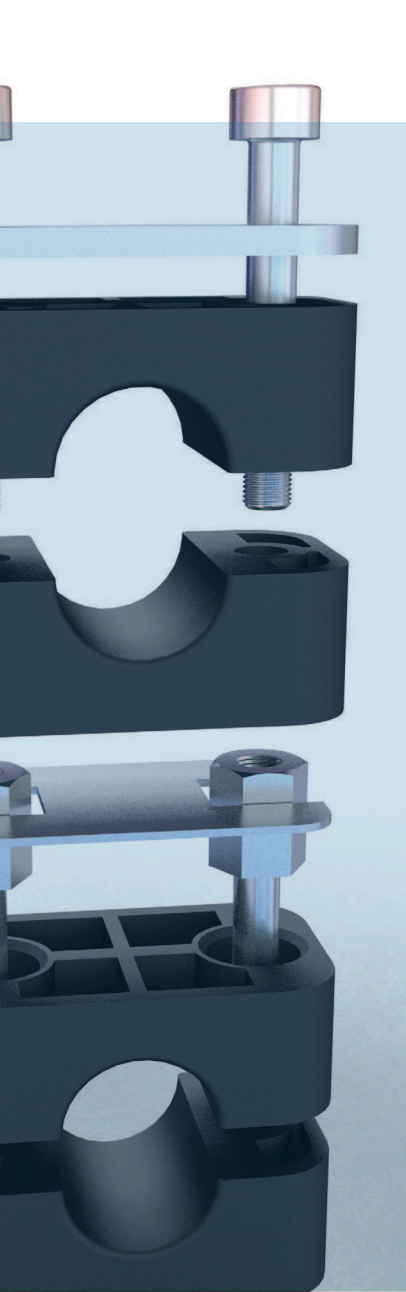
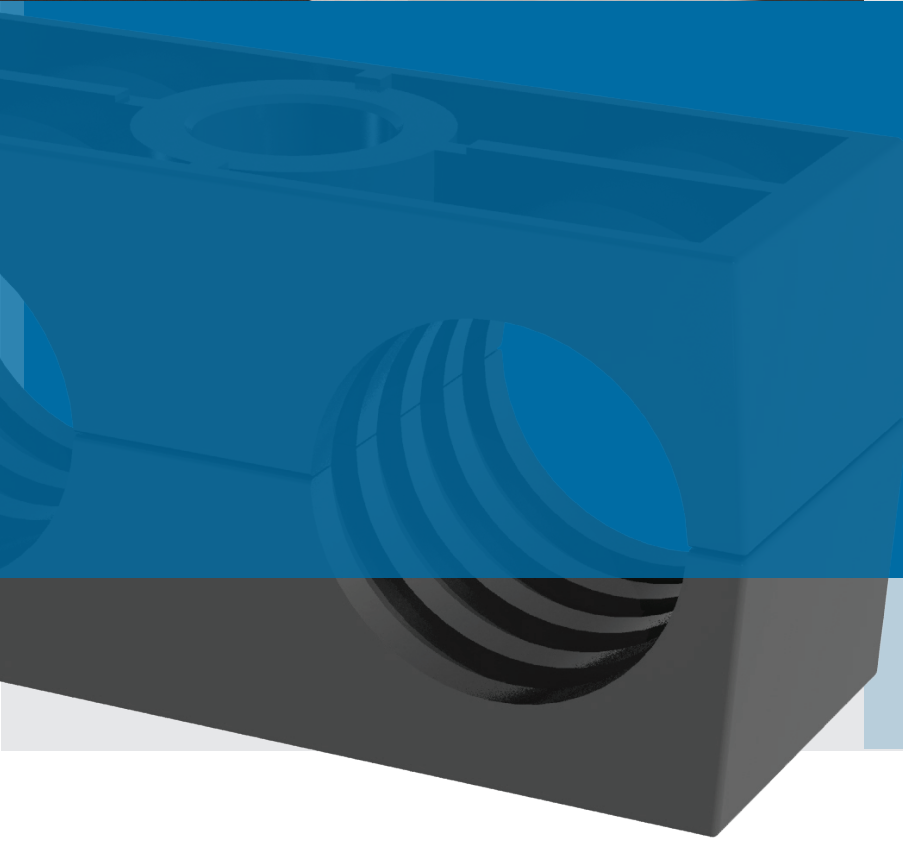
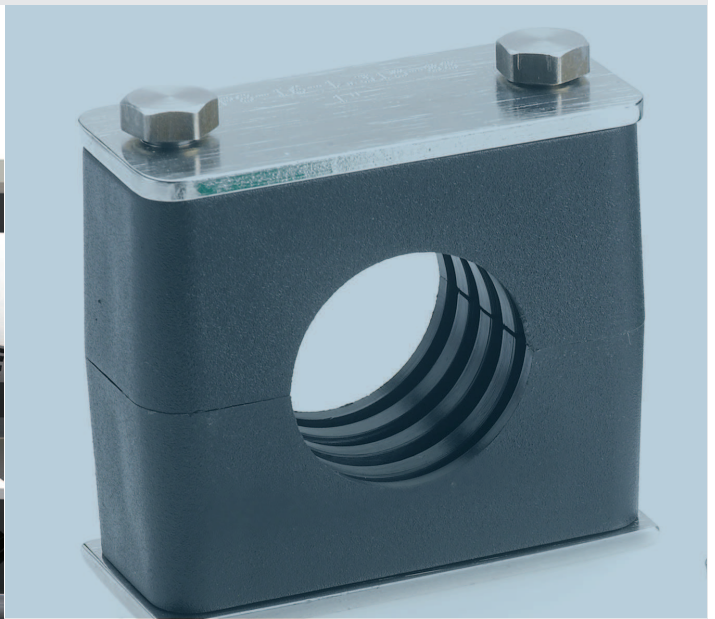
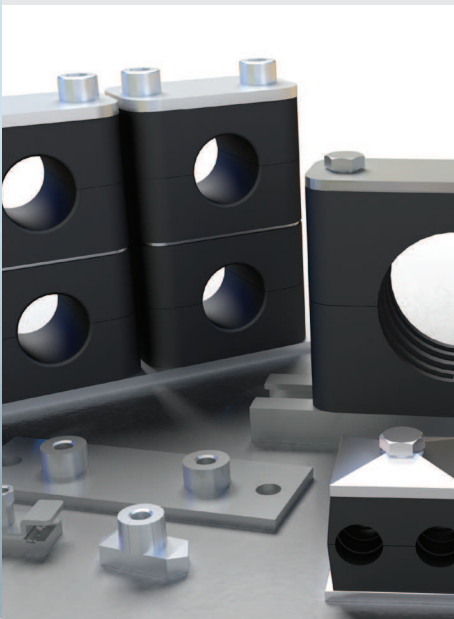




PERETE

HydraulicPipeTechnology



CLAMPS

*STANDARD, HEAVY AND TWIN
TUBE, PIPE AND HOSE CLAMPS*

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EVOLUTON OF CLAMPS

Today, clamps are widely used for providing simple, reliable dampening support for tubes, pipes, hoses and conduits in industrial and mobile hydraulic systems, process industries and electrical construction.

In many installations, pipe, hose or tube clamping is required to lessen vibration, provide rigid support and prevent loosening of the joints and welds. Brennan clamps, with their multi-rib design, prevent vibration transmission. They also provide support in both vertical and horizontal directions. This support relieves the stress caused by unequal movements in the pipe, hose or tubing.

STANDARD SERIES CLAMPS

Standard Series Clamps are typically used in installations with average load and moderate vibration. These clamps are ideal for applications like mobile equipment, machine tools and instrumentation plumbing.

On equipment with little to no vibration, Standard Series Clamps can be used without the cover plate to reduce cost.

Brennan Standard Series Clamps can be mounted using weld-plates or mounted on standard rails using rail nuts. Rails are an easy way to mount multiple clamps on a single base. Rails also allow flexibility when the pitch between the pipe or tubing is uneven. Rail-mounted pipe clamps can also be used with or without the cover plate, depending on the application.

Standard Series Clamps are available for pipe and tube sizes up to 4" O.D. Mounting rail is available in 1 or 2 meter lengths.

HEAVY SERIES CLAMPS

Brennan Heavy Series Clamps are great for higher load and higher vibration installations. Typical applications include primary metal manufacturing and heavy duty construction or mining equipment.

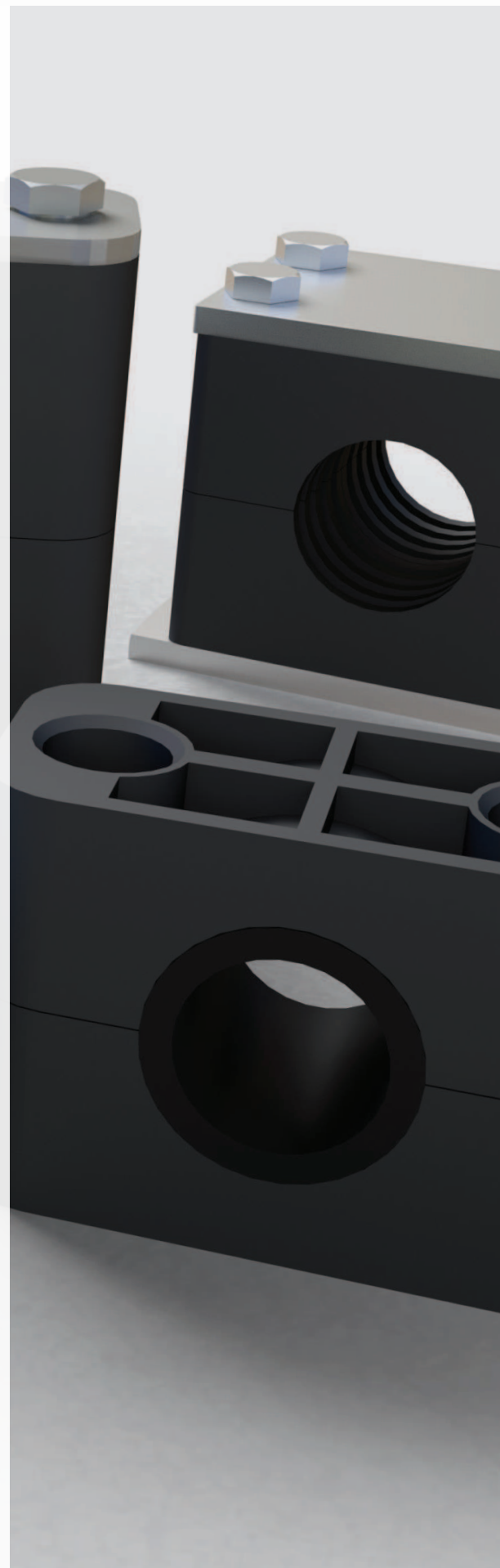
Heavy Series Clamps can be mounted using weld-plates. Sizes up to 2 3/4" O.D. can also be mounted using heavy rails using rail nuts. Brennan's heavy mounting rail is available in 1 or 2 meter lengths and is economical for multiple mountings on a single rail. Heavy Series Clamps are available for pipe and tube sizes up to 5" O.D.

TWIN SERIES CLAMPS

Twin Series Clamps are ideal for installations with closely placed lines. Typical applications include general industrial use and mobile applications with moderate vibration.

The Twin Series can be mounted using a weld-plate or mounting rail with rail nuts. Twin Series Clamps can be used with Standard Series mounting rail and are available in pipe and tube sizes up to 1.65" O.D.

Standard, Heavy and Twin Series Clamps can all be used in many mounting configurations for compact, efficient plumbing in installations with multiple lines stacked vertically or horizontally. They can also be installed back-to-back in conditions of extreme vibration.



PIPING vs TUBING

DIFFERENCE/COMPARISON

PIPE: SIZE AND IDENTIFICATION

For pipe, the determining reference is:

- A** The **NB** (nominal bore) or **NPS** (nominal pipe size) which loosely refers to inner diameter
- B** **THE SCHEDULE** of the pipe denotes the wall thickness of the pipe

EXAMPLE:

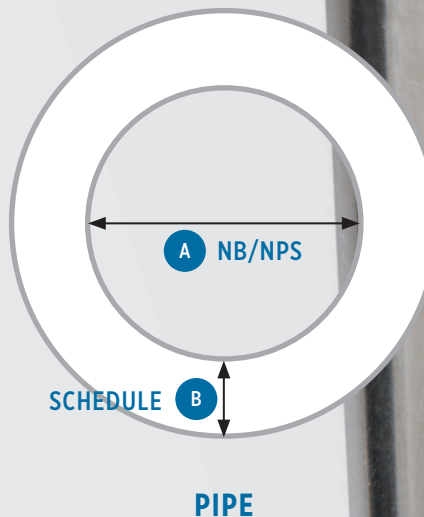
For an ASME/ANSI B 36.10 Welded and Seamless Wrought Steel Pipe the inside diameter – ID – of a NPS 2 inches pipe with:

2" Schedule 40 is 2.067"

2" Schedule 80 is 1.939"

The outside diameters of both schedules are constant at 2.375". Therefore, the "Schedule" of the pipe determines the thickness of the pipe and, therefore, the ID.

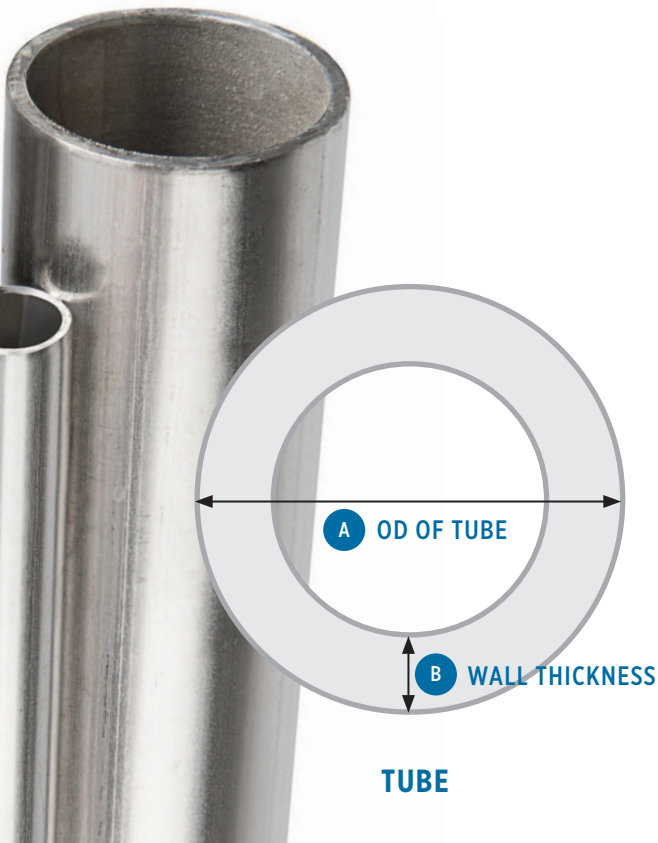
Pipe generally has looser tolerances, is always cylindrical and is cheaper to produce than tubing.



PIPE

A pipe and a tube are both, by definition, hollow cylinders used to pass liquids through them. Both are created to be rigid and permanent contributions from an engineering standpoint.

1	Identified by NB (nominal bore).
2	Wall thickness of Pipe is determined by the schedule i.e. sch. 10, sch. 80, sch. 160, etc.
3	Lower schedule no. – wall thickness is lower. Higher schedule no. – wall thickness is higher.
4	Pipe is fabricated for most of sizes and drawn for lower sizes.
5	Pipe is always cylindrical.
6	Pipe starts from 1/8" (6mm) to 24" NB or 36". Fabricated pipe can be any diameter.
7	O.D. of pipe is constant/fixed regardless of the pipe's schedule.



TUBE: SIZE AND IDENTIFICATION

For TUBING, the determining reference is:

- A** The **OD** (outside diameter) which is specified
- B** **THE WALL THICKNESS** of the tube

Tube dimensions are “actual” and not “nominal.”

Unlike pipe, which is always cylindrical, tubing can be round, square, rectangular or any shape of hollow material of uniform thickness.

Tolerances for tubing are tighter than those for pipe and tubing is generally more expensive to produce.

PIPE VS. TUBE: IMPLICATIONS

The decision to use tube or pipe depends on the project engineer. Choice to use pipe or tube impacts the purchase of associated items such as clamps, fittings, etc.

For the selection of CLAMPS, the user will designate PIPE CLAMPS or TUBE CLAMPS depending on if they are using tubing or pipe. Apart from nomenclature and sizing, there is no difference between the form and function of a TUBE CLAMP or a PIPE CLAMP.

TUBE

1	Identified by outside diameter.
2	Wall thickness of a tube is defined by the specific measurement or gauge.
3	Lower gauge no. – wall thickness is higher. Higher gauge no. – wall thickness is lower.
4	Tubing is always drawn and never fabricated.
5	A tube can be circular, square, oval, rectangular, etc.
6	Tubing starts from 1/8” to max. 4” or 6” for eg: 1/4” OD x .035” wall thickness.

CLAMPS

FEATURES & BENEFITS

FEATURES OF CLAMPS

- Simple to operate
- Easy to install
- Can accommodate various temperature ranges
- Make for quick, easy pipe installation and layout
- Very high impact resistance
- Noise reducing
- Good appearance
- Shock-absorption
- Vibration dampening
- Stackable and adjustable
- Prevents loosening of joints

HOW TO SELECT CLAMPS

STYLE OF THE BODY

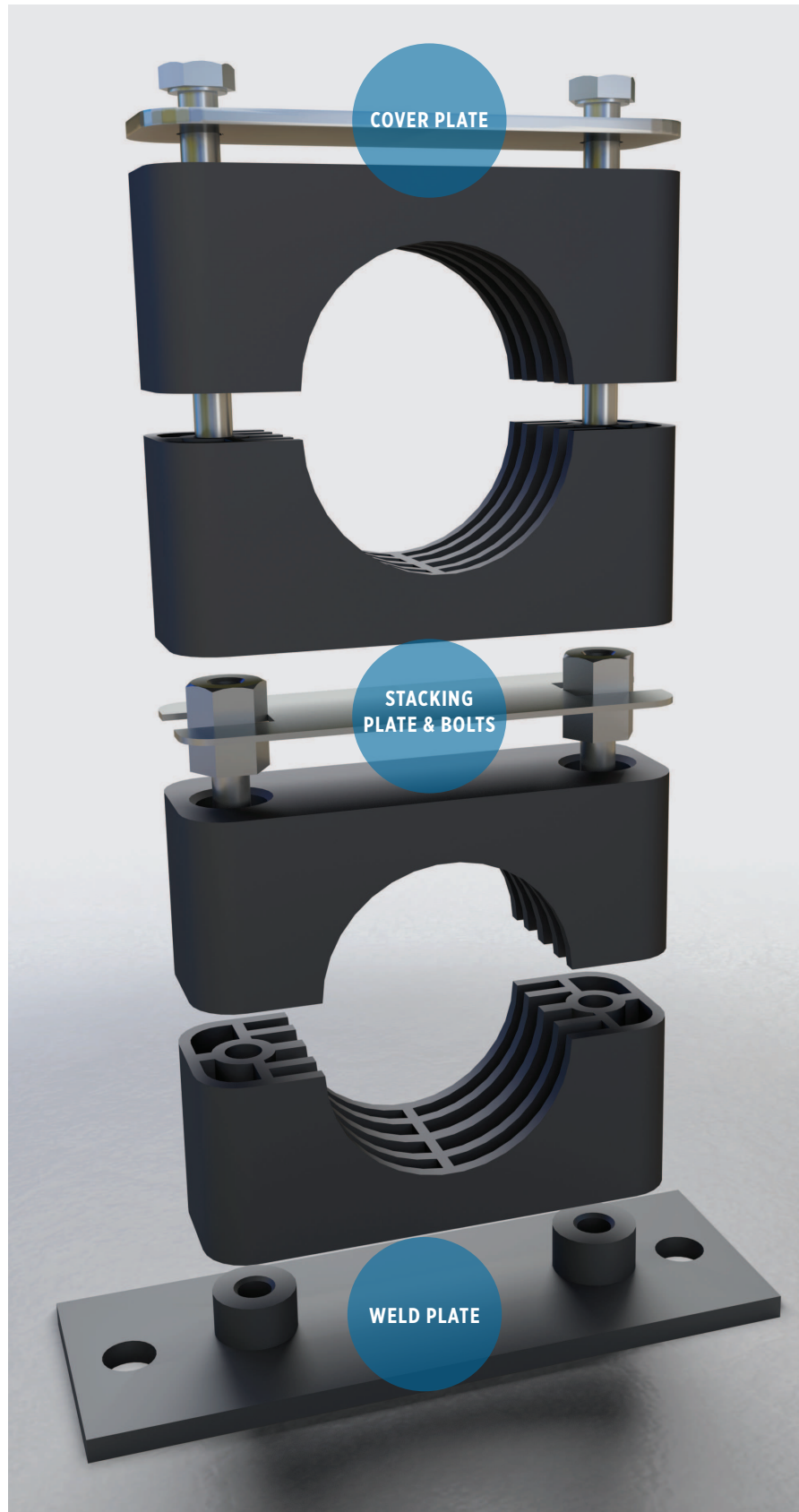
- Can be slotted, smooth or with a rubber insert for maximum vibration dampening.

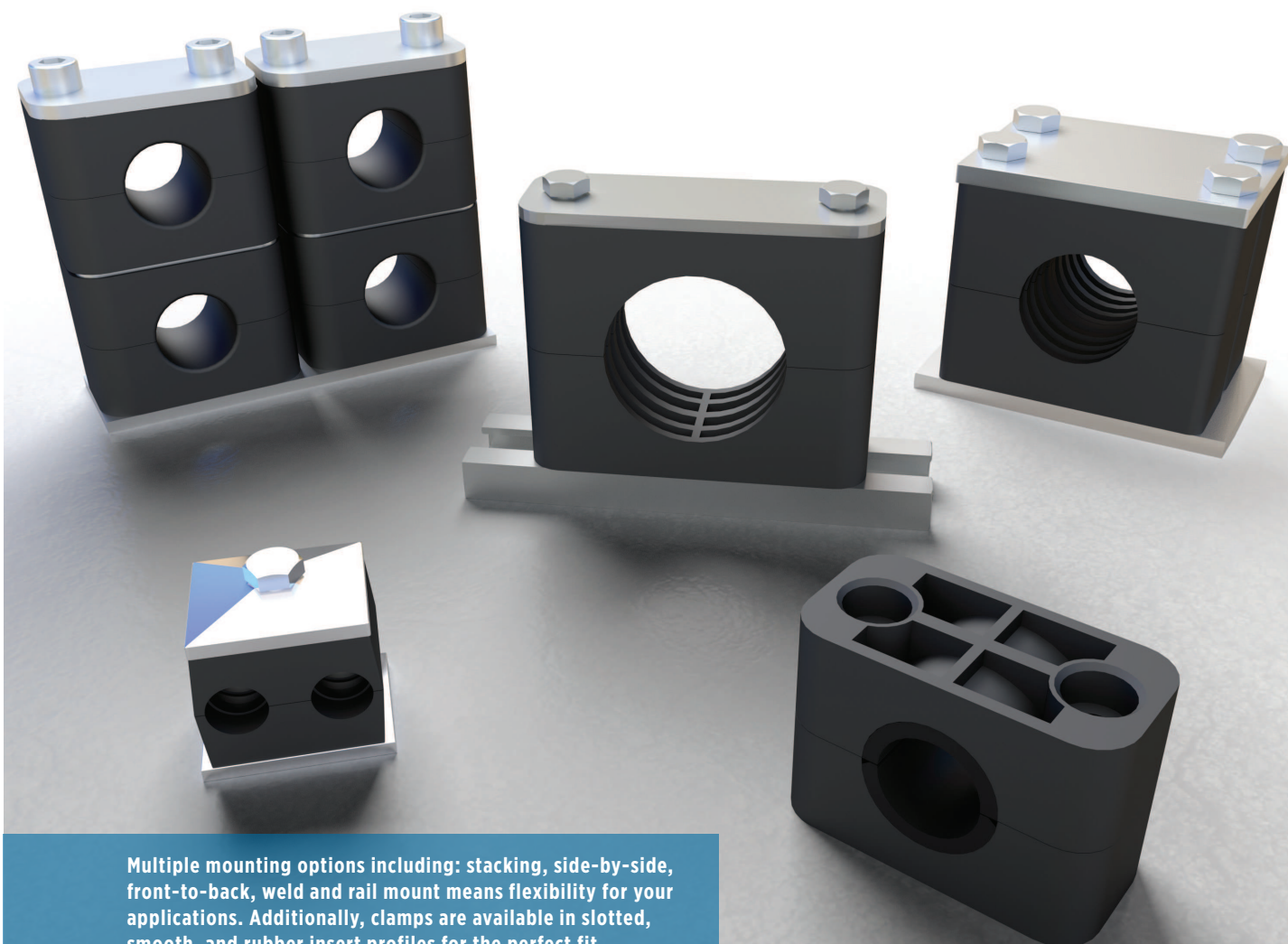
MATERIAL OF THE METALLIC PARTS

- Carbon steel untreated, phosphate treated or zinc-nickel plated and stainless steel.

USAGE CRITERIA

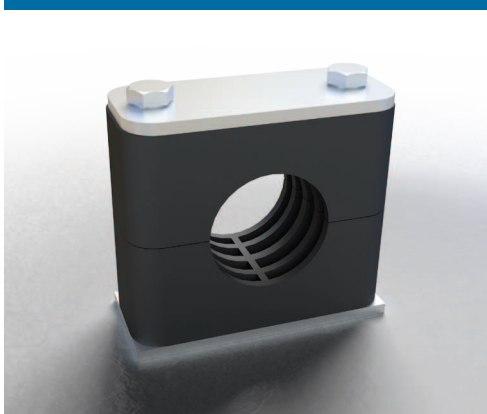
- Type of application – for instance, applications in steel mills may require heavy clamps
- Pressure rating during flow – higher pressure causes more vibration
- Economy in terms of space – carefully consider how your clamp assemblies need to be designed





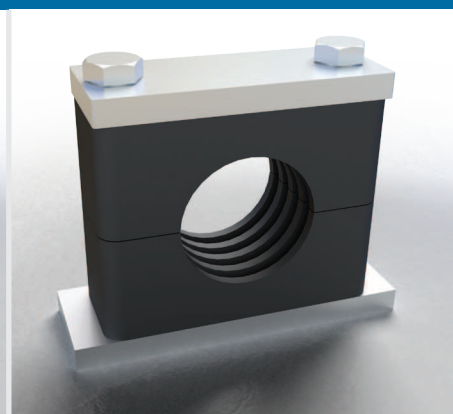
Multiple mounting options including: stacking, side-by-side, front-to-back, weld and rail mount means flexibility for your applications. Additionally, clamps are available in slotted, smooth, and rubber insert profiles for the perfect fit.

BRENNAN CLAMPS: RANGE



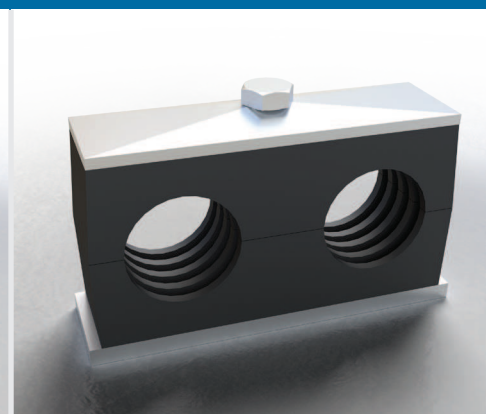
STANDARD SERIES PIPE / TUBE CLAMPS

Clamp bodies in polypropylene with hardware in unplated steel, phosphate treated, zinc-nickel plated or 304 or 316 stainless steel, imperial or metric.



HEAVY SERIES PIPE / TUBE CLAMPS

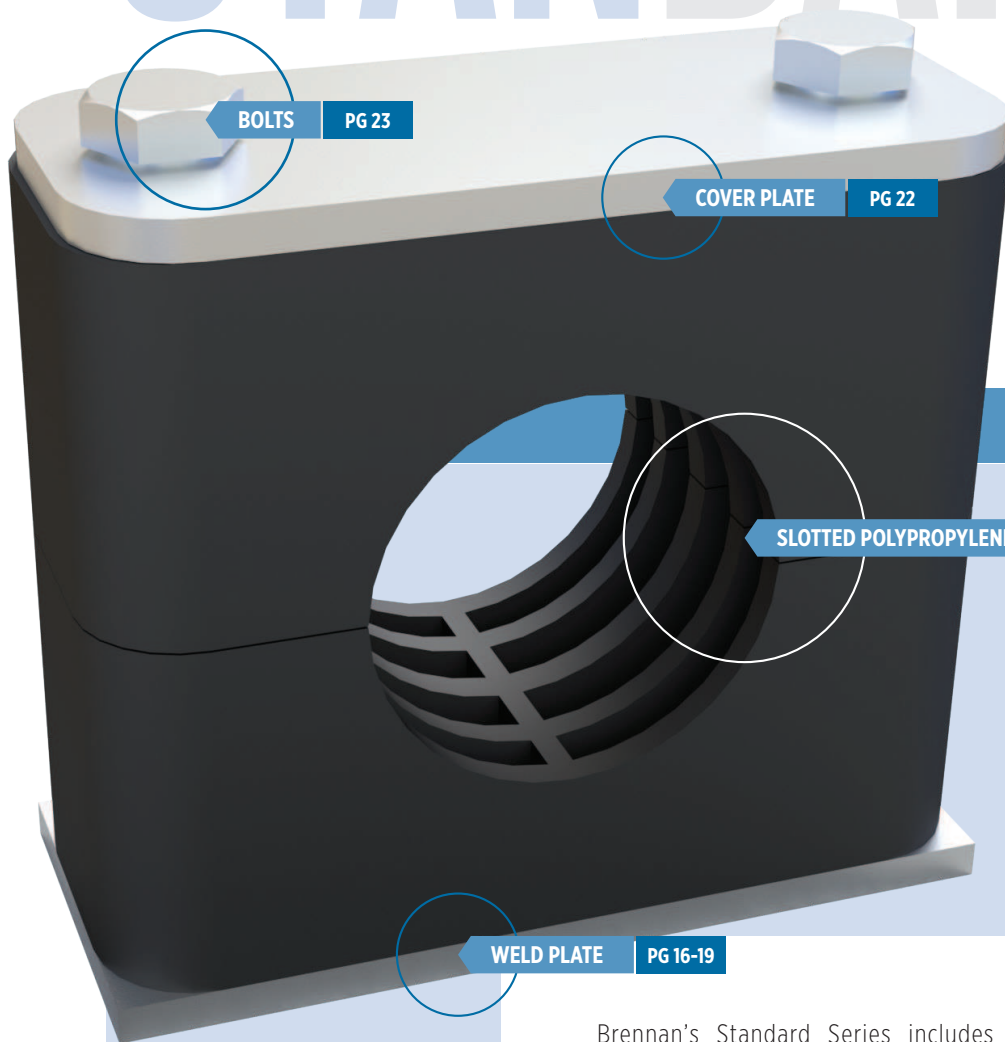
Clamp bodies in polypropylene with hardware in unplated steel, phosphate treated, zinc-nickel plated or 304 or 316 stainless steel, imperial or metric.



TWIN SERIES CLAMPS

Clamp bodies in polypropylene with hardware in unplated steel, phosphate treated, zinc-nickel plated or 304 or 316 stainless steel, imperial or metric.

STANDARD SERIES



COMPLETE CLAMP KIT

KIT CONTAINS:

SLOTTED POLYPROPYLENE BODY

PHOSPHATE TREATED CARBON STEEL WELD PLATE

ZINC-NICKEL PLATED COVER PLATE

ZINC-NICKEL PLATED BOLTS

Brennan's Standard Series includes complete clamp kits (bodies plus hardware) and a full line of individual components, so you can assemble the configuration that best meets your needs.

Standard Series clamp bodies are in polypropylene or polyamide and are available in slotted, smooth or rubber insert profiles. Hardware is available in unplated steel, phosphate treated, zinc-nickel plated, and both 304 and 316 stainless steel. These choices allow you to select a configuration that is perfectly tailored to your application.

Clamps are available in both imperial and metric sizes, according to groups. Please be sure to choose hardware and bodies from the same group for the best fit.

STANDARD SERIES: COMPLETE CLAMP KITS

- Everything you need in one package: clamp body, weld plate, cover plate and bolts with only one part number for simplified ordering.
- Stainless kits are also available, see below for ordering instructions.
- Kit bodies are in polypropylene with slotted profile only.

COMPLETE KIT

FOR TUBING APPLICATIONS

PART NO.	GROUP	ØD (in.)
CT-S1-04-CS-A	1	1/4
CT-S1-06-CS-A		3/8
CT-S2-08-CS-A	2	1/2
CT-S2-10-CS-A		5/8
CT-S3-12-CS-A	3	3/4
CT-S3-14-CS-A		7/8
CT-S3-16-CS-A	5	1
CT-S5-20-CS-A		1 1/4
CT-S5-24-CS-A	6	1 1/2
CT-S6-28-CS-A		1 3/4
CT-S6-32-CS-A	7	2
CT-S7-36-CS-A		2 1/4
CT-S7-40-CS-A	8	2 1/2
CT-S7-44-CS-A		2 3/4
CT-S7-48-CS-A	8	3
CT-S8-56-CS-A		3 1/2
CT-S8-64-CS-A	8	4

- Kit contains: slotted polypropylene body, phosphate treated carbon steel weld plate, zinc-nickel plated cover plate and bolts.
- For alternate finishes/materials replace -CS in the above part numbers with the following codes: -S4 304 stainless steel, -S6 316 stainless steel. Consult factory for availability

COMPLETE KIT

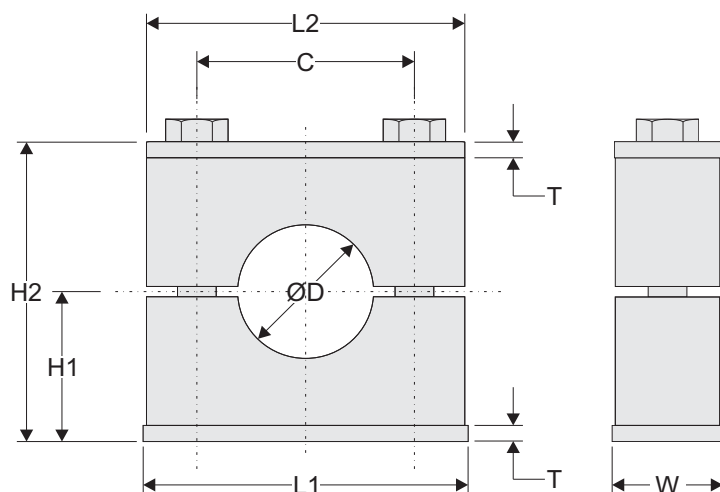
FOR PIPE APPLICATIONS

PART NO.	GROUP	NB* (in.)
CP-S2-04-CS-A	2	1/4
CP-S2-06-CS-A		3/8
CP-S3-08-CS-A	3	1/2
CP-S4-12-CS-A	4	3/4
CP-S5-16-CS-A	5	1
CP-S5-20-CS-A		1 1/4
CP-S6-24-CS-A	6	1 1/2
CP-S7-32-CS-A	7	2
CP-S7-40-CS-A		2 1/2
CP-S8-48-CS-A	8	3

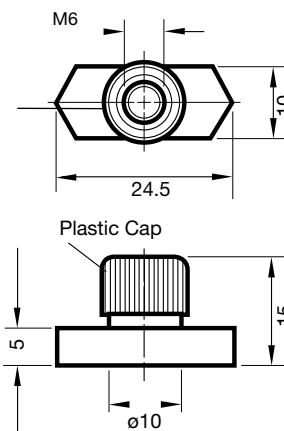
- Kit contains: slotted polypropylene body, phosphate treated carbon steel weld plate, zinc-nickel plated cover plate and bolts.
- For alternate finishes/materials replace -CS in the above part numbers with the following codes: -S4 304 stainless steel, -S6 316 stainless steel. Consult factory for availability
- Nominal bore*

HEAVY WELD PLATES

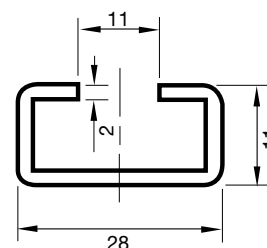
SINGLE AND DOUBLE



C-Rail Nut



C-Rail



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W
型号	组		英寸内径	英寸外径							
TLPG3-106	1	6	G1/8	1/4 5/16 3/8	36	34	16.5	33	20	3	30
TLPG3-106.4		6.4									
TLPG3-108		8									
TLPG3-109.5		9.5									
TLPG3-110		10									
TLPG3-112		12									
TLPG3-212.7	2	12.7	G1/4	1/2	42	40	19.5	39	26	3	30
TLPG3-213.5		13.5									
TLPG3-214		14									
TLPG3-215		15	G3/8	5/8							
TLPG3-216		16									
TLPG3-217.2		17.2									
TLPG3-218		18									
TLPG3-319	3	19	G1/2	3/4	50	48	20.5	41	33	3	30
TLPG3-320		20									
TLPG3-321.3		21.3									
TLPG3-322		22		1							
TLPG3-323		23									
TLPG3-325		25									

HEAVY WELD PLATES

SINGLE AND DOUBLE

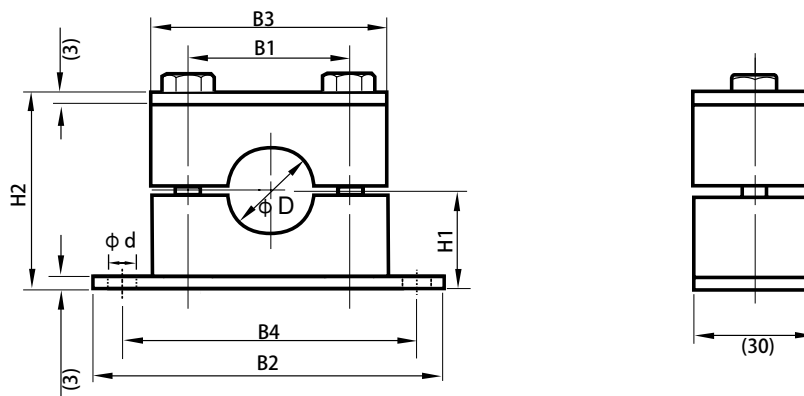
GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W
型号	组		英寸内径	英寸外径							
TLPG3-426.9	4	26.9	G3/4		59	57	24	48	40	3	30
TLPG3-428		28									
TLPG3-430		30									
TLPG3-532	5	32	G1	1 1/4	72	70	32	64	52	3	30
TLPG3-533.7		33.7									
TLPG3-535		35									
TLPG3-538		38	G1 1/4	1 1/2							
TLPG3-540		40									
TLPG3-542		42									
TLPG3-644.5	6	44.5	G1 1/2	1 3/4	88	86	36	72	66	3	30
TLPG3-645		45									
TLPG3-648		48									
TLPG3-650		50		2							
TLPG3-650.8		50.8									
TLPG3-652		52									
TLPG3-655		55		2 1/4							
TLPG3-657		57									

HEAVY WELD PLATES

SINGLE AND DOUBLE

Sizes 1-6



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φd	T	W
型号	组		英寸内径	英寸外径									
TLPG6-106	1	6	G1/8	1/4 5/16 3/8	16.5	33	20	64	34	50	6.5	3	30
TLPG6-106.4		6.4											
TLPG6-108		8											
TLPG6-109.5		9.5											
TLPG6-110		10											
TLPG6-112		12											
TLPG6-212.7	2	12.7	G1/4 G3/8	1/2 5/8	19.5	39	26	70	40	56	6.5	3	30
TLPG6-213.5		13.5											
TLPG6-214		14											
TLPG6-215		15											
TLPG6-216		16											
TLPG6-217.2		17.2											
TLPG6-218	3	18	G1/2	3/4 1	20.5	41	33	78	48	64	6.5	3	30
TLPG6-319		19											
TLPG6-320		20											
TLPG6-321.3		21.3											
TLPG6-322		22											
TLPG6-323		23											
TLPG6-325		25											

HEAVY WELD PLATES

SINGLE AND DOUBLE

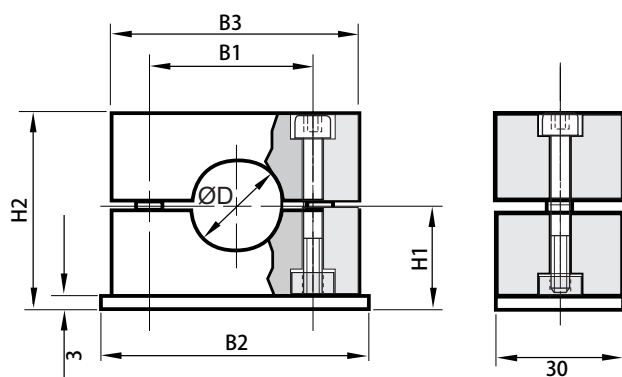
GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φd	T	W
型号	组		英寸内径	英寸外径									
TLPG6-426.9	4	26.9	G3/4		24	48	40	87	57	73	6.5	3	30
TLPG6-428		28											
TLPG6-430		30											
TLPG6-532	5	32	G1	1 1/4	32	64	52	100	70	86	6.5	3	30
TLPG6-533.7		33.7											
TLPG6-535		35		1 1/2									
TLPG6-538		38	G1 1/4										
TLPG6-540		40											
TLPG6-542		42											
TLPG6-644.5		44.5	G1 1/2	1 3/4									
TLPG6-645	6	45			36	72	66	116	86	100	6.5	3	30
TLPG6-648		48											
TLPG6-650		50		2									
TLPG6-650.8		50.8											
TLPG6-652		52											
TLPG6-655		55		2 1/4									
TLPG6-657		57											

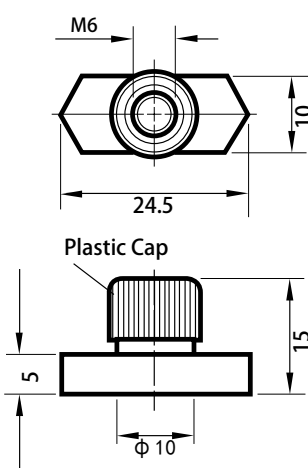
HEAVY WELD PLATES

SINGLE AND DOUBLE

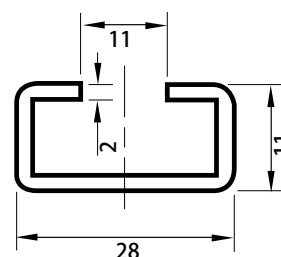
Sizes 1-8



C-Rail Nut



C-Rail



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	T	W1
型号	组		英寸内径	英寸外径							
TLPG2-106	1	6	G1/8	1/4 5/16 3/8	16.5	30	20	36	34	3	30
TLPG2-106.4		6.4									
TLPG2-108		8									
TLPG2-109.5		9.5									
TLPG2-110		10									
TLPG2-112		12									
TLPG2-212.7	2	12.7	G1/4	1/2	19.5	36	26	42	40	3	30
TLPG2-213.5		13.5									
TLPG2-214		14									
TLPG2-215		15									
TLPG2-216		16	G3/8	5/8							
TLPG2-217.2		17.2									
TLPG2-218		18									

HEAVY WELD PLATES

SINGLE AND DOUBLE

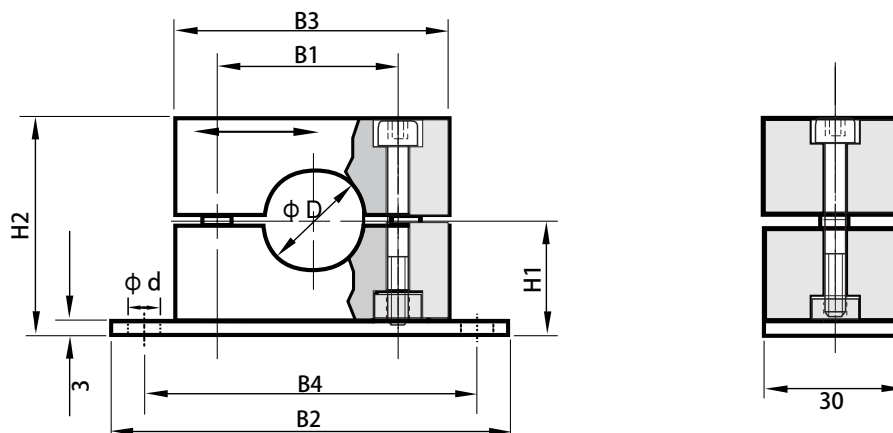
GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	T	W1
型号	组		英寸内径	英寸外径							
TLPG2-319	3	19	G1/2	3/4	20.5 38 33 50 48 3 30						
TLPG2-320		20									
TLPG2-321.3		21.3									
TLPG2-322		22									
TLPG2-323		23									
TLPG2-325		25		1							
TLPG2-426.9	4	26.9	G3/4		24 45 40 59 57 3 30						
TLPG2-428		28									
TLPG2-430		30									
TLPG2-532	5	32	G1	1 1/4	32 61 52 72 70 3 30						
TLPG2-533.7		33.7									
TLPG2-535		35									
TLPG2-538		38	11/2								
TLPG2-540		40									
TLPG2-542		42		G1 1/4							
TLPG2-644.5	6	44.5	G1 1/2	1 3/4	36 69 66 88 86 3 30						
TLPG2-645		45									
TLPG2-648		48									
TLPG2-650		50									
TLPG2-650.8		50.8		2							
TLPG2-652		52									
TLPG2-655		55		2 1/4							
TLPG2-657		57									

HEAVY WELD PLATES

SINGLE AND DOUBLE

Sizes 1-8



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φd	T	W1
型号	组		英寸内径	英寸外径									
TLPG5-106	1	6	G1/8	1/4 5/16 3/8	16.5	30	20	64	34	50	6.5	3	30
TLPG5-106.4		6.4											
TLPG5-108		8											
TLPG5-109.5		9.5											
TLPG5-110		10											
TLPG5-112		12											
TLPG5-212.7	2	12.7	G1/4	1/2 5/8	19.5	36	26	70	40	56	6.5	3	30
TLPG5-213.5		13.5											
TLPG5-214		14											
TLPG5-215		15											
TLPG5-216		16											
TLPG5-217.2		17.2											
TLPG5-218	3	18	G3/8	3/4	20.5	38	33	78	48	64	6.5	3	30
TLPG5-319		19											
TLPG5-320		20											
TLPG5-321.3		21.3											
TLPG5-322		22											
TLPG5-323		23											
TLPG5-325		25	G1/2	1									

HEAVY WELD PLATES

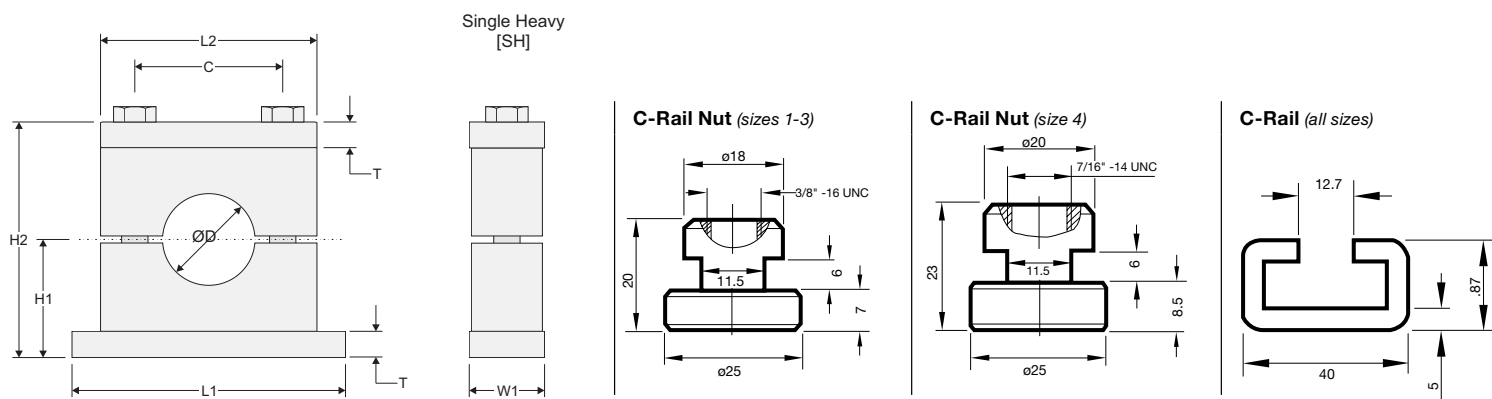
SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φd	T	W1
型号	组		英寸内径	英寸外径									
TLPG5-426.9	4	26.9	G3/4		24	45	40	87	57	73	6.5	3	30
TLPG5-428		28											
TLPG5-430		30											
TLPG5-532	5	32	G1	1 1/4	32	61	52	100	70	86	6.5	3	30
TLPG5-533.7		33.7											
TLPG5-535		35											
TLPG5-538		38											
TLPG5-540		40											
TLPG5-542		42											
		G1 1/4											
TLPG5-644.5	6	44.5	G1 1/2	1 3/4	36	69	66	116	86	100	6.5	3	30
TLPG5-645		45											
TLPG5-648		48											
TLPG5-650		50											
TLPG5-650.8		50.8		2									
TLPG5-652		52											
TLPG5-655		55											
TLPG5-657		57											

HEAVY WELD PLATES

SINGLE AND DOUBLE



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1
型号	组		英寸内径	英寸外径							
THPG1-106	1	6	G1/8	5/16	73	55	24	48	32	8	30
THPG1-108		8									
THPG1-110		10									
THPG1-112		12									
THPG1-112.7		12.7	G1/4								
THPG1-113.5		13.5									
THPG1-114		14	G3/8	5/8							
THPG1-115		15									
THPG1-116		16									
THPG1-117.2		17.2									
THPG1-118		18									
THPG1-218	2	18	G1/2	1	85	70	32	64	48	8	30
THPG1-219		19									
THPG1-220		20									
THPG1-221.3		21.3									
THPG1-222		22	G3/4								
THPG1-223		23									
THPG1-225		25									
THPG1-226.9		26.9									
THPG1-228		28									
THPG1-230		30									

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1	
型号	组		英寸内径	英寸外径								
THPG1-330	3	30	G1	1 1/4	100	85	38	76	60	8	30	
THPG1-332		32		1 1/2								
THPG1-333.7		33.7										
THPG1-335		35										
THPG1-338		38										
THPG1-340		40	G1 1/4									
THPG1-342		42										
THPG1-438	4	38	G1 1/4	1 1/2	140	115	55	110	90	10	45	
THPG1-440		40		2								
THPG1-442		42										
THPG1-445		45										G1 1/2
THPG1-448.3		48.3	G2									
THPG1-450		50		2 1/4								
THPG1-451		51										
THPG1-452		52										
THPG1-455		55										
THPG1-457		57										
THPG1-460.3		60.3										
THPG1-463		63										
THPG1-465		65										
THPG1-470		70										
THPG1-570	5	70	G2 1/2	3	180	152	70	140	122	10	60	
THPG1-573		73		3 1/4								
THPG1-575		75										
THPG1-576.1		76.1										
THPG1-580		80	3 1/2									
THPG1-582.5		82.5										
THPG1-588.9		88.9										
THPG1-590		90										

HEAVY WELD PLATES

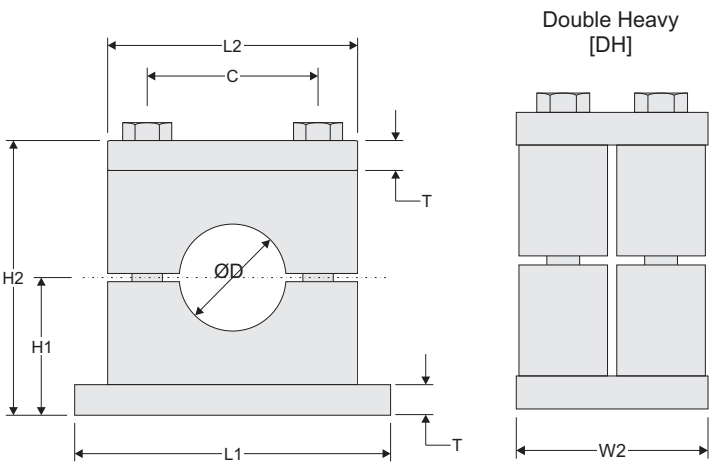
SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1
型号	组		英寸内径	英寸外径							
THPG1-690	6	90	G3 1/2	4	225	205	100	200	168	15	80
THPG1-697		97									
THPG1-6100		100									
THPG1-6101.6		101.6	G4	4 1/4							
THPG1-6108		108		4 1/2							
THPG1-6114.3		114.3									
THPG1-6127		127									
THPG1-7127	7	127	G5	5	270	250	115	230	205	15	90
THPG1-7133		133		5 1/4							
THPG1-7140		140		5 1/2							
THPG1-7150		150	G5 1/2	6							
THPG1-7152.4		152.4		6 1/4							
THPG1-7159		159		6 1/2							
THPG1-7165.1		165.1	G6	6 5/8							
THPG1-7168.3		168.3									
THPG1-8168.3	8	168.3	G8	6 5/8	340	320	160	320	265	25	120
THPG1-8177.8		177.8		7							
THPG1-8193.7		193.7		7 5/8							
THPG1-8203		203		8 5/8							
THPG1-8219.1		219.1									
THPG1-8220		220									
THPG1-9219.1	9	219.1	G8	8 5/8	520	470	235	470	395	30	162
THPG1-9224.5		224.5	G10 G12								
THPG1-9273		273									
THPG1-9323.9		323.9									
THPG1-10356	10	356	G14		680	630	295	590	534	30	182
THPG1-10365		365	G16								
THPG1-10406		406									

HEAVY WELD PLATES

SINGLE AND DOUBLE



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W2
型号	组		英寸内径	英寸外径							
THPG6-106	1	6	G1/8	5/16	73	55	24	48	32	8	60
THPG6-108		8									
THPG6-110		10									
THPG6-112		12									
THPG6-112.7		12.7	G1/4								
THPG6-113.5		13.5									
THPG6-114		14	G3/8								
THPG6-115		15									
THPG6-116		16									
THPG6-117.2		17.2									
THPG6-118		18									
THPG6-218	2	18	G1/2	1	85	70	32	64	48	8	60
THPG6-219		19									
THPG6-220		20									
THPG6-221.3		21.3									
THPG6-222		22	G3/4								
THPG6-223		23									
THPG6-225		25									
THPG6-226.9		26.9									
THPG6-228		28									
THPG6-230		30									

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W2
型号	组		英寸内径	英寸外径							
THPG6-330	3	30	G1	1 1/4	100 85 38 76 60 8 60						
THPG6-332		32									
THPG6-333.7		33.7									
THPG6-335		35									
THPG6-338		38	G1 1/4								
THPG6-340		40									
THPG6-342		42									
THPG6-438	4	38	G1 1/4	1 1/2	140 115 55 110 90 10 90						
THPG6-440		40									
THPG6-442		42									
THPG6-445		45	G1 1/2	2							
THPG6-448.3		48.3									
THPG6-450		50									
THPG6-451		51	G2	2 1/4							
THPG6-452		52									
THPG6-455		55									
THPG6-457		57									
THPG6-460.3		60.3		2 1/2							
THPG6-463		63									
THPG6-465		65									
THPG6-470		70									
THPG6-570	5	70	G2 1/2	3	180 152 70 140 122 10 123						
THPG6-573		73									
THPG6-575		75									
THPG6-576.1		76.1									
THPG6-580		80	G3	3 1/4							
THPG6-582.5		82.5									
THPG6-588.9		88.9									
THPG6-590		90									

HEAVY WELD PLATES

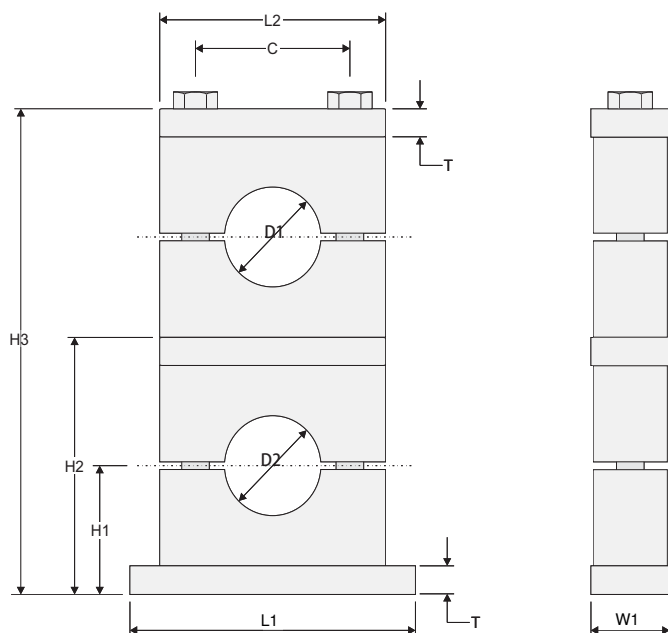
SINGLE AND DOUBLE

GROUP WELD PLATE

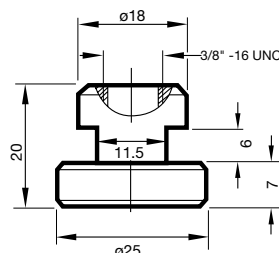
PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W2
型号	组		英寸内径	英寸外径							
THPG6-690	6	90	G3 1/2	4	225	205	100	200	168	15	166
THPG6-697		97									
THPG6-6100		100									
THPG6-6101.6		101.6	G4	4 1/4							
THPG6-6108		108		4 1/2							
THPG6-6114.3		114.3									
THPG6-6127		127									
THPG6-7127	7	127	G5	5	270	250	115	230	205	15	187
THPG6-7133		133		5 1/4							
THPG6-7140		140		5 1/2							
THPG6-7150		150	G5 1/2	6							
THPG6-7152.4		152.4		6 1/4							
THPG6-7159		159	G6	6 1/2							
THPG6-7165.1		165.1		6 5/8							
THPG6-7168.3		168.3									
THPG6-8168.3	8	168.3	G8	6 5/8	340	320	160	320	265	25	249
THPG6-8177.8		177.8		7							
THPG6-8193.7		193.7		7 5/8							
THPG6-8203		203		8 5/8							
THPG6-8219.1		219.1									
THPG6-8220		220									
THAG6-9219.1	9	219.1	G8	8 5/8	520	470	235	470	395	30	329
THAG6-9224.5		224.5	G10 G12								
THAG6-9273		273									
THAG6-9323.9		323.9									
THAG6-10356	10	356	G14		680	630	295	590	534	30	364
THAG6-10365		365	G16								
THAG6-10406		406									

HEAVY WELD PLATES

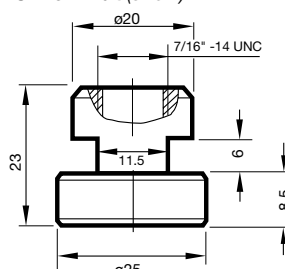
SINGLE AND DOUBLE



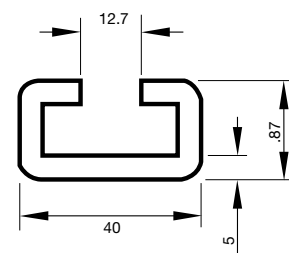
C-Rail Nut (sizes 1-3)



C-Rail Nut (size 4)



C-Rail (all sizes)



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THPG5-106	1	6	G1/8	5/16	73	55	24	48	88	32	8	30
THPG5-108		8										
THPG5-110		10										
THPG5-112		12										
THPG5-112.7		12.7	G1/4									
THPG5-113.5		13.5										
THPG5-114		14	G3/8	5/8								
THPG5-115		15										
THPG5-116		16										
THPG5-117.2		17.2										
THPG5-118		18										

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THPG5-218	2	18	G1/2	1	85 70 32 64 120 48 8 30							
THPG5-219		19										
THPG5-220		20										
THPG5-221.3		21.3										
THPG5-222		22										
THPG5-223		23	G3/4									
THPG5-225		25										
THPG5-226.9		26.9										
THPG5-228		28										
THPG5-230		30										
THPG5-330	3	30	G1	1 1/4 1 1/2	100 85 38 76 144 60 8 30							
THPG5-332		32										
THPG5-333.7		33.7										
THPG5-335		35	G1 1/4									
THPG5-338		38										
THPG5-340		40										
THPG5-342		42										
THPG5-438	4	38	G1 1/4	1 1/2 2 2 1/4 2 1/2	140 115 55 110 210 90 10 45							
THPG5-440		40										
THPG5-442		42										
THPG5-445		45	G1 1/2									
THPG5-448.3		48.3										
THPG5-450		50										
THPG5-451		51	G2									
THPG5-452		52										
THPG5-455		55										
THPG5-457		57										
THPG5-460.3		60.3										
THPG5-463		63										
THPG5-465		65										
THPG5-470		70										

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THPG5-570	5	70	G2 1/2	3	180	152	70	140	270	122	10	60
THPG5-573		73										
THPG5-575		75										
THPG5-576.1		76.1										
THPG5-580		80	G3	3 1/4								
THPG5-582.5		82.5		3 1/2								
THPG5-588.9		88.9										
THPG5-590		90										
THPG5-690	6	90	G3 1/2	4	225	205	100	200	385	168	15	80
THPG5-697		97										
THPG5-6100		100										
THPG5-6101.6		101.6		4 1/4								
THPG5-6108		108	G4	4 1/2								
THPG5-6114.3		114.3										
THPG5-6127		127										
THPG5-7127	7	127	G5	5	270	250	115	230	445	205	15	90
THPG5-7133		133		5 1/4								
THPG5-7140		140		5 1/2								
THPG5-7150		150	G5 1/2	6								
THPG5-7152.4		152.4		6 1/4								
THPG5-7159		159		6 1/2								
THPG5-7165.1		165.1	G6	6 5/8								
THPG5-7168.3		168.3										
THPG5-8168.3	8	168.3	G8	6 5/8	340	320	160	320	615	265	25	120
THPG5-8177.8		177.8		7								
THPG5-8193.7		193.7		7 5/8								
THPG5-8203		203		8 5/8								
THPG5-8219.1		219.1										
THPG5-8220		220										

HEAVY WELD PLATES

SINGLE AND DOUBLE

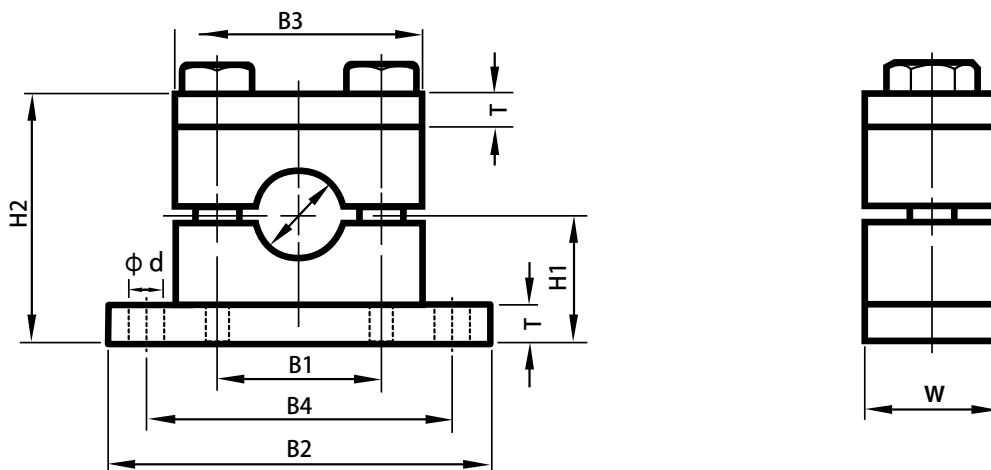
GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THPG5-9219.1	9	219.1	G8	8 5/8	520	470	235	470	910	395	30	162
THPG5-9224.5		224.5	G10 G12									
THPG5-9273		273										
THPG5-9323.9		323.9										
THPG5-10356	10	356	G14		680	630	295	590	1150	534	30	182
THPG5-10365		365	G16									
THPG5-10406		406										

HEAVY WELD PLATES

SINGLE AND DOUBLE

All Sizes



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φ d	T	W
型号	组		英寸内径	英寸外径									
THPG8-106	1	6	G1/8	5/16	24	48	33	113	55	85	11	8	30
THPG8-108		8											
THPG8-110		10											
THPG8-112		12											
THPG8-112.7		12. 7	G1/4	5/8									
THPG8-113.5		13. 5											
THPG8-114		14	G3/8										
THPG8-115		15											
THPG8-116		16											
THPG8-117.2		17. 2											
THPG8-118		18											
THPG8-218		2											
THPG8-219	19												
THPG8-220	20												
THPG8-221.3	21. 3												
THPG8-222	22		G3/4										
THPG8-223	23												
THPG8-225	25												
THPG8-226.9	26. 9												
THPG8-228	28												
THPG8-230	30												

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φ d	T	W	
型号	组		英寸内径	英寸外径										
THPG8-330	3	30	G1	1 1/4	38 76 60 140 85 112 11 8 30									
THPG8-332		32		1 1/2										
THPG8-333.7		33.7												
THPG8-335		35												
THPG8-338		38	G1 1/4											
THPG8-340		40												
THPG8-342		42												
THPG8-438	4	38	G1 1/4	1 1/2	55 110 90 190 115 160 14 10 45									
THPG8-440		40		2										
THPG8-442		42												G2
THPG8-445		45												
THPG8-448.3		48.3	2 1/2											
THPG8-450		50												
THPG8-451		51												
THPG8-452		52												
THPG8-455		55												
THPG8-457		57												
THPG8-460.3		60.3												
THPG8-463		63												
THPG8-465		65												
THPG8-470		70												
THPG8-570	5	70	G2 1/2	3	70 140 122 240 152 205 18 10 60									
THPG8-573		73		3 1/4										
THPG8-575		75												3 1/2
THPG8-576.1		76.1												
THPG8-580		80	G3											
THPG8-582.5		82.5												
THPG8-588.9		88.9												
THPG8-590		90												

HEAVY WELD PLATES

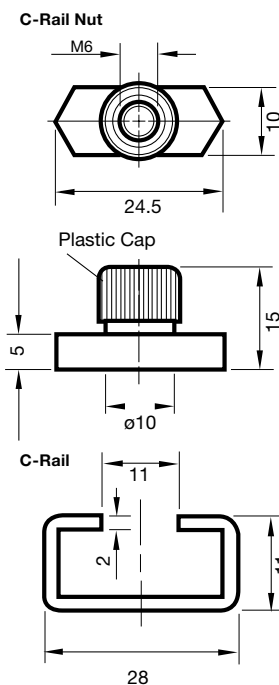
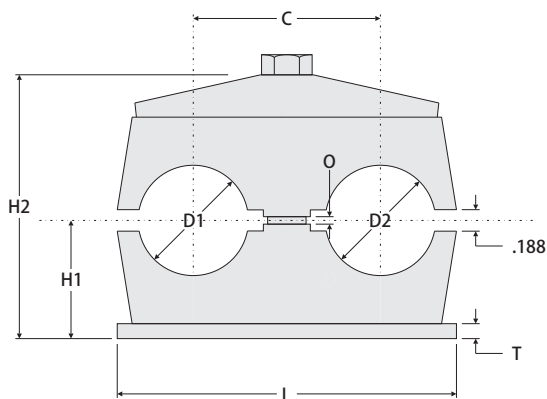
SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	B4	Φ d	T	W
型号	组		英寸内径	英寸外径									
THPG8-690	6	90	G3 1/2	4	100	200	168	310	205	270	22	15	80
THPG8-697		97											
THPG8-6100		100											
THPG8-6101.6		101.6	G4	4 1/2									
THPG8-6108		108											
THPG8-6114.3		114.3											
THPG8-6127		127											
THPG8-7127	7	127	G5	5	115	230	205	370	250	320	26	15	90
THPG8-7133		133		5 1/4									
THPG8-7140		140		5 1/2									
THPG8-7150		150	G5 1/2	6									
THPG8-7152.4		152.4		6 1/4									
THPG8-7159		159	G6	6 1/2									
THPG8-7165.1		165.1		6 5/8									
THPG8-7168.3		168.3											
THPG8-8168.3	8	168.3	G8	6 5/8	160	320	265	450	320	390	33	25	120
THPG8-8177.8		177.8		7									
THPG8-8193.7		193.7		7 5/8									
THPG8-8203		203		8 5/8									
THPG8-8219.1		219.1											
THPG8-8220		220											
THAG8-9219.1	9	219.1	G8	8 5/8	235	470	395	590	470	530	33	30	162
THAG8-9224.5		224.5	G10 G12										
THAG8-9273		273											
THAG8-9323.9		323.9											
THAG8-10356	10	356	G14		295	590	534	750	630	690	33	30	182
THAG8-10365		365	G16										
THAG8-10406		406											

HEAVY WELD PLATES

SINGLE AND DOUBLE



GROUP WELD PLATE

PART NO.	GROUP	ΦD1	ΦD2	Pipe	Tube O.D.	H1	H2	L	T	C	W
型号	组			英寸内径	英寸外径						
TTPG-106	1	6	6	G1/8	1/4	16.5	37	37	3	27	30
TTPG-106.4		6.4	6.4		5/16						
TTPG-108		8	8		3/8						
TTPG-109.5		9.5	9.5								
TTPG-110		10	10								
TTPG-112		12	12								
TTPG-212.7	2	12.7	12.7	G1/4	1/2	18	38	55	5	26	30
TTPG-213.5		13.5	13.5								
TTPG-214		14	14								
TTPG-215		15	15	G3/8	5/8						
TTPG-216		16	16								
TTPG-217.2		17.2	17.2								
TTPG-218		18	18								

HEAVY WELD PLATES

SINGLE AND DOUBLE

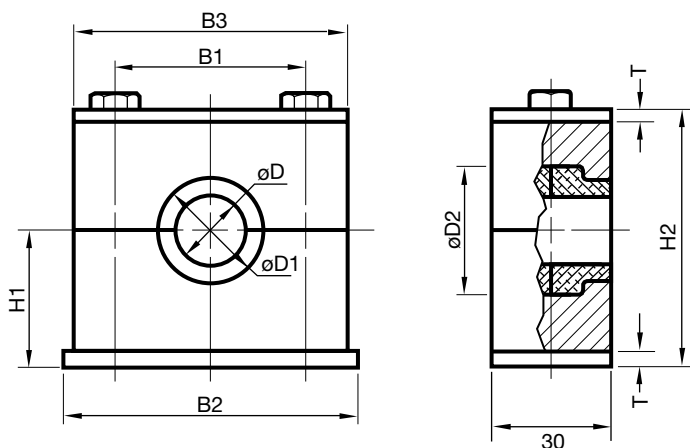
GROUP WELD PLATE

PART NO.	GROUP	ΦD1	ΦD2	Pipe	Tube O.D.	H1	H2	L	T	C	W	
型号	组			英寸内径	英寸外径							
TTPG-319	3	19	19	G1/2	3/4	23.5 49 70 5 37 30						
TTPG-320		20	20		1							
TTPG-321.3		21.3	21.3									
TTPG-322		22	22									
TTPG-323		23	23									
TTPG-325		25	25									
TTPG-325.4		25.4	25.4									
TTPG-426.9	4	26.9	26.9	G3/4		26 54 85 5 42 30						
TTPG-428		28	28									
TTPG-430		30	30									
TTPG-532	5	32	32	G1	1 1/4	32 66 110 5 54 30						
TTPG-533.7		33.7	33.7		1 1/2							
TTPG-535		35	35									
TTPG-538		38	38									
TTPG-540		40	40									G1 1/4
TTPG-542		42	42									

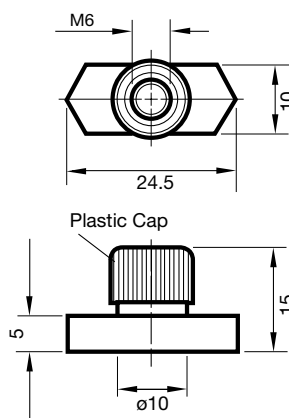
HEAVY WELD PLATES

SINGLE AND DOUBLE

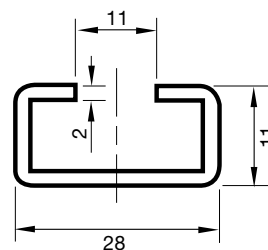
All Sizes



C-Rail Nut



C-Rail



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	ΦD1	ΦD2	T	W
型号	组		英寸内径	英寸外径									
THPG30-206	2	6	G1/8	1/16	23.5	47	40	59	57	25.5	31	3	30
THPG30-208		8											
THPG30-210		10											
THPG30-212		12											
THPG30-212.7		12.7											
THPG30-214		14	G3/8	1/2									
THPG30-215		15											
THPG30-216		16											
THPG30-217.2		17.2											
THPG30-219		19											
THPG30-320	3	20	G1/2	7/8 1 1 1/4	35.5	71	66	88	86	39	46	3	30
THPG30-322		22											
THPG30-325		25											
THPG30-326.9		26.9											
THPG30-328		28											
THPG30-330		30											
THPG30-332		32											

HEAVY WELD PLATES

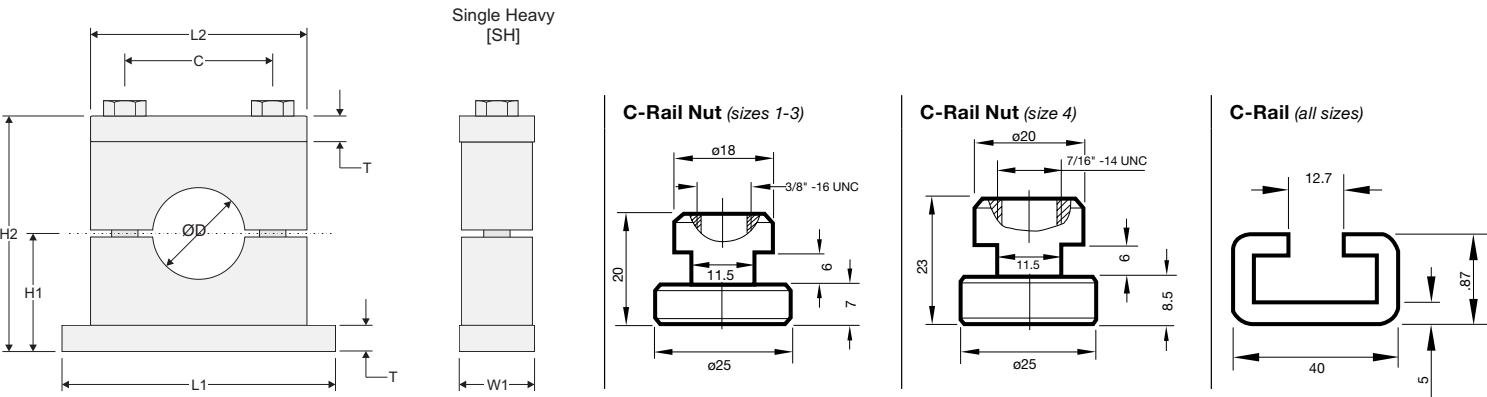
SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	ΦD1	ΦD2	T	W
型号	组		英寸内径	英寸外径									
THPG30-433.7	4	33.7	G1	1 1/2	53.5 107 90.5 140 115 65 74 10 45								
THPG30-435		35	G1 1/2										
THPG30-438		38											
THPG30-440		40											
THPG30-442		42											
THPG30-445.5		45.5											
THPG30-448		48	2										
THPG30-451		51											
THPG30-453.4		53.4											
THPG30-456.4		56.4											
THPG30-560	5	60		G2	3	68.5 137 122 180 152 89 98 10 60							
THPG30-565		65	G2 1/2										
THPG30-570		70											
THPG30-573		73											
THPG30-576		76											
THPG30-683	6	83	G3	3 1/2	98.5 197 168 225 205 116 132 15 80								
THPG30-689		89											
THPG30-694		94											
THPG30-6101		101	G3 1/2	4									
THPG30-7108	7	108	G4		113.5 227 205 270 252 154 168 15 90								
THPG30-7114		114											
THPG30-7133		133											

HEAVY WELD PLATES

SINGLE AND DOUBLE



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1	
型号	组		英寸内径	英寸外径								
THAG1-106	1	6	G1/8	5/16	73	55	24	48	32	8	30	
THAG1-108		8										
THAG1-110		10										
THAG1-112		12										
THAG1-112.7		12.7	G1/4	5/8								
THAG1-113.5		13.5										
THAG1-114		14	G3/8									
THAG1-115		15										
THAG1-116		16										
THAG1-117.2		17.2										
THAG1-118		18										
THAG1-218	2	18	G1/2		1	85	70	32	64	48	8	30
THAG1-219		19										
THAG1-220		20										
THAG1-221.3		21.3										
THAG1-222		22	G3/4									
THAG1-223		23										
THAG1-225		25										
THAG1-226.9		26.9										
THAG1-228		28										
THAG1-230		30										

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1	
型号	组		英寸内径	英寸外径								
THAG1-330	3	30	G1	1 1/4	100 85 38 76 60 8 30							
THAG1-332		32		1 1/2								
THAG1-333.7		33.7										
THAG1-335		35										
THAG1-338		38										
THAG1-340		40										
THAG1-342		42										
THAG1-438	4	38	G2	1 1/2	140 115 55 110 90 10 45							
THAG1-440		40		1 1/4								
THAG1-442		42										
THAG1-445		45										
THAG1-448.3		48.3		1 1/2								2
THAG1-450		50										2 1/4
THAG1-451		51										
THAG1-452		52										
THAG1-455		55										
THAG1-457		57		2 1/2								
THAG1-460.3		60.3										
THAG1-463		63										
THAG1-465		65										
THAG1-470		70										
THAG1-570	5	70	G3	3	180 152 70 140 122 10 60							
THAG1-573		73										
THAG1-575		75										
THAG1-576.1		76.1										
THAG1-580		80										
THAG1-582.5		82.5										
THAG1-588.9		88.9										
THAG1-590		90										

HEAVY WELD PLATES

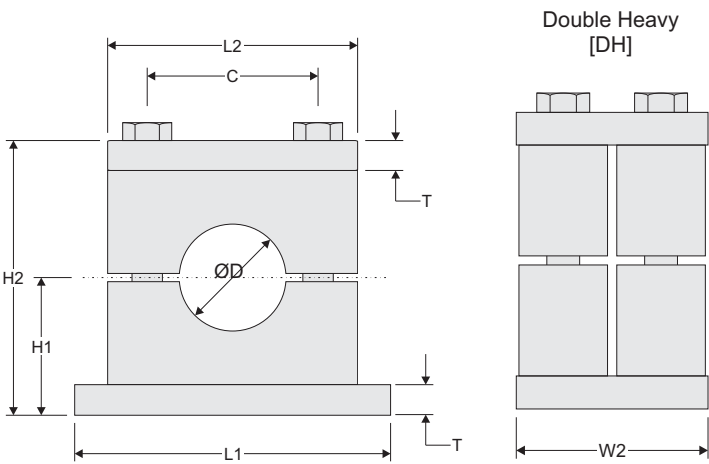
SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1
型号	组		英寸内径	英寸外径							
THAG1-690	6	90	G3 1/2	4	225	205	100	200	168	15	80
THAG1-697		97									
THAG1-6100		100									
THAG1-6101.6		101.6	G4	4 1/4							
THAG1-6108		108		4 1/2							
THAG1-6114.3		114.3									
THAG1-6127		127									
THAG1-7127	7	127	G5	5	270	250	115	230	205	15	90
THAG1-7133		133		5 1/4							
THAG1-7140		140		5 1/2							
THAG1-7150		150	G5 1/2	6							
THAG1-7152.4		152.4		6 1/4							
THAG1-7159		159	G6	6 1/2							
THAG1-7165.1		165.1		6 5/8							
THAG1-7168.3		168.3									
THAG1-8168.3	8	168.3	G8	6 5/8	340	320	160	320	265	25	120
THAG1-8177.8		177.8		7							
THAG1-8193.7		193.7		7 5/8							
THAG1-8203		203		8 5/8							
THAG1-8219.1		219.1									
THAG1-8220		220									
THAG1-9219.1	9	219.1	G8	8 5/8	520	470	235	470	395	30	162
THAG1-9224.5		224.5	G10								
THAG1-9273		273									
THAG1-9323.9		323.9	G12								
THAG1-10356	10	356	G14		680	630	295	590	534	30	182
THAG1-10365		365	G16								
THAG1-10406		406									

HEAVY WELD PLATES

SINGLE AND DOUBLE



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1
型号	组		英寸内径	英寸外径							
THAG6-106	1	6	G1/8	5/16	73	55	24	48	32	8	30
THAG6-108		8									
THAG6-110		10									
THAG6-112		12									
THAG6-112.7		12.7	G1/4								
THAG6-113.5		13.5									
THAG6-114		14	G3/8								
THAG6-115		15									
THAG6-116		16									
THAG6-117.2		17.2									
THAG6-118		18									
THAG6-218	2	18	G1/2	1	85	70	32	64	48	8	30
THAG6-219		19									
THAG6-220		20									
THAG6-221.3		21.3									
THAG6-222		22									
THAG6-223		23	G3/4								
THAG6-225		25									
THAG6-226.9		26.9									
THAG6-228		28									
THAG6-230		30									

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1		
型号	组		英寸内径	英寸外径									
THAG6-330	3	30	G1	1 1/4	100 85 38 76 60 8 30								
THAG6-332		32		1 1/2									
THAG6-333.7		33. 7											
THAG6-335		35											
THAG6-338		38											
THAG6-340		40	G1 1/4										
THAG6-342		42											
THAG6-438	4	38	G1 1/4	1 1/2	140 115 55 110 90 10 45								
THAG6-440		40		2									
THAG6-442		42										G2	
THAG6-445		45											1 1/2
THAG6-448.3		48. 3											
THAG6-450		50	2 1/2										
THAG6-451		51		3									
THAG6-452		52										3 1/4	
THAG6-455		55											3 1/2
THAG6-457		57											
THAG6-460.3		60. 3	G3										
THAG6-463		63		3 1/4									
THAG6-465		65										3 1/2	
THAG6-470		70											3
THAG6-570	70	G2 1/2											
THAG6-573	73		3										
THAG6-575	75			3 1/4									
THAG6-576.1	76. 1				3 1/2								
THAG6-580	80					3							
THAG6-582.5	82. 5	3 1/4											
THAG6-588.9	88. 9		3 1/2										
THAG6-590	90			3									

HEAVY WELD PLATES

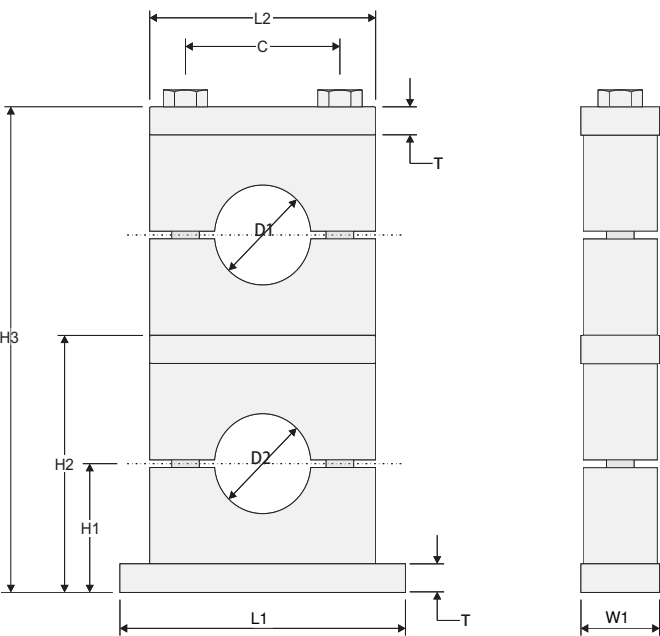
SINGLE AND DOUBLE

GROUP WELD PLATE

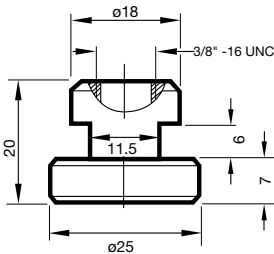
PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W1
型号	组		英寸内径	英寸外径							
THAG6-690	6	90	G3 1/2	4	225	205	100	200	168	15	80
THAG6-697		97									
THAG6-6100		100									
THAG6-6101.6		101.6	G4	4 1/4							
THAG6-6108		108		4 1/2							
THAG6-6114.3		114.3									
THAG6-6127		127									
THAG6-7127	7	127	G5	5	270	250	115	230	205	15	90
THAG6-7133		133		5 1/4							
THAG6-7140		140		5 1/2							
THAG6-7150		150	G5 1/2	6							
THAG6-7152.4		152.4		6 1/4							
THAG6-7159		159	G6	6 1/2							
THAG6-7165.1		165.1		6 5/8							
THAG6-7168.3		168.3									
THAG6-8168.3	8	168.3	G8	6 5/8	340	320	160	320	265	25	120
THAG6-8177.8		177.8		7							
THAG6-8193.7		193.7		7 5/8							
THAG6-8203		203		8 5/8							
THAG6-8219.1		219.1									
THAG6-8220		220									
THAG6-9219.1	9	219.1	G8	8 5/8	520	470	235	470	395	30	162
THAG6-9224.5		224.5	G10								
THAG6-9273		273									
THAG6-9323.9		323.9	G12								
THAG6-10356	10	356	G14		680	630	295	590	534	30	182
THAG6-10365		365	G16								
THAG6-10406		406									

HEAVY WELD PLATES

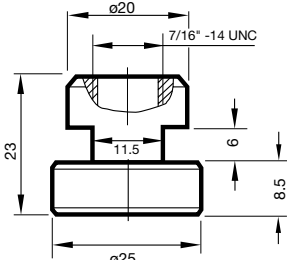
SINGLE AND DOUBLE



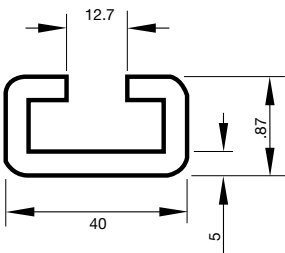
C-Rail Nut (sizes 1-3)



C-Rail Nut (size 4)



C-Rail (all sizes)



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THAG5-106	1	6	G1/8	5/16	73	55	24	48	88	32	8	30
THAG5-108		8										
THAG5-110		10										
THAG5-112		12										
THAG5-112.7		12.7	G1/4	5/8								
THAG5-113.5		13.5										
THAG5-114		14	G3/8									
THAG5-115		15										
THAG5-116		16										
THAG5-117.2		17.2										
THAG5-118		18										

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THAG5-218	2	18	G1/2	1	85 70 32 64 120 48 8 30							
THAG5-219		19										
THAG5-220		20										
THAG5-221.3		21.3										
THAG5-222		22										
THAG5-223		23	G3/4									
THAG5-225		25										
THAG5-226.9		26.9										
THAG5-228		28										
THAG5-230		30										
THAG5-330	3	30	G1	1 1/4	100 85 38 76 144 60 8 30							
THAG5-332		32										
THAG5-333.7		33.7										
THAG5-335		35	1 1/2									
THAG5-338		38										
THAG5-340		40	G1 1/4									
THAG5-342		42										
THAG5-438	4	38	G1 1/4	1 1/2	140 115 55 110 210 90 10 45							
THAG5-440		40										
THAG5-442		42										
THAG5-445		45	G1 1/2									
THAG5-448.3		48.3										
THAG5-450		50										
THAG5-451		51	G2									
THAG5-452		52										
THAG5-455		55										
THAG5-457		57										
THAG5-460.3		60.3										
THAG5-463		63										
THAG5-465		65										
THAG5-470		70										

HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THAG5-570	5	70	G2 1/2	3	180	152	70	140	270	122	10	60
THAG5-573		73										
THAG5-575		75										
THAG5-576.1		76.1										
THAG5-580		80	G3	3 1/4								
THAG5-582.5		82.5		3 1/2								
THAG5-588.9		88.9										
THAG5-590		90										
THAG5-690	6	90	G3 1/2	4	225	205	100	200	385	168	15	80
THAG5-697		97										
THAG5-6100		100										
THAG5-6101.6		101.6	G4	4 1/4								
THAG5-6108		108		4 1/2								
THAG5-6114.3		114.3										
THAG5-6127		127										
THAG5-7127	7	127	G5	5	270	250	115	230	445	205	15	90
THAG5-7133		133		5 1/4								
THAG5-7140		140		5 1/2								
THAG5-7150		150	G5 1/2	6								
THAG5-7152.4		152.4		6 1/4								
THAG5-7159		159		6 1/2								
THAG5-7165.1		165.1	G6	6 5/8								
THAG5-7168.3		168.3										
THAG5-8168.3	8	168.3	G8	6 5/8	340	320	160	320	615	265	25	120
THAG5-8177.8		177.8		7								
THAG5-8193.7		193.7		7 5/8								
THAG5-8203		203		8 5/8								
THAG5-8219.1		219.1										
THAG5-8220		220										

HEAVY WELD PLATES

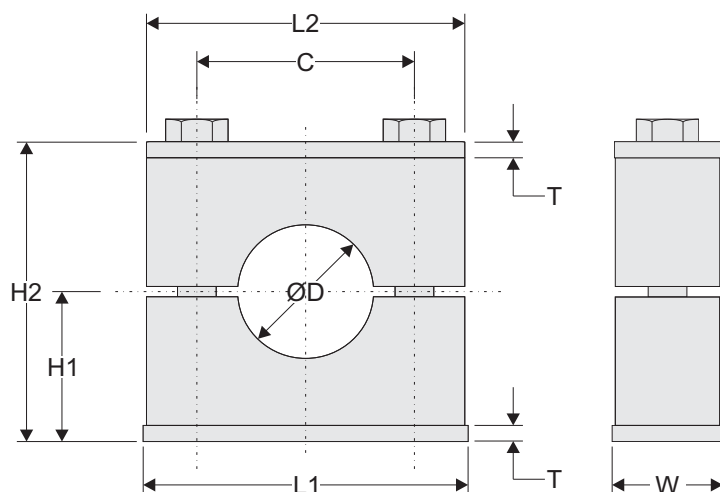
SINGLE AND DOUBLE

GROUP WELD PLATE

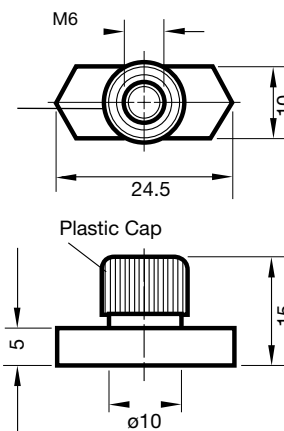
PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	H3	C	T	W1
型号	组		英寸内径	英寸外径								
THAG5-9219.1	9	219.1	G8 G10 G12	8 5/8	520 470 235 470 910 395 30 162							
THAG5-9224.5		224.5										
THAG5-9273		273										
THAG5-9323.9		323.9										
THAG5-10356	10	356	G14 G16		680 630 295 590 1150 534 30 182							
THAG5-10365		365										
THAG5-10406		406										

HEAVY WELD PLATES

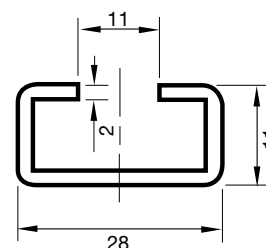
SINGLE AND DOUBLE



C-Rail Nut



C-Rail



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W
型号	组		英寸内径	英寸外径							
TLNG3-106	1	6	G1/8	1/4 5/16 3/8	36	34	16.5	33	20	3	30
TLNG3-106.4		6.4									
TLNG3-108		8									
TLNG3-109.5		9.5									
TLNG3-110		10									
TLNG3-112		12									
TLNG3-212.7	2	12.7	G1/4	1/2 5/8	42	40	19.5	39	26	3	30
TLNG3-213.5		13.5									
TLNG3-214		14									
TLNG3-215		15									
TLNG3-216		16									
TLNG3-217.2		17.2									
TLNG3-218	3	18	G3/8	3/4 1	50	48	20.5	41	33	3	30
TLNG3-319		19									
TLNG3-320		20									
TLNG3-321.3		21.3									
TLNG3-322		22									
TLNG3-323		23									
TLNG3-325		25									

HEAVY WELD PLATES

SINGLE AND DOUBLE

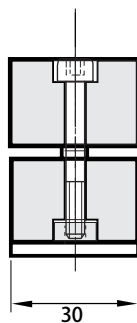
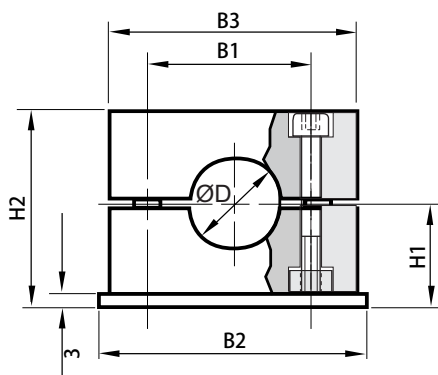
GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	L1	L2	H1	H2	C	T	W
型号	组		英寸内径	英寸外径							
TLNG3-426.9	4	26. 9	G3/4		59 57 24 48 40 3 30						
TLNG3-428		28									
TLNG3-430		30									
TLNG3-532	5	32	G1	1 1/4	72 70 32 64 52 3 30						
TLNG3-533.7		33. 7									
TLNG3-535		35									
TLNG3-538		38									
TLNG3-540		40	G1/4								
TLNG3-542		42									
TLNG3-644.5	6	44. 5	G1 1/2	1 3/4	88 86 36 72 66 3 30						
TLNG3-645		45									
TLNG3-648		48									
TLNG3-650		50									
TLNG3-650.8		50. 8									
TLNG3-652		52									
TLNG3-655		55									
TLNG3-657		57		2 1/4							

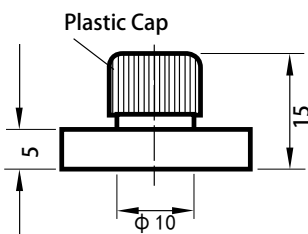
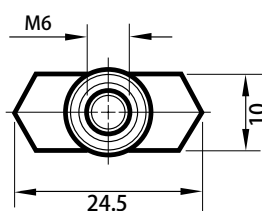
HEAVY WELD PLATES

SINGLE AND DOUBLE

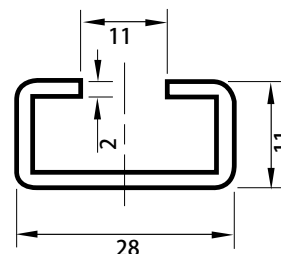
Sizes 1-8



C-Rail Nut



C-Rail



GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	T	W1
型号	组		英寸内径	英寸外径							
TLNG2-106	1	6	G1/8	1/4 5/16 3/8	16.5	30	20	36	34	3	30
TLNG2-106.4		6.4									
TLNG2-108		8									
TLNG2-109.5		9.5									
TLNG2-110		10									
TLNG2-112		12									
TLNG2-212.7	2	12.7	G1/4	1/2 5/8	19.5	36	26	42	40	3	30
TLNG2-213.5		13.5									
TLNG2-214		14									
TLNG2-215		15									
TLNG2-216		16									
TLNG2-217.2		17.2									
TLNG2-218		18									
TLNG2-319	3	19	G1/2	3/4 1	20.5	38	33	50	48	3	30
TLNG2-320		20									
TLNG2-321.3		21.3									
TLNG2-322		22									
TLNG2-323		23									
TLNG2-325		25									

HEAVY WELD PLATES

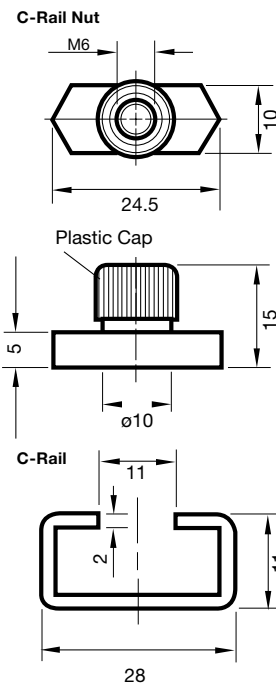
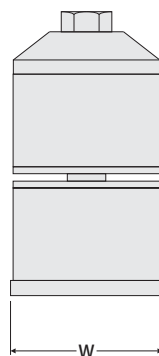
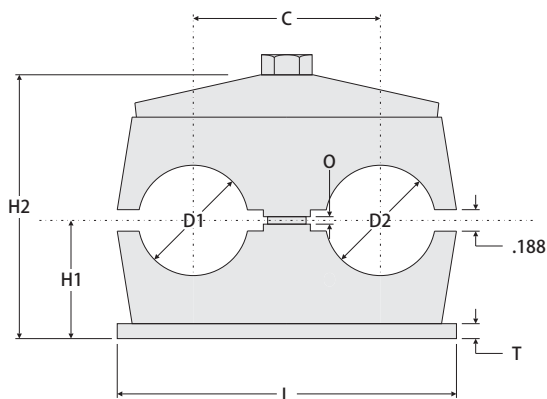
SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD	Pipe	Tube O.D.	H1	H2	B1	B2	B3	T	W1
型号	组		英寸内径	英寸外径							
TLNG2-426.9	4	26.9	G3/4		24 45 40 59 57 3 30						
TLNG2-428		28									
TLNG2-430		30									
TLNG2-532	5	32	G1	11/4	32 61 52 72 70 3 30						
TLNG2-533.7		33.7		11/2							
TLNG2-535		35									
TLNG2-538		38									
TLNG2-540		40									
TLNG2-542		42	G11/4								
TLNG2-644.5	6	44.5	G11/2	1 3/4	36 69 66 88 86 3 30						
TLNG2-645		45		2							
TLNG2-648		48									
TLNG2-650		50									
TLNG2-650.8		50.8									
TLNG2-652		52		2 1/4							
TLNG2-655		55									
TLNG2-657		57									

HEAVY WELD PLATES

SINGLE AND DOUBLE



GROUP WELD PLATE

PART NO.	GROUP	ΦD1	ΦD2	Pipe	Tube O.D.	H1	H2	L	T	C	W
型号	组			英寸内径	英寸外径						
TTNG-106	1	6	6	G1/8	1/4	16.5	37	37	3	27	30
TTNG-106.4		6.4	6.4		5/16						
TTNG-108		8	8		3/8						
TTNG-109.5		9.5	9.5								
TTNG-110		10	10								
TTNG-112		12	12								
TTNG-212.7	2	12.7	12.7	G1/4	1/2	18	38	55	5	26	30
TTNG-213.5		13.5	13.5								
TTNG-214		14	14								
TTNG-215		15	15	G3/8	5/8						
TTNG-216		16	16								
TTNG-217.2		17.2	17.2								
TTNG-218		18	18								

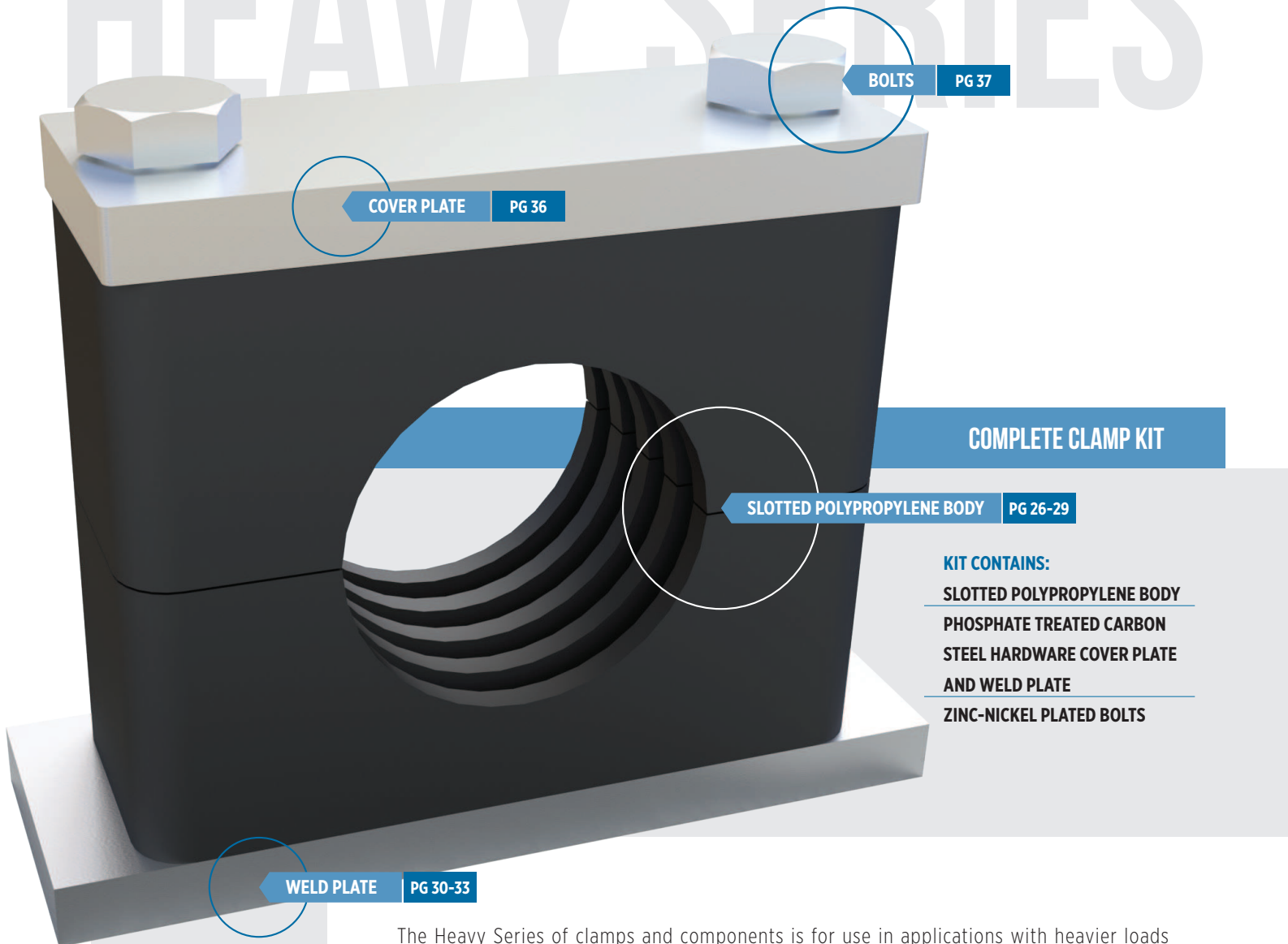
HEAVY WELD PLATES

SINGLE AND DOUBLE

GROUP WELD PLATE

PART NO.	GROUP	ΦD1	ΦD2	Pipe	Tube O.D.	H1	H2	L	T	C	W
型号	组			英寸内径	英寸外径						
TTNG-319	3	19	19	G1/2	3/4	23.5 49 70 5 37 30					
TTNG-320		20	20		1						
TTNG-321.3		21.3	21.3								
TTNG-322		22	22								
TTNG-323		23	23								
TTNG-325		25	25								
TTNG-325.4		25.4	25.4								
TTNG-426.9	4	26.9	26.9	G3/4		26 54 85 5 42 30					
TTNG-428		28	28								
TTNG-430		30	30								
TTNG-532	5	32	32	G1	1 1/4	32 66 110 5 54 30					
TTNG-533.7		33.7	33.7		1 1/2						
TTNG-535		35	35								
TTNG-538		38	38	G1 1/4							
TTNG-540		40	40								
TTNG-542		42	42								

HEAVY SERIES



COMPLETE CLAMP KIT

KIT CONTAINS:

SLOTTED POLYPROPYLENE BODY
PHOSPHATE TREATED CARBON
STEEL HARDWARE COVER PLATE
AND WELD PLATE
ZINC-NICKEL PLATED BOLTS

The Heavy Series of clamps and components is for use in applications with heavier loads and higher vibrations. Heavy clamps are available with a double weld plate for back-to-back mounting for even greater strength and vibration control.

Brennan's Heavy Series includes complete clamp kits (bodies plus hardware) and a full line of individual components, so you can assemble the configuration that best meets your needs.

Heavy Series clamp bodies are in polypropylene or polyamide and are available with slotted, smooth, or rubber insert profile. Heavy Series hardware includes phosphate treated steel weld plates and cover plates. Zinc-nickel and 304/316 stainless steel is also available. These choices allow you to select a configuration that is perfectly tailored to your application. *

Clamps are available in both imperial and metric sizes, according to groups. Please be sure to choose hardware and bodies from the same group for the best fit.

* Group 8: Finish is unplated steel, not available in zinc-nickel.

HEAVY SERIES: COMPLETE CLAMP KITS

- Everything you need in one package: clamp body, weld plate, cover plate and bolts with only one part number for simplified ordering.
- Stainless kits are also available, see below for ordering instructions.
- Kit bodies are in polypropylene with slotted profile only.

COMPLETE KIT

FOR TUBING APPLICATIONS

PART NO.	GROUP	OD (in.)
CT-H3-04-CS-A	3	1/4
CT-H3-06-CS-A		3/8
CT-H3-08-CS-A		1/2
CT-H3-10-CS-A		5/8
CT-H4-12-CS-A	4	3/4
CT-H4-14-CS-A		7/8
CT-H4-16-CS-A		1
CT-H5-20-CS-A	5	1 1/4
CT-H5-24-CS-A		1 1/2
CT-H6-28-CS-A	6	1 3/4
CT-H6-32-CS-A		2
CT-H6-36-CS-A		2 1/4
CT-H6-40-CS-A		2 1/2
CT-H7-44-CS-A	7	2 3/4
CT-H7-48-CS-A		3
CT-H8-56-UN-A	8	3 1/2
CT-H8-64-UN-A		4

- For alternate finishes/materials replace -CS/UN in the above part numbers with the following codes: -S4 304 stainless steel, -S6 316 stainless steel. Consult factory for availability.

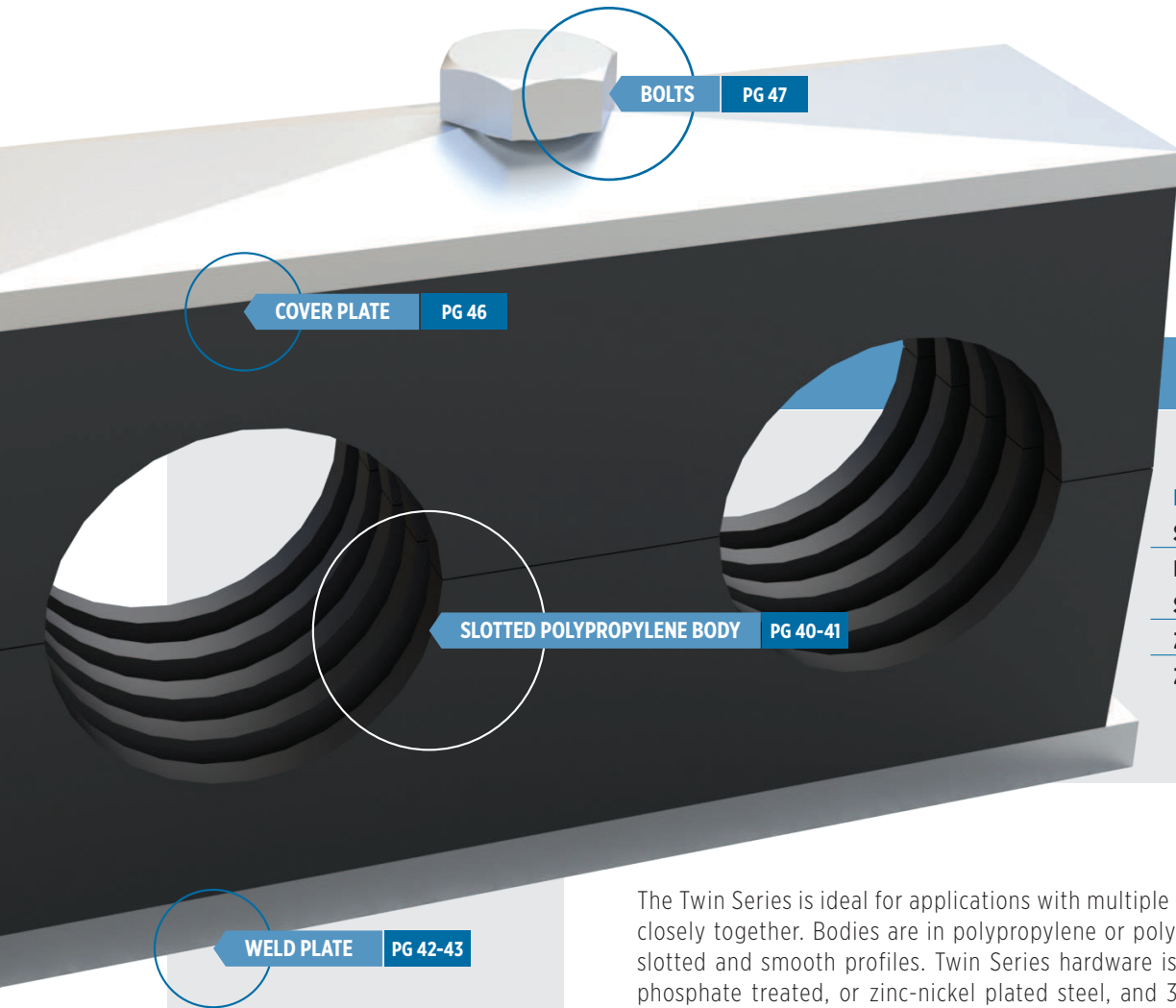
COMPLETE KIT

FOR PIPE APPLICATIONS

PART NO.	GROUP	NB* (in.)
CP-H3-04-CS-A	3	1/4
CP-H3-06-CS-A		3/8
CP-H4-08-CS-A	4	1/2
CP-H4-12-CS-A		3/4
CP-H5-16-CS-A	5	1
CP-H5-20-CS-A		1 1/4
CP-H6-24-CS-A	6	1 1/2
CP-H6-32-CS-A		2
CP-H7-40-CS-A	7	2 1/2
CP-H8-48-UN-A	8	3

- For alternate finishes/materials replace -CS/UN in the above part numbers with the following codes: -S4 304 stainless steel, -S6 316 stainless steel. Consult factory for availability.
- Nominal bore*

TWIN SERIES



COMPLETE CLAMP KIT

KIT CONTAINS:

- SLOTTED POLYPROPYLENE BODY
- PHOSPHATE TREATED CARBON
- STEEL WELD PLATE
- ZINC-NICKEL PLATED COVER PLATE
- ZINC-NICKEL PLATED BOLTS

The Twin Series is ideal for applications with multiple lines needing to be run closely together. Bodies are in polypropylene or polyamide and available in slotted and smooth profiles. Twin Series hardware is available in unplated, phosphate treated, or zinc-nickel plated steel, and 304/316 stainless steel. These choices allow you to select a configuration that is perfectly tailored to your application.

Brennan's Twin Series includes complete clamp kits (bodies plus hardware) and a full line of individual components, so you can assemble the configuration that best meets your needs.

Clamps are available in both imperial and metric sizes, according to groups. Please be sure to choose hardware and bodies from the same group for the best fit.



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