

**Model: ATT9** □ Thermowell  
**for Temperature Sensor**  
**ATT91 Threaded (Drilled type)**

Basic Model No	Table															Option			
ATT91																			
Outer dia. (Root)	D1 (mm)																		
Outer dia. (Tip)	D2 (mm)																		
Inner dia. (Root)	d1 (mm)																		
Inner dia. (Tip)	d2 (mm)																		
Material	SUS304														A				
	NCF600 (Consults to sales)														B				
	SUS316														C				
	SUS310S														D				
Full length	L (mm)																		
Screw std	JIS std screw											J	P						
	ANSI std screw											N	P						
Screw type	Taper												T						
	Straight												F						
Screw size(in)	1/2											1	5						
	3/4											2	0						
	1											2	5						
Insertion length	U (mm)																		
Option	No selection																X		
	Color check																C		
	Oil free, water free treatment																D		
	Hydraulic pressure test, Leak test																L		
	Mill sheet																M		
	Radio-graphic test																N		
	Strength calculation sheet																R		
	SF-6 stelite (Consults to sales)																S		

		Option			(1000yen)		
Length (mm)	Screw size code	15, 20			25		
	Screw size (in.)	1/2, 3/4			1		
	Mat'l code	A	C	D	A	C	D
	Mat'l	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S
	0000<0150	26	28	37	30	32	40
	0151<0200	30	32	43	35	38	48
	0201<0250	33	36	48	40	44	55
	0251<0300	37	40	55	45	49	62
	0301<0350	43	46	62	52	57	70
	0351<0400	48	53	69	59	65	73
	0401<0450	52	56	77	63	68	82
	0451<0500	59	63	85	71	77	91
	0501<0550	65	70	94	80	86	108
	0551<0600	72	78	103	88	95	117
	0601<0650	79	85	112	97	104	128
	0651<0700	86	92	121	105	114	137
	0701<0750	93	100	131	114	123	149
0751<0800	100	107	139	123	132	159	
0801<0850	108	115	149	132	142	169	
0851<0900	115	122	159	141	151	180	
0901<0950	122	130	169	149	161	192	
0951<1000	131	139	180	160	172	204	
1001<1100	171	154	233	219	234	260	
1101<1200	192	203	260	245	263	289	
1201<1300	213	225	286	271	291	317	
1301<1400	233	247	313	297	318	346	
1401<1500	254	268	332	324	346	368	

		Option		(1000yen)	
Code	Description			Price	
X	No selection			0	
C	Color check			12	
D	Oil free ,water free treatment			8	
L	Hydraulic pressure test, Leak test			18	
M	Mill sheet			25	
N	Radio-graphic test			35	
R	Strength calculation sheet			15	
S	SF-6 stelite (Consults to sales)			-	

**Model: ATT9 □ Thermowell for Temperature  
Sensor ThermoPLUS Advanced Temperature  
ATT91 Threaded (Drilled type)**

Issued : Jun. 1,2002	Page : 4-2-14
Effective : Jun. 1,2002	UNIT : 1000YEN

Option (1000yen)

Length (mm)	Screw size code	15, 20			25		
	Screw size (in.)	1/2, 3/4			1		
	Mat'l code	A	C	D	A	C	D
	Mat'l	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S
	0000<0150	26	28	37	30	32	40
	0151<0200	30	32	43	35	38	48
	0201<0250	33	36	48	40	44	55
	0251<0300	37	40	55	45	49	62
	0301<0350	43	46	62	52	57	70
	0351<0400	48	53	69	59	65	73
	0401<0450	52	56	77	63	68	82
	0451<0500	59	63	85	71	77	91
	0501<0550	65	70	94	80	86	108
	0551<0600	72	78	103	88	95	117
	0601<0650	79	85	112	97	104	128
	0651<0700	86	92	121	105	114	137
	0701<0750	93	100	131	114	123	149
	0751<0800	100	107	139	123	132	159
	0801<0850	108	115	149	132	142	169
	0851<0900	115	122	159	141	151	180
	0901<0950	122	130	169	149	161	192
	0951<1000	131	139	180	160	172	204
	1001<1100	171	154	233	219	234	260
	1101<1200	192	203	260	245	263	289
	1201<1300	213	225	286	271	291	317
	1301<1400	233	247	313	297	318	346
	1401<1500	254	268	332	324	346	368

Option (1000yen)

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15
S	SF-6 stellite (Consults to sales)	-

**Model: ATT9** □ Thermowell  
**for Temperature Sensor**  
**ATT92 Threaded with lagging (Drilled type)**

Issued : Jun. 12002    Page : 4-2-6  
 Effective : Jun. 12002    UNIT : 1000YEN

Issued : Jun. 12002    Page : 4-2-6  
 Effective : Jun. 12002    UNIT : 1000YEN

Basic Model No		Table										Option	
ATT92													
Outer dia. (Root)	D1 (mm)												
Outer dia. (Tip)	D2 (mm)												
Inner dia. (Root)	d1 (mm)												
Inner dia. (Tip)	d2 (mm)												
Material	SUS304											A	
	NCF600 (Consults to sales)											B	
	SUS316											C	
	SUS310S											D	
Full length	L (mm)												
Screw std	JIS std screw											J	P
	ANSI std screw											N	P
Screw type	Taper												T
Screw size(in)	1/2											1	5
	3/4											2	0
	1											2	5
Insertion length	U (mm)												
Option	No selection											X	
	Color check											C	
	Oil free, water free treatment											D	
	Hydraulic pressure test, Leak test											L	
	Mill sheet											M	
	Radio-graphic test											N	
	Strength calculation sheet											R	
	SF-6 stelite (Consults to sales)											S	

Option	Screw size code	15, 20			25		
		1/2, 3/4			1		
		Mat'l code	A	C	D	A	C
Length (mm)	Mat'l	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S
	0000<0150	26	28	37	30	32	40
	0151<0200	30	32	43	35	38	48
	0201<0250	33	36	48	40	44	55
	0251<0300	37	40	55	45	49	62
	0301<0350	43	46	62	52	57	70
	0351<0400	48	53	69	59	65	73
	0401<0450	52	56	77	63	68	82
	0451<0500	59	63	85	71	77	91
	0501<0550	65	70	94	80	86	108
	0551<0600	72	78	103	88	95	117
	0601<0650	79	85	112	97	104	128
	0651<0700	86	92	121	105	114	137
	0701<0750	93	100	131	114	123	149
	0751<0800	100	107	139	123	132	159
	0801<0850	108	115	149	132	142	169
	0851<0900	115	122	159	141	151	180
	0901<0950	122	130	169	149	161	192
	0951<1000	131	139	180	160	172	204
	1001<1100	171	154	233	219	234	260
1101<1200	192	203	260	245	263	289	
1201<1300	213	225	286	271	291	317	
1301<1400	233	247	313	297	318	346	
1401<1500	254	268	332	324	346	368	

Option	Code	Description	Price (1000yen)
	X	No selection	0
	C	Color check	12
	D	Oil free, water free treatment	8
	L	Hydraulic pressure test, Leak test	18
	M	Mill sheet	25
	N	Radio-graphic test	35
	R	Strength calculation sheet	15
	S	SF-6 stelite (Consults to sales)	-

**Model: ATT9 □ Thermowell for Temperature  
Sensor ThermoPLUS Advanced Temperature  
ATT92 Threaded with lagging (Drilled type)**

Issued : Jun. 1,2002	Page : 4-2-16
Effective : Jun. 1,2002	UNIT : 1000YEN

Option (1000yen)

Length (mm)	Screw size code	15, 20			25		
	Screw size (in.)	1/2, 3/4			1		
	Mat'l code	A	C	D	A	C	D
Mat'l	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S	
0000<0150	26	28	37	30	32	40	
0151<0200	30	32	43	35	38	48	
0201<0250	33	36	48	40	44	55	
0251<0300	37	40	55	45	49	62	
0301<0350	43	46	62	52	57	70	
0351<0400	48	53	69	59	65	73	
0401<0450	52	56	77	63	68	82	
0451<0500	59	63	85	71	77	91	
0501<0550	65	70	94	80	86	108	
0551<0600	72	78	103	88	95	117	
0601<0650	79	85	112	97	104	128	
0651<0700	86	92	121	105	114	137	
0701<0750	93	100	131	114	123	149	
0751<0800	100	107	139	123	132	159	
0801<0850	108	115	149	132	142	169	
0851<0900	115	122	159	141	151	180	
0901<0950	122	130	169	149	161	192	
0951<1000	131	139	180	160	172	204	
1001<1100	171	154	233	219	234	260	
1101<1200	192	203	260	245	263	289	
1201<1300	213	225	286	271	291	317	
1301<1400	233	247	313	297	318	346	
1401<1500	254	268	332	324	346	368	

Option (1000yen)

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, Leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15
S	SF-6 stelite (Consults to sales)	-



Basic Model No	Table										Option			
ATT93														
Outer dia. (Root)	D1 (mm)													
Outer dia. (Tip)	D2 (mm)													
Inner dia. (Root)	d1 (mm)													
Inner dia. (Tip)	d2 (mm)													
Material	SUS304											A		
	NCF600 (Consults to sales)											B		
	SUS316											C		
	SUS310S											D		
Full length	L (mm)													
Screw std	JIS std screw										J	P		
	ANSI std screw										N	P		
Screw type	Taper											T		
Screw size(in)	3/4										2	0		
	1										2	5		
Insertion length	U (mm)													
Option	No selection										X			
	Color check										C			
	Oil free, water free treatment										D			
	Hydraulic pressure test, Leak test										L			
	Mill sheet										M			
	Radio-graphic test										N			
	Strength calculation sheet										R			
	SF-6 stelite (Consults to sales)										S			

Screw size code	20			25		
	3/4 (H=28mm)			1 (H=34mm)		
	A	C	D	A	C	D
Mat'l code	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S
Mat'l	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S
0000<0150	24	25	29	25	26	31
0151<0200	28	29	34	29	30	37
0201<0250	31	32	39	32	35	42
0251<0300	34	36	45	36	39	48
0301<0350	39	41	52	41	44	56
0351<0400	44	46	59	47	50	63
0401<0450	49	52	66	53	56	70
0451<0500	56	58	74	59	63	79
0501<0550	62	65	83	66	70	88
0551<0600	69	72	90	72	77	97
0601<0650	75	79	99	79	84	106
0651<0700	82	85	108	86	91	115
0701<0750	89	93	117	94	100	125
0751<0800	97	101	123	102	108	132
0801<0850	105	110	132	111	117	143
0851<0900	113	117	142	119	125	152
0901<0950	121	126	152	127	134	163
0951<1000	128	134	161	135	142	173
1001<1050	147	155	181	155	165	195
1051<1100	177	185	212	185	196	227
1101<1150	188	196	225	197	207	240
1151<1200	199	208	237	208	219	254
1201<1250	210	219	250	219	231	266
1251<1300	221	230	263	230	243	280
1301<1350	232	241	275	241	255	293
1351<1400	243	253	289	253	266	306
1401<1450	254	264	300	264	278	320
1451<1500	264	275	309	276	290	326

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, Leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15
S	SF-6 stelite (Consults to sales)	-

**Model: ATT9 □ Thermowell for Temperature  
Sensor ThermoPLUS Advanced Temperature  
ATT93 Threaded with wrench flats (Drilled type)**

Issued : Jun. 1, 2002	Page : 4-2-18
Effective : Jun. 1, 2002	UNIT : 1000YEN

Option (1000yen)

Length(mm)	Screw size code	20			25		
	Screw size(in.)	3/4 (H=28mm)			1 (H=34mm)		
	Mat'l code	A	C	D	A	C	D
	Mat'l	SUS304	SUS315	SUS310S	SUS304	SUS316	SUS310S
	0000<0150	24	25	29	25	26	31
	0151<0200	28	29	34	29	30	37
	0201<0250	31	32	39	32	35	42
	0251<0300	34	36	45	36	39	48
	0301<0350	39	41	52	41	44	56
	0351<0400	44	46	59	47	50	63
	0401<0450	49	52	66	53	56	70
	0451<0500	56	58	74	59	63	79
	0501<0550	62	65	83	66	70	88
	0551<0600	69	72	90	72	77	97
	0601<0650	75	79	99	79	84	106
	0651<0700	82	85	108	86	91	115
	0701<0750	89	93	117	94	100	125
	0751<0800	97	101	123	102	108	132
	0801<0850	105	110	132	111	117	143
	0851<0900	113	117	142	119	125	152
	0901<0950	121	126	152	127	134	163
	0951<1000	128	134	161	135	142	173
	1001<1050	147	155	181	155	165	195
	1051<1100	177	185	212	185	196	227
	1101<1150	188	196	225	197	207	240
	1151<1200	199	208	237	208	219	254
	1201<1250	210	219	250	219	231	266
	1251<1300	221	230	263	230	243	280
	1301<1350	232	241	275	241	255	293
	1351<1400	243	253	289	253	266	306
	1401<1450	254	264	300	264	278	320
	1451<1500	264	275	309	276	290	326

Option (1000yen)

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, Leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15
S	SF-6 stellite (Consults to sales)	-

**Model: ATT9** □ Thermowell  
**for Temperature Sensor**  
 ATT94 Welded tapered (Drilled type)

Issued : Jun. 1, 2002	Page : 4-2-19
Effective : Jun. 1, 2002	UNIT : 1000YEN

Issued : Jun. 1, 2002	Page : 4-2-20
Effective : Jun. 1, 2003	UNIT : 1000YEN

Basic Model No	Table										Option				
ATT94															
Outer dia. (Root)	D1 (mm)														
Outer dia. (Tip)	D2 (mm)														
Inner dia. (Root)	d1 (mm)														
Inner dia. (tip)	d2 (mm)														
Material	SUS304											A			
	NCF600 (Consults to sales)											B			
	SUS316											C			
	SUS310S											D			
Full length	L (mm)														
Insertion length	U (mm)														
Option	No selection											X			
	Color check											C			
	Oil free, Water free treatment											D			
	Hydraulic pressure test, Leak test											L			
	Mill sheet											M			
	Radio-graphic test											N			
	Strength calculatin sheet											R			
	SF-6 stelite (Consults to sales)											S			

Option		28			34		
External dia. (Root)		ØD1=28			ØD1=34		
(mm)		A	C	D	A	C	D
Full Length(mm)	Mat'l code	SUS304	SUS316	SUS310S	SUS304	SUS316	SUS310S
	Mat'l	SUS304	SUS316	SUS310S	SUS304	SUS316	SUS310S
	0000<0150	24	25	29	25	26	31
	0151<0200	28	29	34	29	30	37
	0201<0250	31	32	39	32	35	42
	0251<0300	34	36	45	36	39	48
	0301<0350	39	41	52	41	44	56
0351<0400	44	46	59	47	50	63	

Option		(1000yen)	
Code	Description	Price	
X	No selection	0	
C	Color check	12	
D	Oil free, water free treatment	8	
L	Hydraulic pressure test, Leak test	18	
M	Mill sheet	25	
N	Radio-graphic test	35	
R	Strength calculation sheet	15	
S	SF-6 stelite (Consults to sales)	-	

**Model: ATT9 □ Thermowell for Temperature  
Sensor ThermoPLUS Advanced Temperature  
ATT94 Welded tapered (Drilled type)**

Issued : Jun. 1, 2002	Page : 4-2-20
Effective : Jun. 1, 2003	UNIT : 1000YEN

**Option (1000yen)**

External dia. (Root)	28			34			
	ØD1=28			ØD1=34			
(mm)							
Mat'l code	A	C	D	A	C	D	
Mat'l	SUS304	SUS316	SUS310S	SUS304	SUS316	SUS310S	
Full Length(mm)	0000<0150	24	25	29	25	26	31
	0151<0200	28	29	34	29	30	37
	0201<0250	31	32	39	32	35	42
	0251<0300	34	36	45	36	39	48
	0301<0350	39	41	52	41	44	56
	0351<0400	44	46	59	47	50	63

**Option (1000yen)**

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, Leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15
S	SF-6 stelite (Consults to sales)	-



**Model: ATT9 □ Thermowell for Temperature**  
**Sensor ThermoPLUS Advanced Temperature**  
**ATT95 Flanged tapered (Drilled type)**

Option (tube portion)

(1000yen)

Insertion length (mm)	External dia. (Root)	Less than 28			Less than 34		
	(mm)	ØD1<28			29< Ø D1<34		
	Mat'l code	A	C	D	A	C	D
	Mat'l code	SUS304	SUS316	SUS310S	SUS304	SUS316	SUS310S
0000<0150	24	25	29	25	26	31	
0151<0200	28	29	34	29	30	37	
0201<0250	31	32	39	32	35	42	
0251<0300	34	36	45	36	39	48	
0301<0350	39	41	52	41	44	56	
0351<0400	44	46	59	47	50	63	
0401<0450	49	52	66	53	56	70	
0451<0500	56	58	74	59	63	79	
0501<0550	62	65	83	66	70	88	
0551<0600	69	72	90	72	77	97	
0601<0650	75	79	99	79	84	106	
0651<0700	82	85	108	86	91	115	
0701<0750	89	93	117	94	100	125	
0751<0800	97	101	123	102	108	132	
0801<0850	105	110	132	111	117	143	
0851<0900	113	117	142	119	125	152	
0901<0950	121	126	152	127	134	163	
0951<1000	130	135	162	136	143	174	
1001<1050	147	155	181	155	165	195	
1051<1100	177	185	212	185	196	227	
1101<1150	188	196	225	197	207	240	
1151<1200	199	208	237	208	219	254	
1201<1250	210	219	250	219	231	266	
1251<1300	221	230	263	230	243	280	
1301<1350	232	241	275	241	255	293	
1351<1400	243	253	289	253	266	306	
1401<1450	254	264	300	264	278	320	
1451<1500	264	275	309	276	290	326	

Option (Flange)

(1000Yen)

Flange mat'l	Flange Std	Face	Connection	20A	25A	40A	50A
A	J05/5K	RF	BL	21	22	26	28
	J10/10K	RF	BL	23	28	34	42
	J20/20K	RF	BL	23	29	35	43
C	J05/5K	RF	BL	22	23	28	30
	J10/10K	RF	BL	24	30	36	45
	J20/20K	RF	BL	25	32	37	47

Option (Flange)

(1000Yen)

Flange mat'l	Flange std	Face	Connection	Flange size			
				3/4B	1B	1.5B	2B
A	A15 P15	RF, FF	BL	23	25	30	44
		RF, FF	SO	26	28	34	49
		RJ,MJ	BL	-	33	39	54
		RJ,MJ	SO	-	36	42	58
	A30 P30	RF, FF	BL	27	30	44	-
		RF, FF	SO	32	35	52	-
		RJ,MJ	BL	36	39	54	-
		RJ,MJ	SO	40	43	60	-
	A60 P60	RF, FF	BL	30	32	50	-
		RF, FF	SO	35	37	56	-
		RJ,MJ	BL	37	39	57	-
		RJ,MJ	SO	41	44	63	-
C	A15 P15	RF, FF	BL	24	26	32	48
		RF, FF	SO	27	30	37	53
		RJ,MJ	BL	-	35	41	58
		RJ,MJ	SO	-	38	46	63
	A30 P30	RF, FF	BL	29	32	49	-
		RF, FF	SO	35	39	57	-
		RJ,MJ	BL	39	41	59	-
		RJ,MJ	SO	43	47	66	-
	A60 P60	RF, FF	BL	32	35	54	-
		RF, FF	SO	38	41	63	-
		RJ,MJ	BL	39	42	61	-
		RJ,MJ	SO	44	48	69	-

**Model: ATT9** □ Thermowell  
**for Temperature Sensor ThermoPLUS**  
**ATT97 Threaded (Pipe type)**

Basic Model No.		Table		Option	
ATT97					
Outer dia. (mm)	D1(mm) Ø12mm	1	2		
	Ø15mm	1	5		
	Ø21.7mm	9	4		
Material	SUS304	A			
	NCF600 (Consults to sales)	B			
	SUS316	C			
	SUS310S	D			
Insertion length	U (mm)				
Screw std	JIS std screw	J	P		
	ANSI std screw	N	P		
Screw type	Taper			T	
	Streight			F	
Screw size(in)	1/2				
	3/4				
	1				
Screw material	SUS304				
	SUS316				
Option	No selection			X	
	Color check			C	
	Oil free, water free			D	
	Hydraulic pressure test, Leak test			L	
	Mill sheet			M	
	Radio-graphic test			N	
Strength calculation sheet			R		

Option (1000Yen)

Mat'l code	A			C			D
Mat'l	SUS304			SUS316			SUS310S
External dia. code	12	15	94	12	15	94	94
External dia.	Ø12	Ø15	Ø21.7	Ø12	Ø15	Ø21.7	Ø21.7
0000<0200	13	13	14	14	15	16	16
0201<300	13	14	15	14	16	17	17
0301<0400	14	15	15	15	17	18	19
0401<0500	15	17	18	17	19	21	22
0501<0600	19	21	22	21	23	25	27
0601<0700	20	21	23	22	25	27	28
0701<0800	20	22	23	23	25	28	29
0801<0900	21	23	24	23	26	29	31
0901<1000	22	24	26	25	29	32	33
1001<1200	23	25	27	26	31	35	36
1201<1500	24	27	29	28	34	38	41

Option (Screw portion) (1000yen)

	Mat'l code	A	C
	Mat'l	SUS304	SUS316
Screw size	15	30	30
	20	33	34
	25	37	39

Option (1000yen)

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, Leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15

**Model: ATT9 □ Thermowell for Temperature**  
**Sensor ThermoPLUS Advanced Temperature**  
**ATT97 Threaded (Pipe type)**

Issued : Jun. 1, 2002	Page : 4-2-24
Effective : Jun. 1, 2002	UNIT : 1000YEN

Option (1000Yen)

Insertion length(mm)	Mat'l code	A			C			D
	Mat'l	SUS304			SUS316			SUS310S
	External dia. code	12	15	94	12	15	94	94
	External dia.	Ø12	Ø15	Ø21.7	Ø12	Ø15	Ø21.7	Ø21.7
0000<0200	13	13	14	14	15	16	16	
0201<300	13	14	15	14	16	17	17	
0301<0400	14	15	15	15	17	18	19	
0401<0500	15	17	18	17	19	21	22	
0501<0600	19	21	22	21	23	25	27	
0601<0700	20	21	23	22	25	27	28	
0701<0800	20	22	23	23	25	28	29	
0801<0900	21	23	24	23	26	29	31	
0901<1000	22	24	26	25	29	32	33	
1001<1200	23	25	27	26	31	35	36	
1201<1500	24	27	29	28	34	38	41	

Option (Screw portion) (1000yen)

Screw size	Mat'l code	A	C
	Mat'l	SUS304	SUS316
15	30	30	
20	33	34	
25	37	39	

Option (1000yen)

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free treatment	8
L	Hydraulic pressure test, Leak test	18
M	Mill sheet	25
N	Radio-graphic test	35
R	Strength calculation sheet	15



**Model: ATT9 □ Thermowell for Temperature**

**Sensor ThermoPLUS Advanced**

**ATT98 Flanged (Pipe type)**

Issued : Jun. 1,2002	Page : 4-2-26
Effective : Jun. 1,2002	UNIT : 1000YEN

Option (Tube portion) (1000yen)

Mat'l code	A		C		D
	SUS304		SUS316		SUS310S
External dia. code	12,15	94	12,15	94	94
External dia.	Ø12, Ø15	Ø21.7	Ø12, Ø15	Ø21.7	Ø21.7
Insertion length(mm)	0000<0200	13	13	13	13
	0201<300	13	13	13	13
	0301<0400	13	13	13	13
	0401<0500	13	13	13	13
	0501<0600	13	13	13	13
	0601<0700	13	13	13	13
	0701<0800	13	13	13	13
	0801<0900	13	13	13	13
	0901<1000	13	13	13	13
	1001<1200	13	13	13	13
	1201<1500	13	13	13	13

Option (Flange portion) (1000yen)

Flange mat'l	Flange std	Flange size			
		20	25	40	50
A	J10	12	13	14	15
	J20	13	15	17	20
	A15	23	17	21	44
	A30	27	19	24	-
C	J10	14	17	18	20
	J20	25	32	37	47
	A15	24	21	30	48
	A30	29	24	36	-

option (1000yen)

Code	Description	Price
X	No selection	0
C	Color check	12
D	Oil free, water free	8
F	FEP cover (Consults to sales)	-
G	Glass coating (Consults to sales)	-
L	Hydraulic pressure test	18
M	Mill sheet	25
N	Radio-graphic test	35
P	PFA colating (Consults to sales)	-
R	Strength calculation test	15