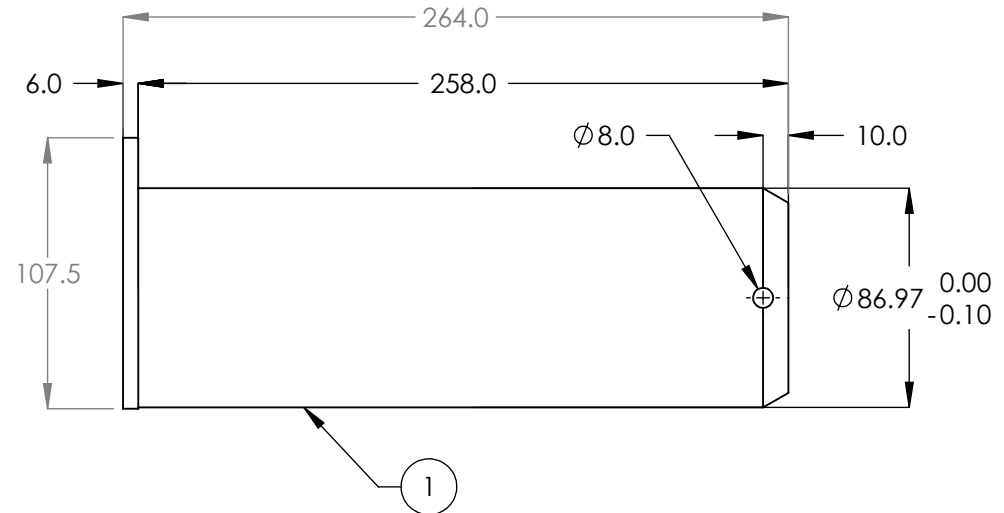
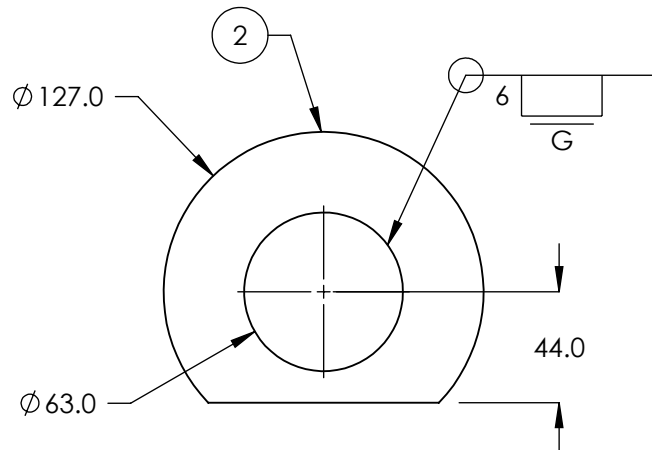


REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-1062, PRODUCTION RELEASE	11/14/2008	GJZ	00241
A-001	UPDATED NEXT ASSEMBLY	08/16/2010	AC	00388
A-002	UPDATED NEXT ASSEMBLY	07/19/2012	TM	00535
A-003	UPDATED NEXT ASSEMBLIES	09/23/2015	TM	00724
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED BOM REVISIONS AND NEXT ASSEMBLIES	05/11/2018	TS	00945
C	REMOVED Ø3 HOLES, Ø25 HOLE, 1/8" NPT HOLE, UPDATED TITLE TO REFLECT WHERE USED	08/26/2021	CA	01322






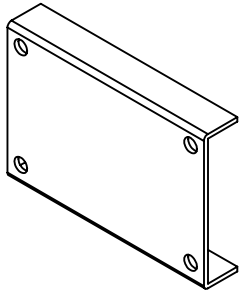
WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

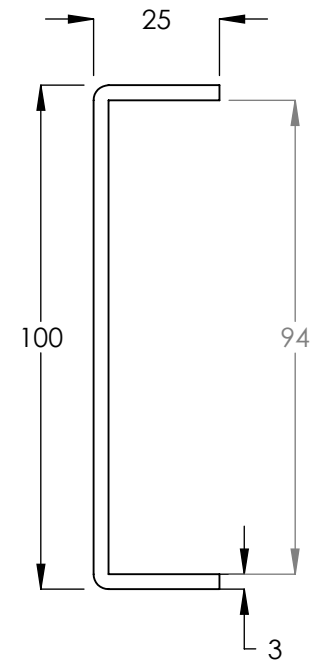
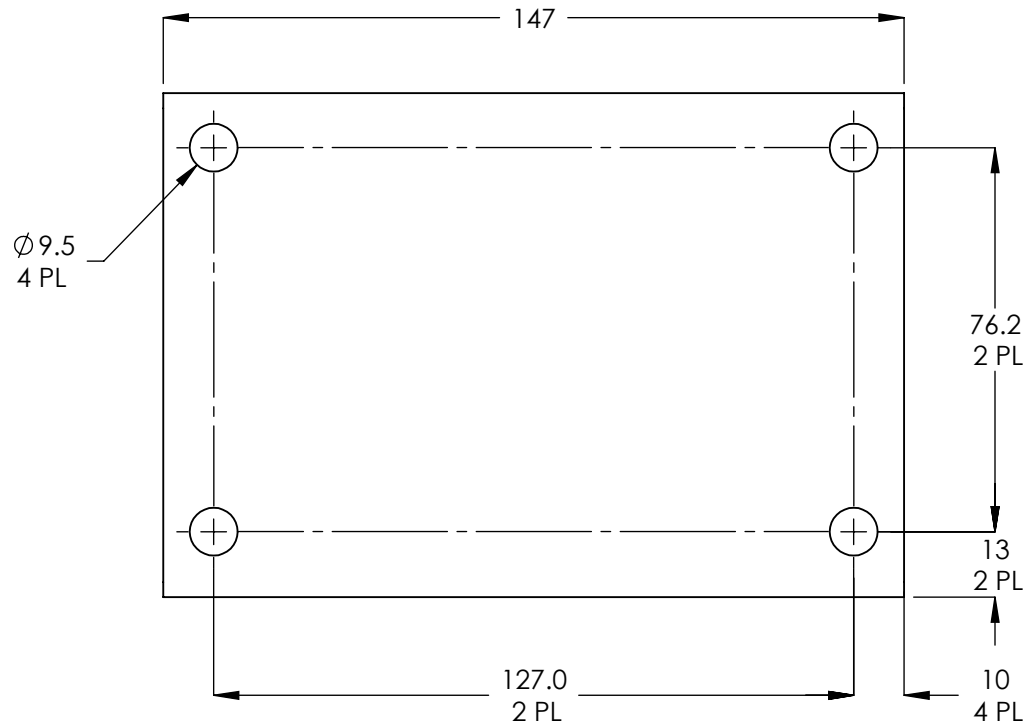
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. REMOVE ALL WELD SPLATTER
4. DRILL AFTER WELDING
5. DIMENSIONS SHOWN ARE AFTER PLATING
6. FINISH ZINC PLATE AS PER ASTM B633 TYPE 3 SC 2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV
1	5746150	HDS-40 RAMP SHEAVE PIN	1	B
2	5730029	HDS-40 SHEAVE PIN SHOULDER	1	B

DO NOT SCALE DRAWING		NAME	DATE		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	GJZ	11/14/2008	1645 LEMONWOOD DR. SANTA PAULA, CA 93060
		CHECKED	OR	09/09/2021	
		THIRD ANGLE PROJECTION			
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED					HDS-40 SHEAVE PIN WELDMENT
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.			SIZE DWG. NO.
					REV
		 A			5620241
		SCALE: 1:3			SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM 800149, PRODUCTION RELEASE	11/29/2007	AC	00104
B	UPDATE SHEET TEMPLATE	03/31/2008	MT	00157
B-001	CHANGED SURFACE FINISH FROM 3.2 μm TO 1.6 Ra μm	09/09/2008	GJ	00237
B-033	UPDATED NEXT ASSEMBLIES	08/20/2018	TM	00972

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235A OR Q235 GB/T 700

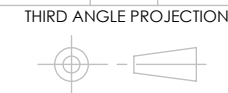
WHERE USED
M7S
DLR-6
LR-60
LR-10000
PL-12000DP
PL-6K SERIES
2 POST SERIES
4 POST SERIES

DO NOT SCALE DRAWING


DIMENSIONS ARE IN MM
TOLERANCES: MACHINE TO
0 = ± 1.5
0.0 = ± 0.5
0.00 = ± 0.13

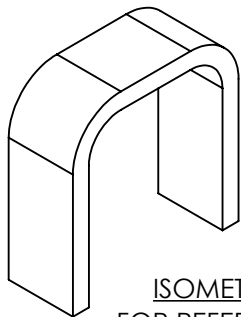
SURFACE FINISH 1.6 Ra μm
FOR MACHINED SURFACES
UNLESS OTHERWISE SPECIFIED

NAME	DATE
DRAWN AC	11/29/2007
CHECKED CA	09/11/2018

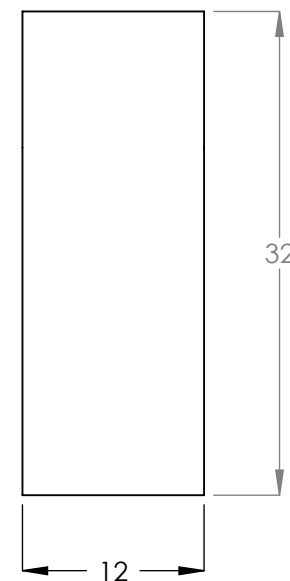
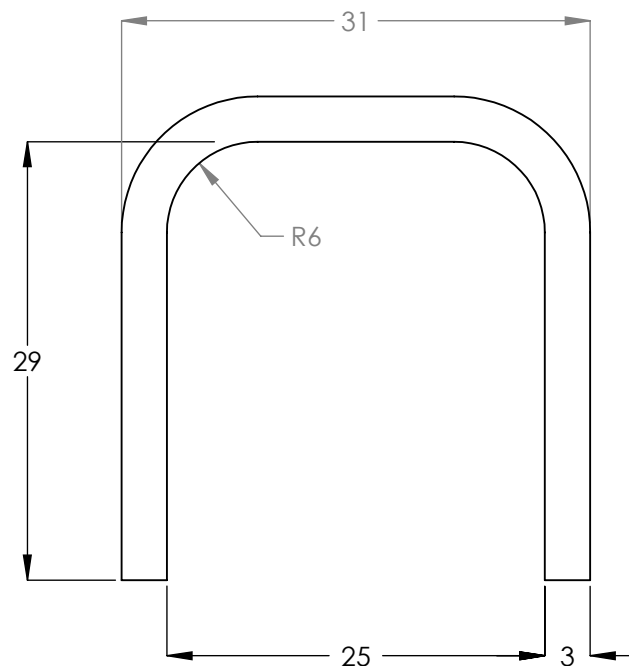


PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS
THE SOLE PROPERTY OF BENDPAK INC. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT
THE WRITTEN PERMISSION OF BENDPAK INC. IS
PROHIBITED.

			1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
TITLE: MOUNTING BRACKET					
SIZE		DWG. NO.		REV	
A		5700001		B	
SCALE: 1:1.5				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



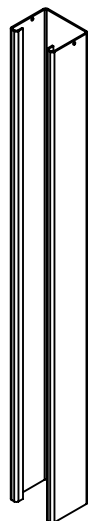
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	11/2/2007	AC	00086
B	UPDATE SHEET TEMPLATE	03/31/2008	MT	00157
B-001	CHANGED SURFACE FINISH FROM 3.2 μm TO 1.6 $\text{Ra } \mu\text{m}$	09/09/2008	GJ	00237
B-020	UPDATED NEXT ASSEMBLIES	08/21/2018	CA	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

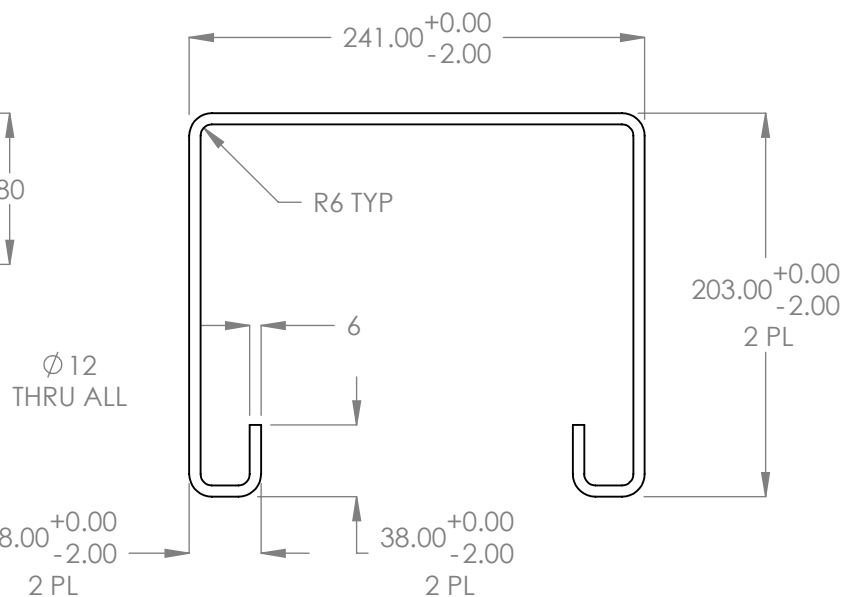
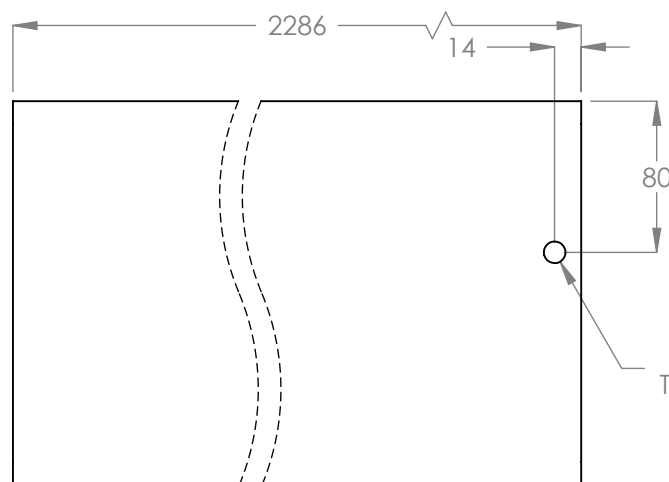
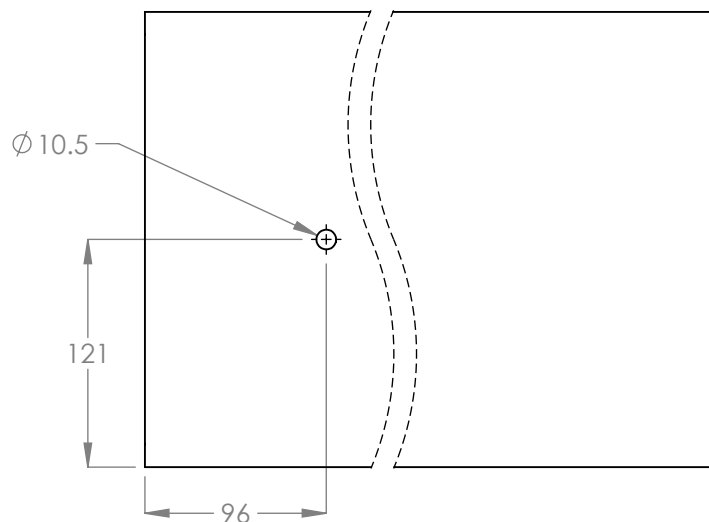
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

WHERE USED	
10AP SERIES	HDS-40 SERIES
12AP-SRT	GP-9 SERIES
XPR-12FD	D2 SERIES
HD-14T	D4 SERIES
HDS-14 SERIES	EV2400SL
HDSO-14 SERIES	EV4000SL
HDS-18 SERIES	MD-6XP
HDS-27 SERIES	DMR-6
FL14 SERIES	

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ± 1.5 0.0 = ± 0.5 0.00 = ± 0.13		DRAWN	AC 11/02/2007	
SURFACE FINISH 1.6 $\text{Ra } \mu\text{m}$ FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED	CA 10/30/2018	
THIRD ANGLE PROJECTION				TITLE:
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		HOSE RETAINER		
SIZE DWG. NO. A 5700012		REV B		
SCALE: 2:1		SHEET 1 OF 1		



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





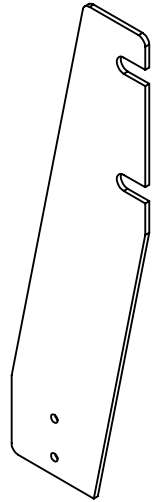
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	ADDED Ø10.5 HOLE	12/28/2015	JM	00741
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	02/22/2017	TM	00798
E	UPDATED TITLE TO REFLECT WHERE USED	05/04/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

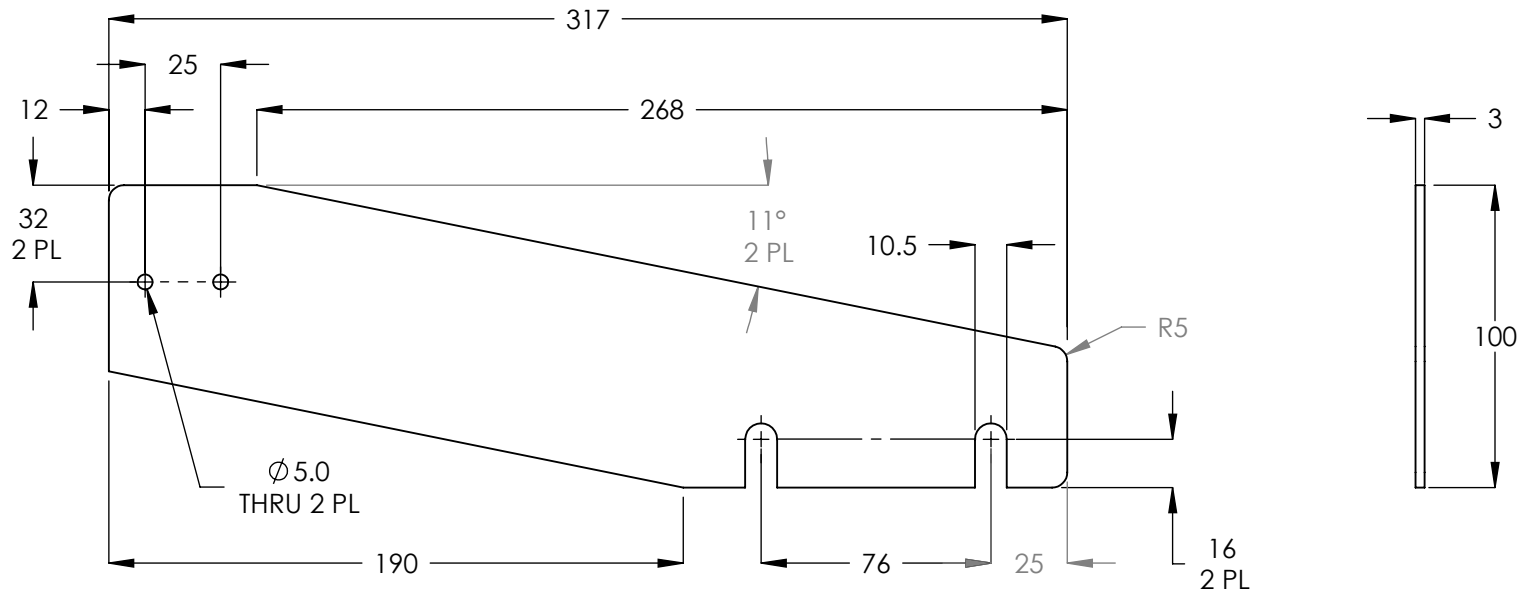
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5601141
5601143

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>	
<div>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13</div> <div>ANGULAR: MACHINE TO 0 = ±1/2°</div> <div>SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</div>		DRAWN		GJZ 09/15/2008			
		CHECKED		CA 10/30/2018			
		THIRD ANGLE PROJECTION				TITLE:	
						HDS-18/27/40 SERIES BARE POST	
		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>				SIZE DWG. NO.	
A 5700018						E	
		SCALE: 1:4				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



WHERE USED
HD-7W
HD-7P
HD-75BXT
HD-7500BL SERIES
HD-9 SERIES
PL-12000DP
HD-14T
HDS-14 SERIES
HDSO-14 SERIES
HDS-18E SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT GRAY (RAL-7024) 20% GLOSS

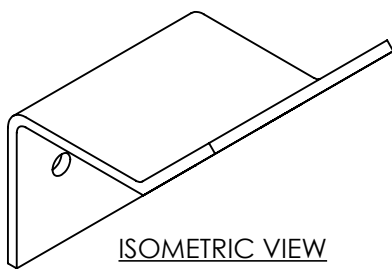
NEXT ASSEMBLY		
5250058	5250172	5250195
5250059	5250175	5250286
5250079	5250184	5250289
5250082		5250290
5250143	5250187	5250291
5250144	5250188	5250338
5250164	5250189	5250339
5250167	5250191	5250349
5250168	5250193	5250364
5250169	5250194	5250376

REVISION			
REV.	DESCRIPTION	DATE	EDITED BY
D	WAS 267.5 NOW 268, WAS Ø5 NOW Ø5.0, WAS 12.5 NOW	01/20/2009	AC
D-001	UPDATED NEXT ASSEMBLY	03/10/2009	AC
D-004	UPDATED NEXT ASSEMBLY	09/24/2009	AC
E	UPDATED TITLE TO REFLECT WHERE USED	03/01/2010	AC
E-001	UPDATED NEXT ASSEMBLY	06/03/2010	AC
F	REMOVED 64 DIM, 12 DIM, (70) DIM	08/03/2010	AC
F-001	REMOVED FILLETED ANGLE	01/21/201	TM
F-015	UPDATED NEXT ASSEMBLY	01/30/2020	CA
	ADDED GLOSS NOTE TO PAINT, UPDATED NEXT ASSEMBLIES		

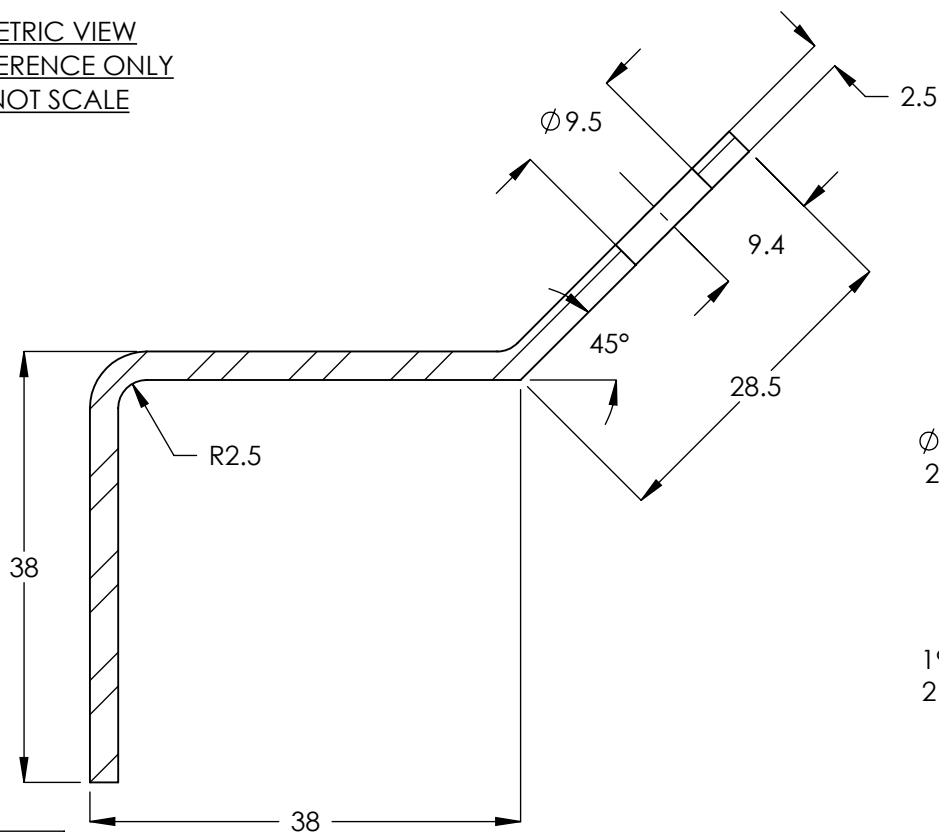
DO NOT SCALE DRAWING	NAME	DATE
	AC	12/21/2007
	OR	04/22/2020

DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13	THIRD ANGLE PROJECTION
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.	TITLE: HD-SERIES FLEX TUBE BRACKET PLATE
SIZE DWG. NO. A 5700029	REV F
SCALE: 1:2.5	SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



SECTION A-A

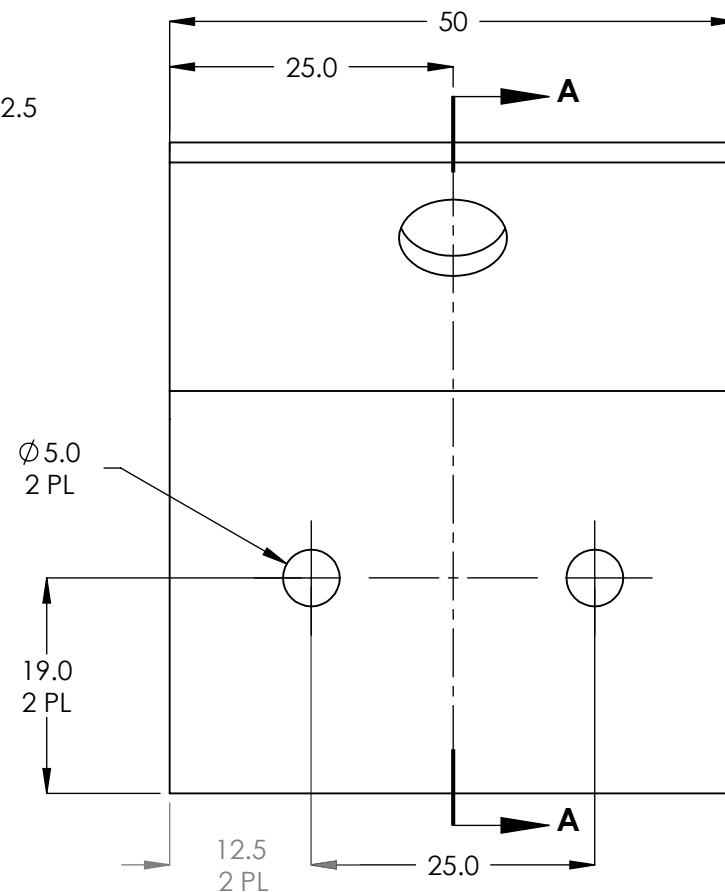
WHERE USED	
1302 BA	HD-7500BL
1302 BAS	HD-7500BLX
HD-7P	HDS-14 SERIES
HD-7W	HDS-18 SERIES
HD-9 SERIES	HDS-27 SERIES
HD-14T	HDS-40 SERIES
PL-12000DP	



NOTE: UNLESS OTHERWISE SPECIFIED.

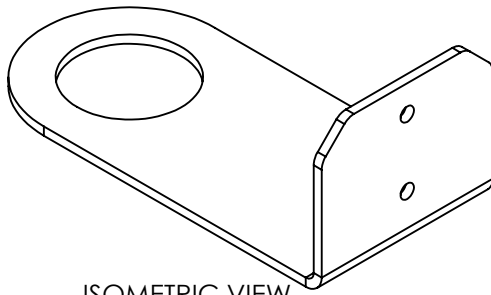
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A569 HRPO OR Q235 GB/T 700
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT GRAY (RAL-7024) 20% GLOSS IF NOT WELDED

NEXT ASSEMBLY
5215096
5250081
5250278
5620500

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM H-483	12/21/2007	AC	00104
B	UPDATE SHEET TEMPLATE	03/31/2008	MT	00157
C	WAS Ø5 NOW Ø5.0	02/02/2009	AC	00174
C-001	UPDATED NEXT ASSEMBLY	03/23/2011	TM	00438
C-002	ADDED PAINT NOTE	07/21/2021	CA	01316

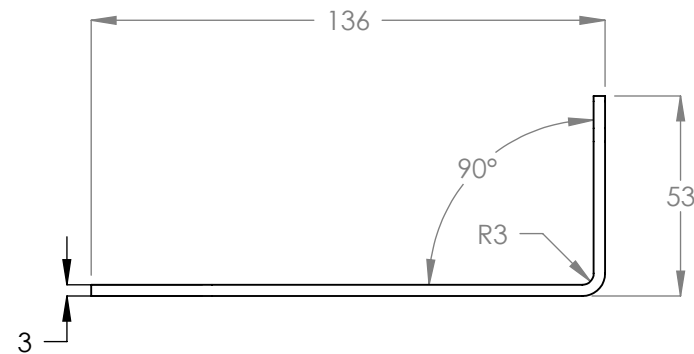
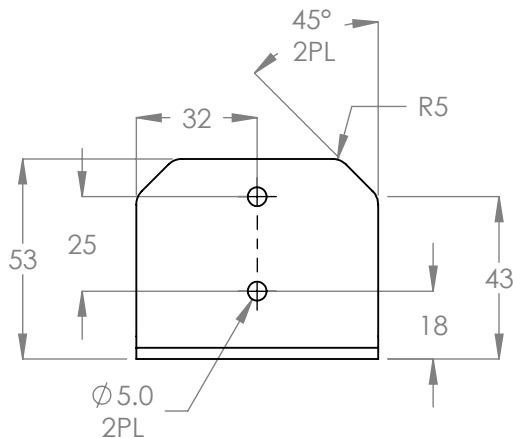
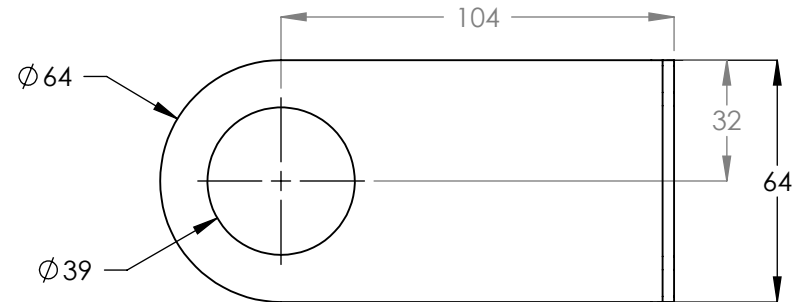


DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13	DRAWN	AC	12/21/2007	
	CHECKED	OR	07/26/2021	
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION		TITLE:
		ZERO ANGLE MOUNTING BRACKET		
		SIZE	DWG. NO.	REV
		A	5700031	C
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SCALE: 1.5:1		
		SHEET 1 OF 1		



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

REVISION				
REV.	DESCRIPTION	DATE	EDITED BY	ECO#
C	ADDED PLASMA/FLAMECUT NOTES	07/16/2008	AC	00222
C-001	UPDATED NEXT ASSEMBLY	10/24/2008	AC	00140
D	UPDATED NEXT ASSEMBLY, WAS Ø5 NOW Ø5.0	11/25/2008	AC	00174
D-001	UPDATED NEXT ASSEMBLY	03/10/2009	AC	00262
D-004	UPDATED NEXT ASSEMBLY	09/24/2009	AC	00300
E	UPDATED TITLE TO REFLECT WHERE USED	03/01/2010	AC	00333
E-001	UPDATED NEXT ASSEMBLY	06/03/2010	AC	00366
E-012	ADDED GLOSS NOTE TO PAINT, UPDATED NEXT ASSEMBLY	01/30/2020	CA	01120



WHERE USED
FL 14 SERIES
HD-7 SERIES
HD-75BXT
HD-9 SERIES
HD-7500 SERIES
HD-14T
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES
HDSO-14 SERIES
PL-12000DP

NOTE: UNLESS OTHERWISE SPECIFIED.

- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700
- DIMENSIONS SHOWN ARE AFTER PAINTING
- PLASMA OR FLAME CUT ACCEPTABLE
- PAINT GRAY (RAL-7024) 20% GLOSS

NEXT ASSEMBLY			
5250058	5250169	5250286	5250359
5250059	5250172	5250289	5250375
5250079	5250175	5250290	5250376
5250082	5250184	5250291	
5250086		5250335	
5250143	5250187	5250338	
5250144	5250188	5250339	
5250161	5250189	5250342	
5250164	5250191	5250349	
5250166	5250193	5250351	
5250167	5250194	5250352	
5250168	5250195	5250364	

DO NOT SCALE DRAWING

DIMENSIONS ARE IN MM
TOLERANCES: MACHINE TO
0. = ±1.5
0.0 = ±0.5
0.00 = ±0.13

SURFACE FINISH 1.6 ISO Ra µm
FOR MACHINED SURFACES
UNLESS OTHERWISE SPECIFIED

	NAME	DATE
DRAWN	AC	12/21/2007
CHECKED	OR	04/22/2020

THIRD ANGLE PROJECTION



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS
THE SOLE PROPERTY OF BENDPAK INC. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT
THE WRITTEN PERMISSION OF BENDPAK INC. IS
PROHIBITED.

BendPak.

1645 LEMONWOOD DR.
SANTA PAULA, CA 93060

TITLE: FL 14/HD/HDS FLEX
TUBE ANGLE

SIZE DWG. NO.

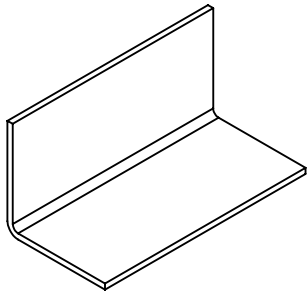
A 5700033

REV

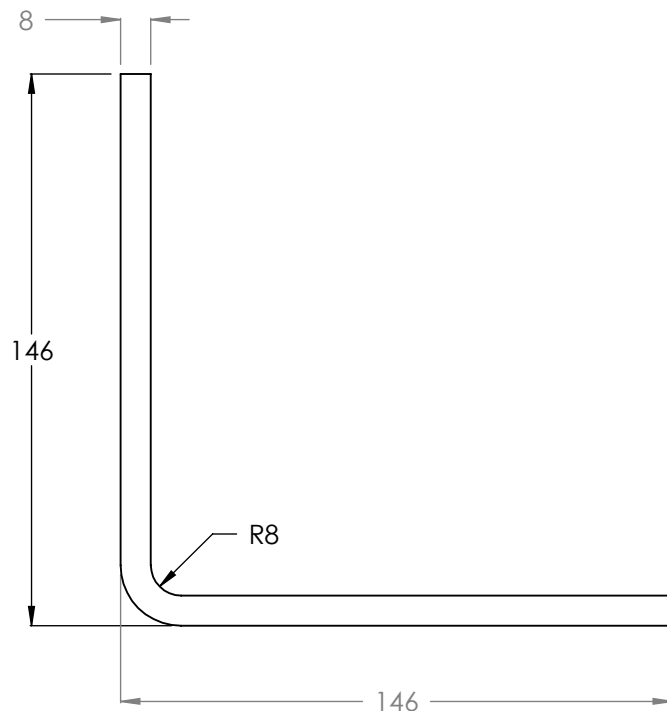
E

SCALE: 1:2

SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

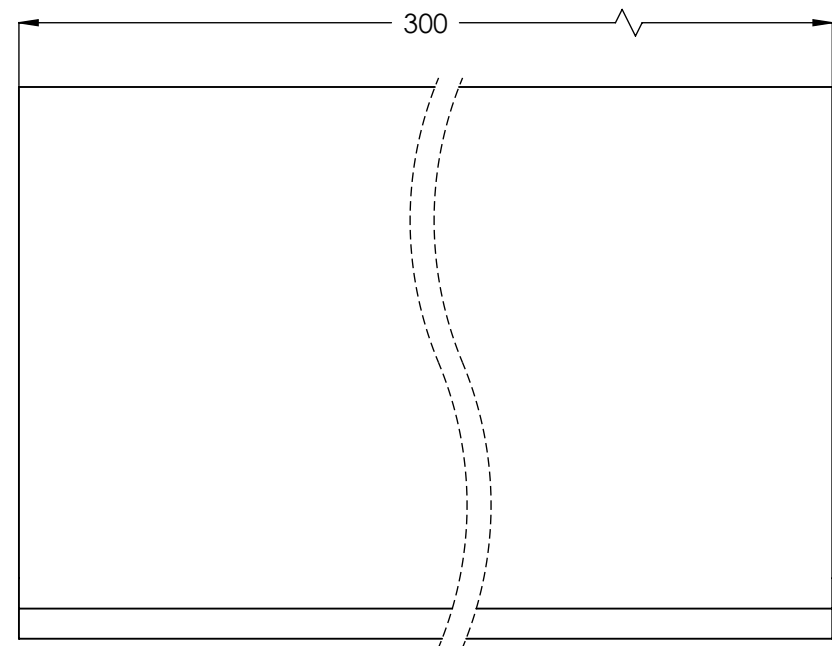


WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES



NOTE: UNLESS OTHERWISE SPECIFIED.

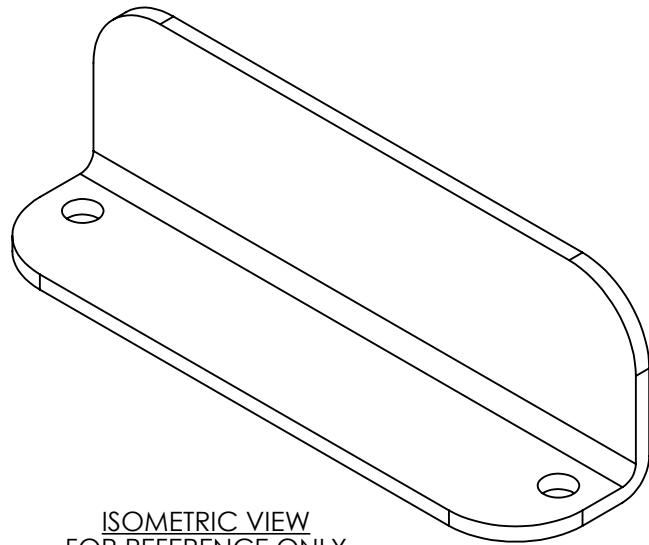
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT BENDPAK YELLOW (RAL-1018) 20% GLOSS

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5700072	03/16/2018	TM	00927
B	WAS 143 NOW 146, UPDATED NEXT ASSEMBLIES	07/10/2018	TS	00945
B-001	ADDED GLOSS NOTE TO PAINT	01/30/2020	CA	01120

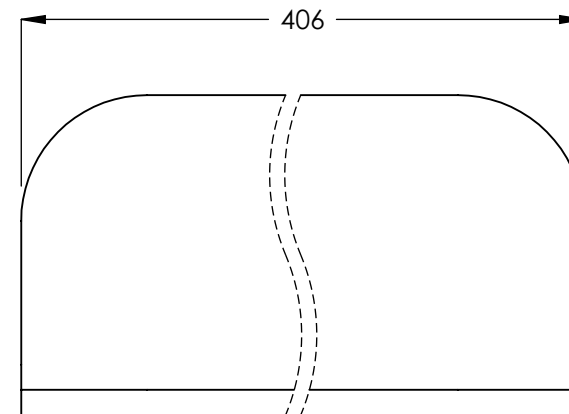
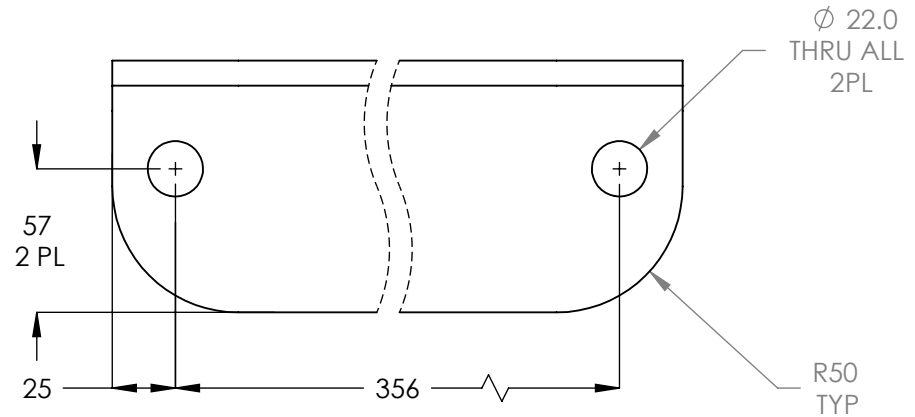
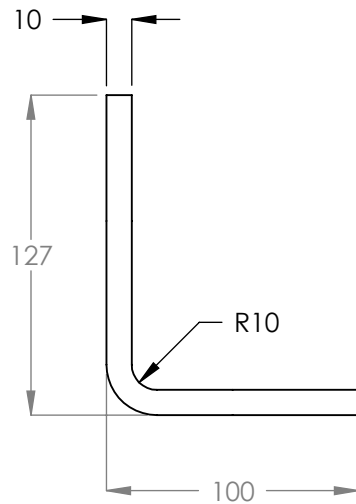


NEXT ASSEMBLY
5250079
5250082
5250172
5250175
5250286
5250364

DO NOT SCALE DRAWING		NAME		DATE		 BendPak.		
<p>DIMENSIONS ARE IN MM</p> <p>TOLERANCES: MACHINE TO</p> <p>0. = ±1.5</p> <p>0.0 = ±0.5</p> <p>0.00 = ±0.13</p> <p>SURFACE FINISH 1.6 ISO Ra µm</p> <p>FOR MACHINED SURFACES</p> <p>UNLESS OTHERWISE SPECIFIED</p>		DRAWN	TM	03/16/2018		1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
		CHECKED	--	--		<p>TITLE:</p> <p>WHEEL CHOCK</p>		
		THIRD ANGLE PROJECTION						
						SIZE DWG. NO.		REV
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>				A	5700246	B
						SCALE: 1:2		SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE






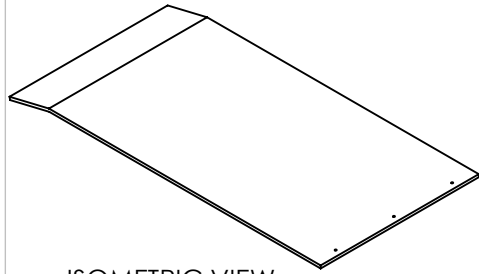
NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

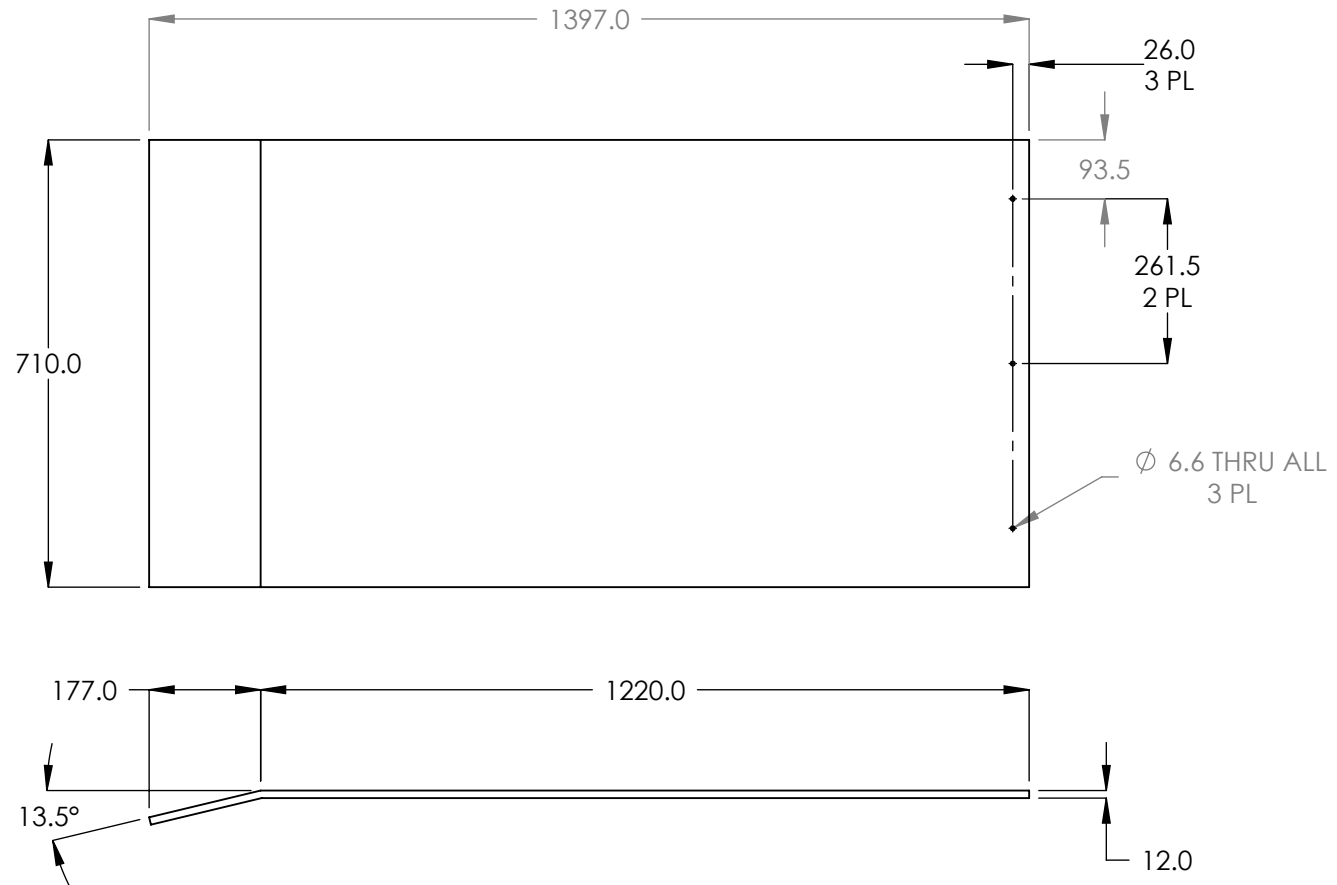
NEXT ASSEMBLY
5620194

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
A	DERIVED FROM H-219, PRODUCTION RELEASE	10/16/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	09/17/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/15/2018	TS	00945

DO NOT SCALE DRAWING		NAME		DATE		 1645 LEMONWOOD DR. SANTA PAULA, CA 93060			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ 10/16/2008					
		CHECKED		CA 10/30/2018					
THIRD ANGLE PROJECTION 						TITLE:		HDS-18/27/40 SERIES TIRE STOP	
						SIZE DWG. NO.		REV	
		Y		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				A	
SCALE: 1:3								SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	WAS 15° NOW 14°	10/02/2019	TS	01120
D	ADDED Ø15.0, HOLES, WAS 14° NOW 13.5°, REMOVED 6x60 CUTS	08/09/2022	TM	01436
E	WAS Ø15.0 NOW Ø6.6	10/20/2022	CA	01452

WHERE USED
HDS-40 SERIES

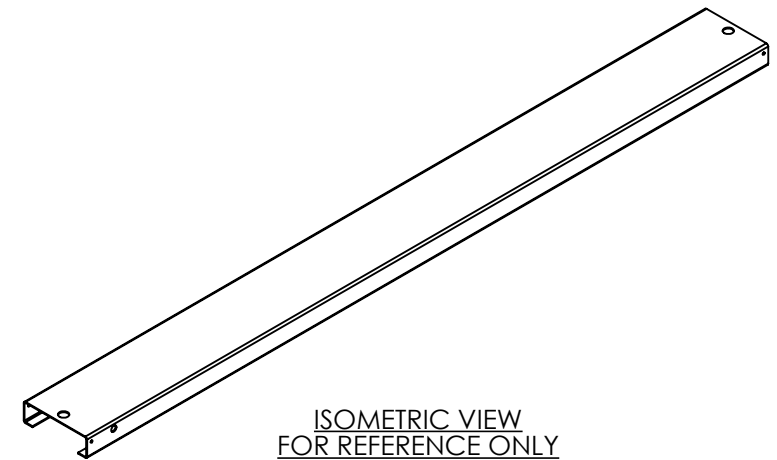
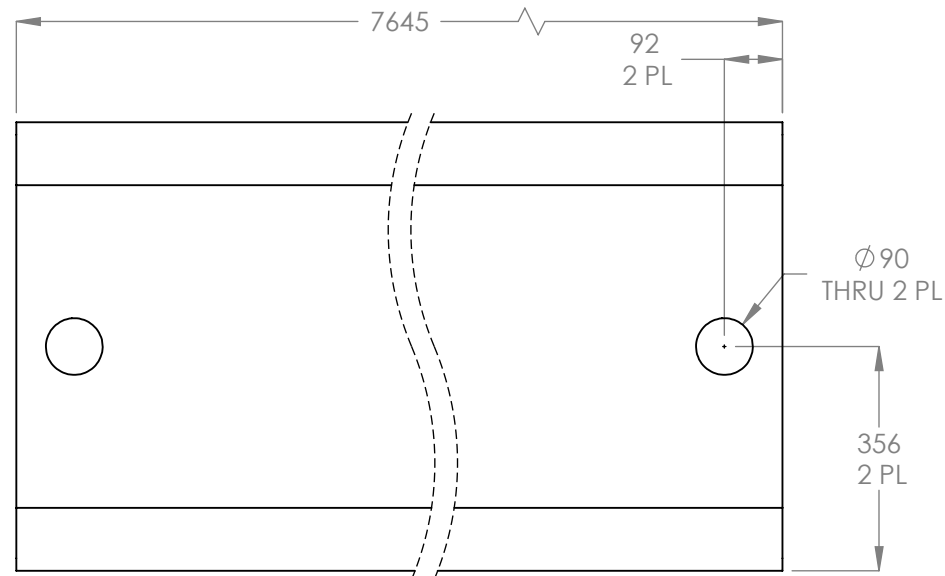
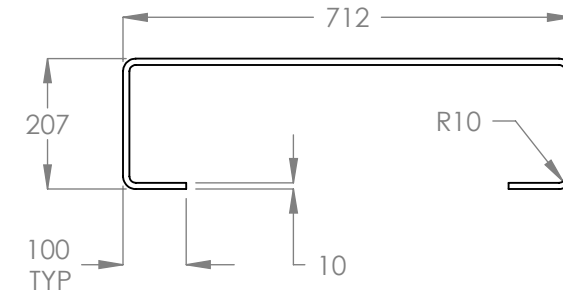
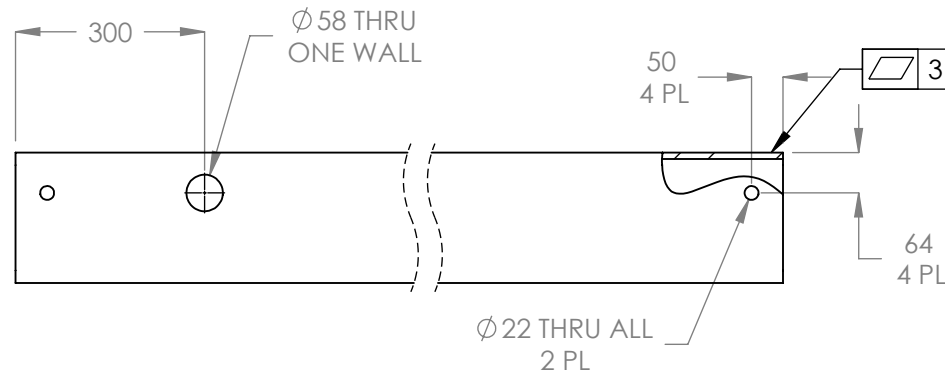
NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5600266

DO NOT SCALE DRAWING	NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0. = ±1.5 0.0 = ±0.5 0.00 = ±0.13	DRAWN	AC	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	CHECKED		
	THIRD ANGLE PROJECTION		TITLE:
			HDS-40 EXTENDED DRIVE UP RAMP
	<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		SIZE DWG. NO.
			A 5701056
			REV
			E
			SCALE: 1:12
			SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	WAS Ø38 NOW Ø58, WAS 50 NOW 64 3PL	11/28/2012	TM	00563
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/16/2018	TS	00945
E	WAS Ø22 THRU ONE WALL NOW THRU ALL	07/09/2019	CA	01102





WHERE USED
HDS-40X

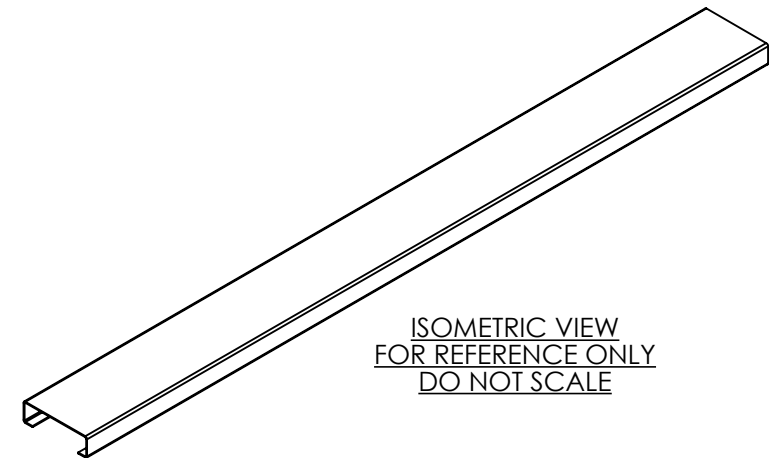
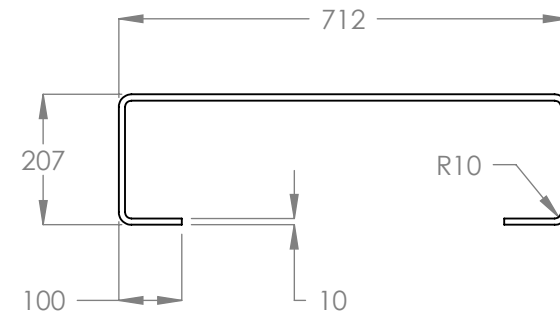
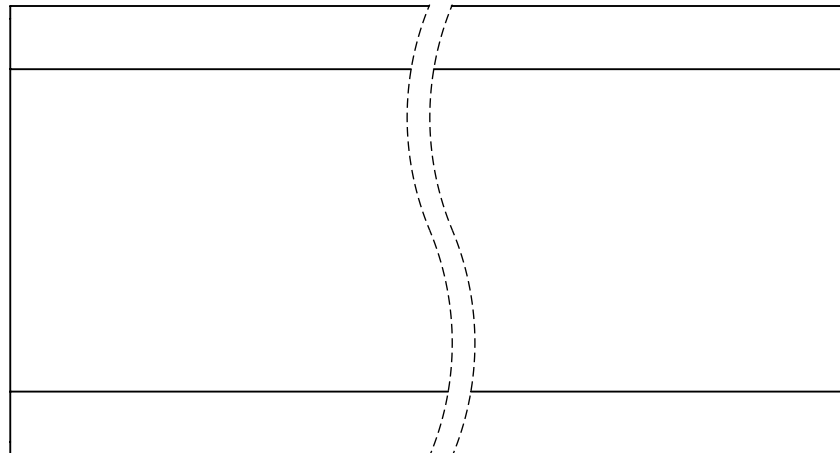
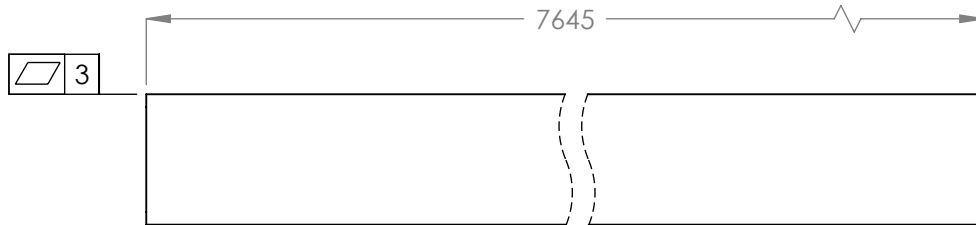
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620170

DO NOT SCALE DRAWING		NAME	DATE	<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>	
DRAWN		GJZ	10/08/2008		
CHECKED		--	--		
<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES: MACHINE TO</div> <div>0 = ±1.5</div> <div>0.0 = ±0.5</div> <div>0.00 = ±0.13</div> <div>ANGULAR: MACHINE TO</div> <div>0 = ±1/2°</div> <div>SURFACE FINISH 1.6 Ra µm</div> <div>FOR MACHINED SURFACES</div> <div>UNLESS OTHERWISE SPECIFIED</div>		THIRD ANGLE PROJECTION		TITLE:	
				HDS-40X POWER SIDE RAMP	
				SIZE DWG. NO. REV	
<div>Y</div>		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>		A 5701057 E	
				SCALE: 1:12 SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-211, PRODUCTION RELEASE	10/14/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	05/17/2018	TS	00945





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

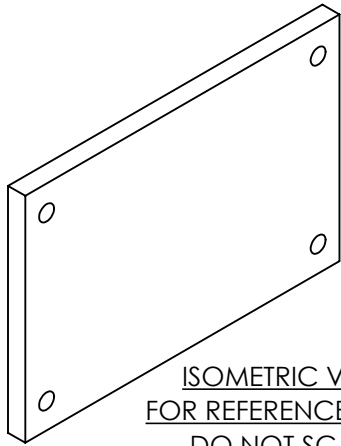
WHERE USED
HDS-40X

NOTE: UNLESS OTHERWISE SPECIFIED.

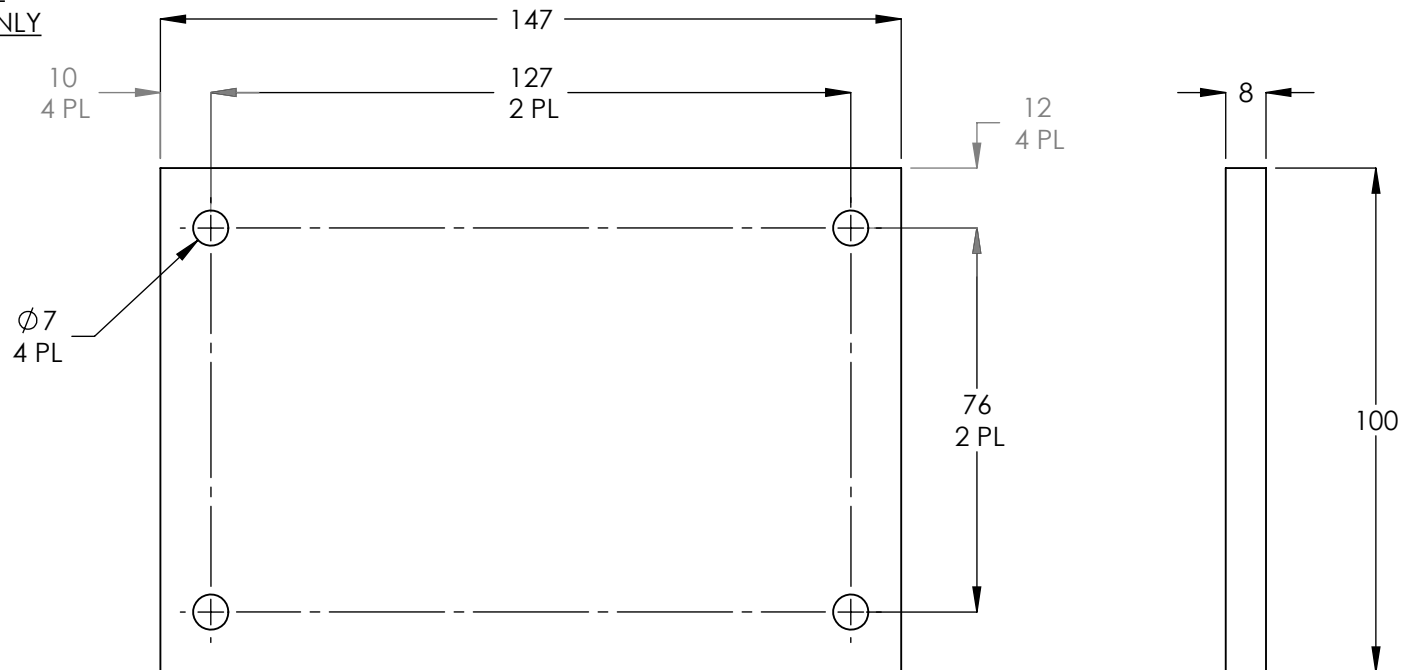
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5601448

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN	GJZ 10/14/2008		
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED	CA 10/30/2018		
 THIRD ANGLE PROJECTION		TITLE:		HDS-40X OFF SIDE RAMP	
		SIZE DWG. NO.		REV	
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		A 5701059		B	
		SCALE: 1:12		SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



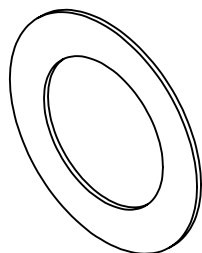
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM 801105, PRODUCTION RELEASE	12/21/2007	AC	00104
B	UPDATE SHEET TEMPLATE	03/31/2008	MT	00157
B-001	CHANGED SURFACE FINISH FROM 3.2 μm TO 1.6 Ra μm	09/09/2008	GJ	00237
B-018	CHANGED NEXT ASSEMBLY TO ENCOMPASS ALL BENDPAK LIFTS	06/01/2011	TM	00448

NOTE: UNLESS OTHERWISE SPECIFIED.

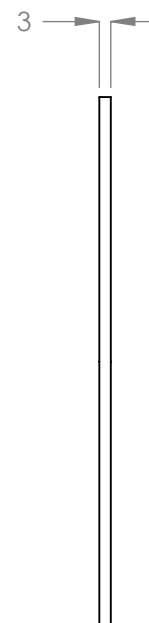
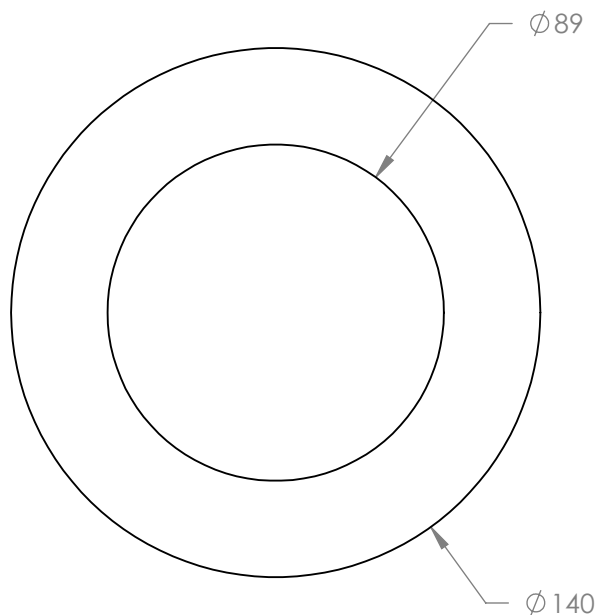
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** BLACK ELASTIC NATURAL GUM FOAM RUBBER ASTM D1056

NEXT ASSEMBLY
ALL LIFTS

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0. = ± 1.5 0.0 = ± 0.5 0.00 = ± 0.13		DRAWN	AC 12/21/2007	
SURFACE FINISH 1.6 ISO Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED		
		THIRD ANGLE PROJECTION		TITLE:
				POWER UNIT VIBRATION DAMPENER
		<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		SIZE DWG. NO.
		A		5715003
				REV B
		SCALE: 2:3		SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





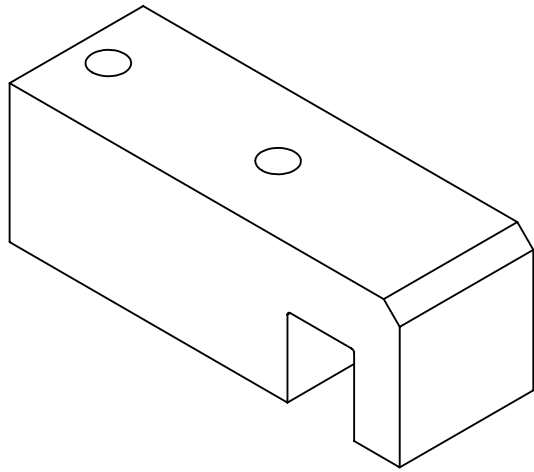
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-155, PRODUCTION RELEASE	10/08/2008	GJZ	00241
A-001	UPDATED NEXT ASSEMBLY	08/16/2010	AC	00388
A-002	UPDATED NEXT ASSEMBLY	07/19/2012	TM	00535
A-003	UPDATED NEXT ASSEMBLIES	09/24/2015	TM	00724
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/10/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** UHMW PLASTIC

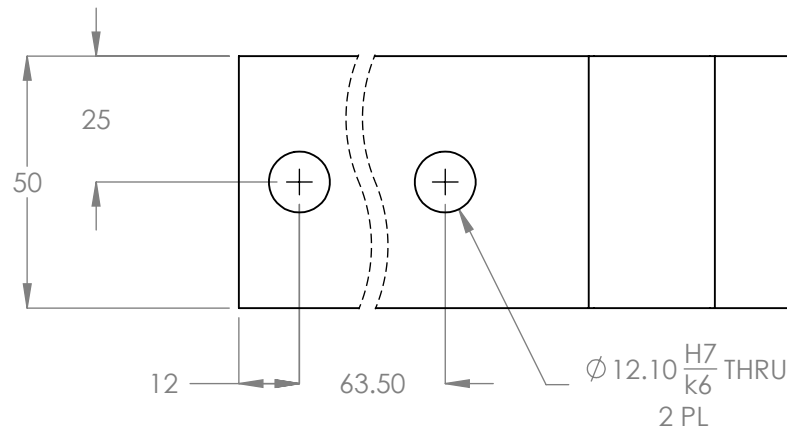
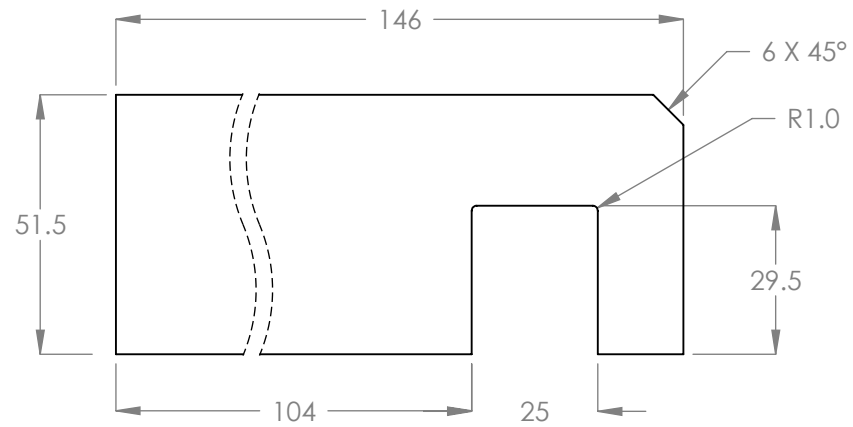
NEXT ASSEMBLY
5215149
5215240

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	DRAWN	GJZ	10/08/2008	
	CHECKED	CA	10/30/2018	
	THIRD ANGLE PROJECTION			TITLE: HDS-40 SERIES SHEAVE SPACER
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE	DWG. NO.	REV
		A	5716013	B
SCALE: 1:2				SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5716152	05/11/2018	TS	00945
B	ADDED FIT TOLERANCE	10/01/2019	TS	01120





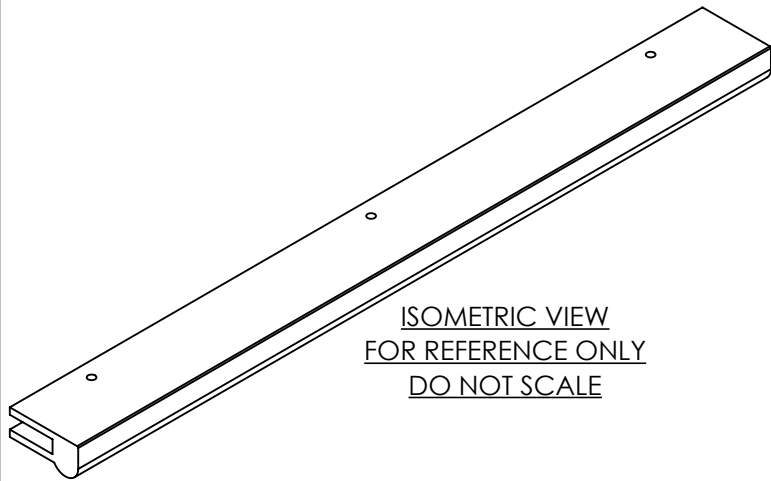
WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

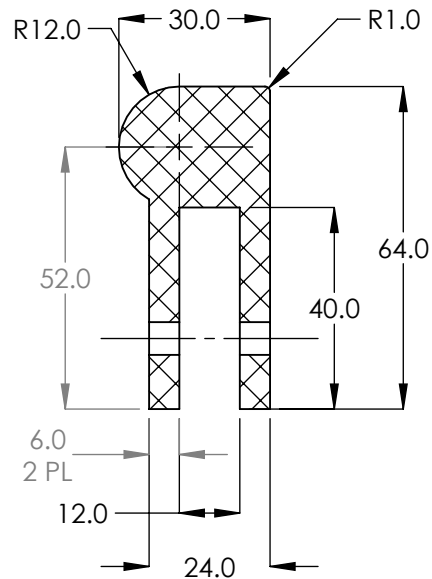
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. **MATERIAL:** TIVAR 1000 VIRGIN NATURAL (UHMW-PE)

NEXT ASSEMBLY
5216169
5216170

DO NOT SCALE DRAWING		NAME		DATE							
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		TS		05/11/2018					
		CHECKED		OR		4/21/2020					
		THIRD ANGLE PROJECTION						TITLE: HDS-40 POLYETHYLENE SLIDE BLOCK			
											
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>						SIZE	DWG. NO.		REV		
Y		A						5716043		B	
		SCALE: 2:3						SHEET 1 OF 1			



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5716054	08/09/2022	TM	01436
B	WAS 14.5 NOW 6.5	10/20/2022	CA	01452

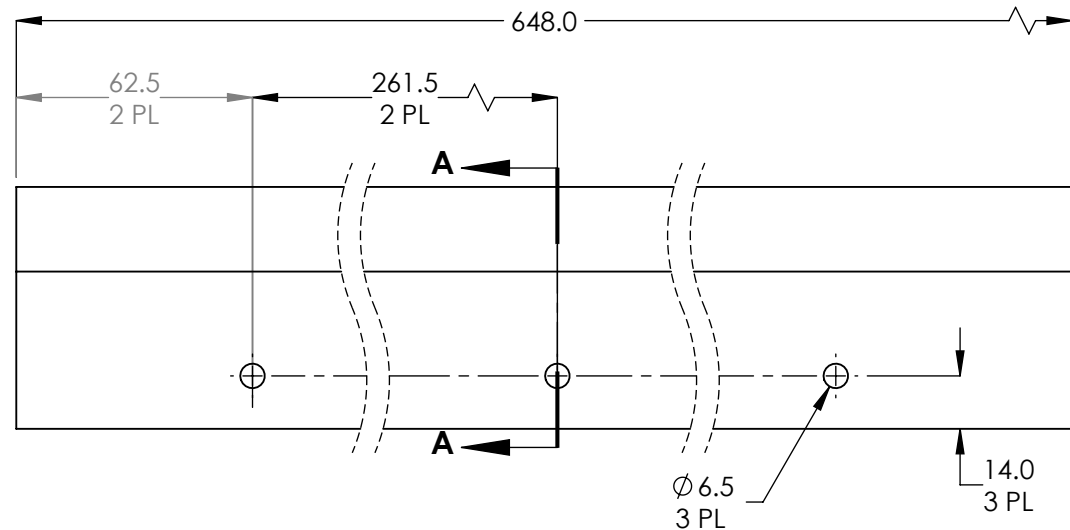


SECTION A-A
SCALE 2 : 3



WHERE USED
HDS-40 SERIES

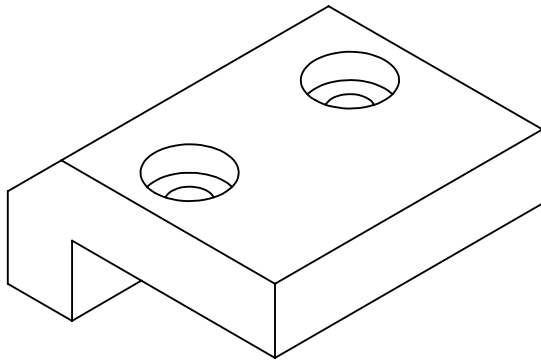
NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HIGH DENSITY POLYETHLENE (HDPE) YELLOW



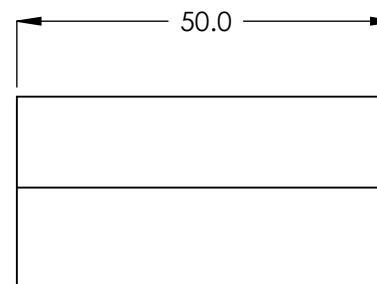
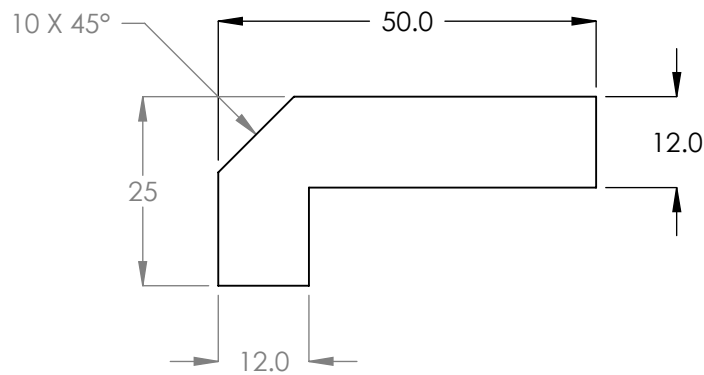
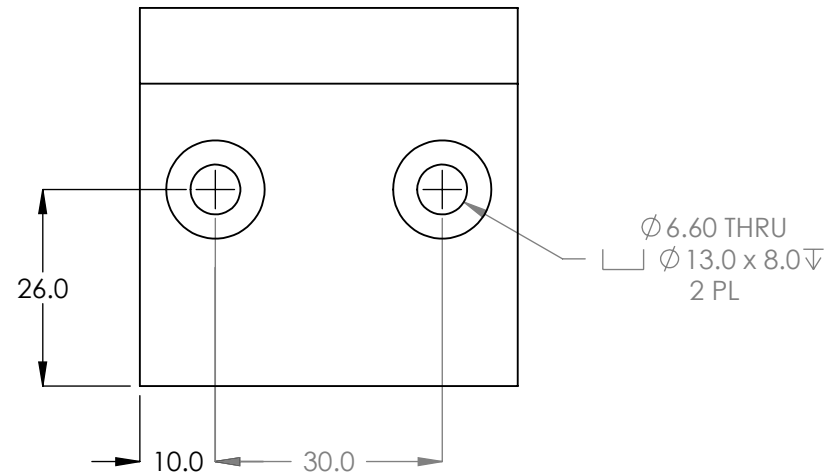
NEXT ASSEMBLY
5215162

DO NOT SCALE DRAWING		NAME		DATE			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	TM	08/10/2022		1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
		CHECKED					
		THIRD ANGLE PROJECTION				TITLE: HDS-40 APPROACH RAMP EDGE GUARD	
						SIZE DWG. NO. A 5716089	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				REV B	
SCALE: 1:3						SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE




REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	UPDATED TITLE TO REFLECT WHERE USED	12/29/2016	TS	00798
D	CHANGED MATERIAL TO TIVAR 1000 VIRGIN NATURAL (UHMW-PE)	05/10/2017	TS	00829
E	UPDATED TITLE TO REFLECT WHERE USED	05/07/2018	TS	00945

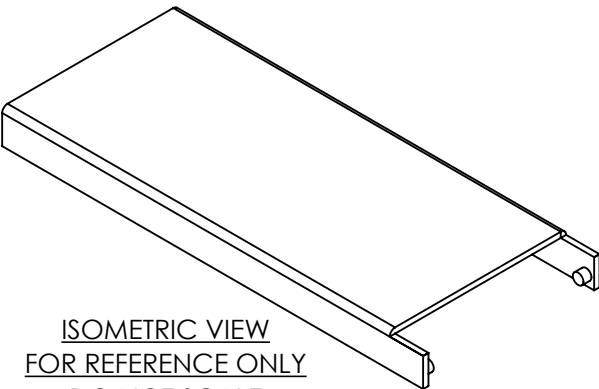


NOTE: UNLESS OTHERWISE SPECIFIED.

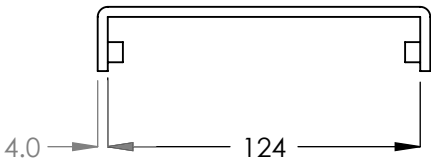
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** TIVAR 1000 VIRGIN NATURAL (UHMW-PE)

NEXT ASSEMBLY
5215152
5215159

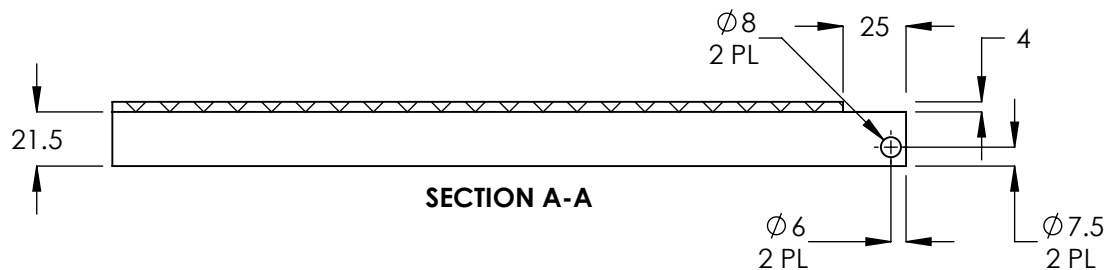
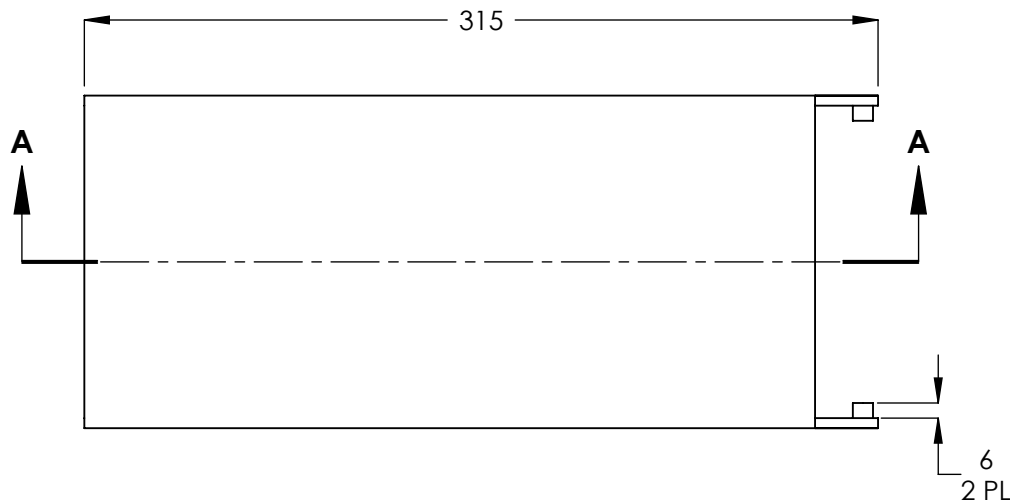
DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ		10/14/2008			
		CHECKED		CA		10/30/2018			
Y		THIRD ANGLE PROJECTION				TITLE:			
						HDS-18/27/40 SERIES ALIGNMENT BLOCK			
						1645 LEMONWOOD DR. SANTA PAULA, CA 93060			
						SIZE DWG. NO.		REV	
						A 5716153		E	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SCALE: 1:1		SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5700164	08/06/2014	TM	00664
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/22/2018	TS	00945
C-001	ADDED RAL NUMBER	02/06/2023	CA	01468






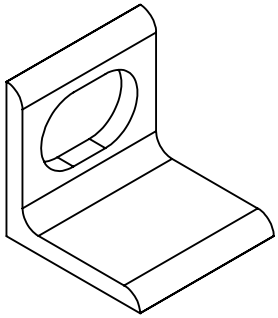
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

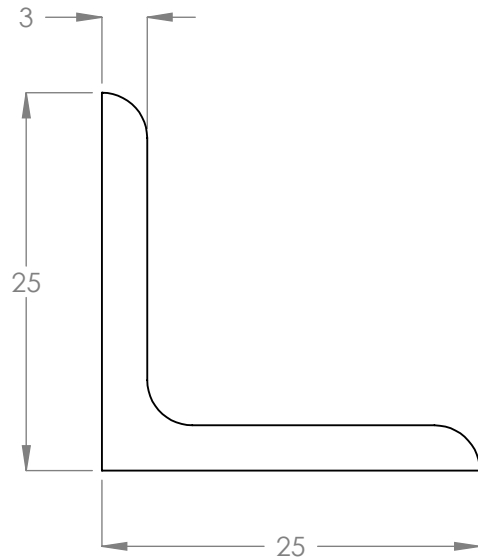
- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ABS (YELLOW RAL-1018)

NEXT ASSEMBLY
5250079
5250082
5250172
5250175
5250286
5250364

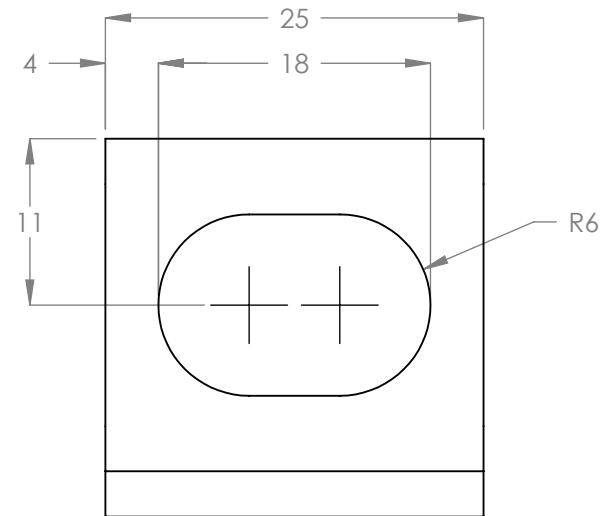
DO NOT SCALE DRAWING		NAME		DATE			
<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES: MACHINE TO</div> <div>0 = ±1.5</div> <div>0.0 = ±0.5</div> <div>0.00 = ±0.13</div> <div>SURFACE FINISH 1.6 Ra µm</div> <div>FOR MACHINED SURFACES</div> <div>UNLESS OTHERWISE SPECIFIED</div>		DRAWN		TM		08/06/2014	
		CHECKED					
		THIRD ANGLE PROJECTION				TITLE:	
						HDS-18/27/40	
						CROSSTUBE COVER,	
						PLASTIC	
		SIZE		DWG. NO.		REV	
		A		5716633		C	
		SCALE: 1:3		SHEET 1 OF 1			



**ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE**



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	05/13/2009	AC	00241
A-001	UPDATED NEXT ASSEMBLY	02/22/2010	AC	00333
A-002	UPDATED NEXT ASSEMBLY	08/16/2010	AC	00388
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/17/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/15/2018	TS	00945



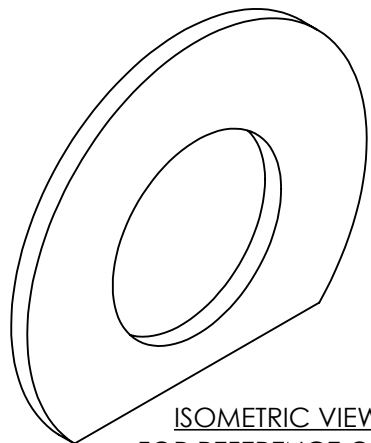
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES
FL14 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

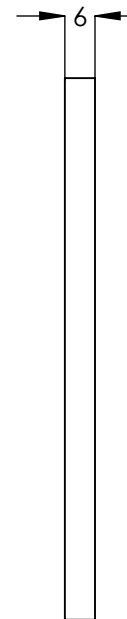
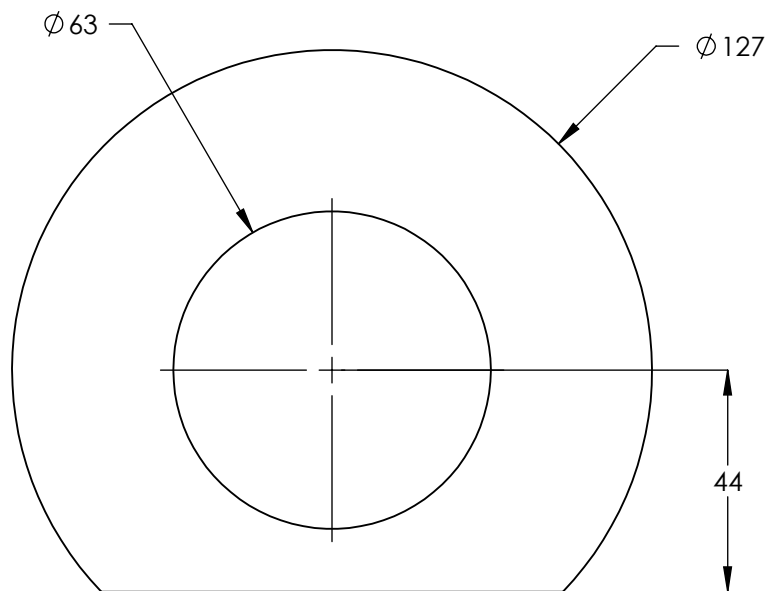
- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5600409
5600410
5601932

DO NOT SCALE DRAWING	NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5	DRAWN	AC 05/03/2009	
	CHECKED	CA 10/30/2018	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	THIRD ANGLE PROJECTION		TITLE:
			HDS-27/40 SERIES TOP PLATE ANGLE
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>	SIZE	DWG. NO.	REV
	A	5721010	C
SCALE: 2:1			SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-1051, PRODUCTION RELEASE	10/13/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	05/11/2018	TS	00945

WHERE USED
HDS-40 SERIES

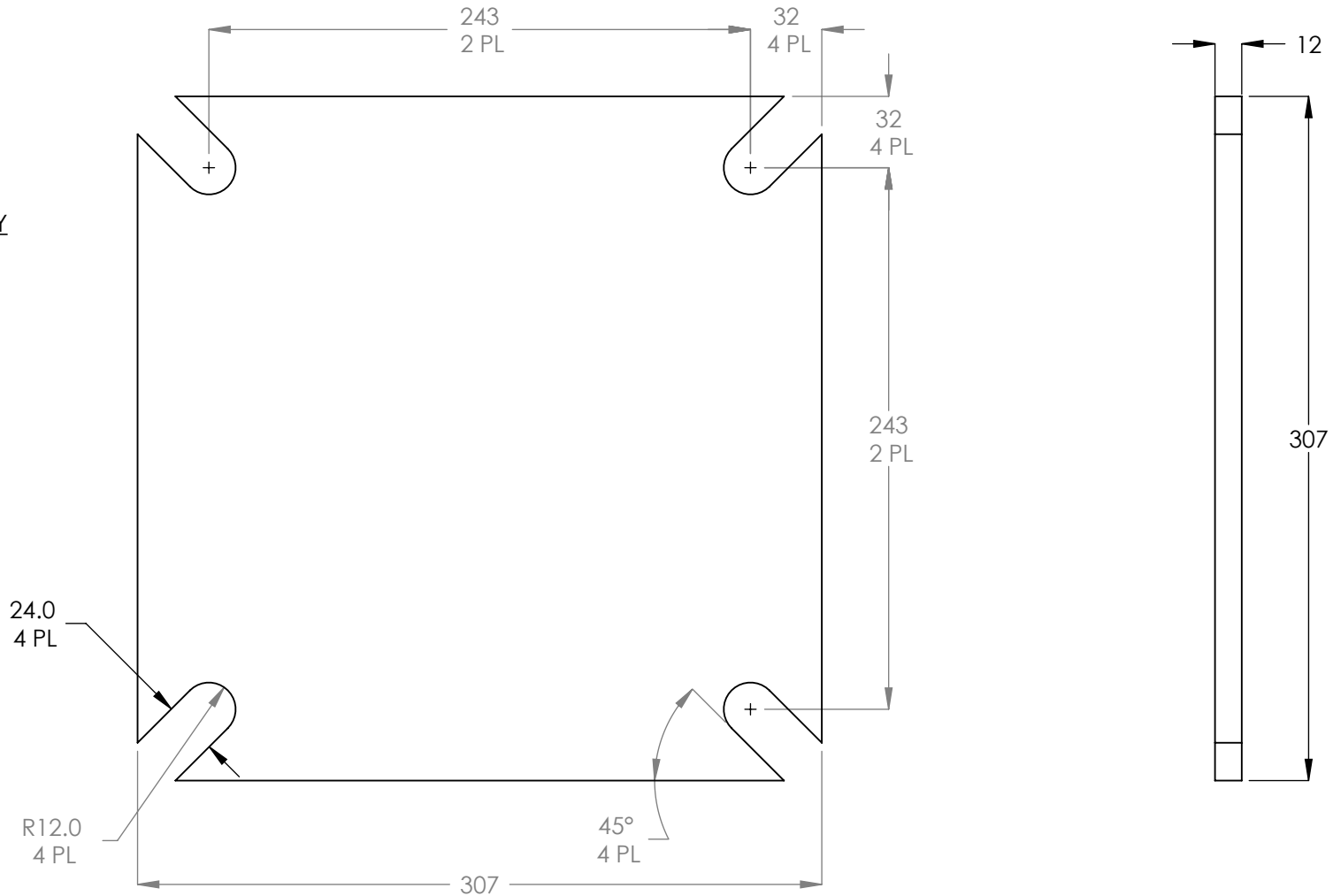
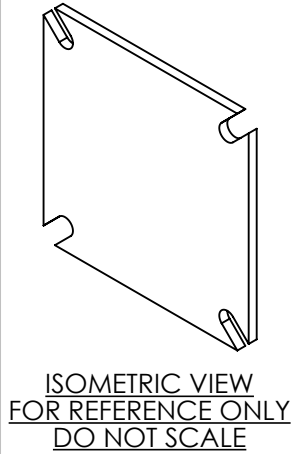
NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620241

DO NOT SCALE DRAWING	NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	DRAWN	GJZ 10/13/2008		
	CHECKED	CA 10/30/2018		
THIRD ANGLE PROJECTION			TITLE: HDS-40 SHEAVE PIN SHOULDER	
 <small>PROPRIETARY AND CONFIDENTIAL</small> <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>			SIZE DWG. NO.	REV
			A 5730029	B
			SCALE: 1:1.5	SHEET 1 OF 1



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5730026	02/22/2017	TM	00798
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/04/2018	TS	00945
C	WAS 22 4PL NOW 24.0 4PL, WAS R11 NOW R12.0	05/16/2023	TM	01495

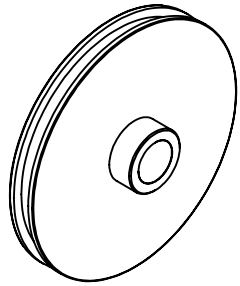


NOTE: UNLESS OTHERWISE SPECIFIED.

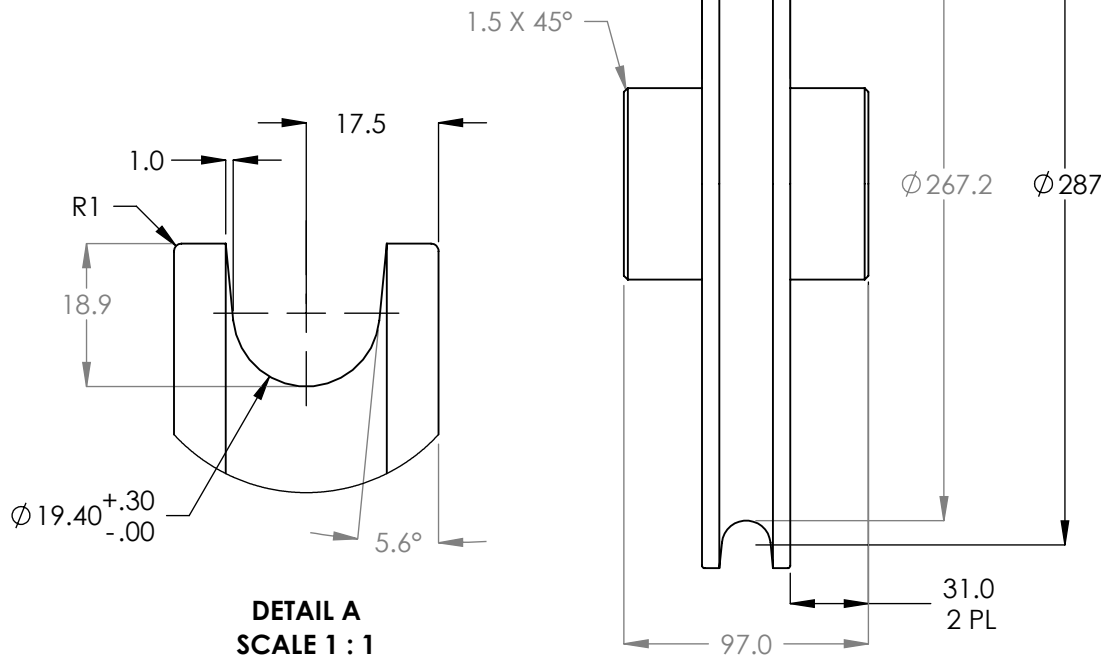
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700
4. FLAME CUT PERMISSABLE

NEXT ASSEMBLY
5600978
5600980
5601141
5601143

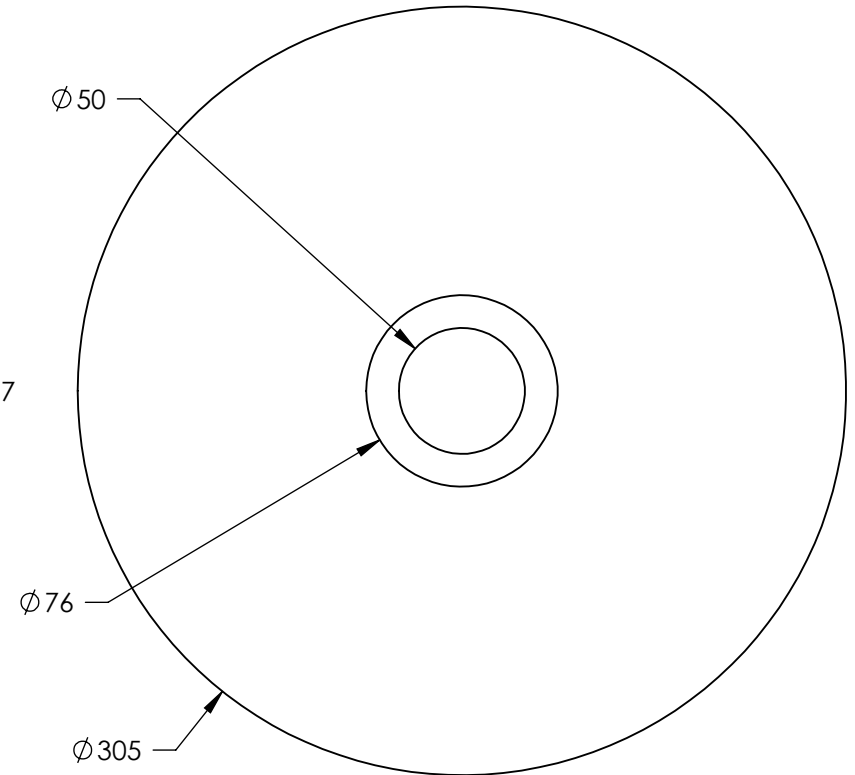
DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN		TM		02/22/2017			
		CHECKED		OR		06/01/2023			
SURFACE FINISH 1.6 Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION				TITLE:			
						HDS-18/27/40 BASE PLATE			
Y		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. , ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE DWG. NO.		REV	
						A		5730077	
						C			
						SCALE: 1:3		SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-181, PRODUCTION RELEASE	09/17/2008	GJZ	00241
A-001	ADDED ZINC PLATE CALLOUT	11/18/2010	AC	00418
B	WAS R9.80 NOW Ø19.40+.30, WAS 15° NOW 5.6°, REMOVED PRESS FIT NOTE	12/29/2017	TM	00909
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

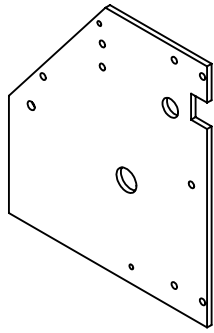


NOTE: UNLESS OTHERWISE SPECIFIED.

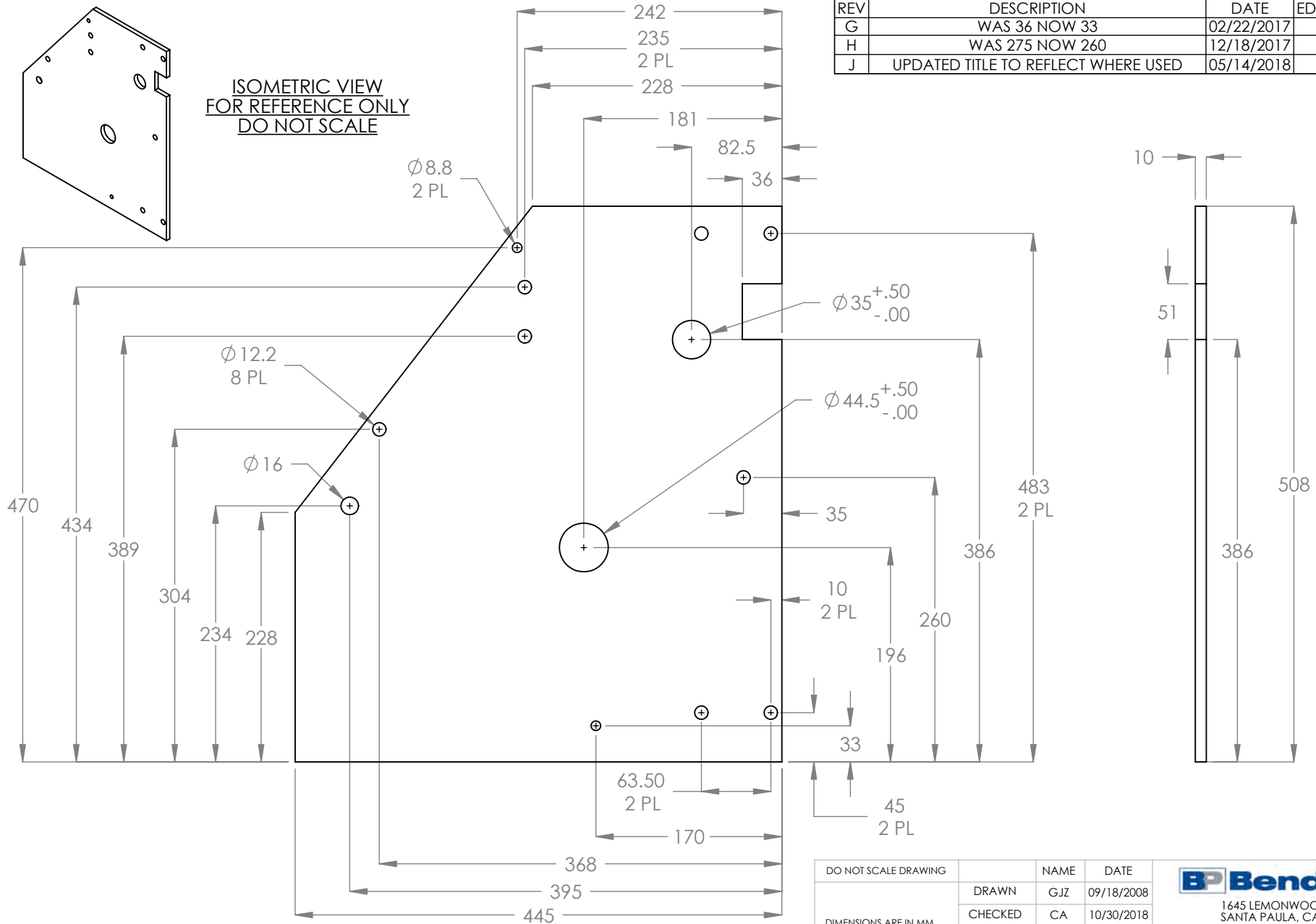
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. MATERIAL: HR ASTM A36 OR Q235 GB/T 700
4. CARBORIZE AND CASE HARDEN, HEAT TREAT TO R.C. 55-58, 0.7 - 1.0mm DEEP
5. FINISH ZINC PLATE ASTM B633 TYPE 3 SC 2
6. DIMENSIONS SHOWN ARE AFTER PLATING

NEXT ASSEMBLY
5215139

DO NOT SCALE DRAWING		NAME		DATE				
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ		09/17/2008		
		CHECKED		CA		10/30/2018		
		THIRD ANGLE PROJECTION				TITLE: HDS-40 SERIES CROSSTUBE SHEAVE		
								
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE DWG. NO.		REV
						A 5731007		C
		SCALE: 1:3						SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





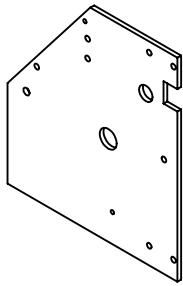
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
G	WAS 36 NOW 33	02/22/2017	TM	00798
H	WAS 275 NOW 260	12/18/2017	TM	00909
J	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

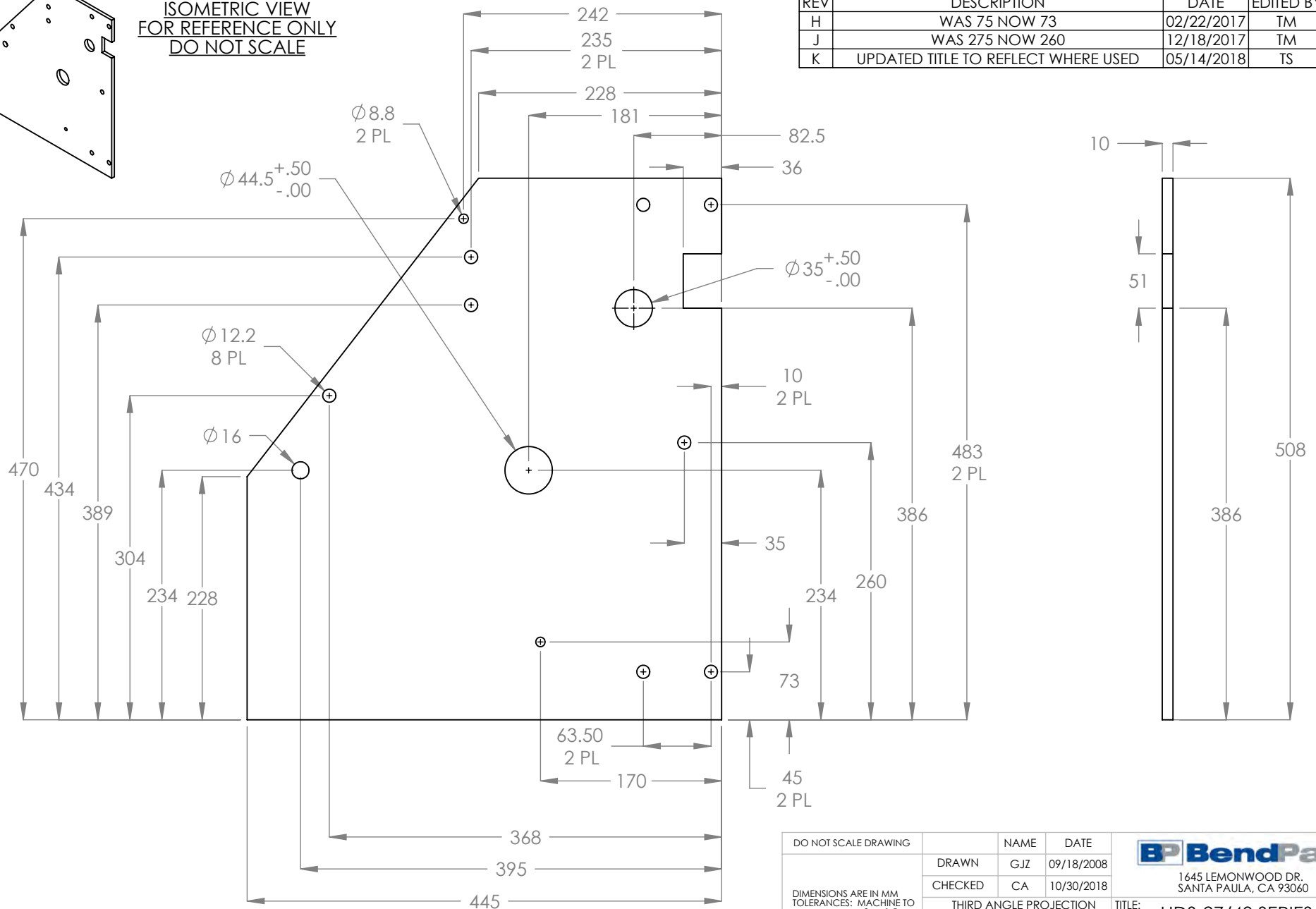
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620175

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DRAWN		GJZ	09/18/2008		
CHECKED		CA	10/30/2018		
<p>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</p>		THIRD ANGLE PROJECTION		TITLE:	
				HDS-27/40 SERIES	
				CROSSTUBE SIDE PLATE #1	
				SIZE DWG. NO.	
7		A		5731008	J
		SCALE: 1:5			
		SHEET 1 OF 1			



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
H	WAS 75 NOW 73	02/22/2017	TM	00798
J	WAS 275 NOW 260	12/18/2017	TM	00909
K	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

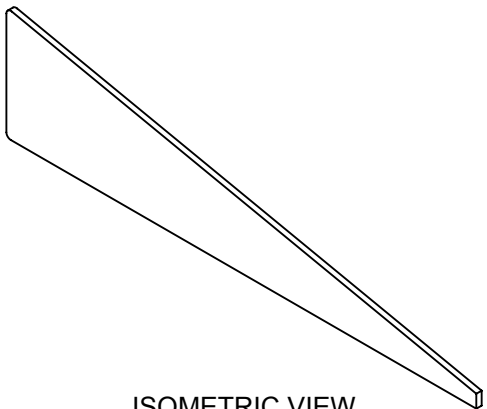
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

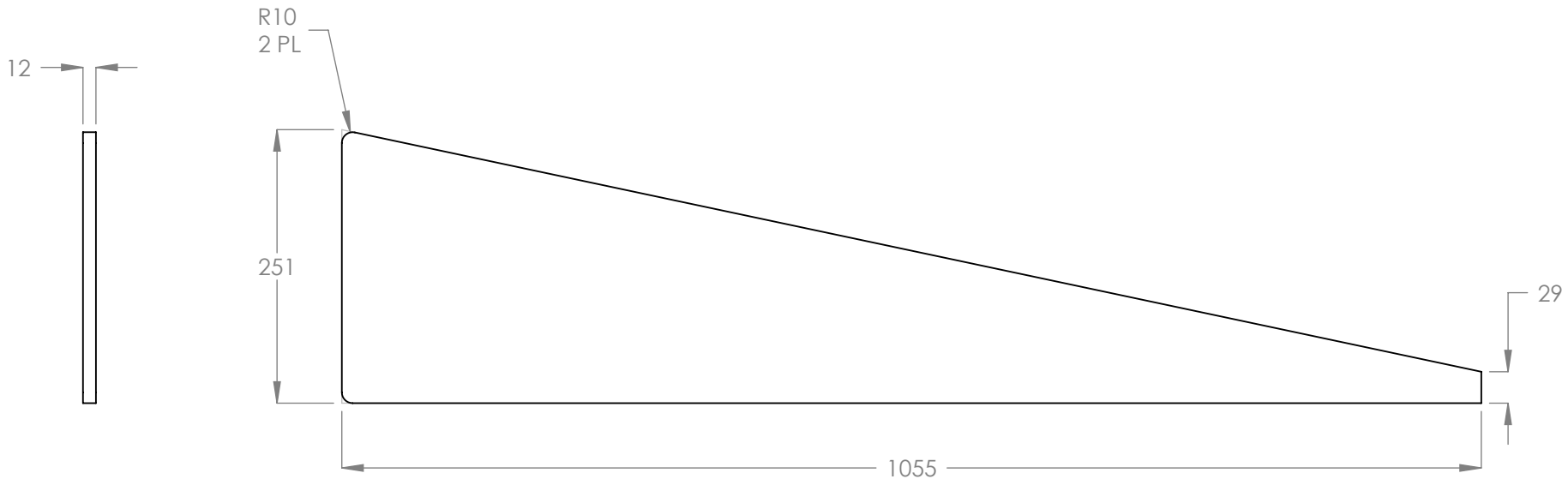
NEXT ASSEMBLY
5620176

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ			09/18/2008
		CHECKED	CA			10/30/2018
Y		THIRD ANGLE PROJECTION			TITLE:	
					HDS-27/40 SERIES CROSSTUBE SIDE PLATE #2	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.			SIZE DWG. NO.	
		A			5731009	REV K
		SCALE: 1:5			SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	WAS 211 NOW 240	05/10/2017	TS	00829
E	WAS 49 NOW 24, WAS 240 NOW 267, UPDATED TITLE TO REFLECT WHERE USED	05/04/2018	TS	00945
F	WAS 267 NOW 251, WAS 24 NOW 29	10/02/2019	TS	01120



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

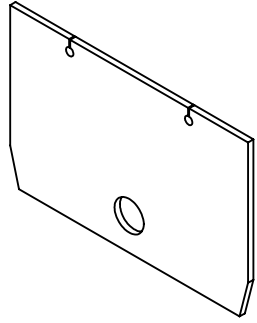
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

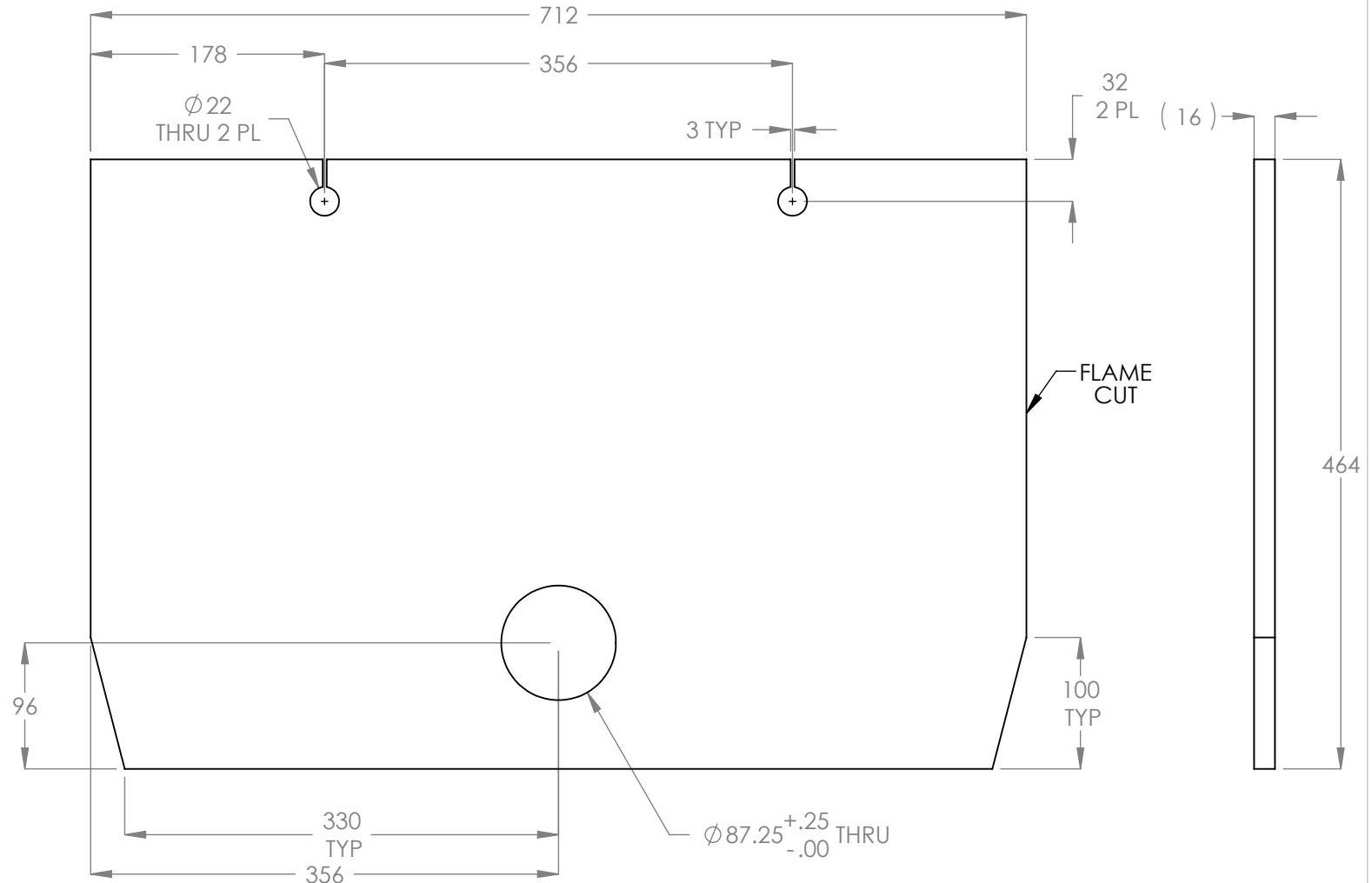
NEXT ASSEMBLY
5600196
5600266

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	AC	05/06/2009		
		CHECKED	CA	01/20/2020		
		THIRD ANGLE PROJECTION		TITLE: HDS-18/27/40 EXTENDED DRIVE UP WEDGE		
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SIZE	DWG. NO.	REV
				A	5731011	F
		SCALE: 1:6			SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-146, PRODUCTION RELEASE	10/08/2008	GJZ	00241
B	WAS 25 NOW 32	09/01/2009	AC	00297
B-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/11/2018	TS	00945





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

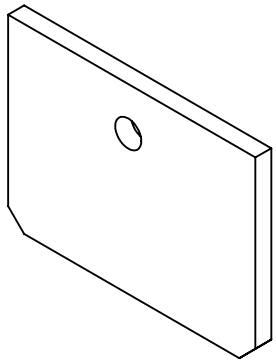


NOTE: UNLESS OTHERWISE SPECIFIED.

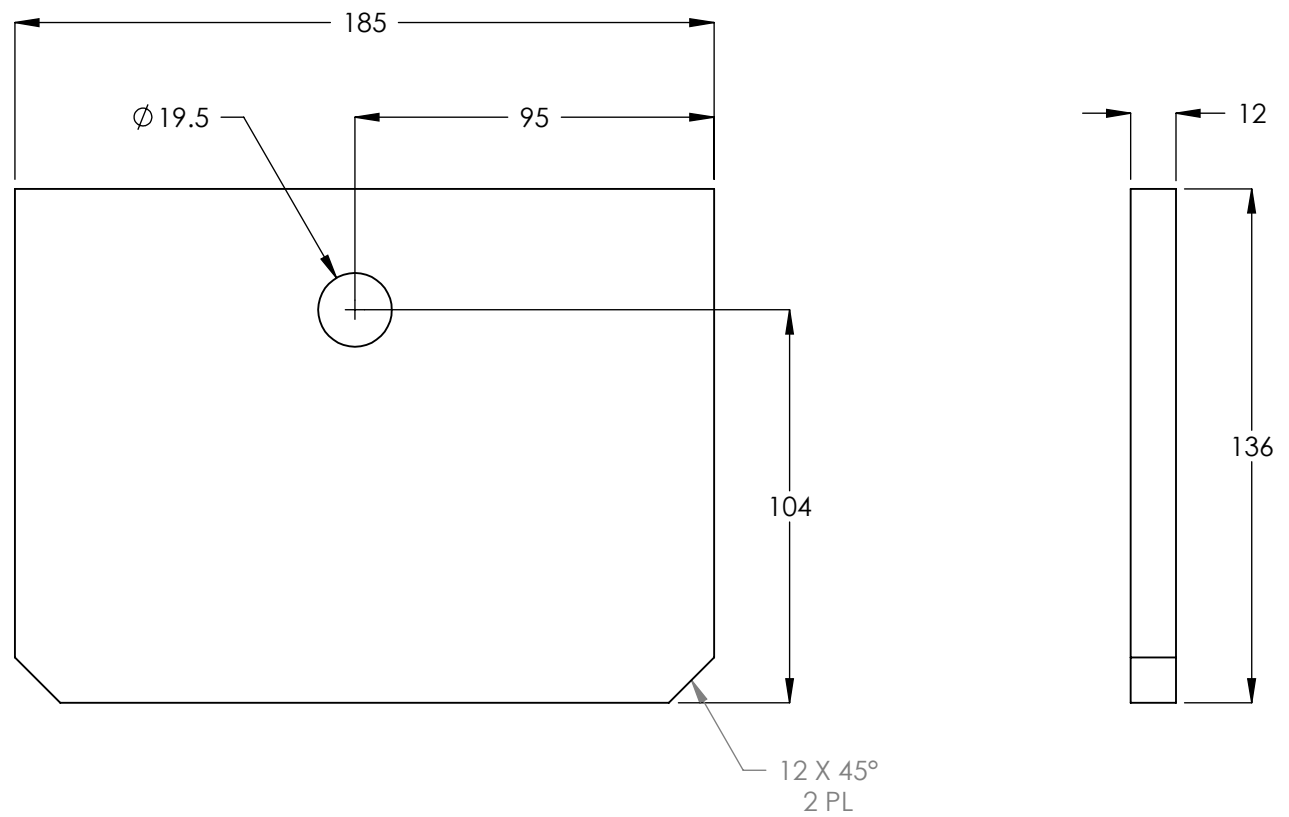
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620170
5620195

DO NOT SCALE DRAWING		NAME		DATE		<div> 1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ 10/08/2008			
		CHECKED		CA 10/30/2018			
		THIRD ANGLE PROJECTION				TITLE: HDS-40 SERIES POWER SIDE RAMP END PLATE	
		<div>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>					
Y			SIZE		DWG. NO.		REV
			A		5731013		C
		SCALE: 1:5				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



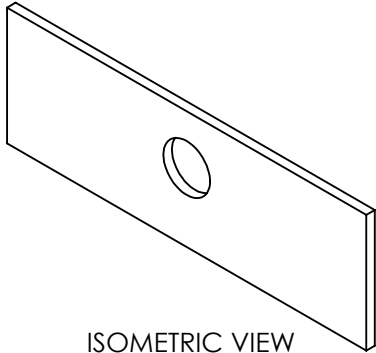
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-148, PRODUCTION RELEASE	10/08/2008	GJZ	00241
A-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/11/2018	TS	00945

WHERE USED
HDS-40 SERIES

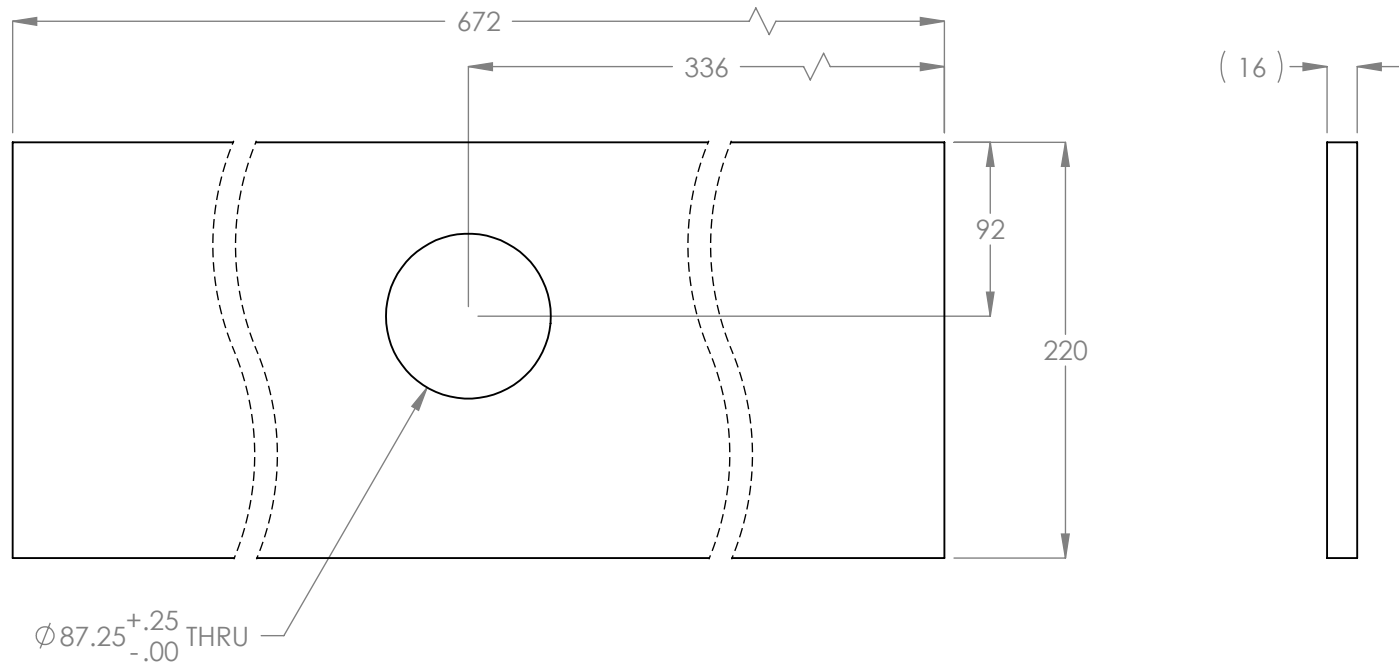
- NOTE: UNLESS OTHERWISE SPECIFIED.**
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
 - MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5601447
5601448
5620195
5620170

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN	GJZ 10/08/2008	
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED	CA 10/30/2018	
THIRD ANGLE PROJECTION				TITLE:
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		HDS-40 RAMP SUPPORT PLATE		SIZE DWG. NO.
		A 5731014		REV
		SCALE: 1:2		B SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





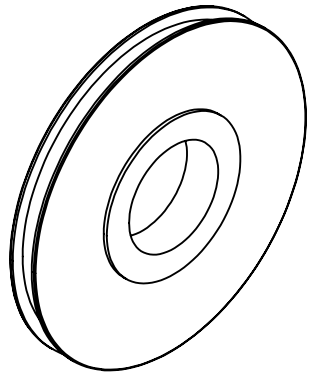
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-153, PRODUCTION RELEASE	10/08/2008	GJZ	00241
A-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/11/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

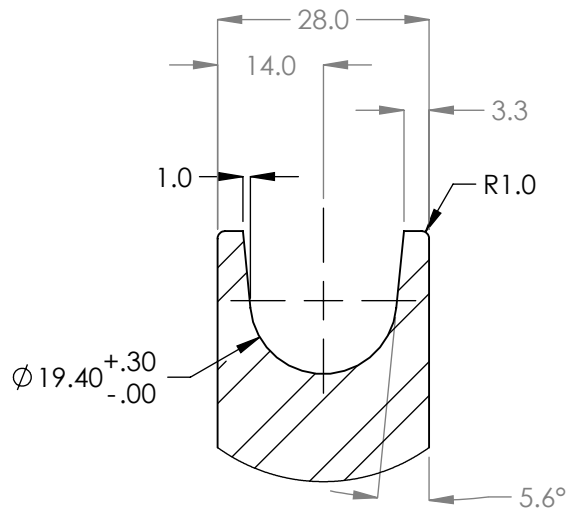
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620170
5620195

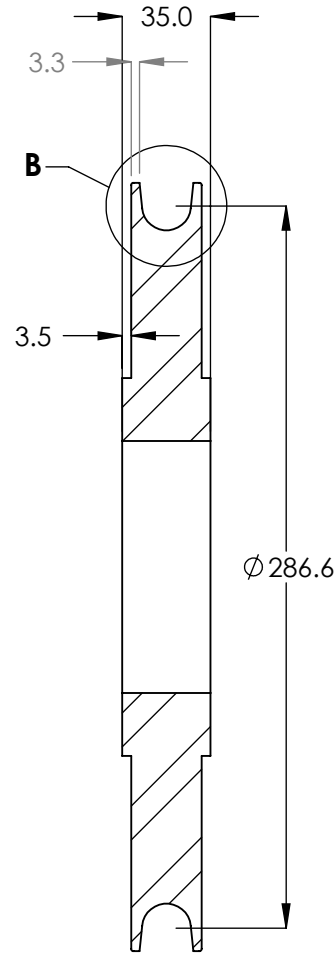
DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ		10/08/2008			
		CHECKED		CA		10/30/2018			
		THIRD ANGLE PROJECTION				TITLE:			
						HDS-40 SERIES BOTTOM SHEAVE PLATE			
Y		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>				SIZE DWG. NO.		REV	
						A 5731015		B	
SCALE: 1:4						SHEET 1 OF 1			



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

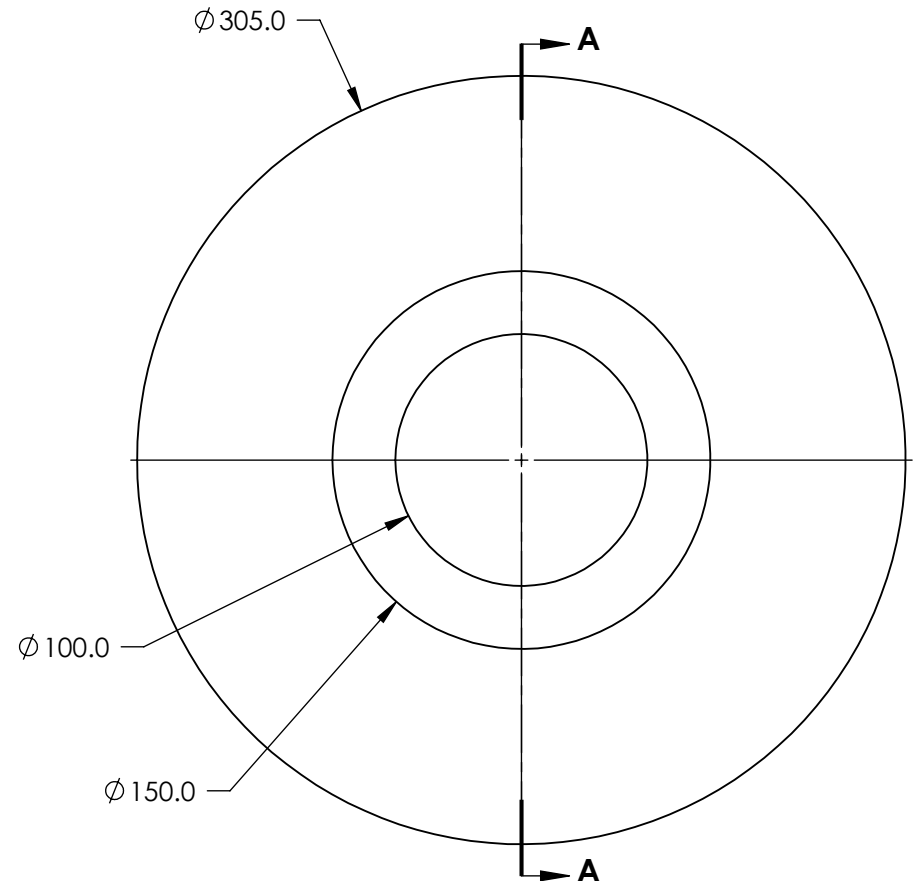


DETAIL B
SCALE 1 : 1



SECTION A-A

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM H-169	10/10/2008	GJZ	00241
A-001	ADDED ZINC PLATE CALLOUT	11/15/2010	AC	00418
B	WAS R9.80 NOW Ø19.40+.30, WAS 10° NOW 5.6°, REMOVED PRESS FIT NOTE	12/29/2017	TM	00909
C	UPDATED TITLE TO REFLECT WHERE USED	05/10/2018	TS	00945





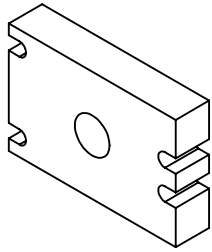
WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

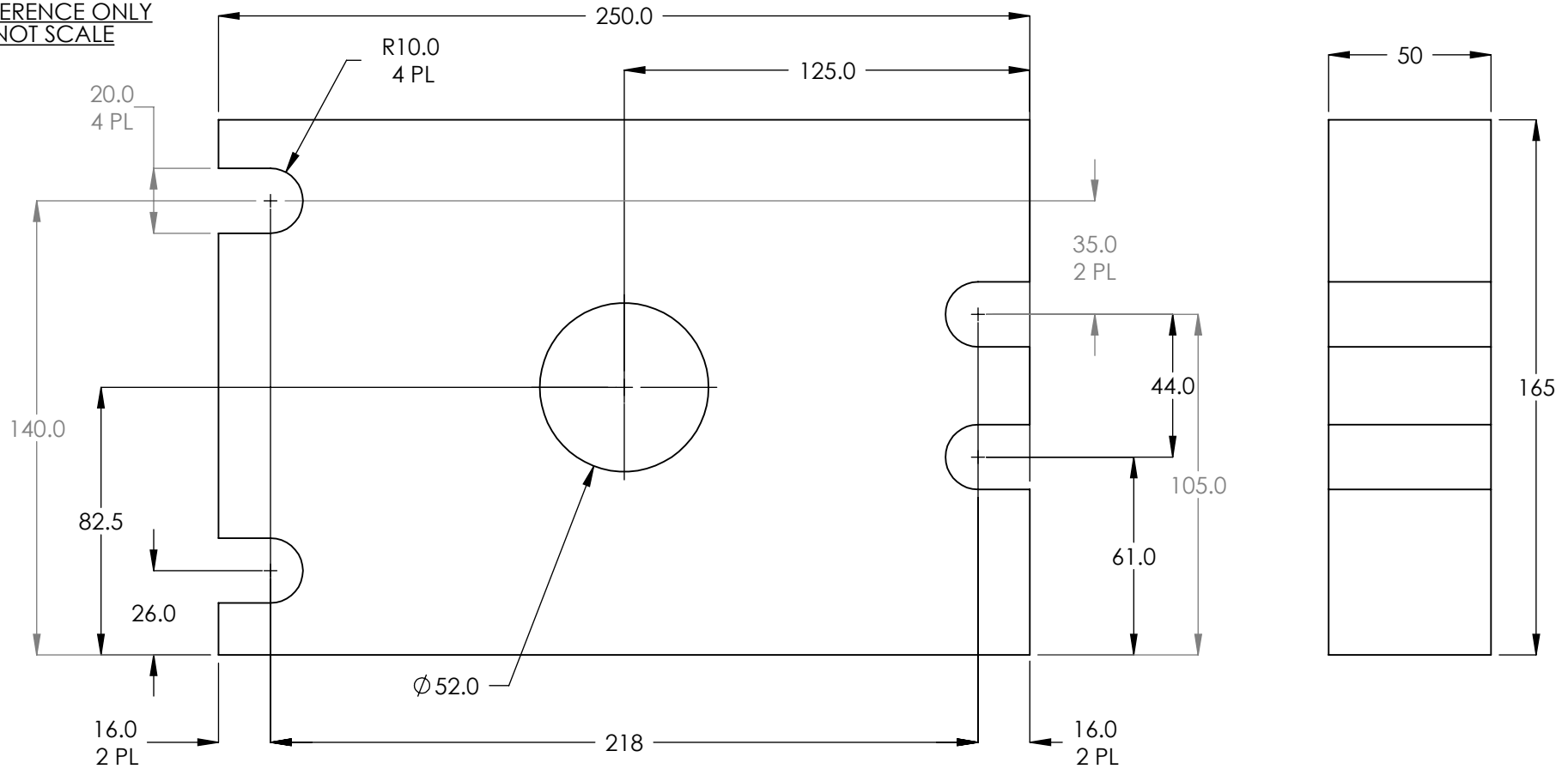
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700
4. CARBORIZE AND CASE HARDEN, HEAT TREAT TO R.C. 55-58, 0.7 - 1.0mm DEEP
5. FINISH ZINC PLATE ASTM B633 TYPE 3 SC 2
6. DIMENSIONS SHOWN ARE AFTER PLATING

NEXT ASSEMBLY
5215148

DO NOT SCALE DRAWING		NAME		DATE			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN		GJZ		10/10/2008	
		CHECKED		CA		10/30/2018	
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION				TITLE:	
						HDS-40 RAMP SHEAVE ROLLER	
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>				1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
Y			SIZE		DWG. NO.		REV
			A		5731017		C
			SCALE: 1:3				SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	WAS 25.0 NOW 140.0, WAS 25.0 NOW 26.0, WAS 46.0 NOW (38.0), WAS 59.5 NOW 64.0	12/29/2017	TM	00909
E	UPDATED TITLE TO REFLECT WHERE USED	05/10/2018	TS	00945
F	WAS 38.0 NOW 44.0, WAS 64.0 NOW 61.0, WAS 102.0 NOW 105.0	12/09/2019	TM	01120

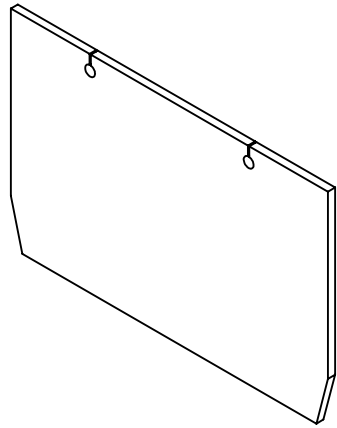
WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

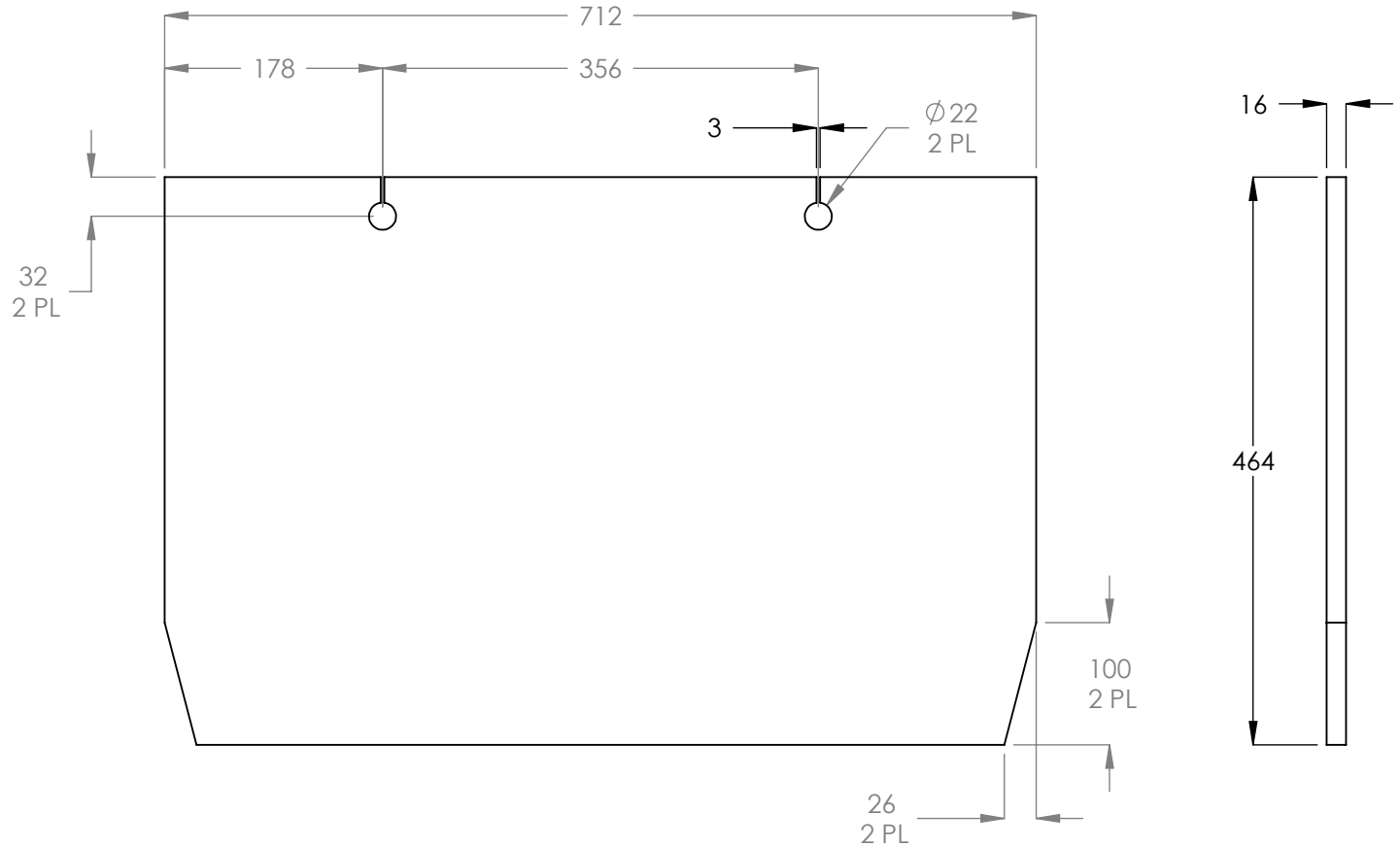
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620186

DO NOT SCALE DRAWING		NAME	DATE
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN GJZ	10/14/2008
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED CA	01/02/2020
THIRD ANGLE PROJECTION		BP BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		TITLE: HDS-40 CABLE RETAINER BLOCK	
SIZE DWG. NO.		REV	
A 5731018		F	
SCALE: 1:2			SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-214, PRODUCTION RELEASE	10/14/2008	GJZ	00241
B	WAS 25 NOW 32	09/01/2009	AC	00297
C	UPDATED TITLE TO REFLECT WHERE USED	05/11/2018	TS	00945

WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

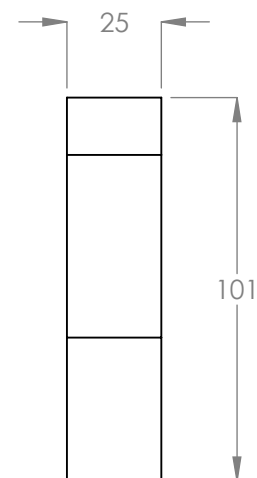
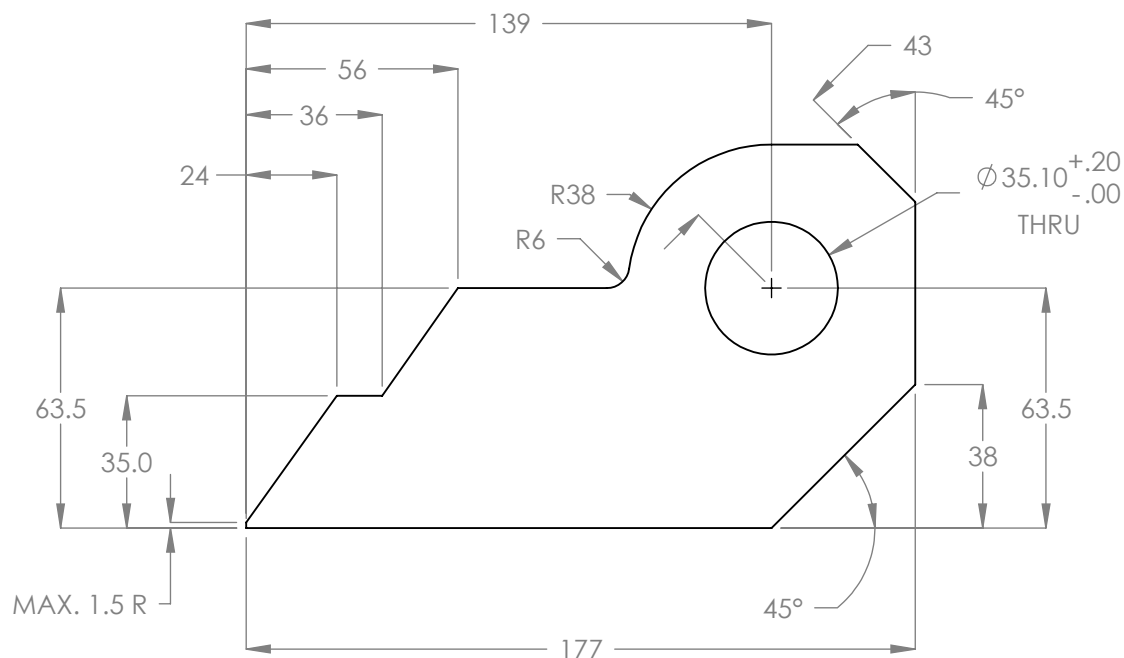
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700
- FLAME CUT PERMISSABLE

NEXT ASSEMBLY
5601447
5601448

DO NOT SCALE DRAWING		NAME		DATE		 1645 LEMONWOOD DR. SANTA PAULA, CA 93060					
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN		GJZ		10/14/2008					
		CHECKED		CA		10/30/2018					
		THIRD ANGLE PROJECTION						TITLE:			
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED								HDS-40 OFF SIDE RAMP END PLATE			
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC., ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>						SIZE	DWG. NO.	REV	
								A	5731019	C	
									SCALE: 1:6		SHEET 1 OF 1





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	12/30/2016	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED, MATERIAL WAS Q235 NOW Q345	05/14/2018	TS	00945

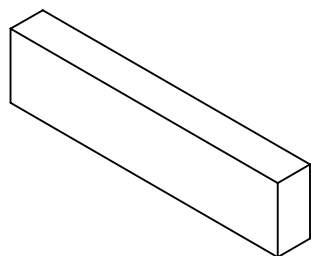


NOTE: UNLESS OTHERWISE SPECIFIED.

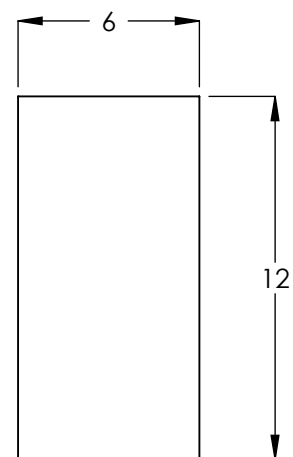
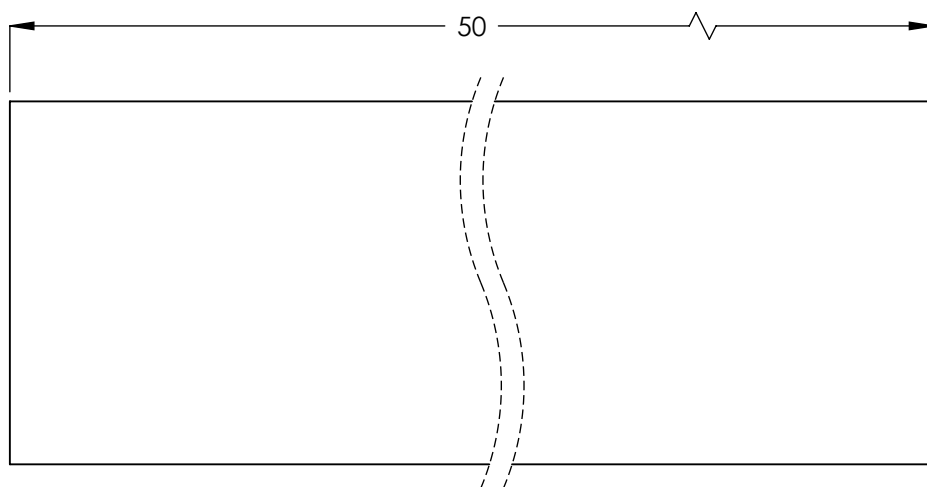
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A588-05 OR Q345 GB/T 1591-2008

NEXT ASSEMBLY
5210358
5210359

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>			
<div>DIMENSIONS ARE IN MM. TOLERANCES: MACHINE TO 0 ± .1 0.0 ± 0.5 0.00 ± 0.13 ANGULAR: MACHINE TO 0 ± 1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</div>		DRAWN		SH				04/11/2013	
		CHECKED		CA				10/30/2018	
<div>7</div>		THIRD ANGLE PROJECTION				TITLE:			
						HDS-18/27/40 SERIES SAFETY LATCH			
<div>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>				SIZE DWG. NO.		REV			
				A		5731244			
				SCALE: 1:2		SHEET 1 OF 1			



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	12/21/2016	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/11/2018	TS	00945

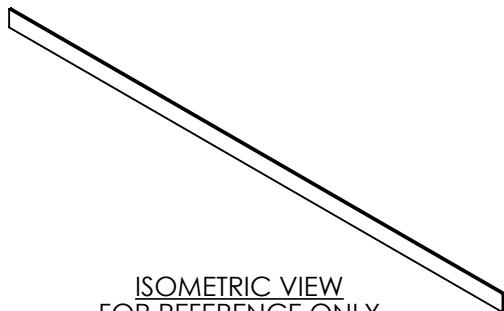
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

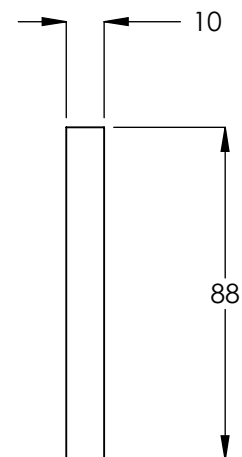
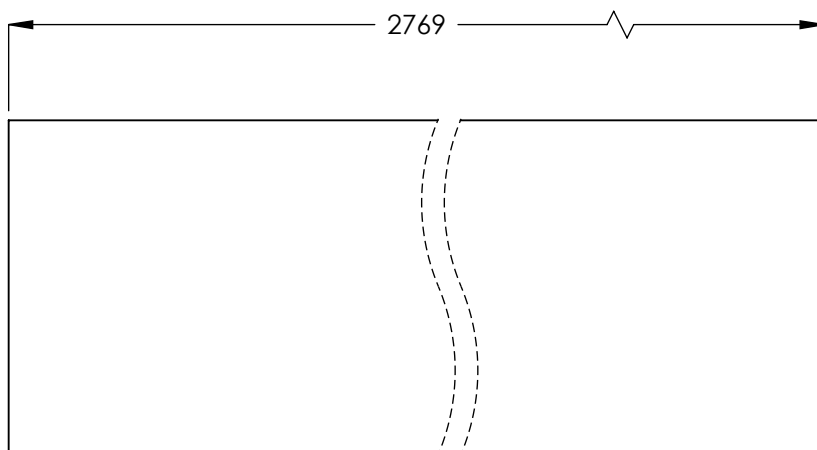
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5601446
5601831
5601832
5601833
5601834
5620170
5620195
5620198
5620207
5620874

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	GJZ 09/18/2008	
		CHECKED	CA 10/30/2018	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION		TITLE:
				HDS-18/27/40 CROSSTUBE SHAFT STOP
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE	DWG. NO.	REV
		A	5735074	D
SCALE: 4:1				SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A A-001	DERIVED FROM H-539, PRODUCTION RELEASE UPDATED NEXT ASSEMBLY	09/18/2008 02/07/2011	GJZ TM	00241 00438
B	WAS 100 NOW 88, UPDATED TITLE TO REFLECT WHERE USED	01/19/2017	TS	00798
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/14/2018	TS	00945

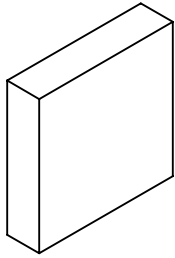
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

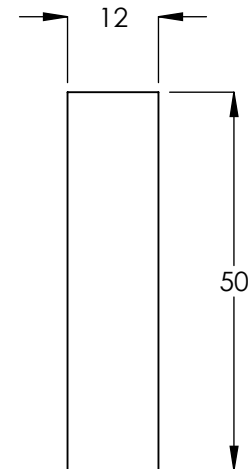
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5601831
5601832
5601833
5601834

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5 SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ 09/18/2008	
		CHECKED	CA 10/30/2018	
 THIRD ANGLE PROJECTION		 THIRD ANGLE PROJECTION		TITLE:
		 THIRD ANGLE PROJECTION		HDS-18/27/40 REINFORCER, CROSSTUBE
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		SIZE	DWG. NO.	REV
		A	5735075	C
SCALE: 1:2			SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE






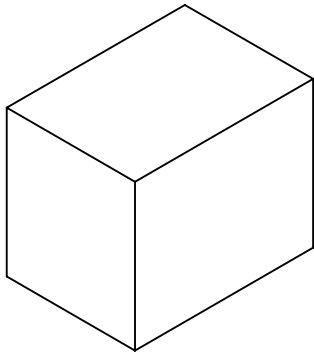
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	REPLACED H-120, PRODUCTION RELEASE	09/18/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

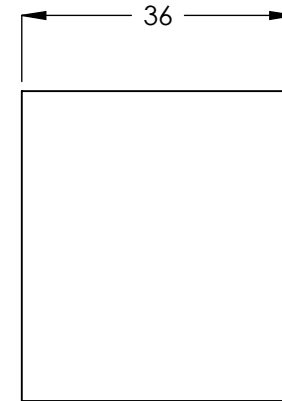
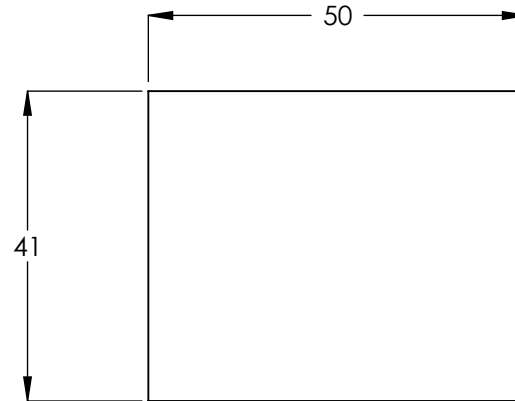
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5620175
5620176

DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ		09/18/2008			
		CHECKED		CA		10/30/2018			
		THIRD ANGLE PROJECTION				TITLE: HDS-27/40 SERIES SAFETY STOP BLOCK SUPPORT			
						SIZE DWG. NO.		REV	
						A 5735076		C	
Y		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SCALE: 1:1		SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE


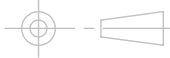


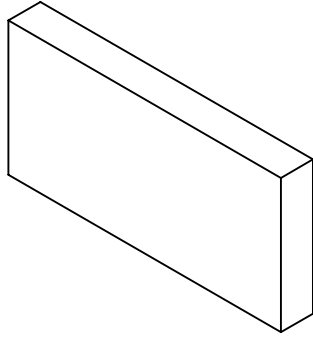
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-121, PRODUCTION RELEASE	09/18/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

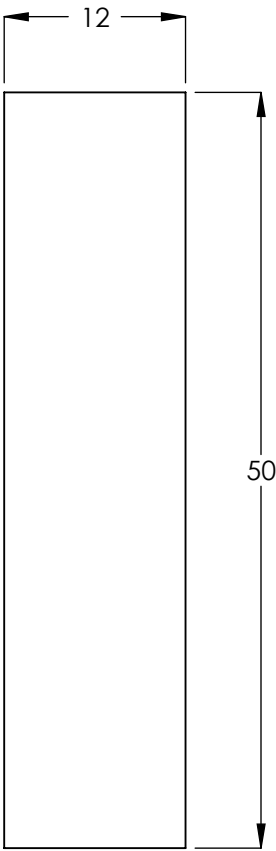
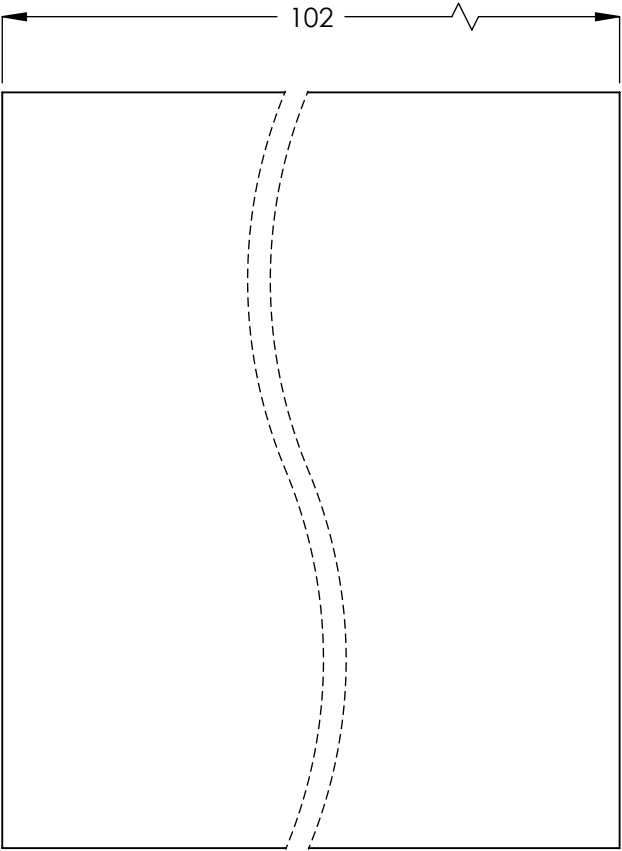
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5620175
5620176

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>	
		DRAWN		GJZ 09/18/2008			
		CHECKED		CA 10/30/2018			
<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES: MACHINE TO</div> <div>0 = ±1.5</div> <div>0.0 = ±0.5</div> <div>0.00 = ±0.13</div> <div>ANGULAR: MACHINE TO</div> <div>0 = ±1/2°</div> <div>SURFACE FINISH 1.6 Ra µm</div> <div>FOR MACHINED SURFACES</div> <div>UNLESS OTHERWISE SPECIFIED</div>		THIRD ANGLE PROJECTION				TITLE:	
						HDS-27/40 SERIES EAR BLOCK SUPPORT	
		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>				SIZE DWG. NO.	
A 5735077						C	
						SCALE: 1:1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





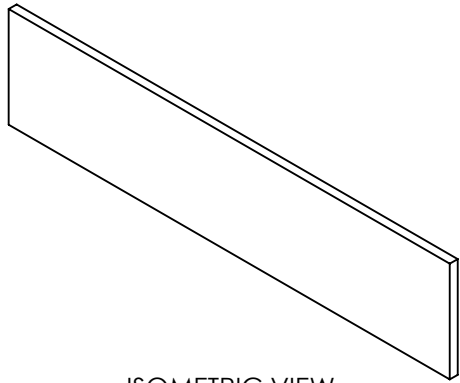
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/14/2015	TM	00724
C	WAS 100 NOW 102, WAS 25 NOW 50	01/19/2017	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

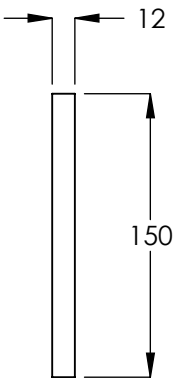
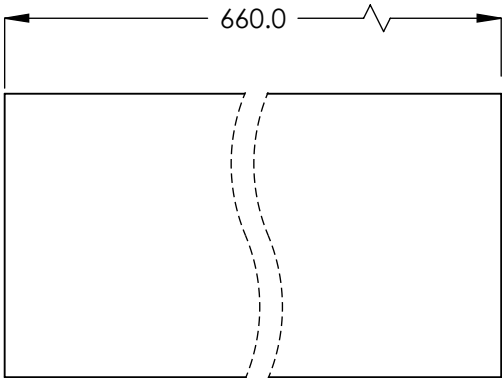
- 1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- 2. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5620175
5620176

DO NOT SCALE DRAWING		NAME	DATE		
<p>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13</p> <p>ANGULAR: MACHINE TO 0 = ±1/2°</p> <p>SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</p>		DRAWN	GJZ	09/18/2008	1645 LEMONWOOD DR. SANTA PAULA, CA 93060
		CHECKED	CA	10/30/2018	
		THIRD ANGLE PROJECTION			TITLE: HDS-27/40 SERIES EAR TIE BAR
 <p>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SIZE	DWG. NO.		REV
		A	5735078		D
		SCALE: 2:1		SHEET 1 OF 1	





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

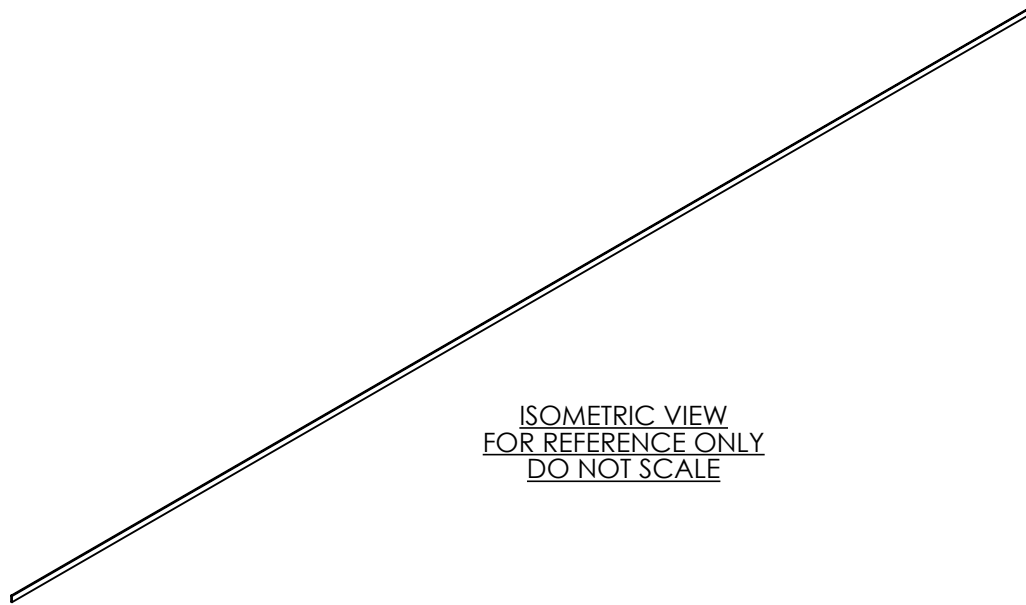


REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A A-001	DERIVED FROM H-147, PRODUCTION RELEASE UPDATED BOM REVISION	10/08/2008 08/06/2012	GJZ TM	00241 00535
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/11/2018	TS	00945

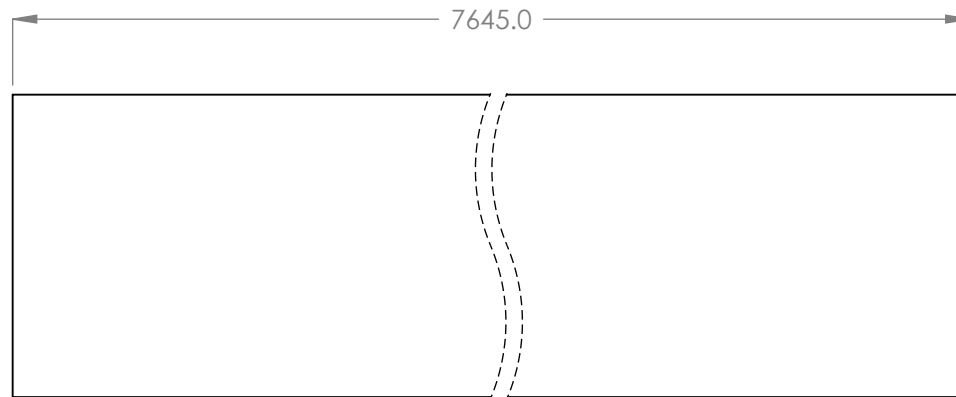
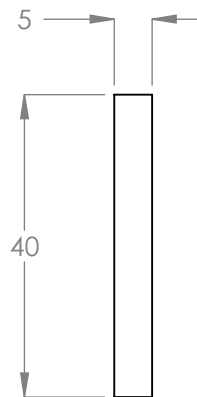
- NOTE: UNLESS OTHERWISE SPECIFIED.**
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
 - MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

NEXT ASSEMBLY
5620170
5620195

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
<p>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0. = ±1.5 0.0 = ±0.5 0.00 = ±0.13</p> <p>ANGULAR: MACHINE TO 0. = ±½°</p> <p>SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</p>		DRAWN	GJZ	10/08/2008	
		CHECKED	CA	10/30/2018	
		THIRD ANGLE PROJECTION		TITLE:	
		HDS-40 SERIES CYLINDER MOUNTING PLATE			
		SIZE	DWG. NO.	REV	
		A	5735081	B	
		SCALE: 1:4			SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE






REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-1067, PRODUCTION RELEASE	10/10/2008	GJZ	00241
B	WAS 7545 NOW 7645	11/02/2009	AC	00312
B-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
B-002	UPDATED NEXT ASSEMBLY	06/02/2015	TM	00683
B-003	UPDATED NEXT ASSEMBLIES	09/24/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/17/2018	TS	00945

WHERE USED
HDS-27X
HDS-27XT
HDS-40X

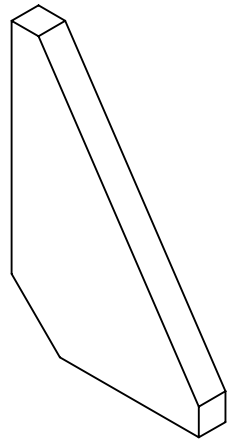
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

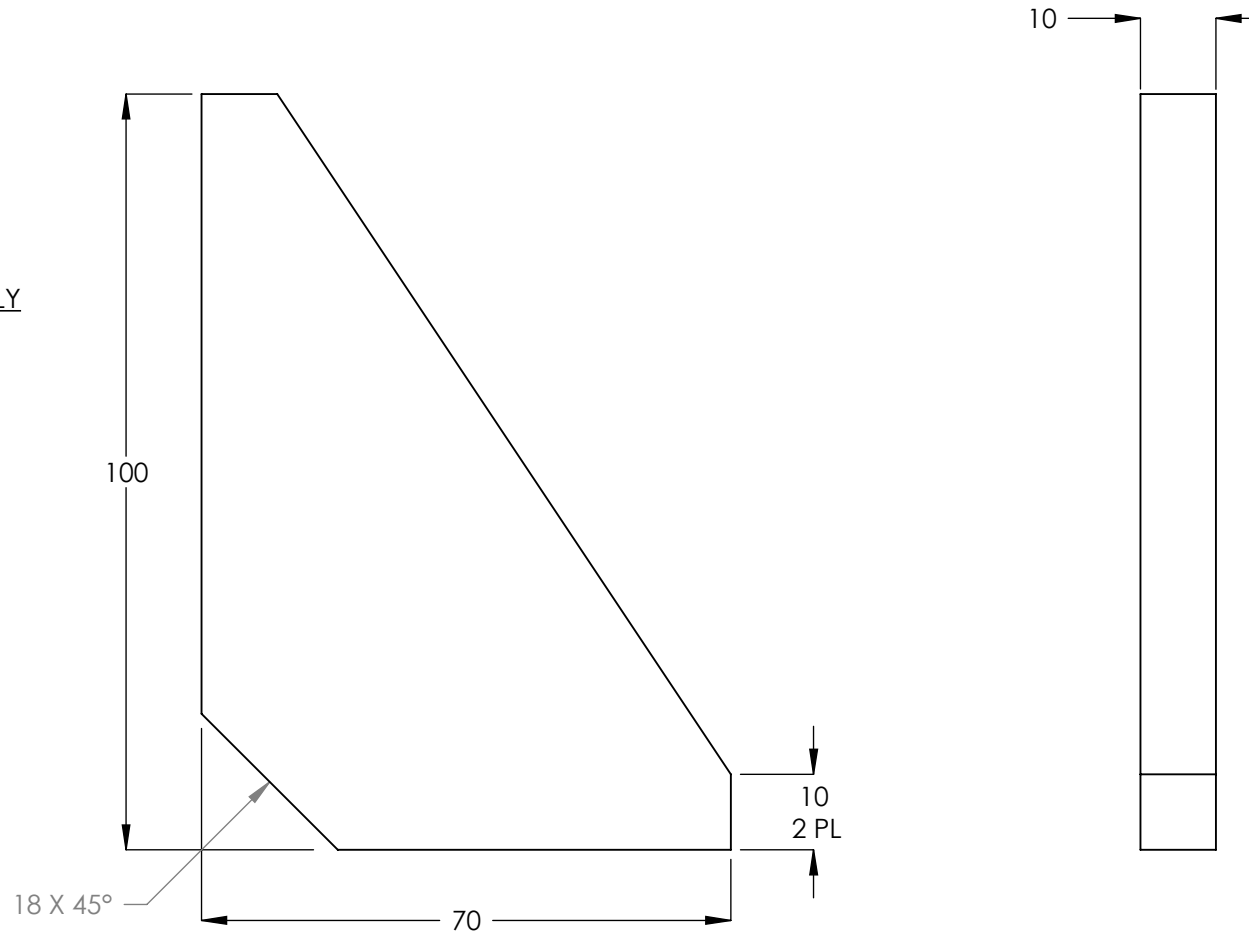
NEXT ASSEMBLY
5600050
5600141
5600983
5601440
5601448

DO NOT SCALE DRAWING		NAME		DATE		 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ 10/10/2008				
		CHECKED		CA 10/30/2018				
Y		THIRD ANGLE PROJECTION				TITLE:		
						HDS-27X/40X ROLLING JACK PLATE		
						SIZE DWG. NO.		REV
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.						A 5735082		C
						SCALE: 1:1		SHEET 1 OF 1

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	REPLACED BY H-852, PRODUCTION RELEASE	10/16/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	09/17/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/15/2018	TS	00945





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

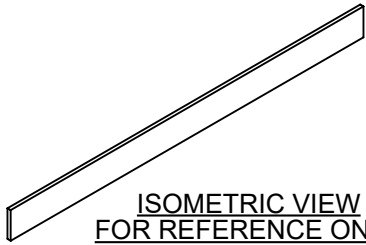


NOTE: UNLESS OTHERWISE SPECIFIED.

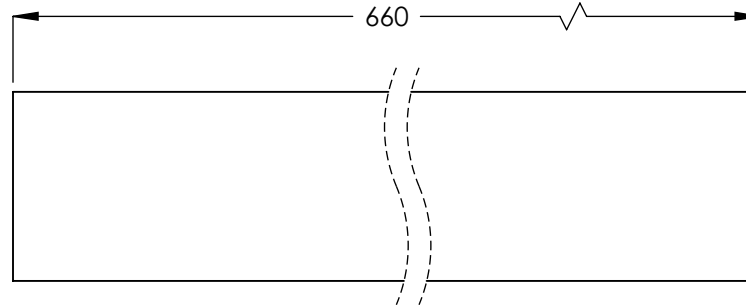
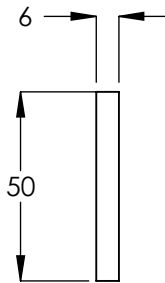
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5620194

DO NOT SCALE DRAWING		NAME	DATE	<div> 1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±½° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ			10/16/2008
		CHECKED	CA			10/30/2018
		THIRD ANGLE PROJECTION			TITLE:	
					HDS-18E/27/40 SERIES TIRE STOP SUPPORT	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.			SIZE DWG. NO.	
					A 5735085	
					SCALE: 1:1	
					SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





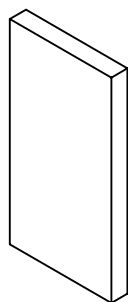
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM H-164	05/11/2009	AC	00241
A-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
A-002	UPDATED NEXT ASSEMBLIES	04/22/2014	TM	00646
A-003	UPDATED NEXT ASSEMBLIES	09/23/2015	TM	00724
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/11/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

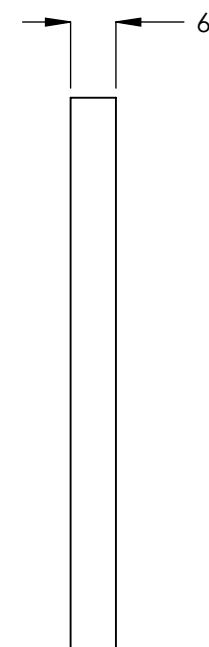
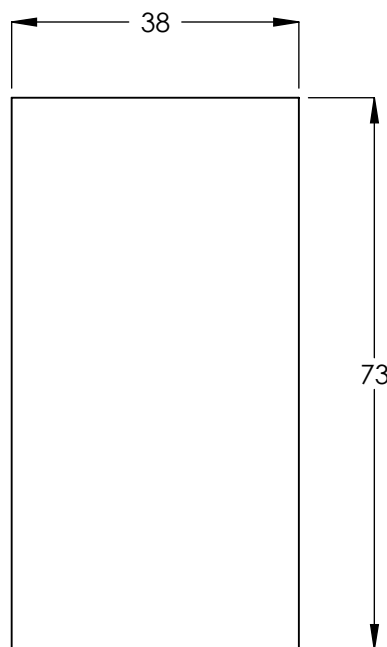
1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5620170
5620195

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: 0. = ± 1.5 0.0 = ± 0.5 ANGULAR: 0. = $\pm 2^\circ$ SURFACE FINISH 1.6 ISO Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	DRAWN	AC	04/20/2009		
	CHECKED	CA	10/30/2018		
THIRD ANGLE PROJECTION 				TITLE: HDS-40 SERIES CYLINDER STRAP	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE DWG. NO.	REV
				A 5735251	B
SCALE: 1:2				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





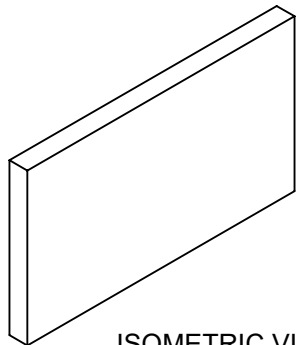
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM H-100	01/13/2011	TM	00431
A-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
A-002	UPDATED NEXT ASSEMBLY	06/02/2015	TM	00683
A-003	UPDATED NEXT ASSEMBLY	08/21/2018	CA	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

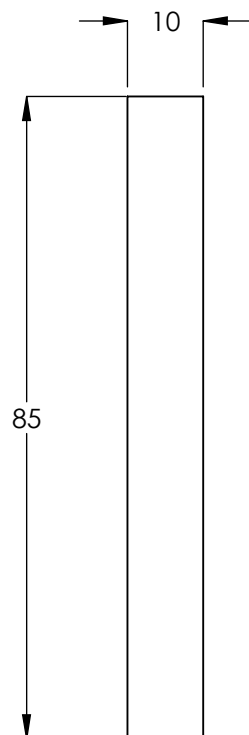
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5620170
5620198
5620207
5620874

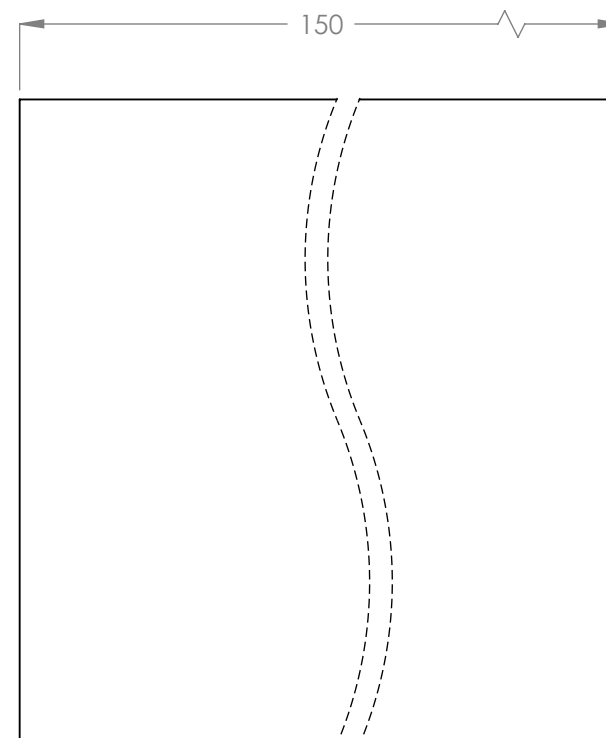
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	DRAWN	TM	01/13/2011	
	CHECKED	CA	10/30/2018	
	THIRD ANGLE PROJECTION			TITLE: LARGE CYLINDER ALIGNMENT KEY
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE	DWG. NO.	REV
		A	5735350	A
SCALE: 1:1				SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE




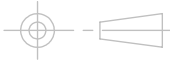
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/17/2015	TM	00724
D	UPDATED TITLE TO REFLECT WHERE USED	12/30/2016	TS	00798
E	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/11/2018	TS	00945

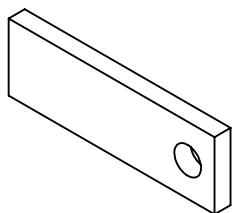


NOTE: UNLESS OTHERWISE SPECIFIED.

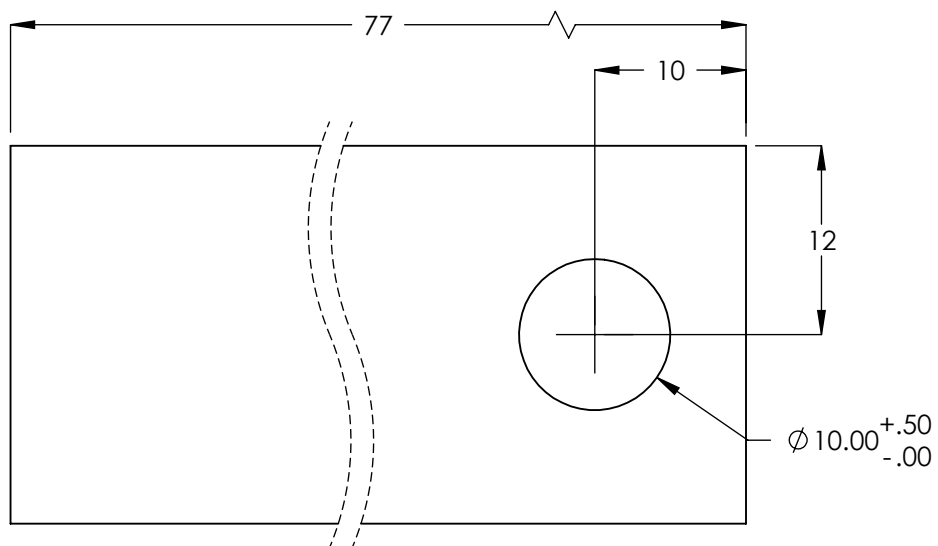
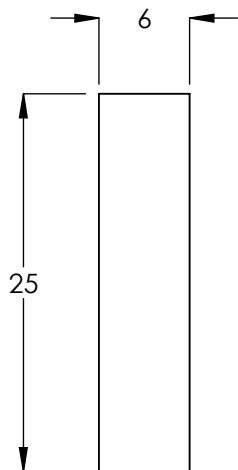
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5600196
5600266

DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5 ANGULAR: 0. = ±2° SURFACE FINISH 1.6 ISO Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		TM		11/26/2012			
		CHECKED		CA		10/30/2018			
		THIRD ANGLE PROJECTION				TITLE: HDS-18/27/40 SERIES LONG HINGE STOP			
Y		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SIZE		DWG. NO.		REV	
				A		5735465		E	
				SCALE: 1:1		SHEET 1 OF 1			



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





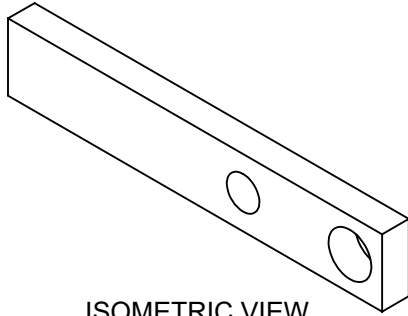
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	12/30/2016	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

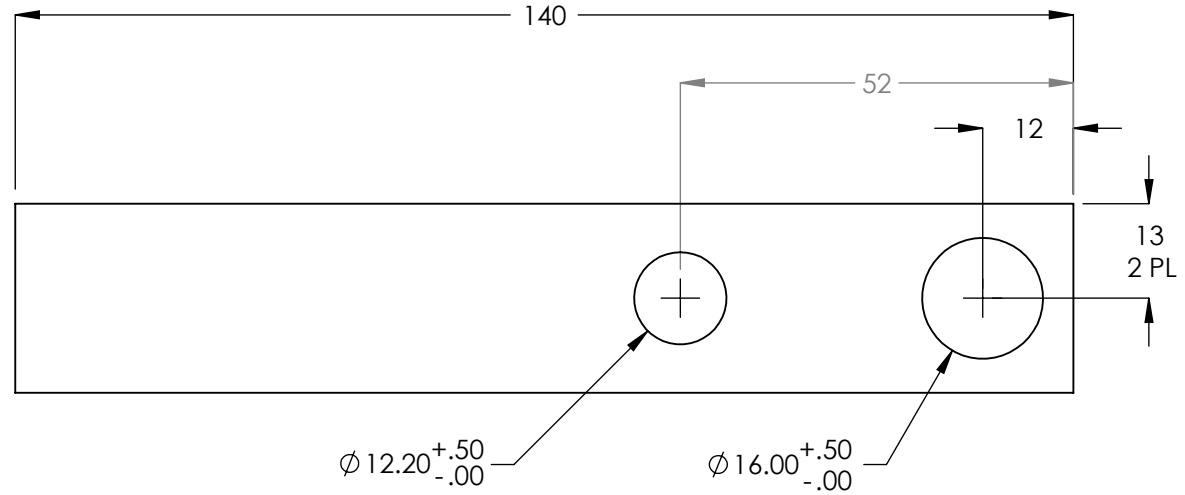
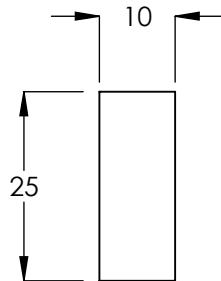
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5210359

DO NOT SCALE DRAWING		NAME		DATE		<div> 1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ 09/17/2008				
		CHECKED		CA 10/30/2018				
		THIRD ANGLE PROJECTION				TITLE:		
						HDS-18/27/40 SERIES SAFETY PLATE, AIR CYLINDER		
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE	DWG. NO.	REV
						A	5736130	D
SCALE: 2:1						SHEET 1 OF 1		



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



$\phi 12.20^{+.50}_{-.00}$

$\phi 16.00^{+.50}_{-.00}$

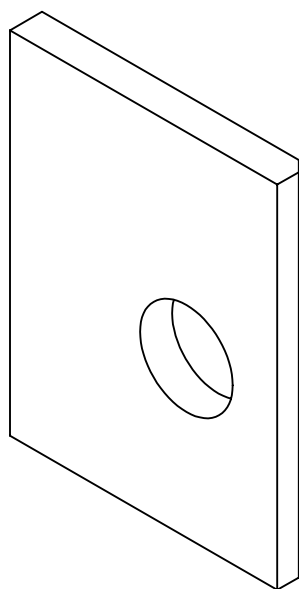
NOTE: UNLESS OTHERWISE SPECIFIED.

1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

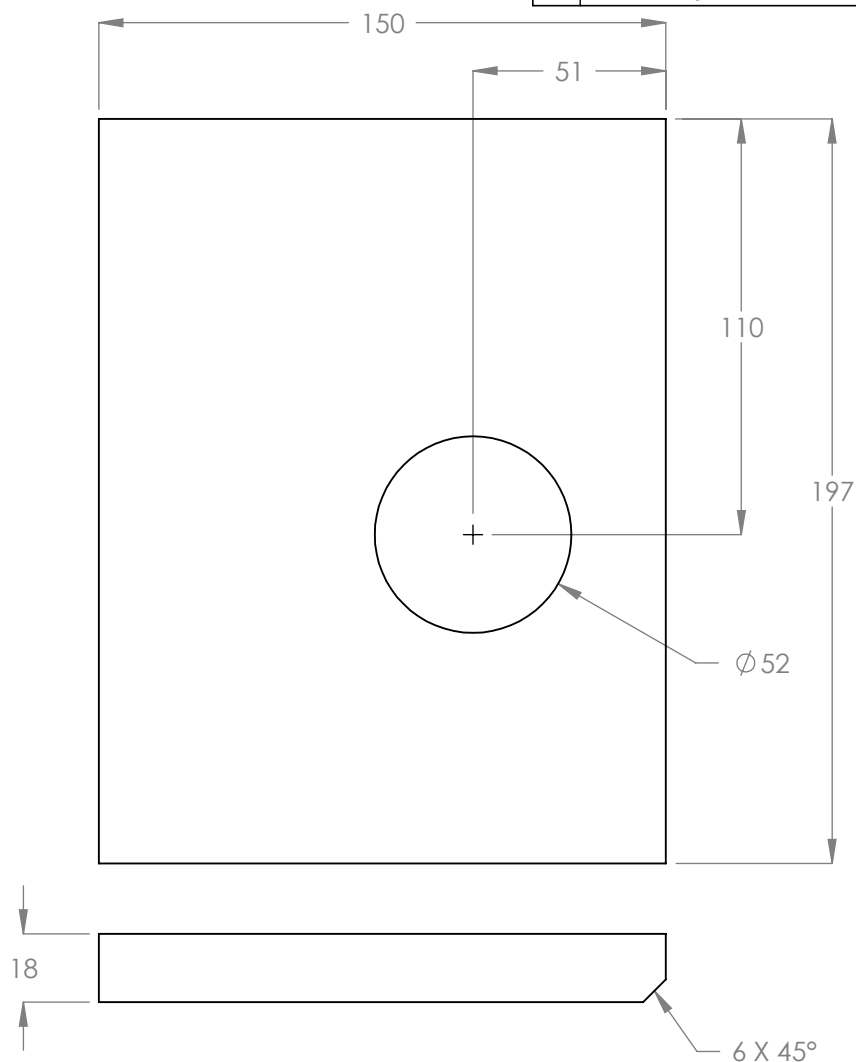
NEXT ASSEMBLY
5210358

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
D	UPDATED TITLE TO REFLECT WHERE USED	01/03/2017	TS	00798
E	WAS 155 NOW 140	12/18/2017	TM	00909
F	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/14/2018	TS	00945

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	TITLE: HDS-18/27/40 SERIES SAFETY PLATE
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ± 1.5 0.0 = ± 0.5 0.00 = ± 0.13 ANGULAR: MACHINE TO 0 = $\pm 1/2^\circ$ SURFACE FINISH 1.6 Ra μm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ 09/17/2008		
THIRD ANGLE PROJECTION		CHECKED	CA 10/30/2018		
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE DWG. NO. A 5736131		REV F	SCALE: 1:1 SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-1061, PRODUCTION RELEASE	10/08/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/11/2018	TS	00945

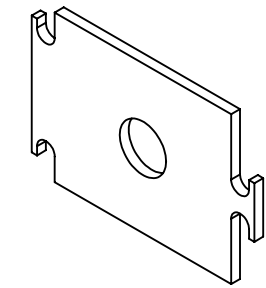
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

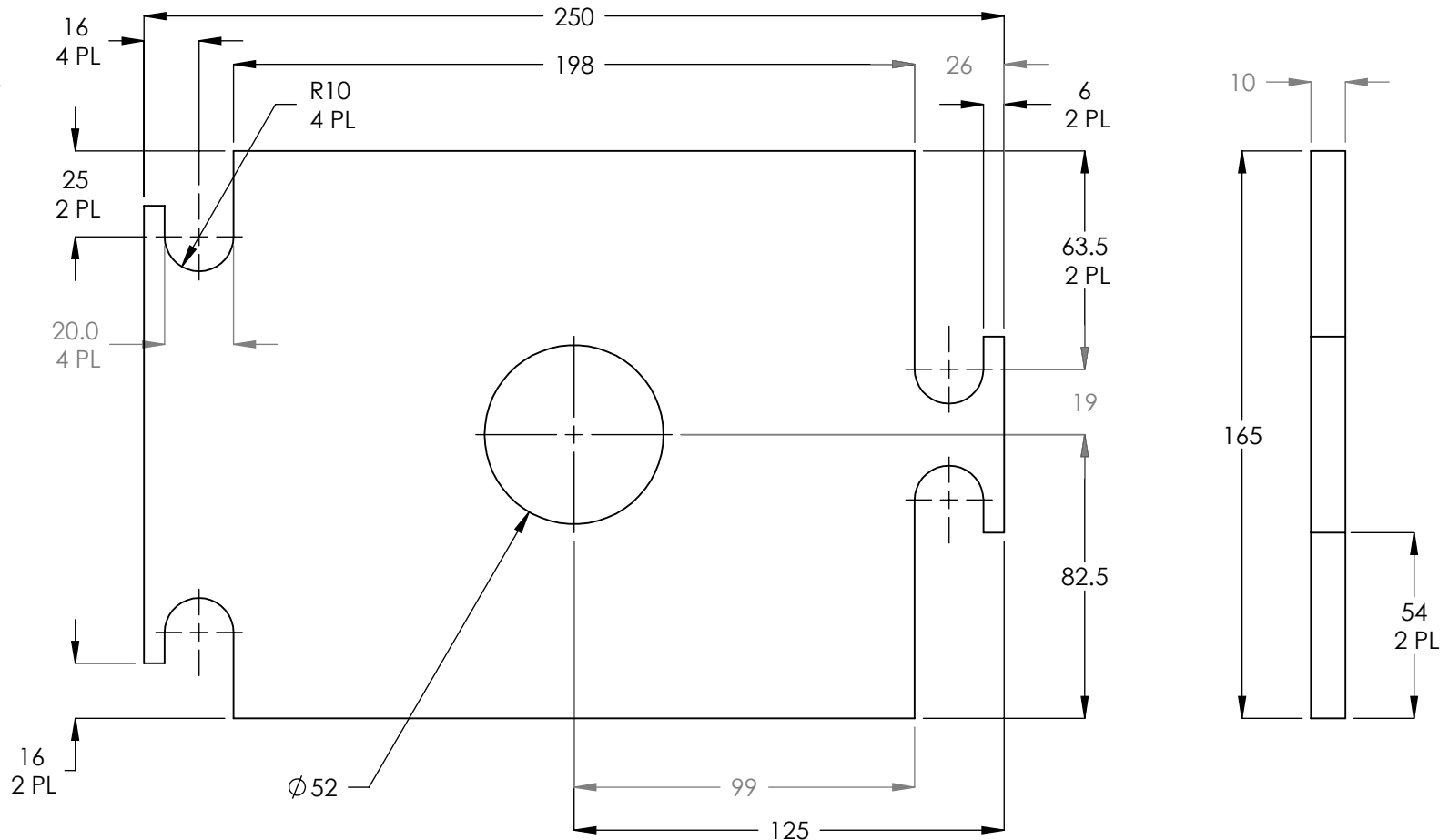
NEXT ASSEMBLY
5620170
5620195

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ 10/08/2008	
		CHECKED	CA 10/30/2018	
		THIRD ANGLE PROJECTION		TITLE:
				HDS-40 SERIES CYLINDER MOUNTING BLOCK (R.H.)
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE DWG. NO.
				REV
		A 5736146		B
SCALE: 1:2			SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-178, PRODUCTION RELEASE	10/14/2008	GJZ	00241
B	INCREASED LENGTH WAS 230 NOW 250, WAS 178 NOW 198, WAS 89 NOW 99, WAS 115 NOW 125	03/08/2010	TM	00333
B-001	UPDATED NEXT ASSEMBLY	08/16/2010	AC	00388
B-002	UPDATED NEXT ASSEMBLIES	09/24/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/10/2018	TS	00945
C-001	ADDED GLOSS NOTE TO PAINT	01/29/2020	CA	01120



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



WHERE USED
HDS-40 SERIES

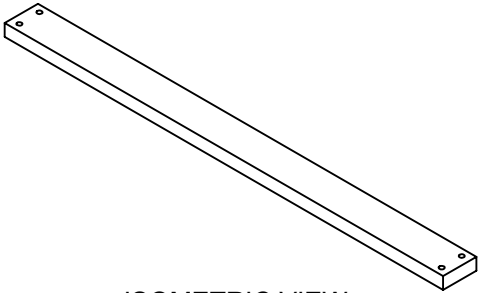
NOTE: UNLESS OTHERWISE SPECIFIED.

1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700
4. DIMENSIONS SHOWN ARE AFTER PLATING
5. PAINT BENDPAK GRAY (RAL-7024) 20% GLOSS

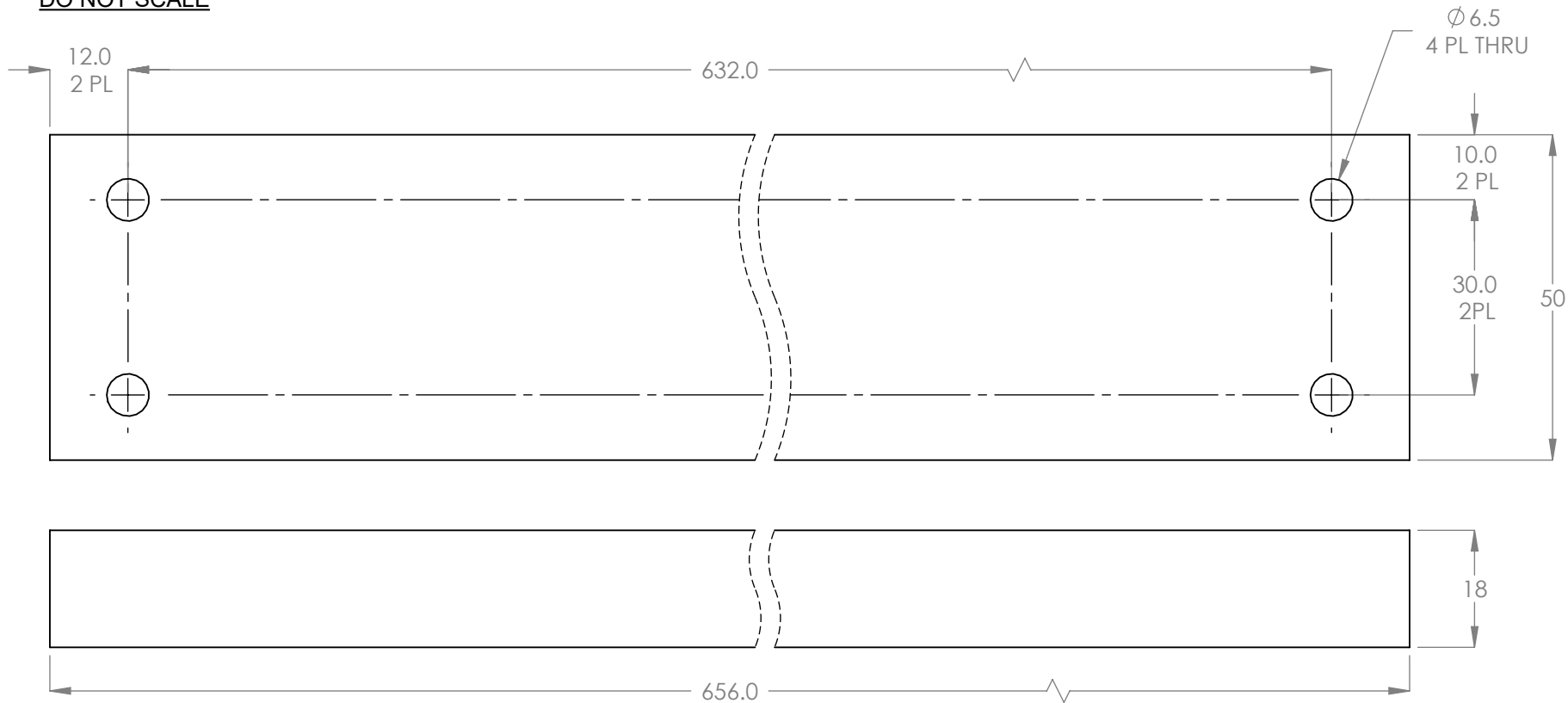
NEXT ASSEMBLY
5215149
5215240

DO NOT SCALE DRAWING		NAME	DATE
DRAWN		GJZ	10/14/2008
CHECKED		--	--
THIRD ANGLE PROJECTION			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		BP BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		TITLE: HDS-40 CABLE RETAINER PLATE	
SIZE DWG. NO. A 5736147		REV C	
SCALE: 1:2		SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-240, PRODUCTION RELEASE	10/14/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	05/10/2018	TS	00945





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



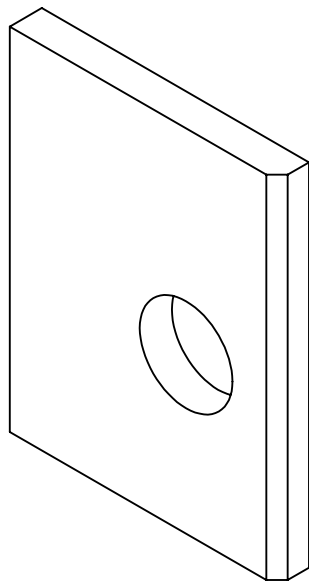
WHERE USED
HDS-40 SERIES

- NOTE: UNLESS OTHERWISE SPECIFIED.**
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
 - MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

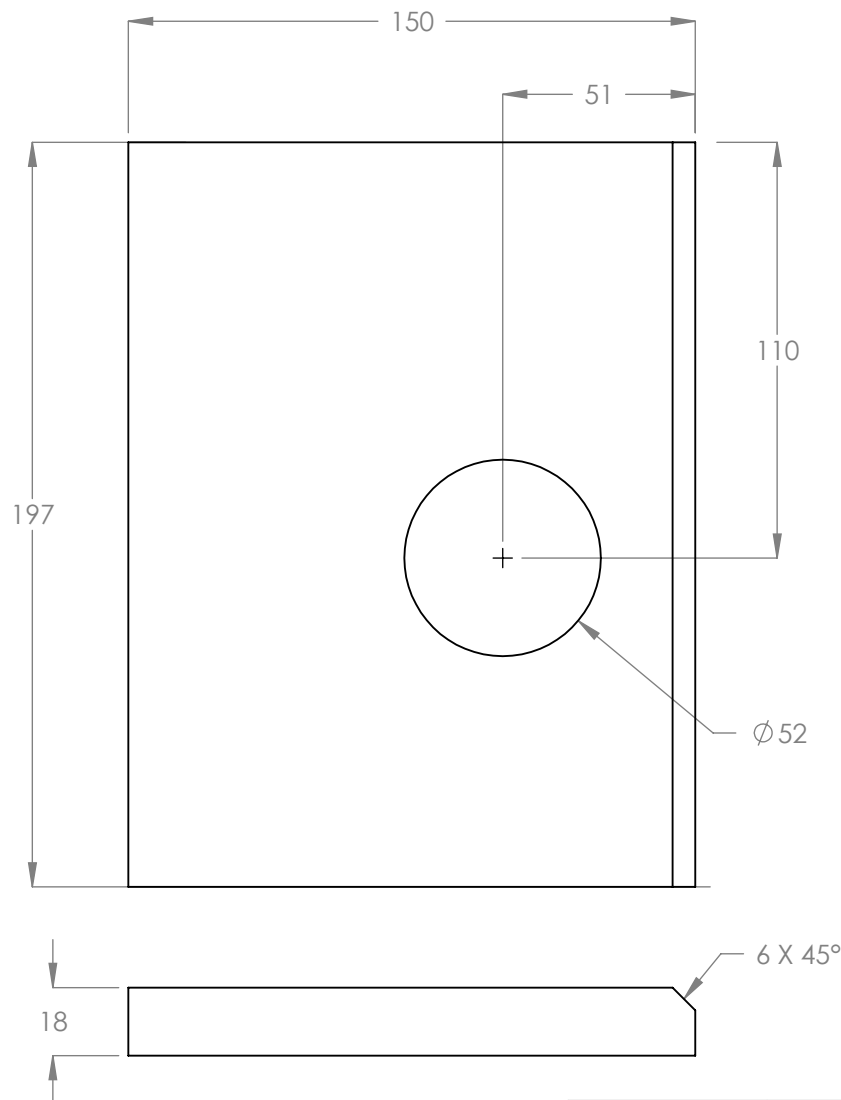
NEXT ASSEMBLY
5620186

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ	10/14/2008	
		CHECKED	CA	10/30/2018	
THIRD ANGLE PROJECTION				TITLE:	
				HDS-40 ALIGNMENT PLATE	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE	DWG. NO.	REV	
		A	5736148	B	
		SCALE: 1:1		SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-150, PRODUCTION RELEASE	10/08/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	05/11/2018	TS	00945





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



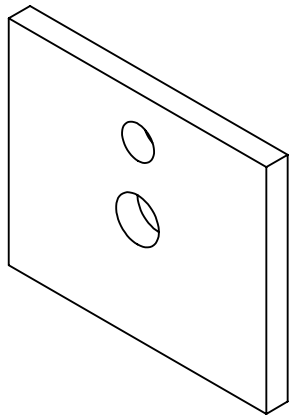
NOTE: UNLESS OTHERWISE SPECIFIED.

1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
2. **MATERIAL:** ASTM A36 HR OR Q235 GB/T 700

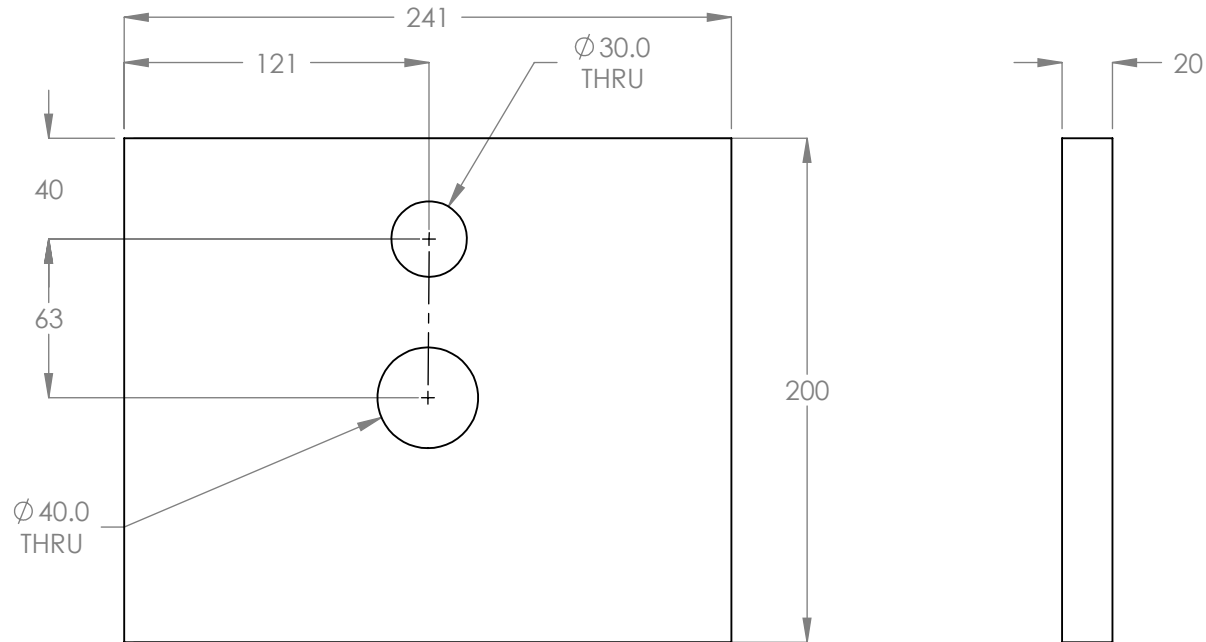
NEXT ASSEMBLY
5620170
5620195

DO NOT SCALE DRAWING		NAME		DATE							
<p>DIMENSIONS ARE IN MM</p> <p>TOLERANCES: MACHINE TO</p> <p>0 = ±1.5</p> <p>0.0 = ±0.5</p> <p>0.00 = ±0.13</p> <p>ANGULAR: MACHINE TO</p> <p>0 = ±1/2°</p> <p>SURFACE FINISH 1.6 Ra µm</p> <p>FOR MACHINED SURFACES</p> <p>UNLESS OTHERWISE SPECIFIED</p>		DRAWN		GJZ		10/08/2008					
		CHECKED		CA		10/30/2018					
		THIRD ANGLE PROJECTION						TITLE:			
				HDS-40 SERIES CYLINDER							
				MOUNTING BLOCK (L.H.)							
				1645 LEMONWOOD DR.							
						SANTA PAULA, CA 93060					
				SIZE		DWG. NO.		REV			
				A		5736155		B			
				SCALE: 1:2						SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
A	PRODUCTION RELEASE, DERIVED FROM 5731006	02/16/2010	AC	00333
B	UPDATED TITLE TO REFLECT WHERE USED	05/15/2018	TS	00945





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

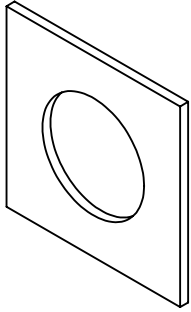


NOTE: UNLESS OTHERWISE SPECIFIED.

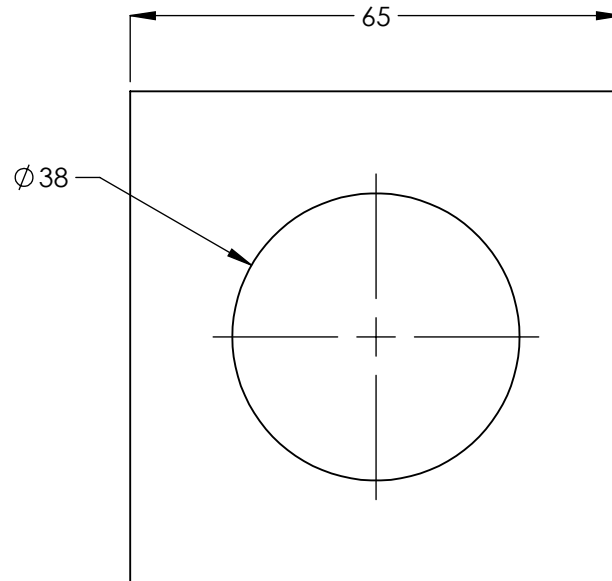
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

NEXT ASSEMBLY
5600410

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>					
<div>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</div>		DRAWN		AC				01/27/2010			
		CHECKED		CA				10/30/2018			
		THIRD ANGLE PROJECTION				TITLE:		HDS-40 SERIES TOP PLATE			
						SIZE		DWG. NO.		REV	
		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>				A		5736293		B	
						SCALE: 1:3		SHEET 1 OF 1			



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





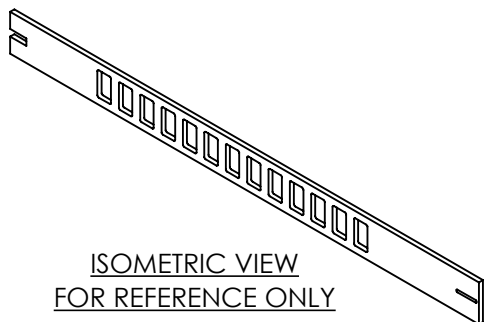
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	11/28/2012	TM	00563
A-001	UPDATED NEXT ASSEMBLIES	12/06/2012	TM	00545
A-002	UPDATED NEXT ASSEMBLY	06/02/2015	TM	00683
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/08/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700

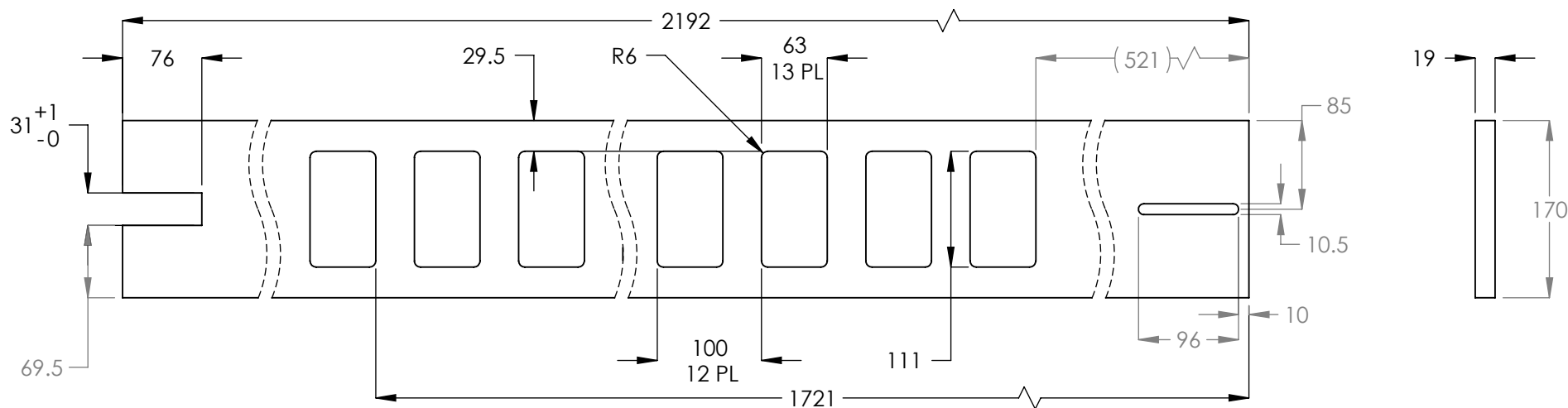
NEXT ASSEMBLY
5620170
5620195
5620198
5620207
5620874

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
		DRAWN	TM	
		CHECKED	CA	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION 		TITLE: HDS-18/27/40 FLEX TUBE NUT PLATE
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE DWG. NO. A 5736536	REV B	SCALE: 1:1 SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5736824	05/04/2018	TS	00945

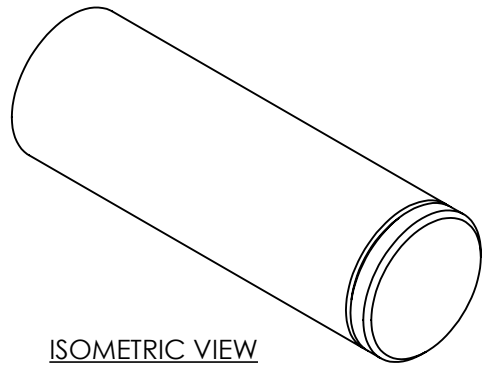


NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A588-05 OR Q345 GB/T 1591-2008
- FLAME CUT PERMISSIBLE

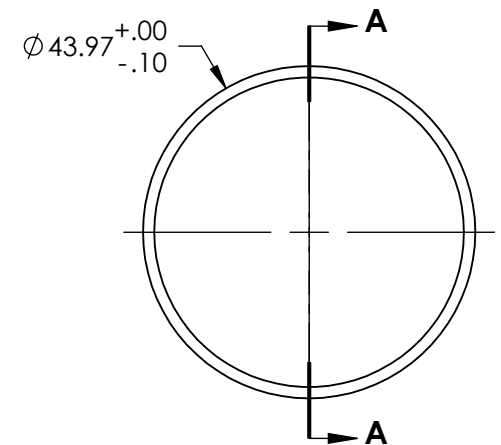
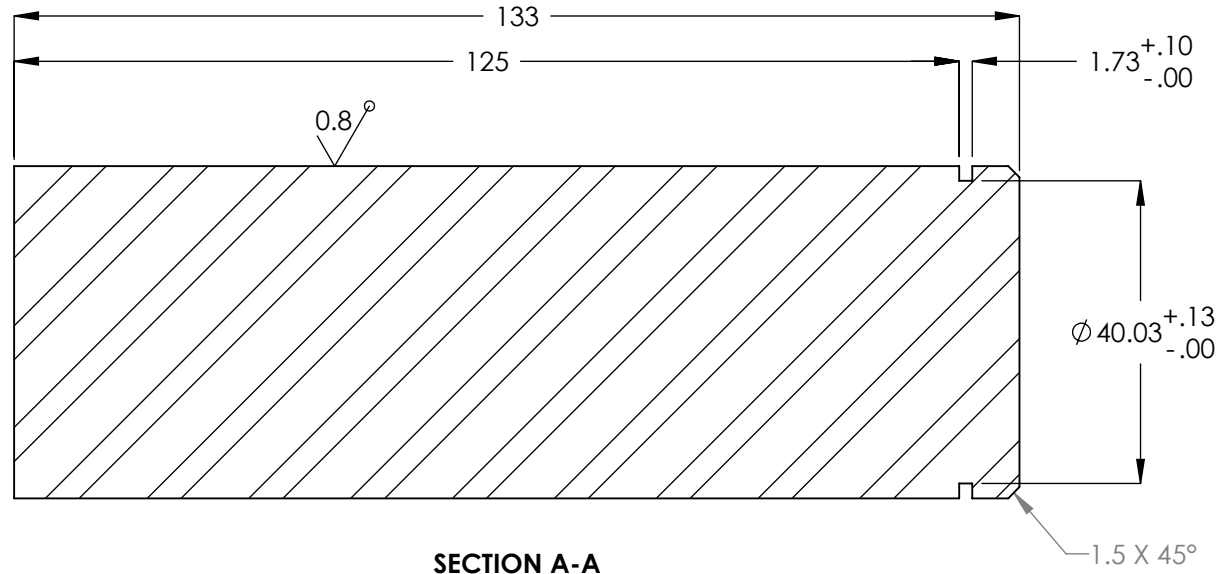
NEXT ASSEMBLY
5601246

DO NOT SCALE DRAWING		NAME		DATE				
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN		TM		05/04/2018		
		CHECKED		CA		10/30/2018		
ANGULAR: 0. = ±2°		THIRD ANGLE PROJECTION				TITLE:		
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED						HDS-40 SERIES SAFETY LADDER		
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>				SIZE	DWG. NO.	REV
						A	5737073	A
SCALE: 1:6						SHEET 1 OF 1		



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	UPDATED TITLE TO REFLECT WHERE USED	09/14/2015	TM	00724
D	WAS Ø43.9-.20 NOW Ø43.97-.10, WAS Ø39.9+.26 NOW Ø40.03+.13, ADDED SURFACE FINISH AND GRIND NOTE, UPDATED TITLE TO REFLECT WHERE USED	12/19/2017	TM	00909
E	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945



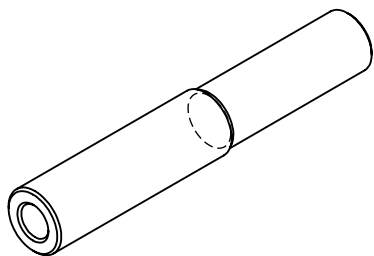
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

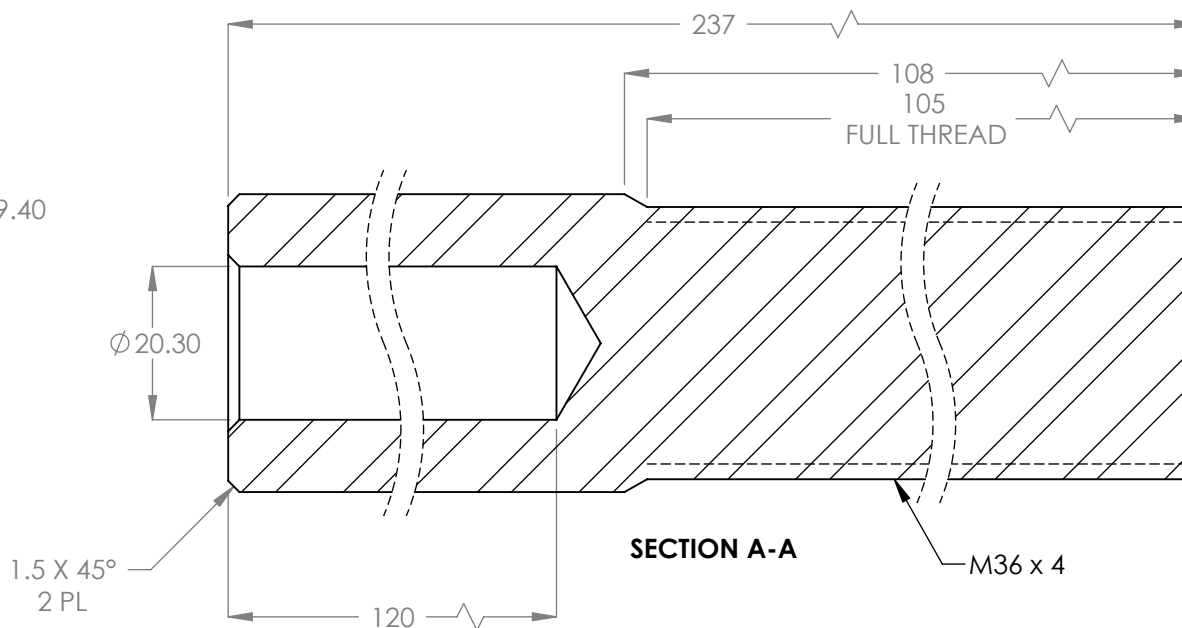
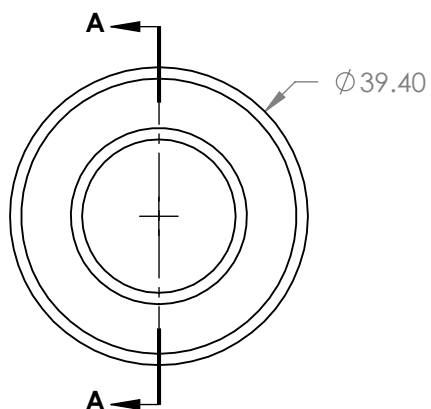
- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700
- FINISH TO 0.8 Ra µm CENTERLESS GRIND

NEXT ASSEMBLY
5505124

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN	GJZ 09/16/2008		
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED	CA 10/30/2018		
THIRD ANGLE PROJECTION				TITLE: HDS-18/27/40 CROSSTUBE SHEAVE SHAFT	
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		SIZE	DWG. NO.	REV	
		A	5746069	E	
SCALE: 1:1				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
A	PRODUCTION RELEASE	05/16/2008	AC	00188
A-001	UPDATED NEXT ASSEMBLIES	10/16/2018	CA	00945

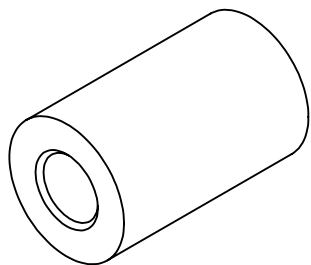
NOTE: UNLESS OTHERWISE SPECIFIED.

- ALL DIMENSIONS ARE BEFORE SWAGE.
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR GB/T 699 GRADE 20

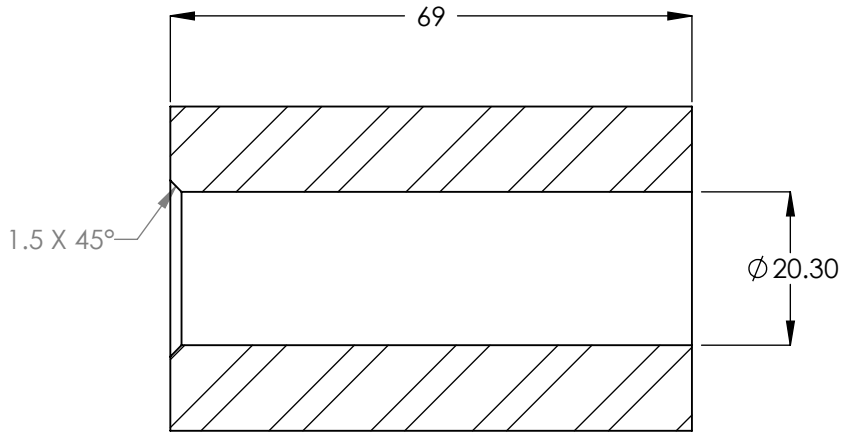
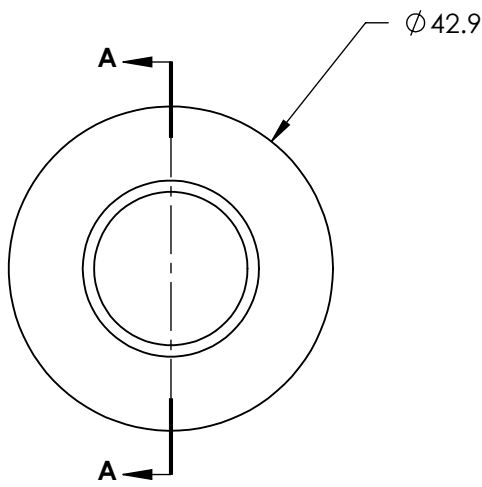
NEXT ASSEMBLY
5595558
5595559
5595562
5595563
5595564
5595565

DO NOT SCALE DRAWING		NAME	DATE
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	JL 09/12/2007
		CHECKED	CA 10/30/2018
THIRD ANGLE PROJECTION 		BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
		TITLE: Ø19mm THREADED CABLE CONNECTOR	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE DWG. NO.	REV
		A 5746070	A
SCALE: 1:1		SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	05/16/2008	AC	00188
B	REMOVED (3) CHAMFERS	01/02/2018	TM	00909
B-001	UPDATED NEXT ASSEMBLIES	10/16/2018	CA	00945



**ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE**





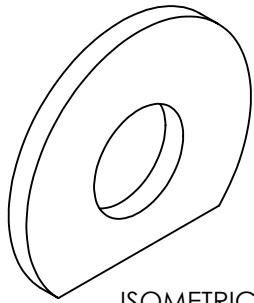
SECTION A-A

NOTE: UNLESS OTHERWISE SPECIFIED.

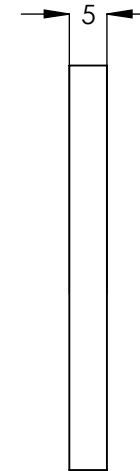
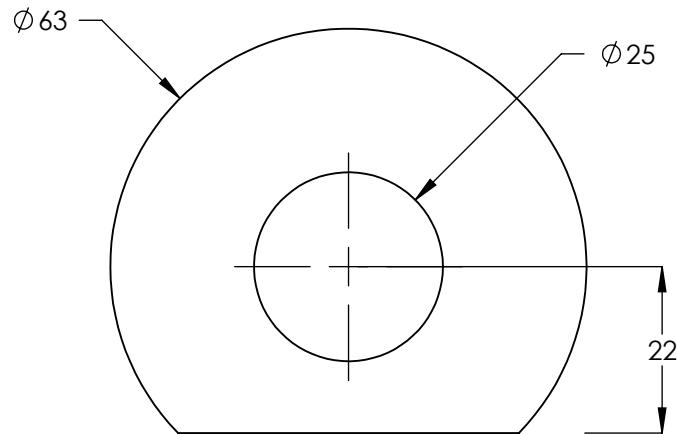
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A108 CRS OR GB/T 699 GRADE 20
4. O.D. AFTER SWAGING = 39.4mm
5. LENGTH AFTER SWAGING = 82.5mm

NEXT ASSEMBLY
5595558
5595559
5595562
5595563
5595564
5595565

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN	AC	
ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		CHECKED	CA	
THIRD ANGLE PROJECTION				TITLE:
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		Ø19mm CABLE BUTTON		SIZE DWG. NO.
		A 5746071		REV
		SCALE: 1:1		B SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-1050, PRODUCTION RELEASE	09/16/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945



WHERE USED

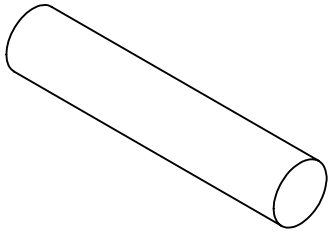
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

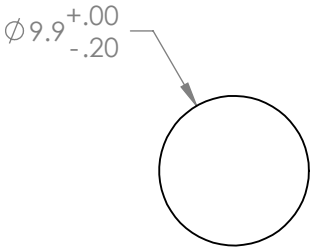
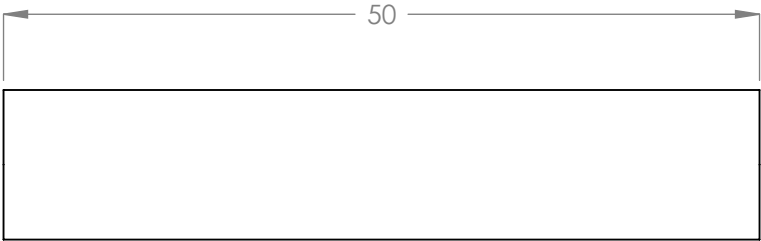
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL: PLAIN STEEL**

NEXT ASSEMBLY
5505124

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ 09/16/2008		
		CHECKED	CA 10/30/2018		
THIRD ANGLE PROJECTION  <small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		TITLE:		HDS-18/27/40 CROSSTUBE PIN SHOULDER	
		SIZE	DWG. NO.	REV	
		A	5746072	C	
SCALE: 1:1				SHEET 1 OF 1	





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

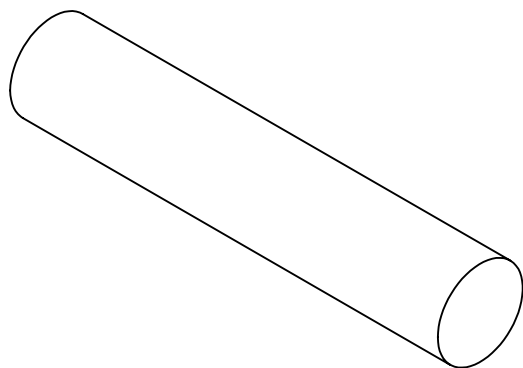


REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
C	UPDATED TITLE TO REFLECT WHERE USED	09/14/2015	TM	00724
D	UPDATED TITLE TO REFLECT WHERE USED	12/30/2016	TS	00798
E	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

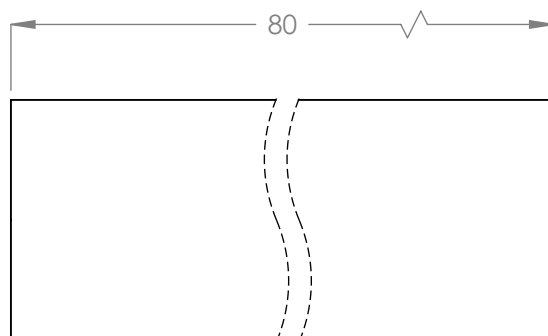
NOTE: UNLESS OTHERWISE SPECIFIED.
 1. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
 2. **MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

NEXT ASSEMBLY
5210359

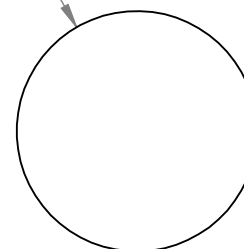
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
<p>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13</p> <p>ANGULAR: MACHINE TO 0 = ±1/2°</p> <p>SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</p>		DRAWN	GJZ			09/17/2008
		CHECKED	CA			10/30/2018
		THIRD ANGLE PROJECTION		TITLE:		
				HDS-18/27/40 SERIES SAFETY PIN, AIR CYLINDER		
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SIZE	DWG. NO.	REV
				A	5746075	E
		SCALE: 2:1			SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



$\varnothing 15.9^{+0.00}_{-0.15}$





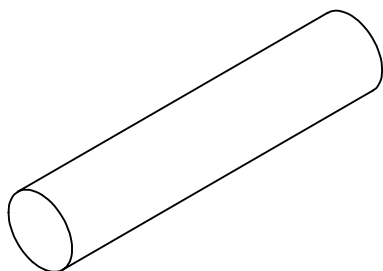
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	12/30/2016	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

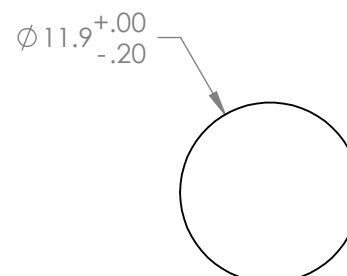
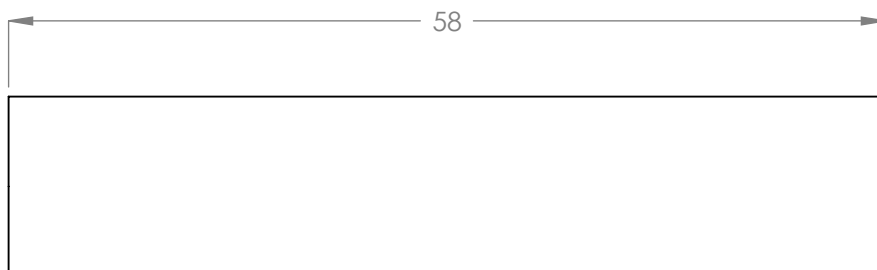
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

NEXT ASSEMBLY
5210358

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>		
<div>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.00 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</div>		DRAWN		GJZ 09/17/2008				
		CHECKED		CA 10/30/2018				
		THIRD ANGLE PROJECTION				TITLE:		
		<div></div> <div>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>				HDS-18/27/40 SERIES SAFETY #2 CLEVIS PIN		
						SIZE DWG. NO.		REV
		<div>A</div>				5746076		D
						SCALE: 2:1		SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





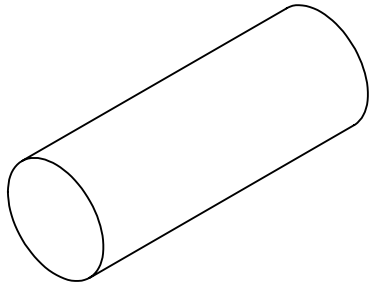
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-122, PRODUCTION RELEASE	09/18/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/17/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

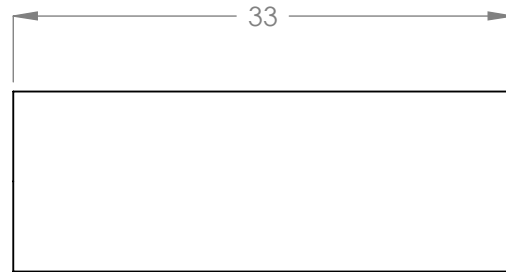
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

NEXT ASSEMBLY
5620175
5620176

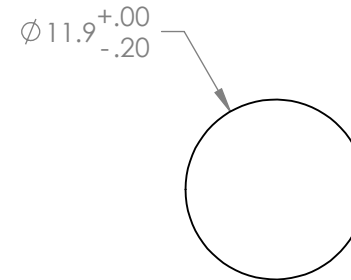
DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	DRAWN	GJZ	09/18/2008	
	CHECKED	CA	10/30/2018	
THIRD ANGLE PROJECTION 				TITLE: HDS-18/27/40 SERIES CLEVIS PIN, AIR CYLINDER
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE DWG. NO. REV A 5746077 C
SCALE: 2:1				SHEET 1 OF 1



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	01/03/2017	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

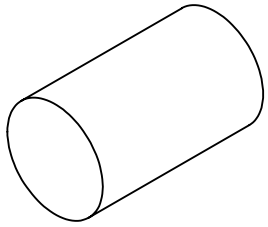


NOTE: UNLESS OTHERWISE SPECIFIED.

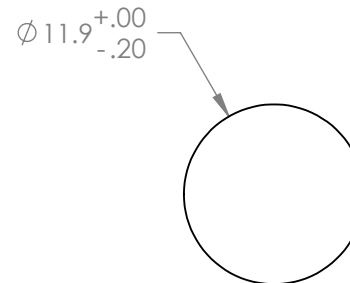
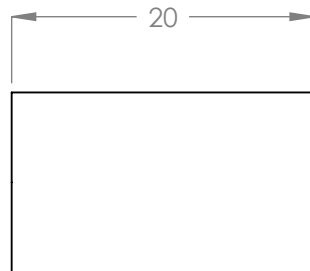
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

NEXT ASSEMBLY
5620175
5620176

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	TITLE: HDS-18/27/40 SERIES SPRING CLEVIS PIN
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED	DRAWN	GJZ	09/18/2008		
	CHECKED	CA	10/30/2018		
THIRD ANGLE PROJECTION 				SIZE	DWG. NO.
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				A	5746078
				SCALE: 2:1	
				REV	D
				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





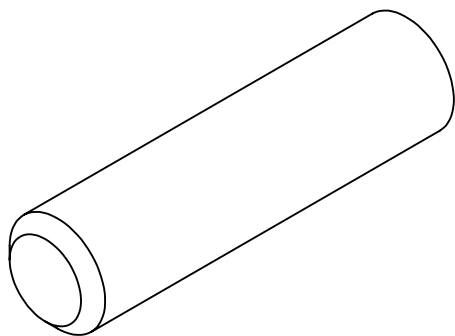
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-123, PRODUCTION RELEASE	09/18/2008	GJZ	00241
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

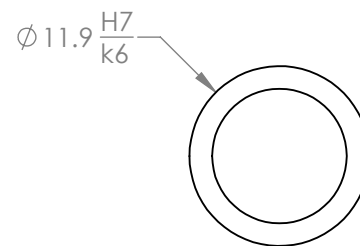
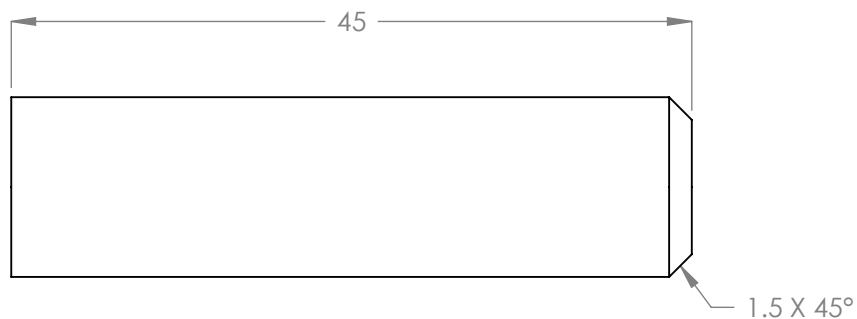
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

NEXT ASSEMBLY
5620175
5620176

DO NOT SCALE DRAWING		NAME		DATE		 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ 09/18/2008			
		CHECKED		CA 10/30/2018			
		THIRD ANGLE PROJECTION				TITLE:	
						HDS-18/27/40 SERIES SAFETY STOP PIN	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE DWG. NO.	
A 5746079						C	
		SCALE: 2:1				SHEET 1 OF 1	



**ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE**






REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO #
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	05/14/2018	TS	00945
D	UPDATED TITLE TO REFLECT SIZE, ADDED FIT TOLERANCE	10/01/2019	TS	01120

WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

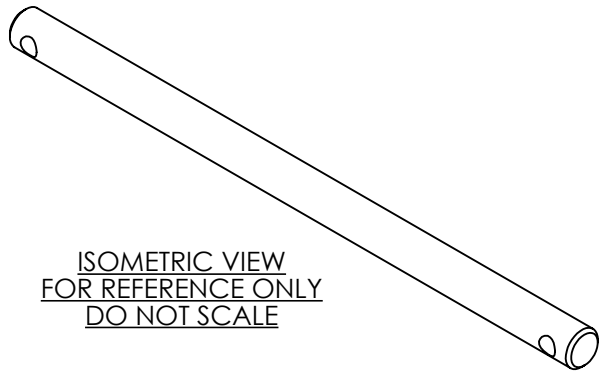
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

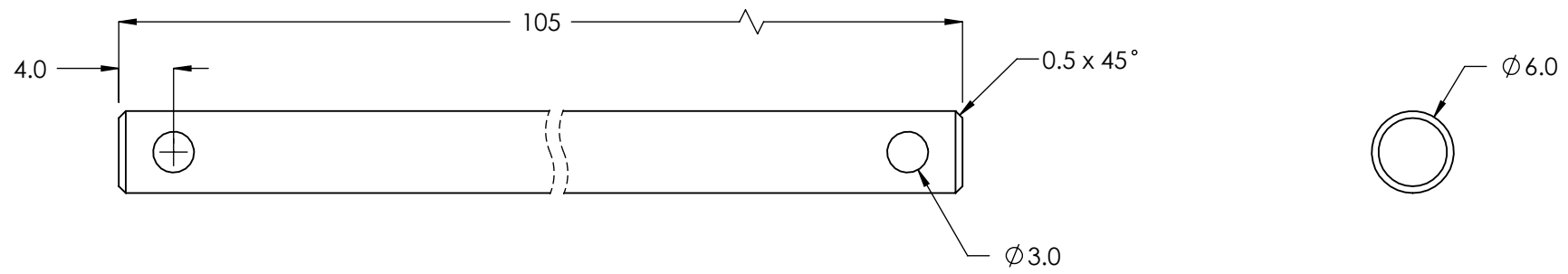
NEXT ASSEMBLY
5620175
5620176

DO NOT SCALE DRAWING		NAME		DATE			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ		09/18/2008	
		CHECKED		CA		11/18/2019	
		THIRD ANGLE PROJECTION				TITLE:	
						HDS-18/27/40 PIN 45mm LG, PLASTIC SLIDE BLOCK	
		SIZE		DWG. NO.		REV	
		A		5746082		D	
		SCALE: 2:1				SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/17/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED	12/29/2016	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/07/2018	TS	00945



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

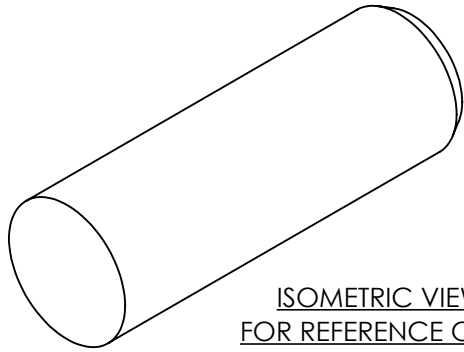


NOTE: UNLESS OTHERWISE SPECIFIED.

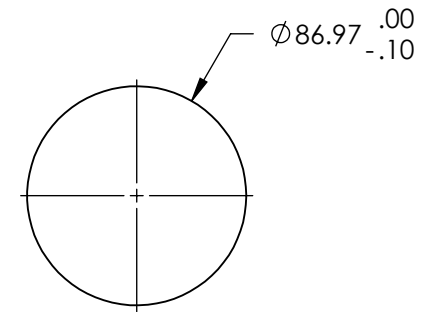
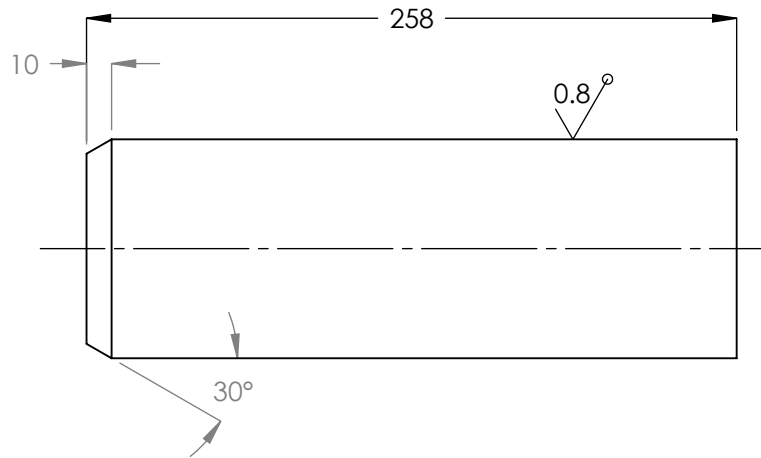
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700
4. BRIGHT OR COLD DRAWN FINISH ACCEPTABLE

NEXT ASSEMBLY
5215149
5215157
5215164
5215240
5215657
5215689

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DRAWN		GJZ	10/13/2008		
CHECKED		CA	10/30/2018		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION 		TITLE: HDS-18/27/40 SERIES SHEAVE SHAFT PIN	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SIZE	DWG. NO.	REV	
		A	5746089	D	
SCALE: 2:1				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-1063, PRODUCTION RELEASE	11/14/2008	GJZ	00241
A-001	ADDED CASE HARDENING	03/27/2014	TM	00646
A-002	ADDED SURFACE FINISH AND GRIND NOTE	12/29/2017	TM	00909
B	UPDATED TITLE TO REFLECT WHERE USED	05/11/2018	TS	00945

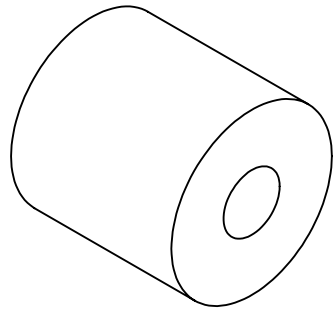
WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

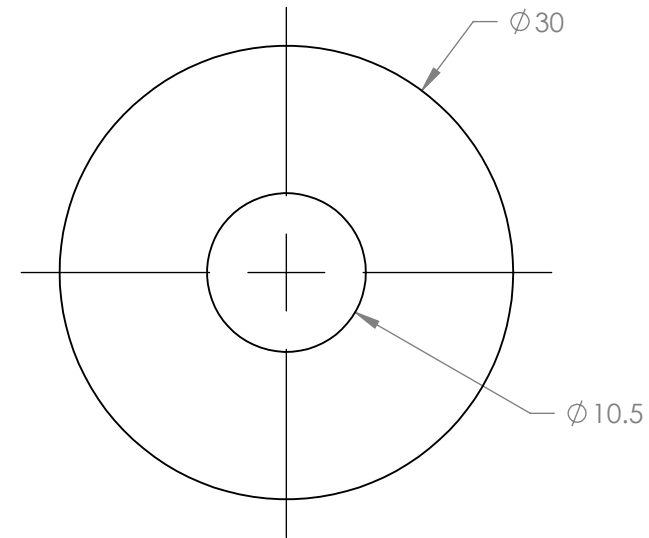
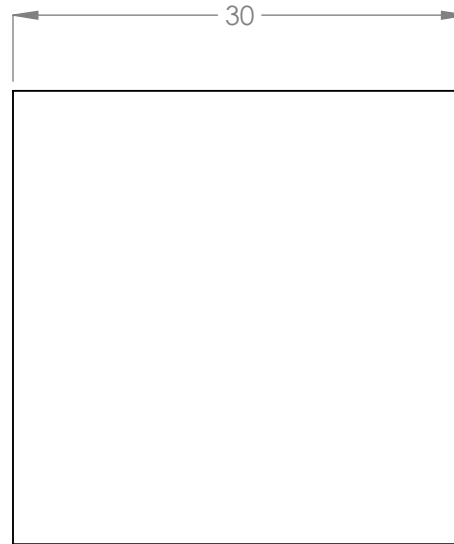
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A108 CRS OR GB/T 699 GRADE 45
4. BRIGHT OR COLD DRAWN FINISH ACCEPTABLE
5. CASE HARDEN TO Rc 60
6. FINISH TO 0.8 Ra μ m CENTERLESS GRIND

NEXT ASSEMBLY
5620241

DO NOT SCALE DRAWING		NAME		DATE				
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13		DRAWN	GJZ	11/14/2008		1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
		CHECKED	CA	10/30/2018				
SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION				TITLE:		
						HDS-40 RAMP SHEAVE PIN		
Y		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE	DWG. NO.	REV
						A	5746150	B
						SCALE: 1:3		SHEET 1 OF 1



**ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE**





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	12/23/2015	JM	00741
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/15/2018	TS	00945
B-001	ADDED GLOSS NOTE TO PAINT	01/29/2020	CA	01120

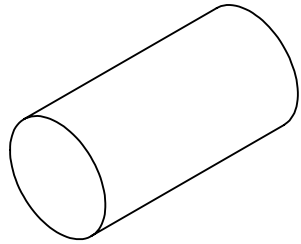
WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

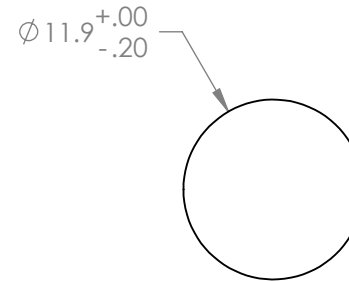
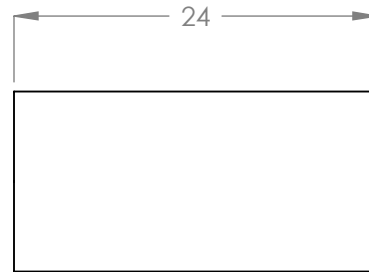
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT BENDPAK GRAY (RAL-7024) 20% GLOSS

NEXT ASSEMBLY
5245091
5245092

DO NOT SCALE DRAWING		NAME		DATE					
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		JM		12/23/2015			
		CHECKED		--		--			
		THIRD ANGLE PROJECTION				TITLE: HDS-40 SPACER, SAFETY LADDER, 30mm LG			
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SIZE				DWG. NO.		REV	
		A				5746369			
		SCALE: 2:1						SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





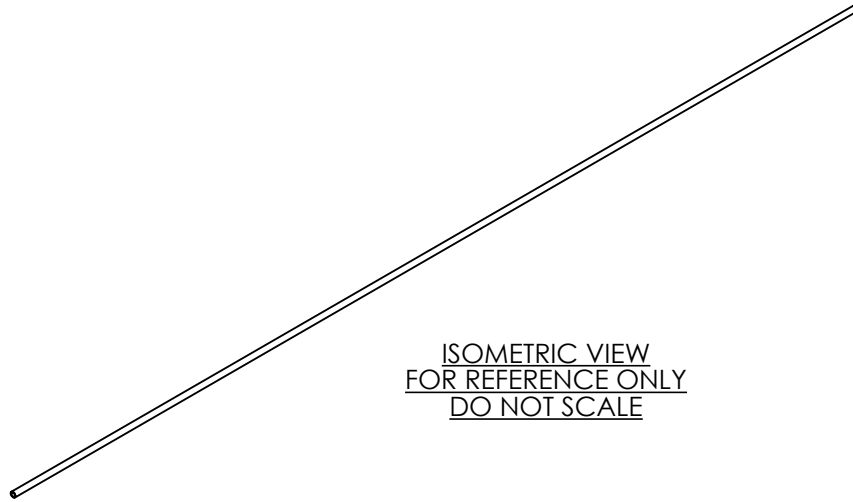
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 574078	02/17/2017	TS	00798
B	UPDATED TITLE TO REFLECT WHERE USED	10/01/2018	TS	00945

NOTE: UNLESS OTHERWISE SPECIFIED.

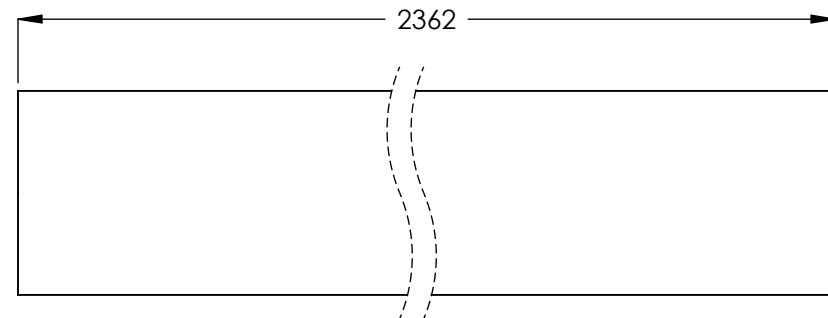
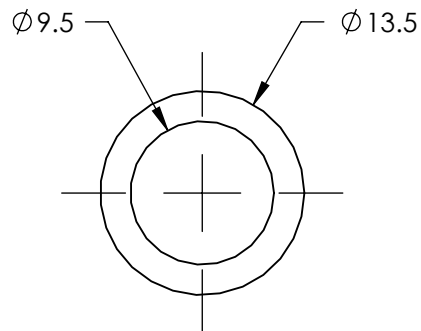
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A108 CRS OR Q235 GB/T 700

NEXT ASSEMBLY
5210358

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
DRAWN		TS	02/17/2017		
CHECKED		CA	10/30/2018		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION		TITLE: HDS-18/27/40 SERIES SPRING CLEVIS PIN 24mm	
				SIZE DWG. NO. REV A 5746456 B	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.		SCALE: 2:1		SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE




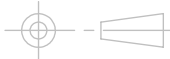
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A A-001	DERIVED FROM H-179, PRODUCTION RELEASE UPDATED NEXT ASSEMBLY	09/18/2008 02/07/2011	GJZ TM	00241 00438
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/14/2018	TS	00945

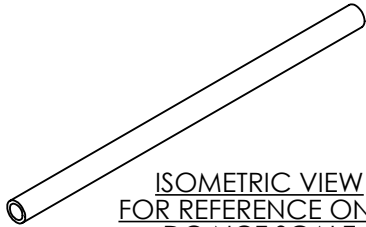
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

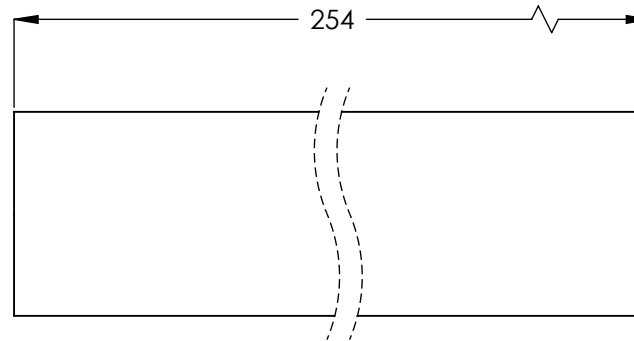
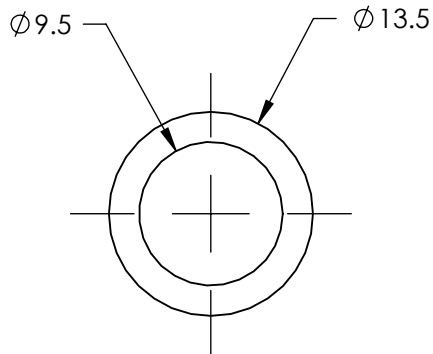
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A53 GRADE B OR Q235 GB/T 700

NEXT ASSEMBLY
5601831
5601832
5601833
5601834

DO NOT SCALE DRAWING		NAME		DATE			
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN		GJZ		09/18/2008	
		CHECKED		CA		10/30/2018	
		THIRD ANGLE PROJECTION					
							
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		PROPRIETARY AND CONFIDENTIAL					
		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.					
		SIZE		DWG. NO.		REV	
Y		A		5755012		C	
		SCALE:2:1				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A A-001	DERIVED FROM H-180, PRODUCTION RELEASE UPDATED NEXT ASSEMBLY	09/18/2008 02/07/2011	GJZ TM	00241 00438
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/14/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/14/2018	TS	00945

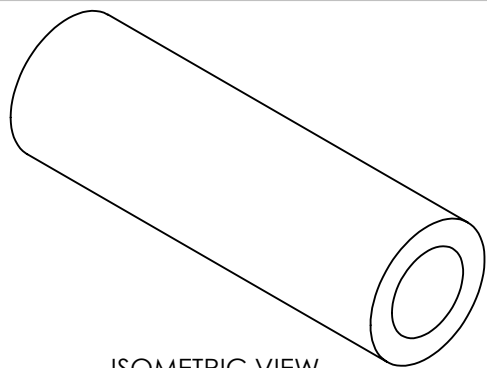
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

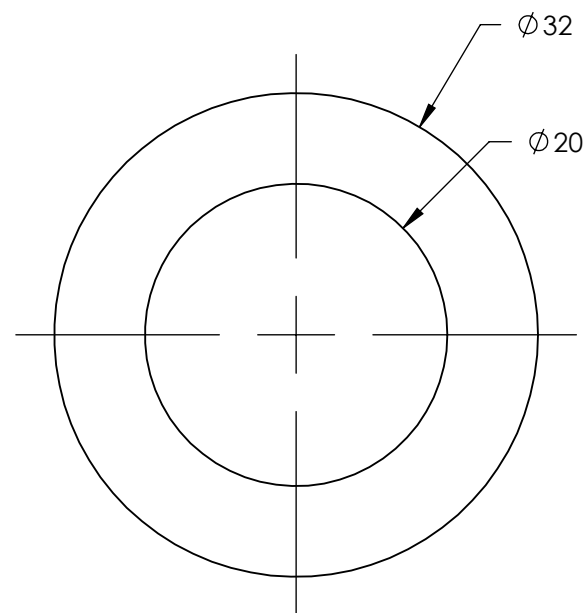
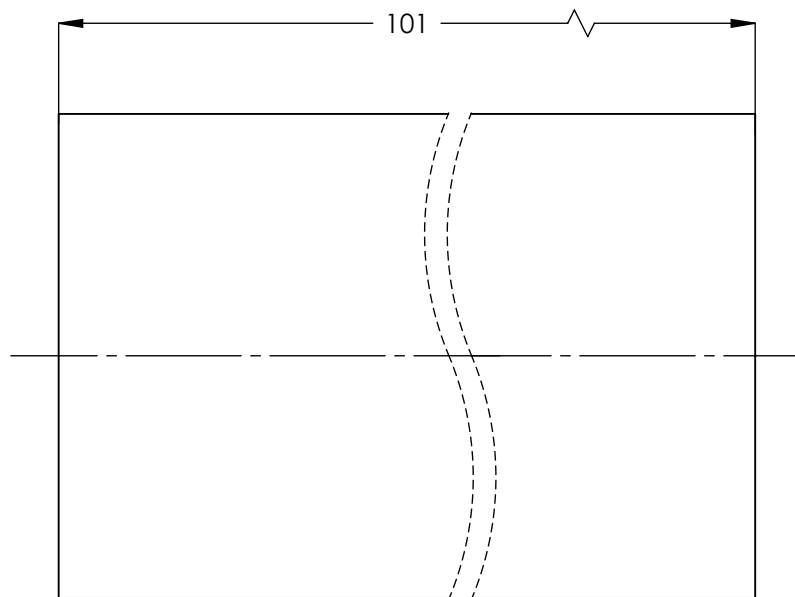
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A53 GRADE B OR Q235 GB/T 700

NEXT ASSEMBLY
5601831
5601832
5601833
5601834

DO NOT SCALE DRAWING		NAME	DATE				
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	GJZ	09/18/2008	1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
		CHECKED	CA	10/30/2018			
		THIRD ANGLE PROJECTION				TITLE: AIR LINE TROUGH Ø13.5 x Ø9.5 x 254	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED					SIZE DWG. NO.	REV	
		<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>			A	5755025	C
					SCALE: 2:1		



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	09/17/2015	TM	00724
C	WAS Ø28 NOW Ø32, UPDATED TITLE TO REFLECT WHERE USED	12/21/2016	TS	00798
D	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/11/2018	TS	00945

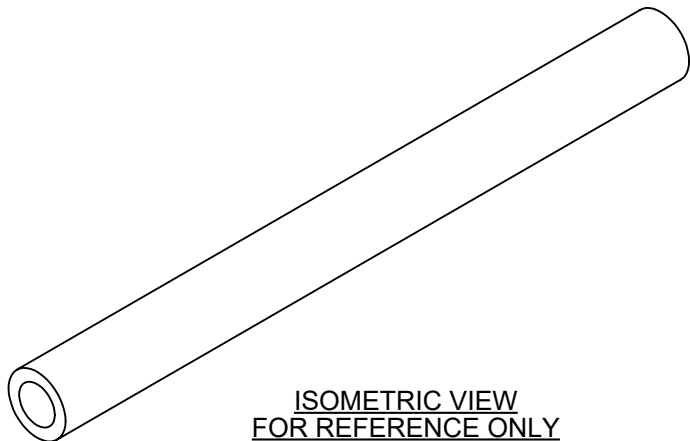
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

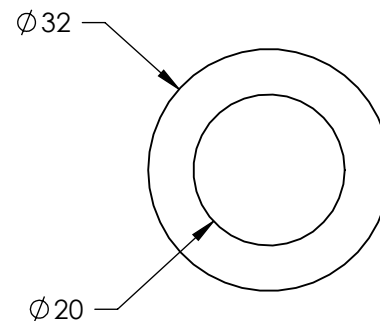
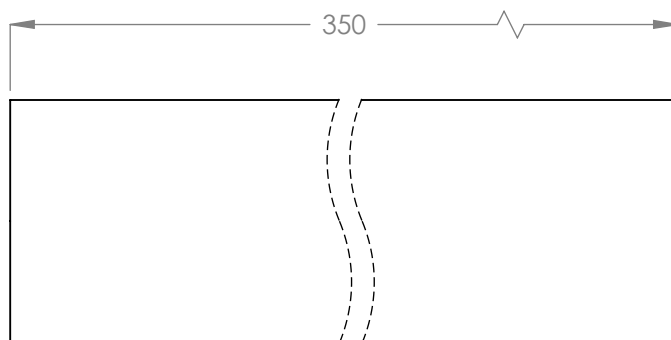
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A53 GRADE B OR Q235 GB/T 700

NEXT ASSEMBLY
5601441
5601442
5601447
5601448
5620170
5620195
5620198
5620207
5620640
5620874

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5 SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ 10/08/2008	
		CHECKED	CA 10/30/2018	
THIRD ANGLE PROJECTION <small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</small>		TITLE:		HDS-18/27/40 HINGE TUBE
		SIZE	DWG. NO.	REV
		A	5755031	D
SCALE: 2:1			SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	DERIVED FROM H-176, PRODUCTION RELEASE	10/15/2008	GJZ	00241
A-001	UPDATED NEXT ASSEMBLY	05/15/2013	TM	00593
A-002	UPDATED NEXT ASSEMBLY	09/17/2015	TM	00724
B	WAS Ø28 NOW Ø32	03/05/2018	TM	00927
B-001	UPDATED NEXT ASSEMBLIES	08/09/2018	CA	00945

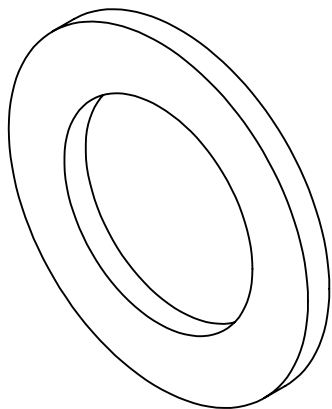
NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A53 GRADE B OR Q235 GB/T 700
- CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS

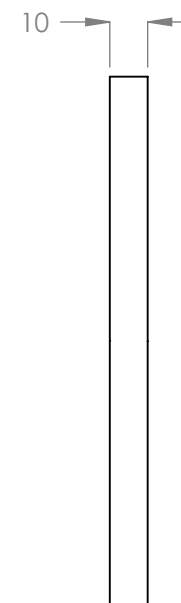
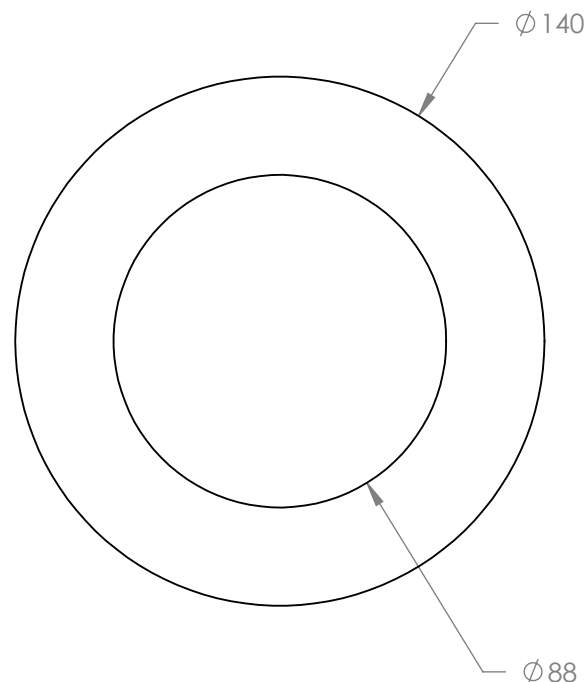
NEXT ASSEMBLY
5600196
5600266

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>					
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5 ANGULAR: 0. = ±2° SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN		GJZ				10/15/2008			
		CHECKED		CA				10/30/2018			
		THIRD ANGLE PROJECTION				TITLE:		LONG HINGE TUBE, DRIVE UP RAMP			
											
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				SIZE		DWG. NO.		REV	
				A		5755033		B			
				SCALE: 1:1				SHEET 1 OF 1			

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	11/14/2008	GJZ	00241
A-001	UPDATED NEXT ASSEMBLY	08/16/2010	AC	00388
A-002	UPDATED NEXT ASSEMBLY	07/19/2012	TM	00535
A-003	UPDATED NEXT ASSEMBLY	09/23/2015	TM	00724
B	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES	05/10/2018	TS	00945





**ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE**

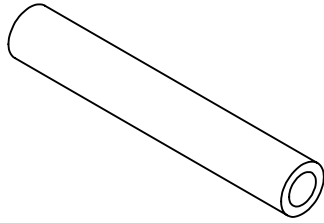


NOTE: UNLESS OTHERWISE SPECIFIED.

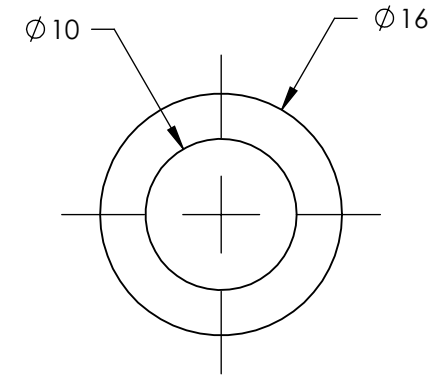
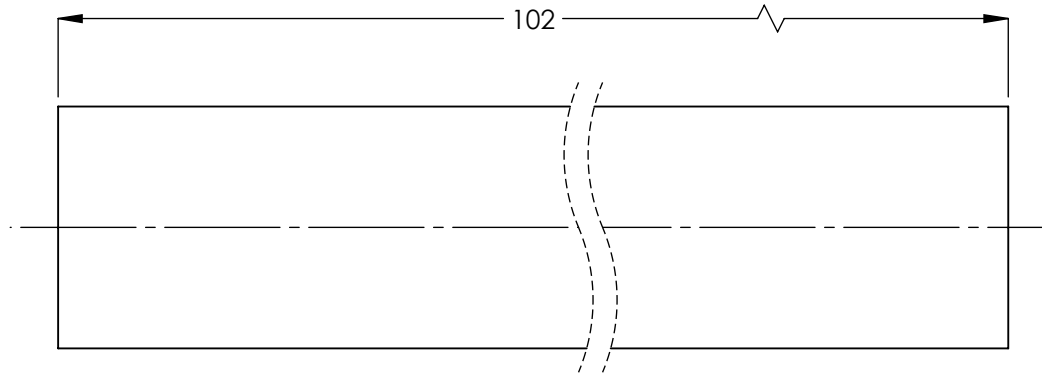
1. CONCENTRICITY TO BE 0.25mm T.I.R. ON ALL DIAMETERS.
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A53 GRADE B OR Q235 GB/T 700

NEXT ASSEMBLY
5215149
5215240

DO NOT SCALE DRAWING		NAME		DATE		<div></div> <div>1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>					
<div>DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.00 = ±0.13 ANGULAR: MACHINE TO 0 = ±1/2° SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED</div>		DRAWN		GJZ				11/14/2008			
		CHECKED		CA				10/30/2018			
<div>Y</div>		THIRD ANGLE PROJECTION				TITLE:		HDS-40 SERIES SPACER, RAMP SHEAVE			
						SIZE		DWG. NO.		REV	
		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</div>				A		5755114		B	
						SCALE: 1:2				SHEET 1 OF 1	



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5755018	01/18/2017	TS	00798
B B-001	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLIES ADDED GLOSS NOTE TO PAINT	05/14/2018 01/29/2020	TS CA	00945 01120

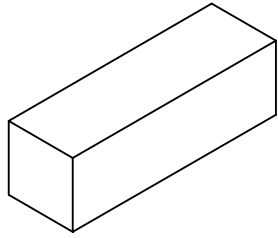
WHERE USED
HDS-18 SERIES
HDS-27 SERIES
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

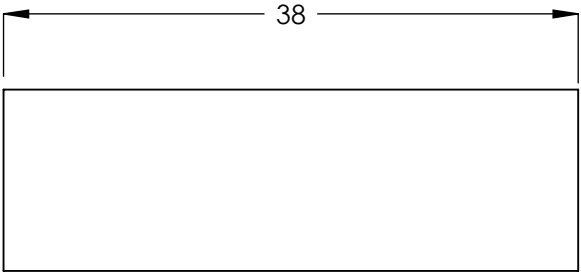
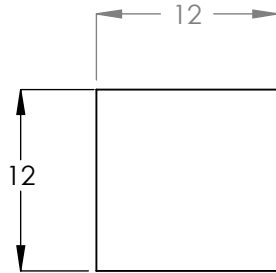
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
3. **MATERIAL:** ASTM A53 GRADE B OR Q235 GB/T 700
4. DIMENSIONS SHOWN ARE AFTER PAINTING
5. PAINT BENDPAK GRAY (RAL-7024 20%) GLOSS

NEXT ASSEMBLY
5216167
5216168
5216169
5216170

DO NOT SCALE DRAWING		NAME	DATE	 BendPak. 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN	TS		01/18/2017	
		CHECKED	OR		4/21/2020	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION			TITLE:	
					HD-18/27/40 CROSSTUBE SPACER Ø16 x Ø10 x 102	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.			SIZE DWG. NO.	REV
		A			5755158	B
SCALE: 2:1					SHEET 1 OF 1	





ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE



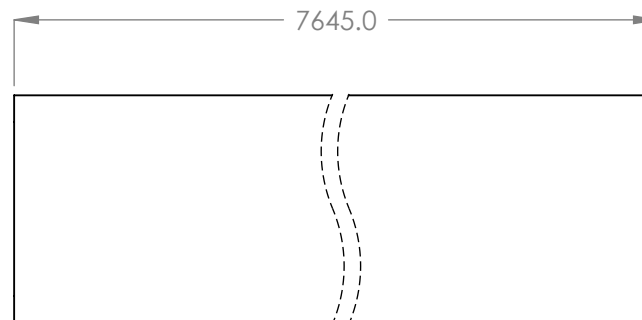
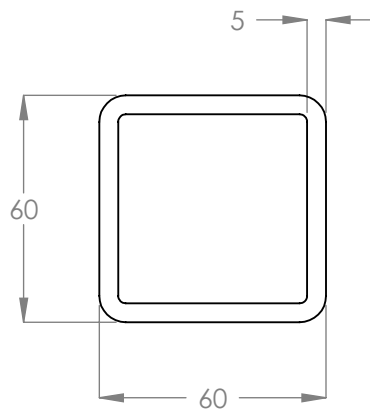
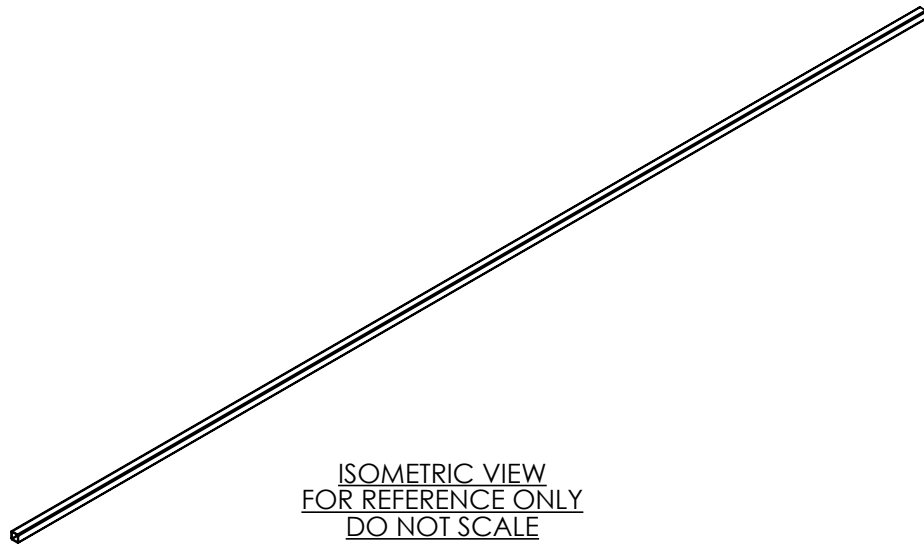
REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE	12/24/2007	AC	00104
B	UPDATE SHEET FORMAT	03/28/2008	MT	00157
C	WAS 50 NOW 38, UPDATED NEXT ASSEMBLY	08/11/2008	AC	00224
C-001	CHANGED SURFACE FINISH FROM 3.2 µm TO 1.6 Ra µm	09/11/2008	GJ	00237
C-013	UPDATED NEXT ASSEMBLIES	08/09/2018	CA	00945

WHERE USED
D4-12 SERIES
HD-7PSXW
HD-9SW SERIES
HD-14T
HDS/HDSO SERIES
FL14 SERIES

NEXT ASSEMBLY			
5600266	5601650	5601827	5601923
5600835	5601651	5601828	
5600836	5601771	5601829	
5600837	5601772	5601830	
5600838	5601788	5601831	
5600868	5601803	5601832	
5600869	5601805	5601833	
5601064	5601806	5601834	
5601065	5601814	5601835	
5601088	5601816	5601836	
5601089	5601817	5601919	
5601490	5601818	5601920	
5601632	5601826	5601922	

DO NOT SCALE DRAWING		NAME		DATE		 BendPak.	
DIMENSIONS ARE IN MM TOLERANCES: 0. = ±1.5 0.0 = ±0.5		DRAWN		AC		12/24/2007	
		CHECKED		CA		10/30/2018	
SURFACE FINISH 1.6 ISO Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION				TITLE:	
						D4-12, HD-12/14 RAMP STOP	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.				1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
		SIZE		DWG. NO.		REV	
		A		5760003		C	
		SCALE: 2:1				SHEET 1 OF 1	

- NOTE: UNLESS OTHERWISE SPECIFIED.**
1. REFER TO MODEL FOR ADDITIONAL INFORMATION
 2. BREAK AND DEBURR ALL SHARP EDGES 0.3mm
 3. **MATERIAL:** HR ASTM A36 OR Q235 GB/T 700





REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM H-1065	10/10/2008	GJZ	00241
B	WAS 7545 NOW 7645	11/02/2009	AC	00312
B-001	UPDATED NEXT ASSEMBLY	07/30/2012	TM	00535
B-002	UPDATED NEXT ASSEMBLY	06/02/2015	TM	00683
B-003	UPDATED NEXT ASSEMBLIES	09/24/2015	TM	00724
C	UPDATED TITLE TO REFLECT WHERE USED, UPDATED NEXT ASSEMBLY	05/17/2018	TS	00945

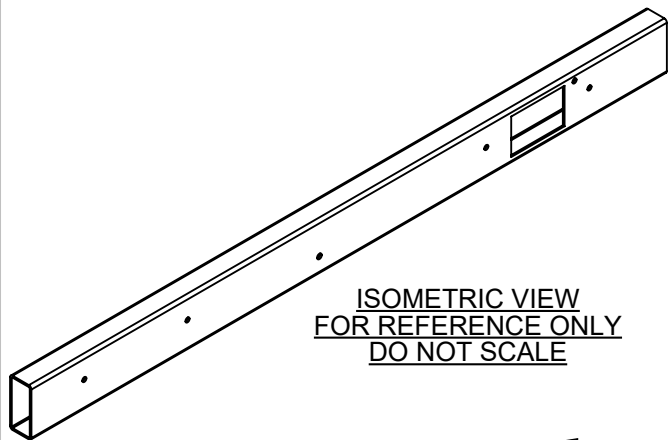
WHERE USED
HDS-27X
HDS-27XT
HDS-40X

NOTE: UNLESS OTHERWISE SPECIFIED.

- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A500 GRADE B TUBING OR Q235 GB/T 700

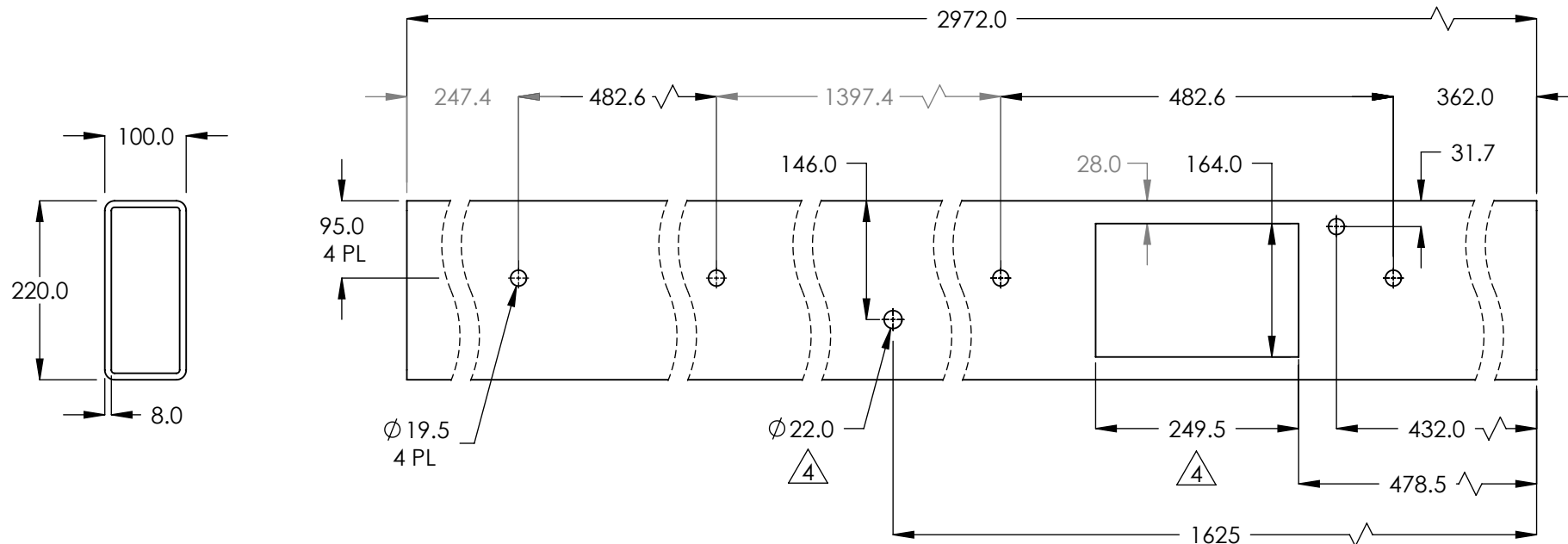
NEXT ASSEMBLY
5600050
5600141
5600983
5601440
5601448

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060		
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	GJZ 10/10/2008			
		CHECKED	CA 10/30/2018			
		THIRD ANGLE PROJECTION		TITLE: HDS-27X/40X ROLLING JACK TUBE		
		<p>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p>		SIZE	DWG. NO.	REV
				A	5765019	C
SCALE: 1:2				SHEET 1 OF 1		



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5766355	05/03/2022	TM	01414





WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

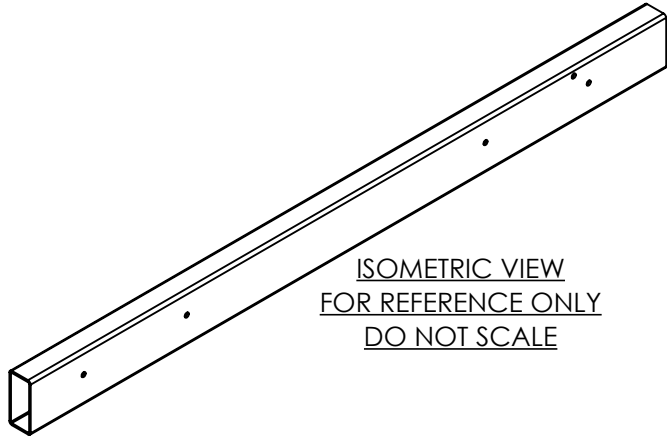
- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A500 GRADE B TUBING OR Q235 GB/T 700

4. THROUGH ONE WALL ONLY

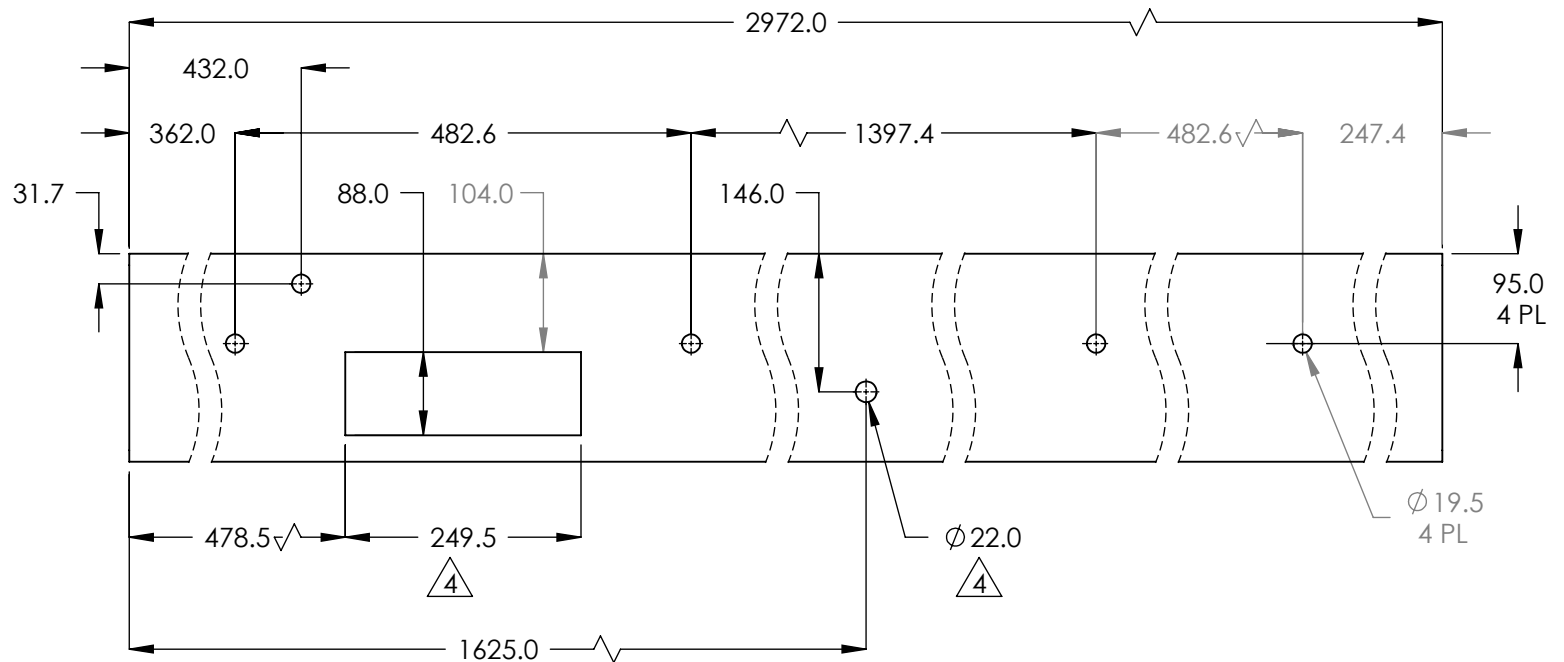
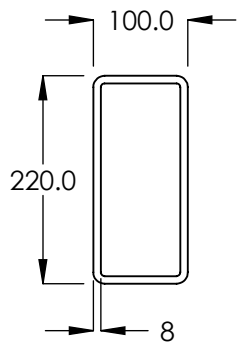
NEXT ASSEMBLY
5601833

DO NOT SCALE DRAWING		NAME		DATE	
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	TM	05/03/2022	
		CHECKED	OR	06/03/2022	
		THIRD ANGLE PROJECTION			
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.			
				1645 LEMONWOOD DR. SANTA PAULA, CA 93060	
		TITLE:		HDS-40 CROSSTUBE, LARGE WINDOW	
		SIZE DWG. NO.		REV	
		A		5766453 A	
		SCALE: 1:8		SHEET 1 OF 1	

REVISION				
REV	DESCRIPTION	DATE	EDITED BY	ECO#
A	PRODUCTION RELEASE, DERIVED FROM 5766356	05/03/2022	TM	01414



ISOMETRIC VIEW
FOR REFERENCE ONLY
DO NOT SCALE





WHERE USED
HDS-40 SERIES

NOTE: UNLESS OTHERWISE SPECIFIED.

- REFER TO MODEL FOR ADDITIONAL INFORMATION
- BREAK AND DEBURR ALL SHARP EDGES 0.3mm
- MATERIAL:** ASTM A500 GRADE B TUBING OR Q235 GB/T 700

4. THROUGH ONE WALL ONLY

NEXT ASSEMBLY
5601834

DO NOT SCALE DRAWING		NAME	DATE	<div> 1645 LEMONWOOD DR. SANTA PAULA, CA 93060</div>			
DIMENSIONS ARE IN MM TOLERANCES: MACHINE TO 0 = ±1.5 0.0 = ±0.5 0.00 = ±0.13 SURFACE FINISH 1.6 Ra µm FOR MACHINED SURFACES UNLESS OTHERWISE SPECIFIED		DRAWN	TM			05/03/2022	
		CHECKED	OR			6/10/2022	
		THIRD ANGLE PROJECTION			TITLE:		
					HDS-40 CROSSTUBE, SMALL WINDOW		
<div>Y</div>		<div><p>PROPRIETARY AND CONFIDENTIAL</p><p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BENDPAK INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BENDPAK INC. IS PROHIBITED.</p></div>			SIZE	DWG. NO.	REV
					A	5766454	A
					SCALE: 1:8		

PART SPECIFICATION FORM (STANDARD)

BENDPAK Number:	5900160
MRP Description:	HDS TRUCK SERIES INSTALLATION MANUAL
Date:	04/18/2022
ECO :	---

1. Engineering Specification

Application:

INSTALLATION MANUAL

Detailed Description:

Print Settings

Unless otherwise specified, use these settings for printing BendPak manuals:

Size:	A4 (210 to 297 mm), 8.5 by 11 inches (216 to 279 mm), or between
Color:	Black and White
Binding:	Saddle Stitched
Paper:	100 to 120 gsm (27 to 32 pound), uncoated


WARNING
 READ THIS MANUAL THOROUGHLY BEFORE INSTALLING, OPERATING, SERVICING, OR MAINTAINING THIS LIFT. FAILURE TO FOLLOW THE INSTRUCTIONS AND SAFETY PRECAUTIONS IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR DEATH. MAKE SURE ALL OTHER OPERATORS ALSO READ THIS MANUAL. KEEP THE MANUAL NEAR THE PRODUCT FOR FUTURE REFERENCE. BY PROCEEDING WITH INSTALLATION AND OPERATION, YOU AGREE THAT YOU FULLY UNDERSTAND THE CONTENTS OF THIS MANUAL AND ASSUME FULL RESPONSIBILITY FOR PRODUCT USE.
Manual Part Number 5900160 Manual Revision H8 - April 2022

IMPORTANT SAFETY INSTRUCTIONS, SAVE THESE INSTRUCTIONS!
 READ THIS MANUAL THOROUGHLY BEFORE INSTALLING, OPERATING, SERVICING, OR MAINTAINING THIS LIFT. FAILURE TO FOLLOW THE INSTRUCTIONS AND SAFETY PRECAUTIONS IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR DEATH. MAKE SURE ALL OTHER OPERATORS ALSO READ THIS MANUAL. KEEP THE MANUAL NEAR THE PRODUCT FOR FUTURE REFERENCE. BY PROCEEDING WITH INSTALLATION AND OPERATION, YOU AGREE THAT YOU FULLY UNDERSTAND THE CONTENTS OF THIS MANUAL AND ASSUME FULL RESPONSIBILITY FOR PRODUCT USE.
Manual Part Number 5900160 Manual Revision H8 - April 2022

EUROPEAN USERS
 400V 50Hz SUPPLY DETAILS ARE INCLUDED WITH ELECTRICAL CONTROL BOX. DISREGARD SUPPLY WIRING DETAILS IN THIS MANUAL.

INSTALLATION AND OPERATION MANUAL
 SUPER-DUTY FOUR-POST LIFTS
 Models:
 HDS-18E
 HDS-27 / HDS-27X
 HDS-40 / HDS-40X



READ FIRST


Do not proceed with installation, operation, or maintenance until you have read and understood all the important warnings and instructions in this manual.

ORIGINAL INSTRUCTIONS IN ENGLISH LANGUAGE
RECEIVING
 The shipment should be thoroughly inspected as soon as it is received. The signed Bill of Lading is acknowledgement by the shipping carrier as receipt of this product as listed in your invoice as being in a good condition of shipment. If any of these goods listed on this Bill of Lading are missing or damaged, do not accept goods until the shipping carrier makes a notation on the freight bill of the missing or damaged goods. Do this for your own protection.

BE SAFE
 Your new lift was designed and built with safety in mind. However, your overall safety can be increased with proper training and thoughtful operation on the part of the operator. DO NOT operate or repair this equipment without reading this manual and the important safety instructions shown inside. Keep this operation manual near the lift at all times. Make sure that ALL USERS read and understand this manual.
Copyright ©2022 by BendPak Inc. All rights reserved.



1645 Lemonwood Dr.
 Santa Paula, CA 93060 USA
 Toll Free (800) 933-9970
 Tel: (805) 253-2363
 www.bendpak.com

2. Vendor Information (Or for Reference)

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			
OR BENDPAK ENGINEERING APPROVED EQUIVALENT			

PART SPECIFICATION FORM STANDARD

BENDPAK Number:	5900247
MRP Description:	SAFETY CE KIT INSTALLATION SHEET
Date:	06/29/2020
ECO :	01168

1. Engineering Specification

Application:

INSTALLATION SHEET

Detailed Description:

Print Settings for BendPak Manuals

Unless otherwise specified, use these settings for printing BendPak manuals:

- **Color.** Black and white.
- **Size.** A4 (210 to 297 mm), 8.5 by 11 inches (216 to 279 mm), or between

Redundant Safety Lock Spring Kit

Installation Sheet
P/N 5900247 - Rev. A - May 2020

This Installation Sheet outlines the procedures for installing Redundant Safety Lock Springs on your BendPak Lift.

Affected Models:

Four-Post Lifts:

- HD-7 Series
- HD-7000SL model
- HD-9 Series
- HD5 Series
- HD50 Series
- HD-650A/DWS model
- D4-0 Series
- D8-12 Series

Two-Post Lifts:

- KPS-9 Series
- KPS-10 Series
- KPS-12 Series
- KPS-15CL model
- C2-0F model
- C2-10 Series
- C2-12C model
- C2-15C model

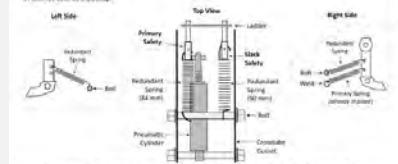
Background

Redundant Safety Lock Springs are an accessory that can be added to any of the BendPak Two-Post Lifts and Four-Post Lifts listed above. Safety Lock Spring redundancy, although not required in North America and most of the world, is deemed essential in parts of Europe. This Safety Lock Spring Kit is recommended and required for EU installations.

Four-Post Safety Lock Springs

Two Redundant Safety Springs need to be added to the primary safety and Slack Safety components.

- **Primary Safety.** This is the main safety lock device at each Post that continuously and automatically activates as the lift rises. The single pneumatic cylinder that actuates each Primary Safety Lock already includes an internal Compression Spring that functions as the primary engagement device. The Redundant Spring included in this kit acts as a backup.
- **Slack Safety.** These are the secondary safety lock devices found at each Post. The Slack Safety Lock instantly detects a slack cable situation and automatically engages to place the lift in a locked position. The Slack Safety Locks ensure that the lift is maintained in an elevated position in the event of a cable failure. This secondary safety lock already includes a primary tension spring that functions as the primary engagement device. The Redundant Spring included in this kit acts as a backup.



© 2020 BendPak Inc. All rights reserved. 2 of 2 (000) 213-2363 • 1-800-933-9970

To install the Safety Lock Springs on your Four-Post Lift:

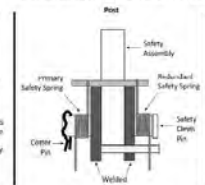
1. Locate the eight Safety Lock Springs (two per Post) included in the kit.
2. At the Crosstube Gusset, attach the Redundant Safety Spring (30 mm) to the Primary Safety, as shown in the drawing on the previous page.
3. Attach the other Redundant Safety Spring (30 mm) to the Slack Safety (above the Primary Safety Spring already in place), making sure to attach the straight end of the spring to the Bolt in the Crosstube Gusset.
4. Repeat steps 2 and 3 for the other Crosstube Gussets.

Two-Post Lift Safety Lock Springs

If you have a Two-Post Lift, a Redundant Safety Lock Spring and a longer Safety Clevis Pin need to be attached to each Safety Assembly; the Safety Assemblies take the lift off of its Safety Locks so the lift arms can be lowered.

Follow the installation arrows in the manual for your lift model. When you get to the procedure describing how to install the Safety Assemblies, use the additional components included in the kit to install the Assemblies.

The following drawing shows how to install the Safety Assembly with the Safety Clevis Pin and Safety Lock Springs:



Safety Assemblies are located on the back of the Posts. Not necessarily to scale. Not all components are shown.

To install the Safety Springs on your Two-Post Lift:

1. Locate the two Safety Clevis Pins and two Redundant Safety Springs included in this kit, and the two Primary Safety Springs and two other Pins that come in the Parts Bag of your lift.
2. Starting with the Frontside Post, slide the Redundant Safety Spring (P/N 5940646) onto the Safety Clevis Pin and insert the Pin from the right, through the hole in the Right Welded Plate, through the Safety Assembly, and then through the Left Welded Plate.
3. Put the Primary Safety Spring (P/N 5940375) on the left end of the Safety Clevis Pin, then install the other Pin on the end of the Safety Clevis Pin.
4. Repeat steps 2 and 3 for the Offside Post.

When completed, you may discard the original (shorter) Safety Clevis Pin that came in the Parts Bag of your lift.

© 2020 BendPak Inc. All rights reserved. 2 of 2 (000) 213-2363 • 1-800-933-9970

2. Vendor Information (Or for Reference)

Approved Vendor	Vendor Part #	Contact #	Preferred Vendor
1)			
OR BENDPAK ENGINEERING APPROVED EQUIVALENT			

PART SPECIFICATION FORM STANDARD

BENDPAK Number:	5930195
MRP Description:	ANTI-SLIP TAPE, 6" x 24ft
Date:	04/27/2022
ECO :	01414 PRE A

1. Engineering Specification

Application:

ANTI SLIP TAPE

Detailed Description:

Size: 24' L x 6" H (7315mm x 150mm)

Backing Thickness: 0.1mm

Backing material: PVC film

Sand grit: 20#

Adhesive: Solvent acrylic

Initial Tack (14# steel Ball): ≥ 25 N/100mm

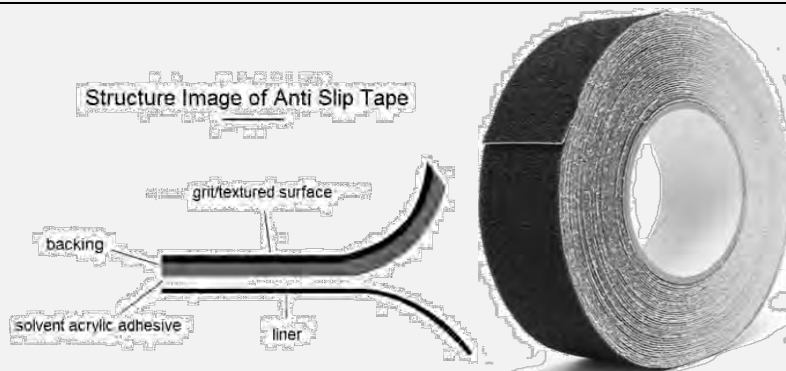
Peel Adhesion to Steel: ≥ 90 N/100mm

Tensile Strength: ≥ 100 N/25mm

Elongation: 2 < 30%

Friction: 1.13%

COLOR: BLACK



2. Vendor Information (Or for Reference)

Approved Vendor	Vendor Part #	Contact #
1) PAC KING	AST20#	SUSAN ZHANG @ TEL: 86 10 52475898 M(whatsapp): 86 13811910064 Facebook: 8618500136628 EMAIL: susan@packingmmc.com Skype: packingmmc1
OR BENDPAK ENGINEERING APPROVED EQUIVALENT		