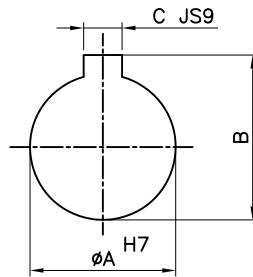


DO NOT SCALE

ALL DIMENSIONS ARE IN mm.

METRIC
IS:2048-1962
DIN-6885/1



SET SCREW	△ LENGTH
M5	5, 10, 16
M6	6, 12
M10	10, 20
M12	12, 16, 20
M16	20, 30
M20	30

BORE SIZE (øA) H7	DEPTH (B)	KEYWAY WIDTH (C) JS9	SET SCREW
5 $\begin{smallmatrix} +0.012 \\ -0.000 \end{smallmatrix}$	6 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	2 ± 0.015	—
6 $\begin{smallmatrix} +0.012 \\ -0.000 \end{smallmatrix}$	7 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	2 ± 0.015	—
7 $\begin{smallmatrix} +0.015 \\ -0.000 \end{smallmatrix}$	8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	2 ± 0.015	—
8 $\begin{smallmatrix} +0.015 \\ -0.000 \end{smallmatrix}$	9 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	2 ± 0.015	—
9 $\begin{smallmatrix} +0.015 \\ -0.000 \end{smallmatrix}$	10.4 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	3 ± 0.015	M5X0.8P
10 $\begin{smallmatrix} +0.015 \\ -0.000 \end{smallmatrix}$	11.4 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	3 ± 0.015	M5X0.8P
11 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	12.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	4 ± 0.015	M5X0.8P
12 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	13.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	4 ± 0.015	M5X0.8P
13 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	15.3 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	5 ± 0.015	M5X0.8P
14 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	16.3 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	5 ± 0.015	M5X0.8P
15 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	17.3 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	5 ± 0.015	M5X0.8P
16 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	18.3 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	5 ± 0.015	M5X0.8P
17 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	19.3 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	5 ± 0.015	M5X0.8P
18 $\begin{smallmatrix} +0.018 \\ -0.000 \end{smallmatrix}$	20.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	6 ± 0.015	M5X0.8P
19 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	21.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	6 ± 0.015	M5X0.8P
20 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	22.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	6 ± 0.015	M5X0.8P
21 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	23.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	6 ± 0.015	M5X0.8P
22 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	24.8 $\begin{smallmatrix} +0.1 \\ -0.0 \end{smallmatrix}$	6 ± 0.015	M5X0.8P
23 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	26.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	8 ± 0.018	M6X1P
24 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	27.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	8 ± 0.018	M6X1P
25 $\begin{smallmatrix} +0.021 \\ -0.000 \end{smallmatrix}$	28.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	8 ± 0.018	M6X1P

DMRN 2176		SET SCREW LENGTH CHANGED, M12X1.75P SET SCREW FOR BORE 60 TO 75 WAS M16X2P.		25/10/4	
1	GRD				
REV	SIGN	ALTERATION	DATE		

TITLE STD F.B. & KW DETAILS

MATERIAL

SCALE: NTS

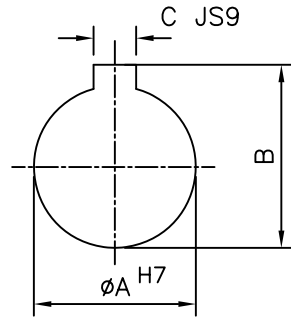


PARTY

DO NOT SCALE

ALL DIMENSIONS ARE IN mm.

METRIC
IS:2048-1962
DIN-6885/1



SET SCREW	△ LENGTH
M5	5, 10, 16
M6	6, 12
M10	10, 20
M12	12, 16, 20
M16	20, 30
M20	30

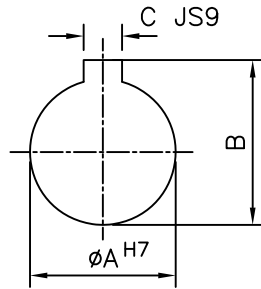
BORE SIZE (øA) H7	DEPTH (B)	KEYWAY WIDTH (C) JS9	SET SCREW
26 +0.021 -0.000	29.3 +0.2 -0.0	8 ±0.018	M6X1P
27 +0.021 -0.000	30.3 +0.2 -0.0	8 ±0.018	M6X1P
28 +0.021 -0.000	31.3 +0.2 -0.0	8 ±0.018	M6X1P
29 +0.021 -0.000	32.3 +0.2 -0.0	8 ±0.018	M6X1P
30 +0.021 -0.000	33.3 +0.2 -0.0	8 ±0.018	M6X1P
31 +0.025 -0.000	34.3 +0.2 -0.0	10 ±0.018	M6X1P
32 +0.025 -0.000	35.3 +0.2 -0.0	10 ±0.018	M6X1P
33 +0.025 -0.000	36.3 +0.2 -0.0	10 ±0.018	M6X1P
34 +0.025 -0.000	37.3 +0.2 -0.0	10 ±0.018	M6X1P
35 +0.025 -0.000	38.3 +0.2 -0.0	10 ±0.018	M6X1P
36 +0.025 -0.000	39.3 +0.2 -0.0	10 ±0.018	M6X1P
37 +0.025 -0.000	40.3 +0.2 -0.0	10 ±0.018	M6X1P
38 +0.025 -0.000	41.3 +0.2 -0.0	10 ±0.018	M6X1P
39 +0.025 -0.000	42.3 +0.2 -0.0	12 ±0.021	M10X1.5P
40 +0.025 -0.000	43.3 +0.2 -0.0	12 ±0.021	M10X1.5P
41 +0.025 -0.000	44.3 +0.2 -0.0	12 ±0.021	M10X1.5P
42 +0.025 -0.000	45.3 +0.2 -0.0	12 ±0.021	M10X1.5P
43 +0.025 -0.000	46.3 +0.2 -0.0	12 ±0.021	M10X1.5P
44 +0.025 -0.000	47.3 +0.2 -0.0	12 ±0.021	M10X1.5P
45 +0.025 -0.000	48.8 +0.2 -0.0	14 ±0.021	M10X1.5P
46 +0.025 -0.000	49.8 +0.2 -0.0	14 ±0.021	M10X1.5P
47 +0.025 -0.000	50.8 +0.2 -0.0	14 ±0.021	M10X1.5P
48 +0.025 -0.000	51.8 +0.2 -0.0	14 ±0.021	M10X1.5P
49 +0.025 -0.000	52.8 +0.2 -0.0	14 ±0.021	M10X1.5P
50 +0.025 -0.000	53.8 +0.2 -0.0	14 ±0.021	M10X1.5P

DMRN 2176		TITLE STD F.B. & KW DETAILS		MATERIAL		SCALE: NTS			
1		SET SCREW LENGTHS CHANGED, SIZE ADDITION OF M12 SET SCREW LENGTHS 12,16, 20.		PARTY					
REV SIGN		ALTERATION		DATE					

DO NOT SCALE

ALL DIMENSIONS ARE IN mm.

METRIC
IS:2048-1962
DIN-6885/1



SET SCREW	△ LENGTH
M5	5, 10, 16
M6	6, 12
M10	10, 20
M12	12, 16, 20
M16	20, 30
M20	30

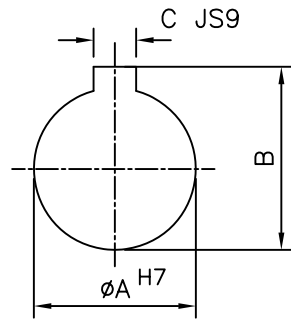
BORE SIZE (ØA) H7	DEPTH (B)	KEYWAY WIDTH (C) JS9	SET SCREW
52 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	56.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	16 ± 0.021	M10X1.5P
54 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	58.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	16 ± 0.021	M10X1.5P
55 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	59.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	16 ± 0.021	M10X1.5P
58 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	62.3 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	16 ± 0.021	M10X1.5P
△ 59 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	△ 63.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	△ 18 ± 0.021	△ M12X1.75P
60 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	64.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	18 ± 0.021	△ M12X1.75P
62 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	66.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	18 ± 0.021	△ M12X1.75P
64 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	68.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	18 ± 0.021	△ M12X1.75P
65 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	69.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	18 ± 0.021	△ M12X1.75P
68 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	72.9 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	20 ± 0.026	△ M12X1.75P
70 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	74.9 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	20 ± 0.026	△ M12X1.75P
72 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	76.9 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	20 ± 0.026	△ M12X1.75P
74 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	78.9 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	20 ± 0.026	△ M12X1.75P
75 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	79.9 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	20 ± 0.026	△ M12X1.75P
78 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	83.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	22 ± 0.026	M16X2P
80 $\begin{smallmatrix} +0.030 \\ -0.000 \end{smallmatrix}$	85.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	22 ± 0.026	M16X2P
82 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	87.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	22 ± 0.026	M16X2P
84 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	89.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	22 ± 0.026	M16X2P
85 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	90.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	22 ± 0.026	M16X2P
88 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	93.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	25 ± 0.026	M16X2P
90 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	95.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	25 ± 0.026	M16X2P
92 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	97.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	25 ± 0.026	M16X2P
94 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	99.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	25 ± 0.026	M16X2P
95 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	100.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	25 ± 0.026	M16X2P
98 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	104.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	28 ± 0.026	M16X2P
100 $\begin{smallmatrix} +0.035 \\ -0.000 \end{smallmatrix}$	106.4 $\begin{smallmatrix} +0.2 \\ -0.0 \end{smallmatrix}$	28 ± 0.026	M16X2P

DMRN 4966	DIA. 59 KEYWAY DIM. ADDED	20.12.05	TITLE	STD F.B. & KW DETAILS	MATERIAL	SCALE: NTS	
2	GRD		PARTY				
DMRN 2176	SET SCREW LENGTH CHANGED, M12X1.75P SET SCREW FOR BORE 60 TO 75 WAS M16X2P.	25/10/4					
1	GRD						
REV	SIGN	ALTERATION	DATE				

DO NOT SCALE

ALL DIMENSIONS ARE IN mm.

METRIC
IS:2048-1962
DIN-6885/1



SET SCREW	△ LENGTH
M5	5, 10, 16
M6	6, 12
M10	10, 20
M12	12, 16, 20
M16	20, 30
M20	30



BORE SIZE (ØA) H7	DEPTH (B)	KEYWAY WIDTH (C) JS9	SET SCREW
105 +0.035/-0.000	111.4 +0.2/-0.0	28 ±0.026	M16X2P
110 +0.035/-0.000	116.4 +0.2/-0.0	28 ±0.026	M16X2P
115 +0.035/-0.000	122.4 +0.2/-0.0	32 ±0.031	M20X2.5P
120 +0.035/-0.000	127.4 +0.2/-0.0	32 ±0.031	M20X2.5P
125 +0.040/-0.000	132.4 +0.2/-0.0	32 ±0.031	M20X2.5P
130 +0.040/-0.000	137.4 +0.2/-0.0	32 ±0.031	M20X2.5P
135 +0.040/-0.000	143.4 +0.2/-0.0 △	36 ±0.031	M20X2.5P
140 +0.040/-0.000	148.4 +0.2/-0.0 △	36 ±0.031	M20X2.5P
145 +0.040/-0.000	153.4 +0.2/-0.0 △	36 ±0.031	M20X2.5P
150 +0.040/-0.000	158.4 +0.2/-0.0 △	36 ±0.031	M20X2.5P
155 +0.040/-0.000	164.4 +0.2/-0.0 △	40 ±0.031	M20X2.5P
160 +0.040/-0.000	169.4 +0.2/-0.0 △	40 ±0.031	M20X2.5P
165 +0.040/-0.000	174.4 +0.2/-0.0 △	40 ±0.031	M20X2.5P
170 +0.040/-0.000	179.4 +0.2/-0.0 △	40 ±0.031	M20X2.5P
175 +0.040/-0.000	185.4 +0.2/-0.0 △	45 ±0.031	M20X2.5P
180 +0.040/-0.000	190.4 +0.2/-0.0 △	45 ±0.031	M20X2.5P
185 +0.046/-0.000	195.4 +0.2/-0.0 △	45 ±0.031	M20X2.5P
190 +0.046/-0.000	200.4 +0.2/-0.0 △	45 ±0.031	M20X2.5P
195 +0.046/-0.000	205.4 +0.2/-0.0 △	45 ±0.031	M20X2.5P
200 +0.046/-0.000	210.4 +0.2/-0.0 △	45 ±0.031	M20X2.5P
205 +0.046/-0.000	216.4 +0.3/-0.0	50 ±0.031	M20X2.5P
210 +0.046/-0.000	221.4 +0.3/-0.0	50 ±0.031	M20X2.5P
215 +0.046/-0.000	226.4 +0.3/-0.0	50 ±0.031	M20X2.5P
220 +0.046/-0.000	231.4 +0.3/-0.0	50 ±0.031	M20X2.5P
225 +0.046/-0.000	236.4 +0.3/-0.0	50 ±0.031	M20X2.5P
230 +0.046/-0.000	241.4 +0.3/-0.0	50 ±0.031	M20X2.5P
235 +0.046/-0.000	247.4 +0.3/-0.0	56 ±0.037	M20X2.5P
240 +0.046/-0.000	252.4 +0.3/-0.0	56 ±0.037	M20X2.5P
245 +0.046/-0.000	257.4 +0.3/-0.0	56 ±0.037	M20X2.5P
250 +0.046/-0.000	262.4 +0.3/-0.0	56 ±0.037	M20X2.5P

DMRN6375	BORE Ø135 TO 200 DEPTH TOL. +0.2/-0.0 WAS +0.3/-0.0	7/4/08	TITLE	STD F.B. & KW DETAILS	MATERIAL	SCALE: NTS	
2	PRP		PARTY				
DMRN 4176	SET SCREW LENGTHS CHANGED, SIZE ADDITION OF M12 SET SCREW LENGTHS 12,16, 20.	25/10/4					
1	NSP						
REV	SIGN	ALTERATION	DATE				