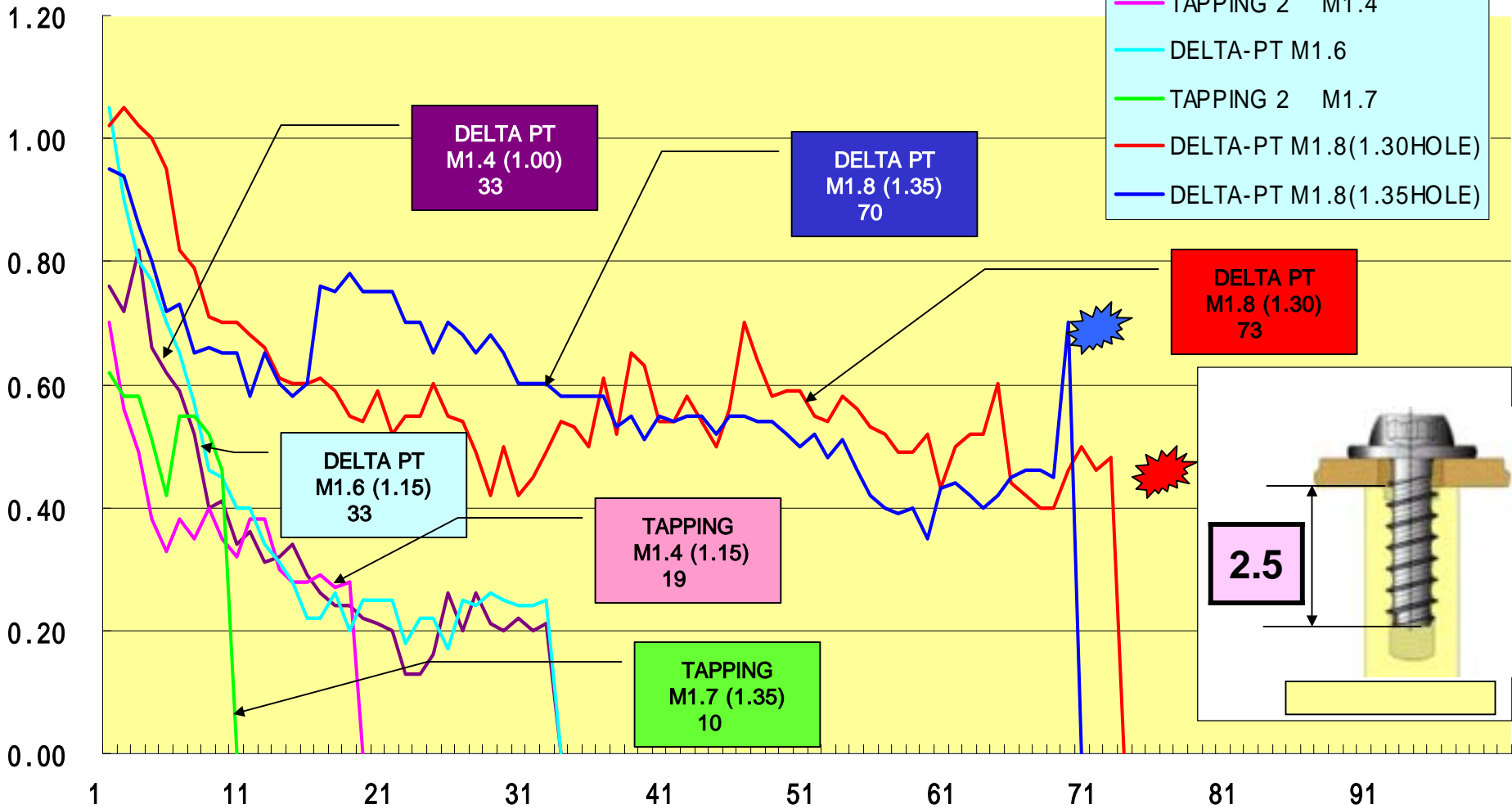


2.5mm

EJOT BOSS hole

DATA

- DELTA-PT M1.4
- TAPPING 2 M1.4
- DELTA-PT M1.6
- TAPPING 2 M1.7
- DELTA-PT M1.8(1.30HOLE)
- DELTA-PT M1.8(1.35HOLE)

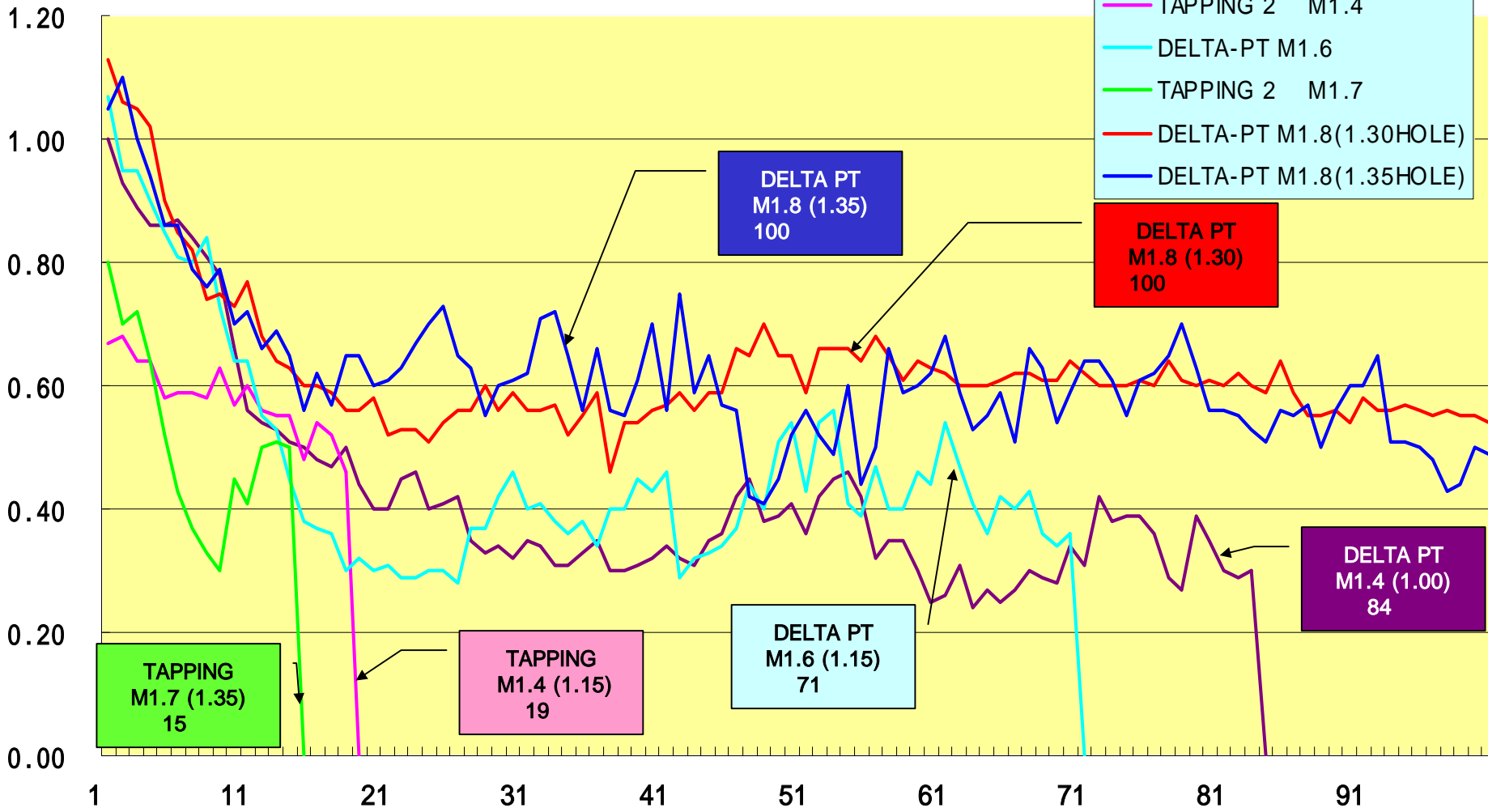


3.0mm

EJOT BOSS hole

DATA

- DELTA-PT M1.4
- TAPPING 2 M1.4
- DELTA-PT M1.6
- TAPPING 2 M1.7
- DELTA-PT M1.8(1.30HOLE)
- DELTA-PT M1.8(1.35HOLE)



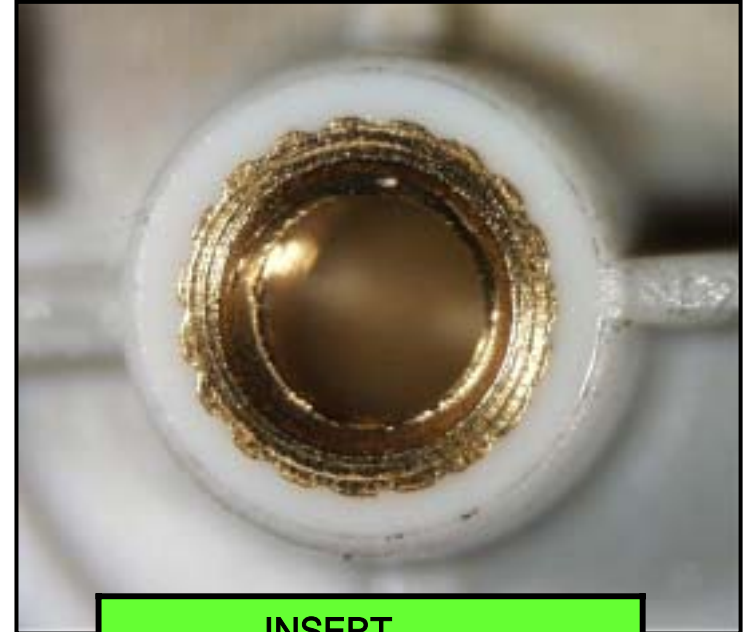
1 - SCREW

	Thread	DELTA PT	TAPPING	DELTA PT	TAPPING	DELTA PT	DELTA PT
	spec	M1.4 L3.5	M1.4 L3.5	M1.6 L3.5	M1.7 L3.5	M1.8 L3.5	M1.8 L3.5
	Boss	1.00	1.15	1.15	1.35	1.35	1.30
	Boss	2.8	3.0	3.0	3.2	3.2	3.0
	TORQUE	0.8 kgfcm		1.0 kgfcm	1.2 kgfcm		
2.0		16	12	18	1	37	53
	Torque	0.38	0.47	0.33	0.00	0.66	0.68
	Torque	1.22	1.13	1.43	1.15	1.53	1.57
2.5		33	19	33	10	70	73
	Torque	0.34	0.37	0.38	0.53	0.59	0.59
	Torque	1.62	1.30	1.92	1.72	2.03	2.13
3.0		84	19	71	15	100	100
	Torque	0.42	0.58	0.47	0.51	0.62	0.62
	Torque	2.17	2.00	2.07	1.85	2.28	2.45
	M 1.8 가 , M1.4 . M1.6 M1.4 .						

Insert vs Boss



DELTA PT® BOSS
3.20



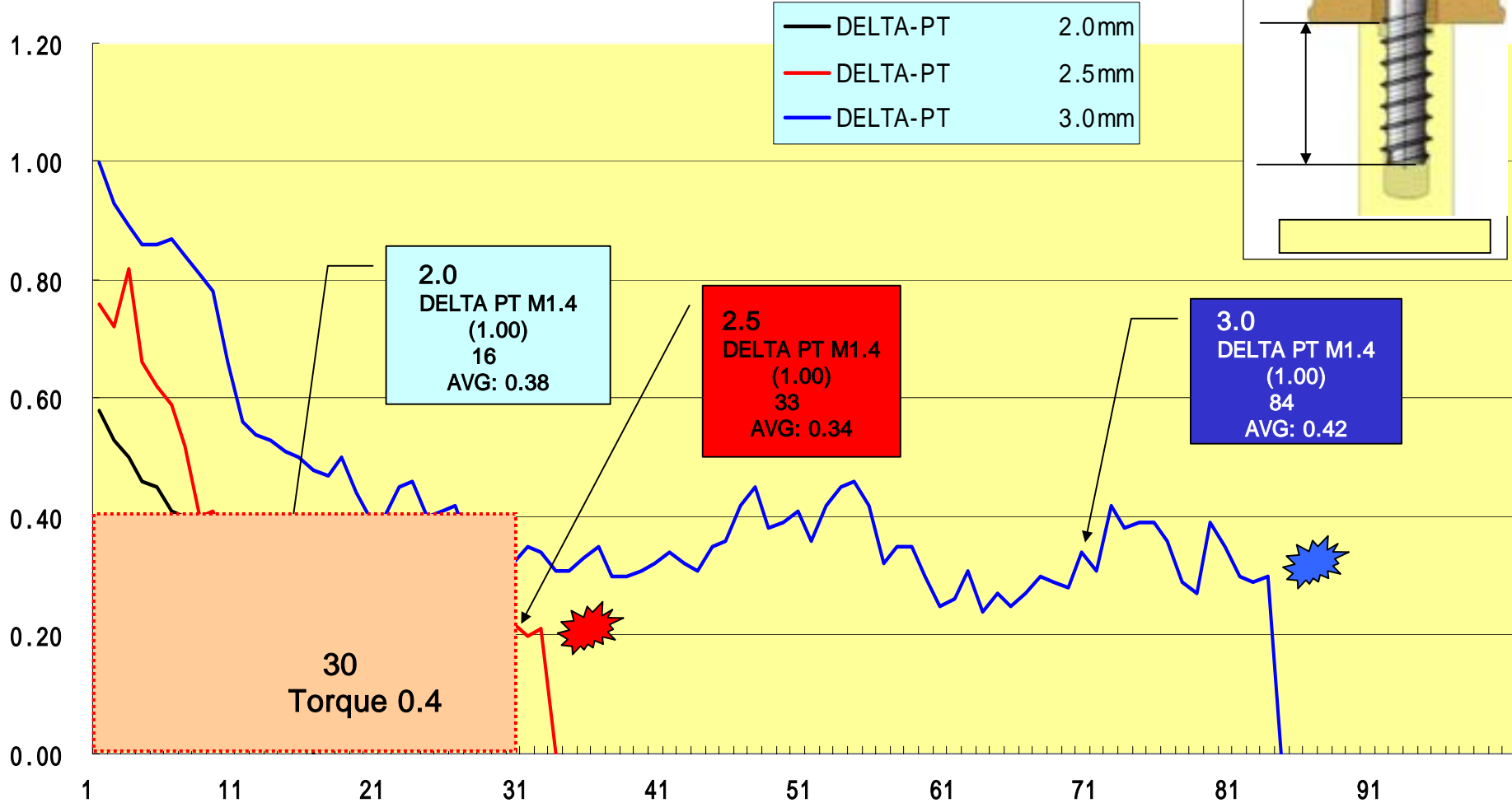
INSERT
3.31 -

	MACHINE SCREW	INSERT	(M1.4	:2.5)
	BOSS	가	BOSS	DELTA PT M1.8

DELTA PT M1.4

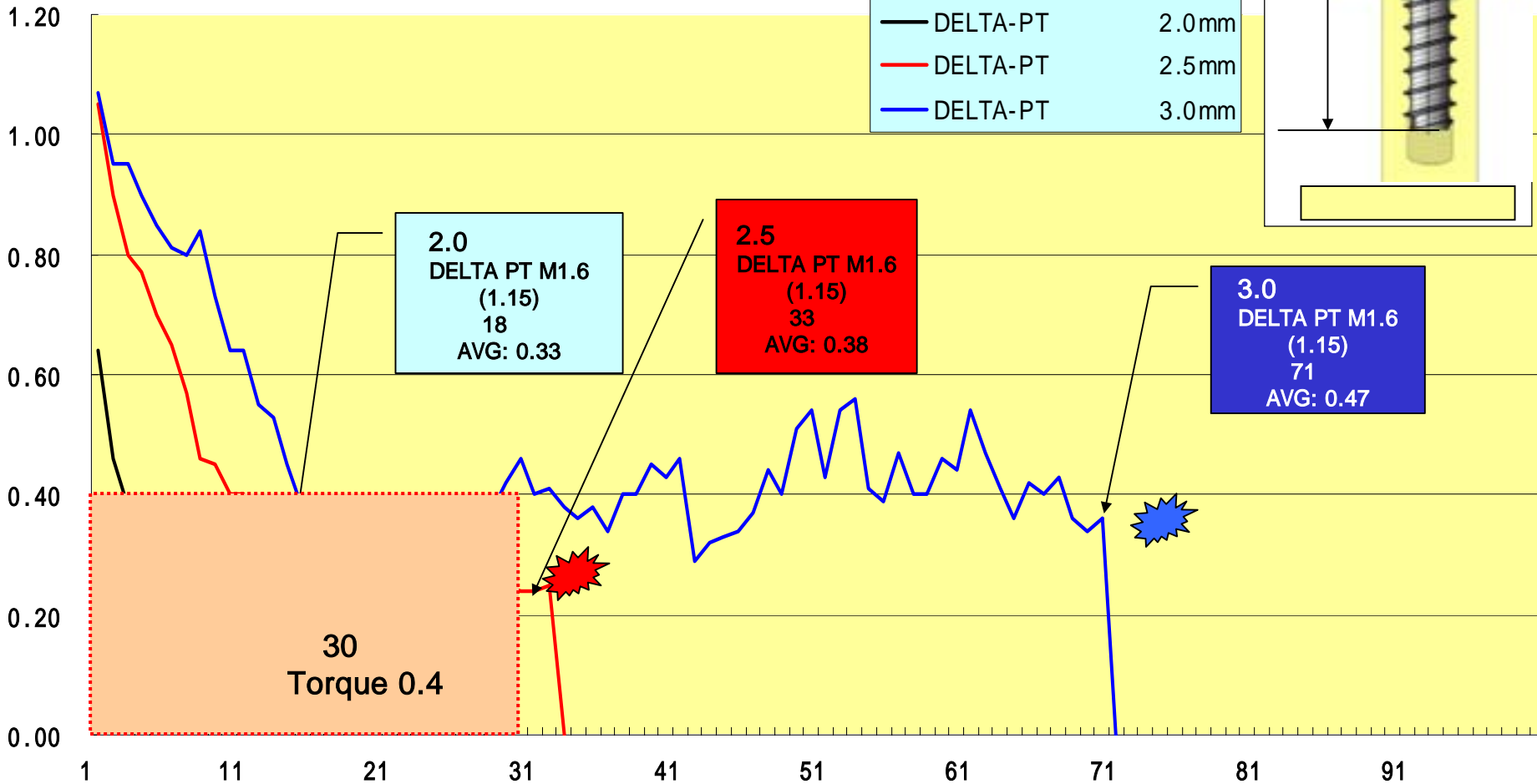
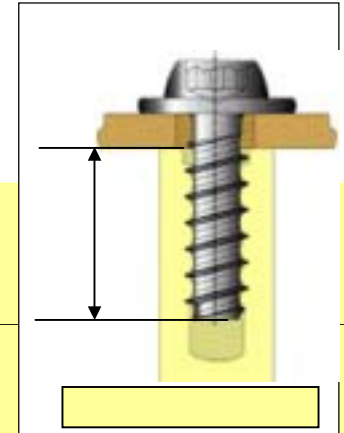
EJOT BOSS hole

DATA



DELTA PT M1.6

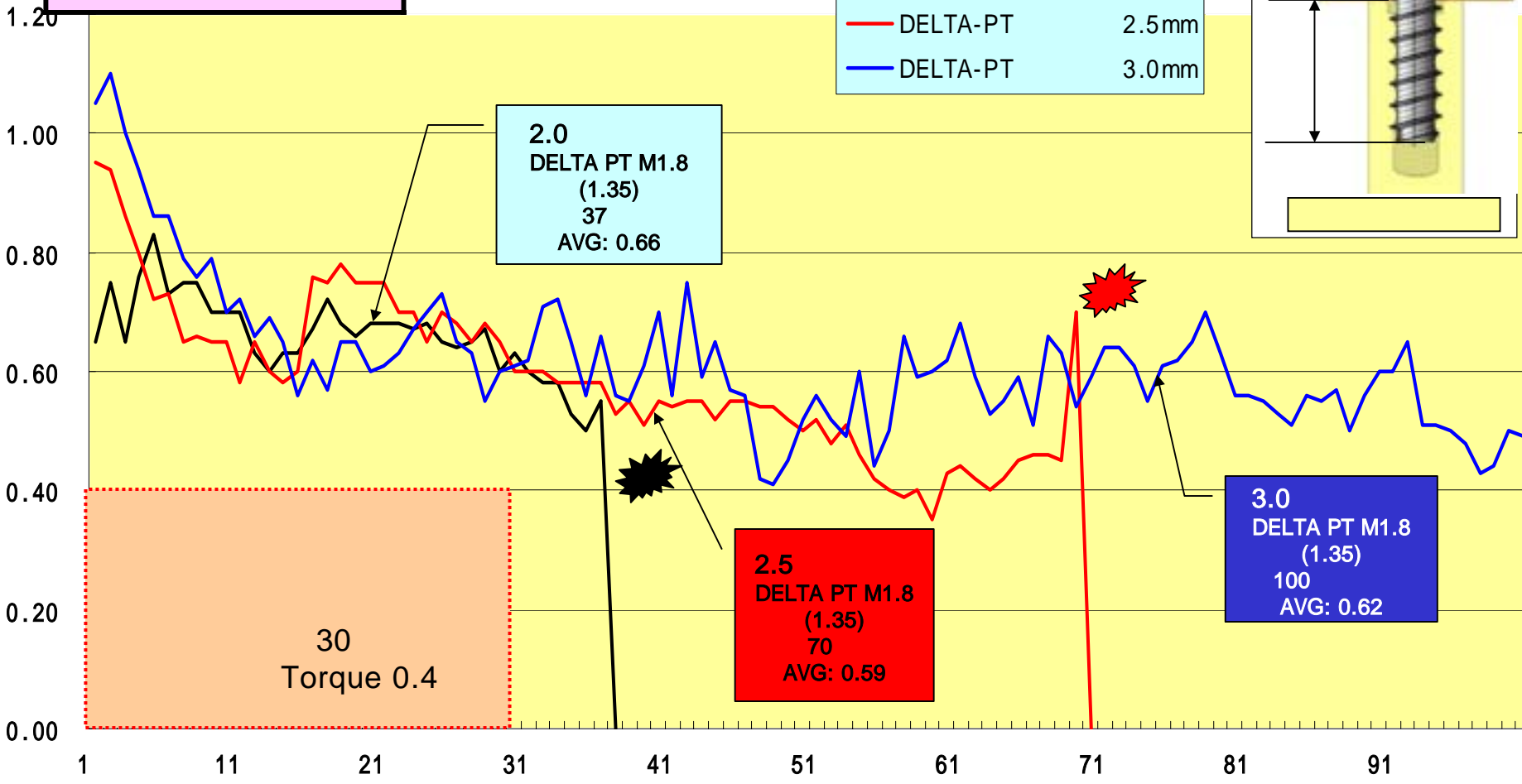
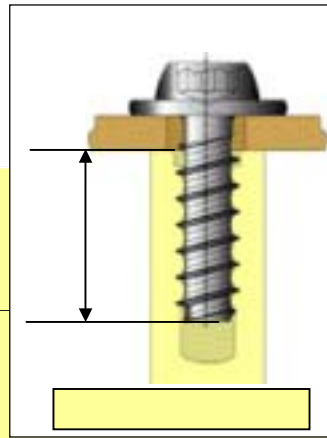
EJOT BOSS hole DATA



**DELTA PT M1.8
(Boss : 1.35)**

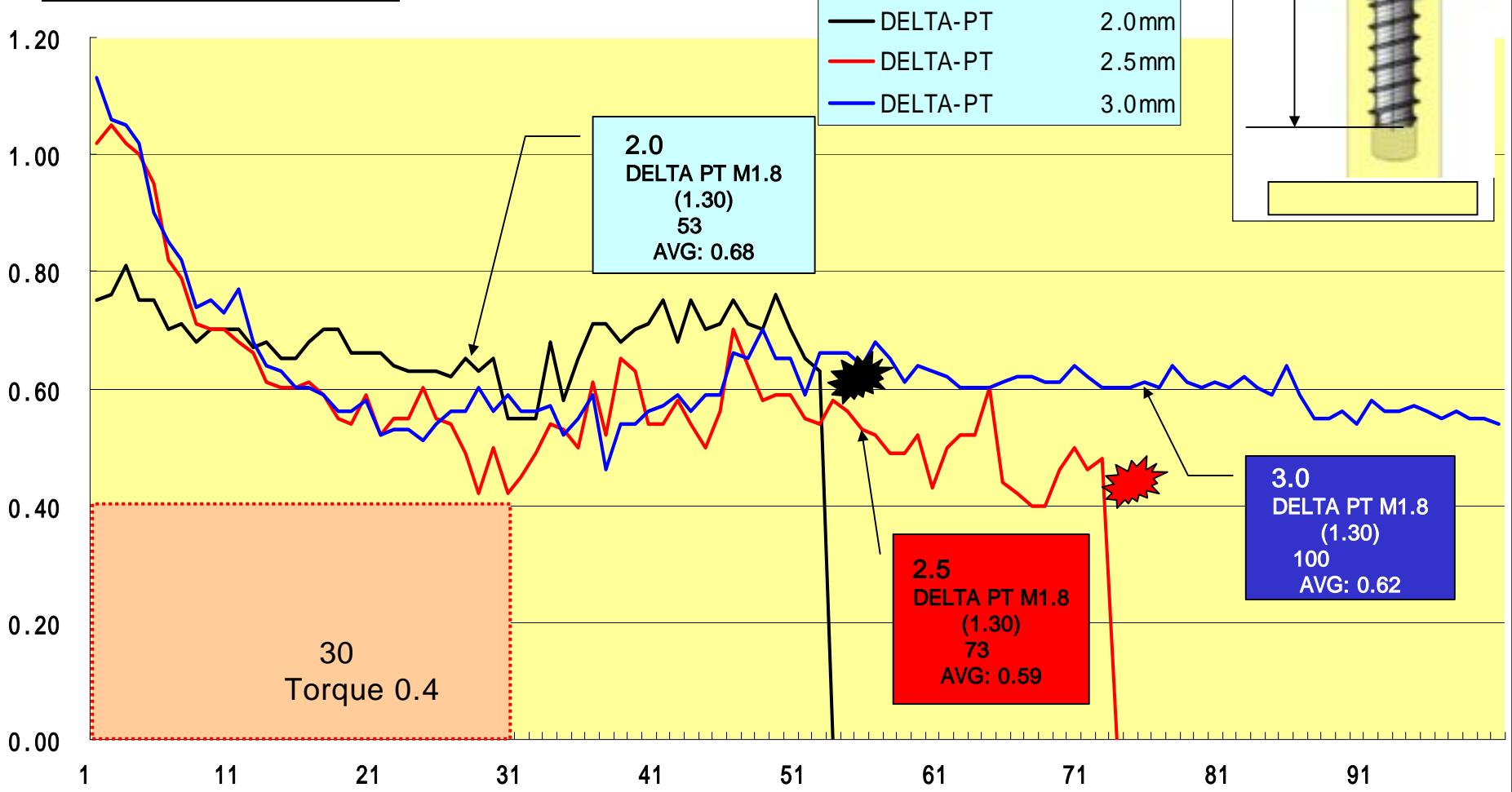
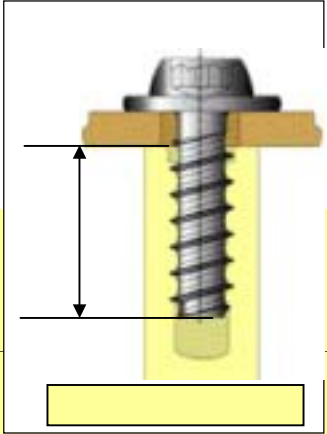
EJOT BOSS hole DATA

— DELTA-PT	2.0mm
— DELTA-PT	2.5mm
— DELTA-PT	3.0mm



**DELTA PT M1.8
(Boss : 1.30)**

EJOT BOSS hole DATA



1 – SCREW

	Thread	DELTA PT	DELTA PT	DELTA PT	DELTA PT
	spec	M1.4 L3.5	M1.6 L3.5	M1.8 L3.5	M1.8 L3.5
	Boss Boss	1.00 2.8	1.15 3.0	1.35 3.2	1.30 3.0
2.0				37	53
	Torque			0.66	0.68
	Torque			1.53	1.57
2.5				70	73
	Torque			0.59	0.59
	Torque			2.03	2.13
3.0		84	71	100	100
	Torque	2.17	2.07	2.28	2.45
	Torque	2.17	2.07	2.28	2.45
		3.0 mm	3.0 mm	2.0 mm	2.0 mm
		: 30 AND Torque 0.4 kgfcm			

DATA (Delta PT® M 1.4)

2.0mm DELTA-PT M 1.4 BOSS 1.00 TORQUE 0.8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.58	0.53	0.50	0.46	0.45	0.41	0.40	0.35	0.33	0.33	0.33	0.25	0.30	0.26	0.25										
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

2.5mm DELTA-PT M 1.4 BOSS 1.00 TORQUE 0.8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.76	0.72	0.82	0.66	0.62	0.59	0.52	0.40	0.41	0.34	0.36	0.31	0.32	0.34	0.29	0.26	0.24	0.24	0.22	0.21	0.20	0.13	0.13	0.16	0.26
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.20	0.26	0.21	0.20	0.22	0.20	0.21																		
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

3.0mm DELTA-PT M 1.4 BOSS 1.00 TORQUE 0.8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	1.00	0.93	0.89	0.86	0.86	0.87	0.84	0.81	0.78	0.66	0.56	0.54	0.53	0.51	0.50	0.48	0.47	0.50	0.44	0.40	0.40	0.45	0.46	0.40	0.41
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.42	0.35	0.33	0.34	0.32	0.35	0.34	0.31	0.31	0.33	0.35	0.30	0.30	0.31	0.32	0.34	0.32	0.31	0.35	0.36	0.42	0.45	0.38	0.39	0.41
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.36	0.42	0.45	0.46	0.42	0.32	0.35	0.35	0.30	0.25	0.26	0.31	0.24	0.27	0.25	0.27	0.30	0.29	0.28	0.34	0.31	0.42	0.38	0.39	0.39
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
0.36	0.29	0.27	0.39	0.35	0.30	0.29	0.30																		

DATA (Tapping M 1.4)

2.0 mm TAPPING M 1.4 BOSS 1.15 TORQUE 0.8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.68	0.64	0.55	0.52	0.52	0.38	0.36	0.30	0.38	0.38	0.42														
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

2.5 mm TAPPING M 1.4 BOSS 1.15 TORQUE 0.8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.70	0.56	0.49	0.38	0.33	0.38	0.35	0.40	0.35	0.32	0.38	0.38	0.30	0.28	0.28	0.29	0.27	0.28							
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

3.0 mm TAPPING M 1.4 BOSS 1.15 TORQUE 0.8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.67	0.68	0.64	0.64	0.58	0.59	0.59	0.58	0.63	0.57	0.60	0.56	0.55	0.55	0.48	0.54	0.52	0.46							
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

DATA (Delta PT® M 1.6)

2.0mm DELTA-PT M 1.6 BOSS 1.15 TORQUE 1.0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
	0.64	0.46	0.38	0.40	0.38	0.33	0.28	0.28	0.29	0.26	0.28	0.25	0.25	0.35	0.28	0.25	0.29									
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		

2.5mm DELTA-PT M 1.6 BOSS 1.15 TORQUE 1.0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
	1.05	0.90	0.80	0.77	0.70	0.65	0.57	0.46	0.45	0.40	0.40	0.34	0.31	0.28	0.22	0.22	0.26	0.20	0.25	0.25	0.25	0.18	0.22	0.22	0.17	
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
	0.25	0.24	0.26	0.25	0.24	0.24	0.25																			
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		

3.0mm DELTA-PT M 1.6 BOSS 1.15 TORQUE 1.0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	1.07	0.95	0.95	0.90	0.85	0.81	0.80	0.84	0.73	0.64	0.64	0.55	0.53	0.45	0.38	0.37	0.36	0.30	0.32	0.30	0.31	0.29	0.29	0.30	0.30
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.28	0.37	0.37	0.42	0.46	0.40	0.41	0.38	0.36	0.38	0.34	0.40	0.40	0.45	0.43	0.46	0.29	0.32	0.33	0.34	0.37	0.44	0.40	0.51	0.54
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.43	0.54	0.56	0.41	0.39	0.47	0.40	0.40	0.46	0.44	0.54	0.47	0.41	0.36	0.42	0.40	0.43	0.36	0.34	0.36					
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

DATA (Tapping M 1.7)

2.0 mm TAPPING M 1.7 BOSS 1.35 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

2.5 mm TAPPING M 1.7 BOSS 1.35 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.62	0.58	0.58	0.51	0.42	0.55	0.55	0.52	0.46																
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

3.0 mm TAPPING M 1.7 BOSS 1.35 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.80	0.70	0.72	0.64	0.52	0.43	0.37	0.33	0.30	0.45	0.41	0.50	0.51	0.50											
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

DATA (Delta PT® M 1.8 Boss 1.35)

2.0mm DELTA-PT M 1.8 BOSS 1.35 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
	0.65	0.75	0.65	0.76	0.83	0.73	0.75	0.75	0.70	0.70	0.70	0.63	0.60	0.63	0.63	0.67	0.72	0.68	0.66	0.68	0.68	0.68	0.67	0.68	0.65	
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
	0.64	0.65	0.67	0.60	0.63	0.60	0.58	0.58	0.53	0.50	0.55															
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

2.5mm DELTA-PT M 1.8 BOSS 1.35 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.95	0.94	0.86	0.80	0.72	0.73	0.65	0.66	0.65	0.65	0.58	0.65	0.60	0.58	0.60	0.76	0.75	0.78	0.75	0.75	0.75	0.70	0.70	0.65	0.70
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.68	0.65	0.68	0.65	0.60	0.60	0.60	0.58	0.58	0.58	0.58	0.53	0.55	0.51	0.55	0.54	0.55	0.55	0.52	0.55	0.55	0.54	0.54	0.52	0.50
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.52	0.48	0.51	0.46	0.42	0.40	0.39	0.40	0.35	0.43	0.44	0.42	0.40	0.42	0.45	0.46	0.46	0.45	0.70						
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

3.0mm DELTA-PT M 1.8 BOSS 1.35 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	1.05	1.10	1.00	0.94	0.86	0.86	0.79	0.76	0.79	0.70	0.72	0.66	0.69	0.65	0.56	0.62	0.57	0.65	0.65	0.60	0.61	0.63	0.67	0.70	0.73
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.65	0.63	0.55	0.60	0.61	0.62	0.71	0.72	0.65	0.56	0.66	0.56	0.55	0.61	0.70	0.56	0.75	0.59	0.65	0.57	0.56	0.42	0.41	0.45	0.52
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.56	0.52	0.49	0.60	0.44	0.50	0.66	0.59	0.60	0.62	0.68	0.59	0.53	0.55	0.59	0.51	0.66	0.63	0.54	0.59	0.64	0.64	0.61	0.55	0.61
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

DATA (Delta PT® M 1.8 Boss 1.30)

2.0mm DELTA-PT M 1.8 BOSS 1.30 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	0.75	0.76	0.81	0.75	0.75	0.70	0.71	0.68	0.70	0.70	0.70	0.67	0.68	0.65	0.65	0.68	0.70	0.70	0.66	0.66	0.66	0.64	0.63	0.63	0.63
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.62	0.65	0.63	0.65	0.55	0.55	0.55	0.68	0.58	0.65	0.71	0.71	0.68	0.70	0.71	0.75	0.68	0.75	0.70	0.71	0.75	0.71	0.70	0.76	0.70
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.65	0.63																							
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

2.5mm DELTA-PT M 1.8 BOSS 1.30 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	1.02	1.05	1.02	1.00	0.95	0.82	0.79	0.71	0.70	0.70	0.68	0.66	0.61	0.60	0.60	0.61	0.59	0.55	0.54	0.59	0.52	0.55	0.55	0.60	0.55
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.54	0.49	0.42	0.50	0.42	0.45	0.49	0.54	0.53	0.50	0.61	0.52	0.65	0.63	0.54	0.54	0.58	0.54	0.50	0.56	0.70	0.64	0.58	0.59	0.59
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.55	0.54	0.58	0.56	0.53	0.52	0.49	0.49	0.52	0.43	0.50	0.52	0.52	0.60	0.44	0.42	0.40	0.40	0.46	0.50	0.46	0.48			
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

3.0mm DELTA-PT M 1.8 BOSS 1.30 TORQUE 1.2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	1.13	1.06	1.05	1.02	0.90	0.85	0.82	0.74	0.75	0.73	0.77	0.68	0.64	0.63	0.60	0.60	0.59	0.56	0.56	0.58	0.52	0.53	0.53	0.51	0.54
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	0.56	0.56	0.60	0.56	0.59	0.56	0.56	0.57	0.52	0.55	0.59	0.46	0.54	0.54	0.56	0.57	0.59	0.56	0.59	0.59	0.66	0.65	0.70	0.65	0.65
	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	0.59	0.66	0.66	0.66	0.64	0.68	0.65	0.61	0.64	0.63	0.62	0.60	0.60	0.60	0.61	0.62	0.62	0.61	0.61	0.64	0.62	0.60	0.60	0.60	0.61
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	0.60	0.64	0.61	0.60	0.61	0.60	0.62	0.60	0.59	0.64	0.59	0.55	0.55	0.56	0.54	0.58	0.56	0.56	0.57	0.56	0.55	0.56	0.55	0.55	0.54