JMB (JIS BINDING HEAD MACHINE & TAPPING SCREW)

SIZE	D		H	K		H+K		a		b		R	M	Q		Punch
(d)	Dim.	+/-	Dim.	Dim.	+/-	Dim.	+/-	Dim.	+/-	Dim.	+/-	Min.	Max.	Max.	Min.	Code
M2	4.3		0.85	0.35		1.2		0.6		0.65		0.1	2.2	1.01	0.65	JMBM2.0
M2.2	4.7		0.9	0.4		1.3		0.6		0.7	±0.1	0.1	2.3	1.11	0.75	JMB M2.2
M2.3	4.9	0 -0.4	1	0.4	±0.1	1.4	±0.15	0.6		0.7		0.1	2.4	1.21	0.85	JMB M2.3
M2.5	5.3		1	0.5		1.5		0.8		0.8		0.1	2.5	1.32	0.95	JMB M2.5
M2.6	5.5		1.1	0.5		1.6		0.8	+0.15 0	0.85	±0.15	0.1	2.6	1.42	1.05	JMB M2.6
M3	6.3		1.3	0.6		1.9		0.8		1		0.1	3.6	1.53	1.01	JMB M3.0
M3.5	7.3	0 -0.5	1.5	0.7		2.2		1		1.15	±0.2	0.1	3.9	1.83	1.30	JMB M3.5
M4	8.3		1.7	0.8		2.5		1		1.3		0.2	4.2	2.13	1.60	JMB M4.0
M4.5	9.3	0 -0.6	1.9	0.9	±0.15	2.8	±0.2	1		1.5	±0.25	0.2	4.6	2.53	1.99	JMB M4.5
M5	10.3		2.1	1		3.1		1.2		1.7		0.2	4.9	2.83	2.29	JMB M5.0
M6	12.4	0 -0.7	2.4	1.3		3.7		1.2	+0.2 0	2	±0.3	0.25	6.2	2.86	2.31	JMB M6.0
M8	16.4	0 -0.8	3.1	1.7	±0.2	4.8	±0.3	1.6		2.8	±0.5	0.4	7.7	4.36	3.78	JMB M8.0

Remarks: **Dim.** = Dimension
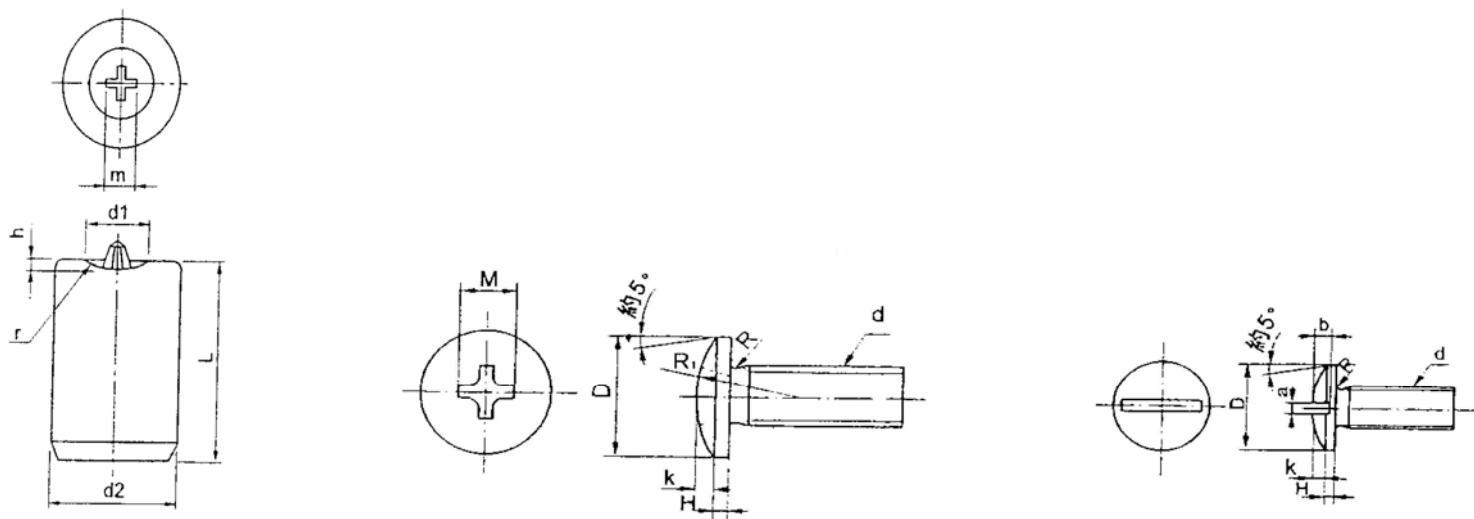
JMF （JIS FLAT HEAD MACHINE & TAPPING SCREW）

SIZE	D		H		c	a		b		R	M	Q		Punch
(d)	Dim.	+/-	Dim.	+/-	App.	Dim.	+/-	Dim.	+/-	Min.	Max.	Max.	Min.	Code
M2	4		1.2		0.2	0.6		0.5		0.2	2.2	1.01	0.66	JMF M2.0
M2.2	4.4		1.3		0.2	0.6		0.5		0.22	2.4	1.21	0.85	JMF M2.2
M2.3	4.6	0 -0.4	1.35	0 -0.2	0.2	0.6		0.5	±0.1	0.23	2.4	1.21	0.85	JMF M2.3
M2.5	5		1.45		0.2	0.8		0.6		0.25	2.6	1.42	1.05	JMF M2.5
M2.6	5.2		1.5		0.2	0.8	+0.15 0	0.6		0.26	2.6	1.42	1.05	JMF M2.6
M3	6		1.75		0.25	0.8		0.7		0.3	3.5	1.43	0.91	JMF M3.0
M3.5	7	0 -0.5	2		0.25	1		0.8	±0.15	0.35	4.0	1.93	1.40	JMF M3.5
M4	8		2.3	0 -0.3	0.3	1		0.9		0.4	4.4	2.33	1.79	JMF M4.0
M4.5	9	0 -0.6	2.55		0.3	1		1	±0.2	0.45	4.8	2.73	2.19	JMF M4.5
M5	10		2.8		0.3	1.2		1.1		0.5	5.0	2.93	2.38	JMF M5.0
M6	12	0 -0.7	3.4	0 -0.4	0.4	1.2	+0.2 0	1.4	±0.25	0.6	6.6	3.26	2.70	JMF M6.0
M8	16	0 -0.8	4.4		0.4	1.6		1.8	±0.3	0.8	8.3	4.96	4.36	JMF M8.0

Remarks: **Dim.** = Dimension; **App.** =Approximately
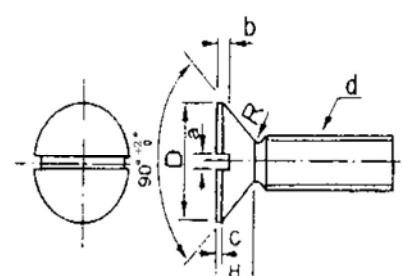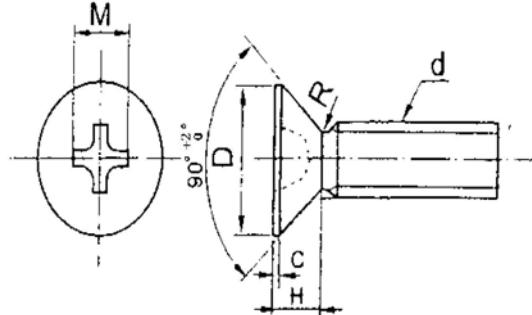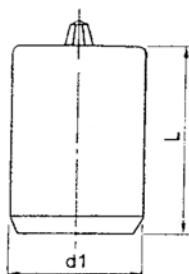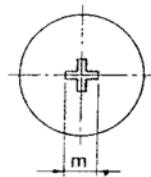
JMO (JIS OVAL HEAD MACHINE & TAPPING SCREW)

SIZE	D		H		c	K	H+K		a		b		R	M	Q		Punch
(d)	Dim	+/-	Dim	+/-	App.	App.	Dim.	+/-	Dim.	+/-	Dim.	+/-	Min.	Max.	Max.	Min.	Code
M2	4		1.2		0.2	0.4	1.6		0.6		0.7		0.2	2.4	1.21	0.85	JMO M2.0
M2.2	4.4		1.3		0.2	0.5	1.8		0.6		0.8		0.22	2.7	1.52	1.14	JMO M2.2
M2.3	4.6	0 -0.4	1.35	0 -0.2	0.2	0.5	1.85	0 -0.4	0.6		0.8	±0.15	0.23	2.7	1.52	1.14	JMO M2.3
M2.5	5		1.45		0.2	0.55	2		0.8		0.9		0.26	2.9	1.72	1.34	JMO M2.5
M2.6	5.2		1.5		0.2	0.6	2.1		0.8	+0.15 0	0.9		0.26	2.9	1.72	1.34	JMO M2.6
M3	6		1.75		0.25	0.7	2.45		0.8		1.1	±0.2	0.3	3.7	1.63	1.11	JMO M3.0
M3.5	7	0 -0.5	2		0.25	0.8	2.8		1		1.2		0.35	4.2	2.13	1.60	JMO M3.5
M4	8		2.3	0 -0.3	0.3	0.9	3.2	0 -0.5	1		1.4	±0.25	0.4	4.6	2.53	1.99	JMO M4.0
M4.5	9	0 -0.6	2.55		0.3	1	3.55		1		1.5		0.45	5.0	2.93	2.38	JMO M4.5
M5	10		2.8		0.3	1.2	4		1.2		1.7	±0.3	0.5	5.2	3.13	2.58	JMO M5.0
M6	12	0 -0.7	3.4	0 -0.4	0.4	1.4	4.8	0 -0.6	1.2	+0.2 0	2.1	±0.4	0.6	6.8	3.46	2.90	JMO M6.0
M8	16	0 -0.8	4.4		0.4	1.8	6.2		1.6		2.7	±0.5	0.8	8.5	5.16	4.56	JMO M8.0

Remarks: **Dim.** = Dimension; **App.** =Approximately
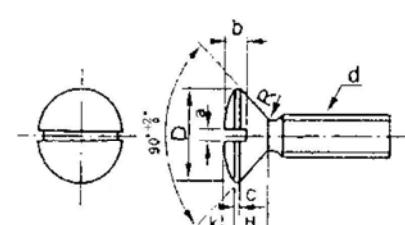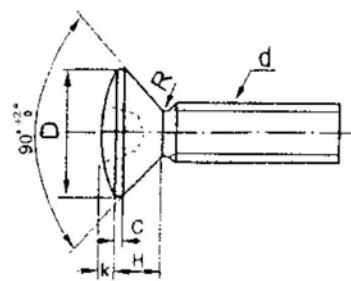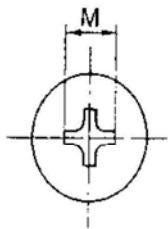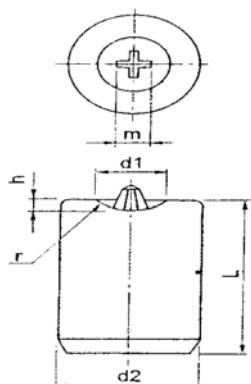
JIS — Header Punch Type

JMP (JIS PAN HEAD MACHINE & TAPPING SCREW)

SIZE	D		H		R1	R2	a		b		R	M	Q		Punch
(d)	Dim.	+/-	Dim.	+/-	App.	App.	Dim.	+/-	Dim.	+/-	Min.	Max.	Max.	Min.	Code
M2	3.5	0 -0.4	1.3	±0.1	4.5	0.7	0.6	+0.15 0	0.7	±0.1	0.1	2.2	1.01	0.60	JMP M2.0
M2.2	4		1.5		5	0.8	0.6		0.8		0.1	2.4	1.21	0.80	JMP M2.3
M2.3	4		1.5		5	0.8	0.6		0.8		0.1	2.4	1.21	0.80	JMP M2.3
M2.5	4.1		1.7		6	0.9	0.8		0.9		0.1	2.6	1.42	1.00	JMP M2.6
M2.6	4.5		1.7		6	0.9	0.8		0.9	±0.15	0.1	2.6	1.42	1.00	JMP M2.6
M3	5.5		2		7	1.1	0.8		1.1		0.1	3.5	1.43	0.86	JMP M3.0
M3.5	6	0 -0.5	2.3		8	1.3	1		1.25	±0.2	0.1	3.8	1.73	1.15	JMP M3.5
M4	7		2.6	±0.15	9	1.5	1		1.4		0.2	4.1	2.03	1.45	JMP M4.0
M4.5	8	0 -0.6	2.9		11	1.7	1		1.6	±0.25	0.2	4.5	2.43	1.84	JMP M4.5
M5	9		3.3		12	1.9	1.2	+0.2 0	1.8	±0.3	0.2	4.8	2.73	2.14	JMP M5.0
M6	10.5	0 -0.7	3.9	±0.2	14	2.3	1.2		2.1		0.25	6.2	2.86	2.26	JMP M6.0
M8	14	0 -0.8	5.2		18	3	1.6		2.8	±0.5	0.4	7.7	4.36	3.73	JMP M8.0

Remarks: **Dim.** = Dimension; **App.** =Approximately

JIS
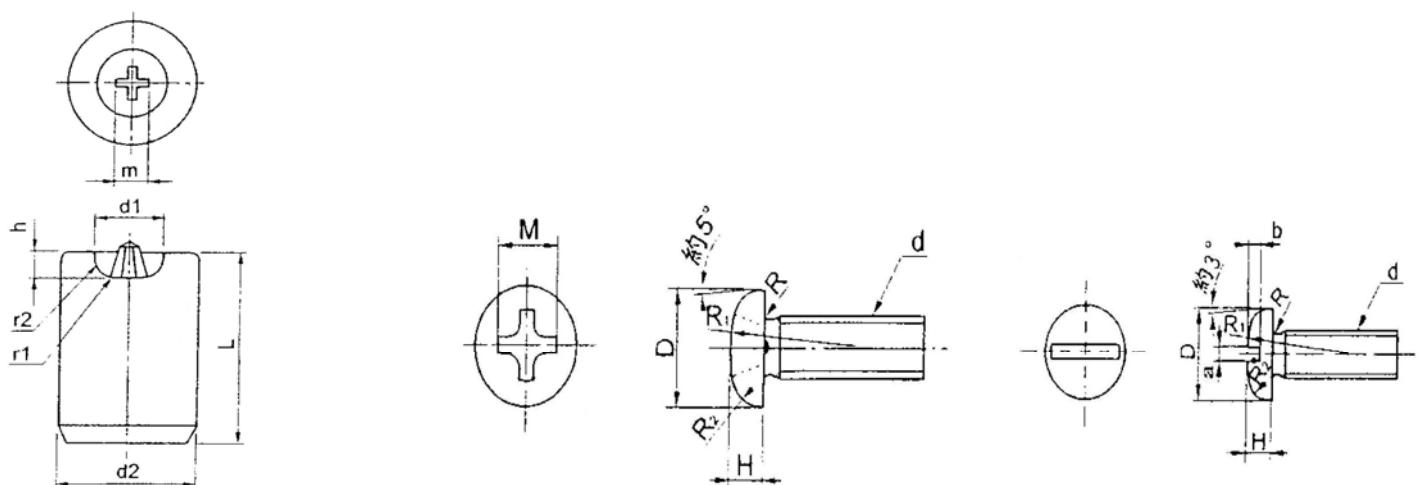
JMR (JIS ROUND HEAD MACHINE & TAPPING SCREW)

SIZE	D		H		R1	R2	a		b		R	M	Q		Punch
(d)	Dim.	+/-	Dim.	+/-	App.	App.	Dim.	+/-	Dim.	+/-	Min.	Max.	Max.	Min.	Code
M2	3.5		1.3		2.1	1.2	0.6		0.8	±0.1	0.1	2.1	0.91	0.50	JMR M2.0
M2.2	4		1.5		2.4	1.3	0.6		0.9		0.1	2.3	1.11	0.70	JMR M2.3
M2.3	4	0 -0.4	1.5	±0.1	2.4	1.3	0.6		0.9	±0.15	0.1	2.3	1.11	0.70	JMR M2.3
M2.5	4.5		1.7		2.7	1.5	0.8		1		0.1	2.5	1.32	0.90	JMR M2.6
M2.6	4.5		1.7		2.7	1.5	0.8	+0.15 0	1		0.1	2.5	1.32	0.90	JMR M2.6
M3	5.5		2		3.3	1.8	0.8		1.2	±0.2	0.1	3.4	1.33	0.76	JMR M3.0
M3.5	6	0 -0.5	2.3		3.6	2	1		1.4		0.1	3.7	1.63	1.06	JMR M3.5
M4	7		2.6	±0.15	4.2	2.3	1		1.6	±0.25	0.2	4.0	1.93	1.35	JMR M4.0
M4.5	8	0 -0.6	3		4.8	2.7	1		1.9	±0.3	0.2	4.4	2.33	1.74	JMR M4.5
M5	9		3.4		5.4	3	1.2		2.1		0.2	4.7	2.63	2.04	JMR M5.0
M6	10.5	0 -0.7	4	±0.2	6.3	3.5	1.2	+0.2 0	2.5	±0.4	0.25	6.1	2.76	2.16	JMR M6.0
M8	14	0 -0.8	5.4		8.4	4.6	1.6		3.3	±0.5	0.4	7.6	4.26	3.63	JMR M8.0

Remarks: **Dim.** = Dimension; **App.** =Approximately
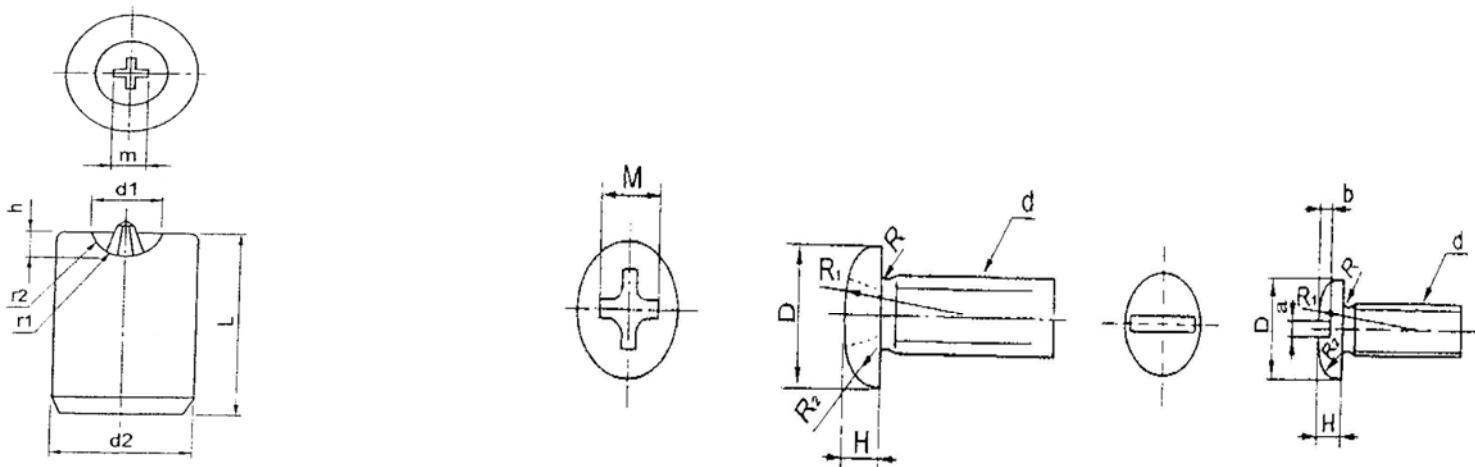
JMT (JIS TRUSS HEAD MACHINE & TAPPING SCREW)

SIZE	D		H		R1	a		b		R	M	Q		Punch
(d)	Dim.	+/-	Dim.	+/-	App.	Dim.	+/-	Dim.	+/-	Min.	Max.	Max.	Min.	Code
M2	4.5	0 -0.4	1.2	±0.1	3	0.6	+0.15 0	0.6	±0.1	0.1	2.2	1.01	0.65	JMT M2.0
M2.2	5		1.3		3.2	0.6		0.65		0.1	2.3	1.11	0.75	JMT M2.2
M2.3	5.2		1.4		3.4	0.6		0.7		0.1	2.4	1.21	0.85	JMT M2.3
M2.5	5.7		1.5		3.7	0.8		0.75		0.1	2.5	1.32	0.95	JMT M2.5
M2.6	5.9		1.6		3.9	0.8		0.8		0.1	2.6	1.42	1.05	JMT M2.6
M3	6.9	0 -0.5	1.9	±0.15	4.6	0.8		0.95	±0.15	0.1	2.9	1.72	1.34	JMT M3.0
M3.5	8.1		2.2		5.4	1		1.1		0.1	3.9	1.83	1.30	JMT M3.5
M4	9.4		2.5		6.1	1		1.25	±0.2	0.2	4.2	2.13	1.60	JMT M4.0
M4.5	10.6	0 -0.6	2.8		6.9	1		1.4		0.2	4.6	2.53	1.99	JMT M4.5
M5	11.8		3.1		7.7	1.2	+0.2 0	1.6	±0.25	0.2	4.9	2.83	2.29	JMT M5.0
M6	14	0 -0.7	3.7	±0.2	9.1	1.2		1.9	±0.3	0.25	6.2	2.86	2.31	JMT M6.0
M8	17.8	0 -0.8	4.8		11.7	1.6		2.4	±0.4	0.4	7.7	4.36	3.78	JMT M8.0

Remarks: **Dim.** = Dimension; **App.** =Approximately

JIS
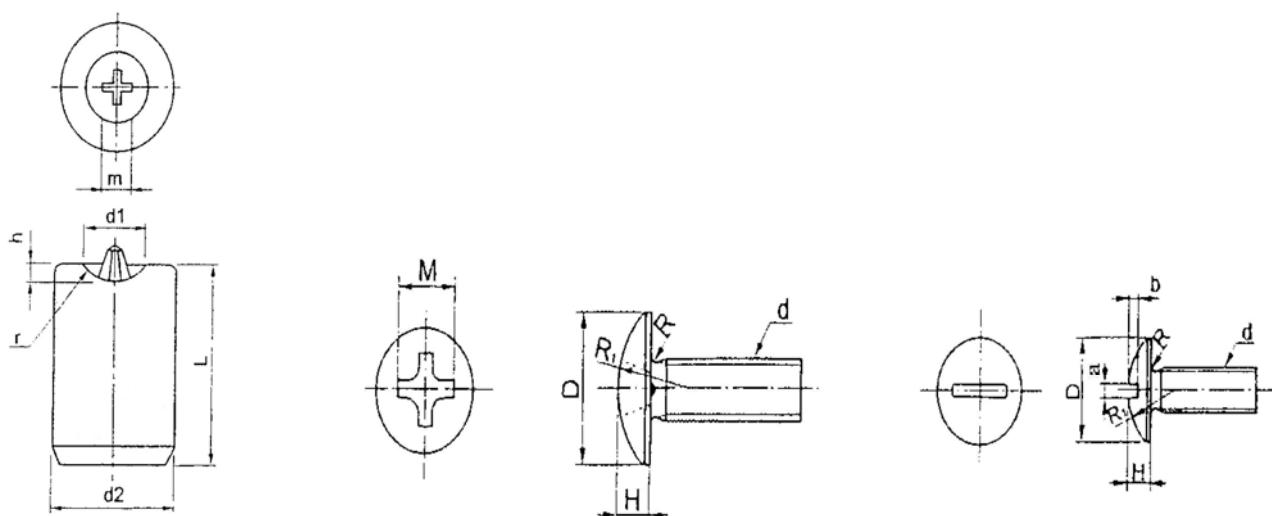
Header Punch Type

JWF （JIS FLAT HEAD WOOD SCREW）

SIZE	d		D		H		C	a		b		M	Q		Punch
(d)	Dim.	+/-	Dim.	+/-	Dim.	+/-	App.	Dim.	+/-	Dim.	+/-	Max.	Max.	Min.	Code
M2.1	2.1	±0.07	4.2	0 -0.4	1.25	0 -0.2	0.2	0.6	+0.15 0	0.5	±0.1	2.5	1.32	0.95	JWF M2.1
M2.4	2.4		4.8		1.4		0.2	0.7		0.6	±0.15	2.7	1.52	1.14	JWF M2.4
M2.7	2.7		5.4		1.55		0.2	0.8		0.7		2.9	1.72	1.34	JWF M2.7
M3.1	3.1		6.2		1.8		0.25	0.9		0.8		3.8	1.73	1.20	JWF M3.1
M3.5	3.5	±0.1	7	0 -0.5	2		0.25	1		0.9	±0.2	4.2	2.13	1.60	JWF M3.5
M3.8	3.8		7.6		2.15		0.25	1		0.9		4.5	2.43	1.89	JWF M3.8
M4.1	4.1		8.2		2.35	0 -0.3	0.3	1.2	+0.2 0	1		4.8	2.73	2.19	JWF M4.1
M4.5	4.5		9		2.55		0.3	1.2		1.1		5.2	3.13	2.58	JWF M4.5
M4.8	4.8	±0.12	9.6	0 -0.6	2.7		0.3	1.3		1.2		5.4	3.33	2.77	JWF M4.8
M5.1	5.1		10.2		2.85		0.3	1.4		1.2	±0.25	6.4	3.06	2.50	JWF M5.1
M5.5	5.5		11		3.05		0.3	1.4		1.3		6.7	3.36	2.80	JWF M5.5
M5.8	5.8		11.6	0 -0.7	3.2	0 -0.4	0.3	1.6	+0.25 0	1.4		7.0	3.66	3.09	JWF M5.8
M6.2	6.2		12.4		3.5		0.4	1.6		1.5	±0.3	7.3	3.96	3.39	JWF M6.2

Remarks: **Dim.** = Dimension; **App.** =Approximately

JIS Header Punch Type

JWO (JIS OVAL HEAD WOOD SCREW)

SIZE	d		D		H		C	K	H+K		a		b		M	Q		Punch Code
(d)	Dim	+/-	Dim	+/-	Dim	+/-	App	App	Dim	+/-	Dim	+/-	Dim	+/-	Max	Max	Min	
M2.1	2.1		4.2		1.25		0.2	0.5	1.75		0.6	+0.15 0	0.9		2.7	1.52	1.14	JWO M2.1
M2.4	2.4		4.8	0 -0.4	1.4	0 -0.2	0.2	0.6	2	0 -0.4	0.7		1	±0.15	2.9	1.72	1.34	JWO M2.4
M2.7	2.7	±0.07	5.4		1.55		0.2	0.7	2.25		0.8		1.1		3.1	1.92	1.54	JWO M2.7
M3.1	3.1		6.2		1.8		0.25	0.8	2.6		0.9		1.3	±0.2	3.9	1.83	1.30	JWO M3.1
M3.5	3.5		7	0 -0.5	2		0.25	0.8	2.8		1		1.4		4.3	2.23	1.69	JWO M3.5
M3.8	3.8	±0.1	7.6		2.15		0.25	0.9	3.05		1		1.5	±0.25	4.6	2.53	1.99	JWO M3.8
M4.1	4.1		8.2		2.35	0 -0.3	0.3	1	3.35	0 -0.5	1.2	+0.2 0	1.7		4.9	2.83	2.28	JWO M4.1
M4.5	4.5		9		2.55		0.3	1.1	3.65		1.2		1.8		5.3	3.23	2.68	JWO M4.5
M4.8	4.8		9.6	0 -0.6	2.7		0.3	1.1	3.8		1.3		1.9	±0.3	5.5	3.43	2.87	JWO M4.8
M5.1	5.1		10.2		2.85		0.3	1.2	4.05		1.4		2		6.5	3.16	2.60	JWO M5.1
M5.5	5.5	±0.12	11		3.05		0.3	1.3	4.35		1.4		2.2		6.8	3.46	2.90	JWO M5.5
M5.8	5.8		11.6	0 -0.7	3.2	0 -0.4	0.3	1.4	4.6	0 -0.6	1.6	+0.25 0	2.3	±0.4	7.1	3.76	3.19	JWO M5.8
M6.2	6.2		12.4		3.5		0.4	1.4	4.9		1.6		2.5		7.4	4.06	3.48	JWO M6.2

Remarks: **Dim.** = Dimension; **App.** =Approximately
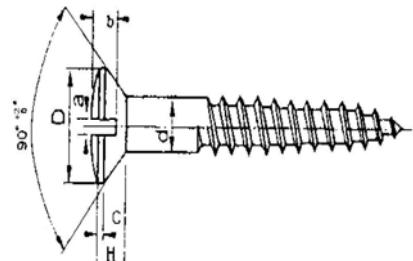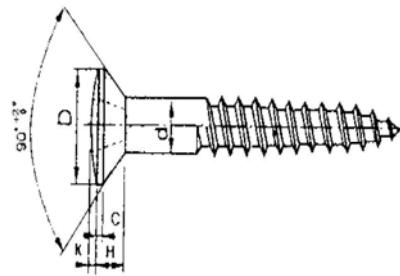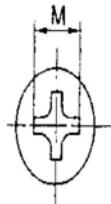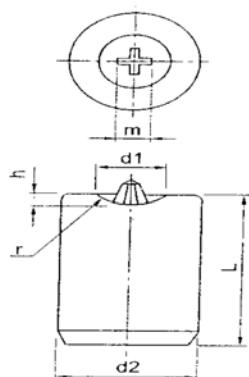
JWR (JIS ROUND HEAD WOOD SCREW)

SIZE	d		D		H		R1	R2	a		b		M	Q		Punch
(d)	Dim.	+/-	Dim.	+/-	Dim.	+/-	App.	App.	Dim.	+/-	Dim.	+/-	Max.	Max.	Min.	Code
M2.1	2.1		3.9		1.6	±0.1	2.3	1.4	0.6	+0.15 0	1	± 0.15	2.5	1.32	0.90	JWR M2.1
M2.4	2.4	± 0.07	4.4	±0.2	1.8		2.6	1.5	0.7		1.1		2.7	1.52	1.10	JWR M2.4
M2.7	2.7		5		2		3	1.7	0.8		1.2	±0.2	2.9	1.72	1.29	JWR M2.7
M3.1	3.1		5.7		2.3		3.4	1.9	0.9		1.4		3.7	1.63	1.06	JWR M3.1
M3.5	3.5		6.5	± 0.25	2.5		4	2.1	1		1.6	± 0.25	3.9	1.83	1.25	JWR M3.5
M3.8	3.8	±0.1	7		2.7		4.4	2.3	1		1.7		4.1	2.03	1.45	JWR M3.8
M4.1	4.1		7.6		2.9	± 0.15	4.8	2.4	1.2	+0.20 0	1.8		4.3	2.23	1.64	JWR M4.1
M4.5	4.5		8.3		3.1		5.2	2.6	1.2		1.9	±0.3	4.5	2.43	1.84	JWR M4.5
M4.8	4.8		8.9	±0.3	3.3		5.7	2.8	1.3		2		4.7	2.63	2.04	JWR M4.8
M5.1	5.1		9.4		3.5		6	2.9	1.4		2.2		5.9	2.56	1.96	JWR M5.1
M5.5	5.5	± 0.12	10.2		3.8		6.5	3.2	1.4		2.4	±0.4	6.1	2.76	2.16	JWR M5.5
M5.8	5.8		10.7	± 0.35	4	±0.2	6.9	3.3	1.6	+0.25 0	2.5		6.3	2.96	2.36	JWR M5.8
M6.2	6.2		11.5		4.2		7.4	3.5	1.6		2.6		6.6	3.26	2.65	JWR M6.2

Remarks: **Dim.** = Dimension; **App.** =Approximately