



FLEX-GEAR® CONSTANT TENSION

AVAILABLE IN STANDARD AND HEAVY DUTY


Flex-Gear® Constant Tension Clamps use a 300SS Belleville spring design which maintains constant tension on the connection, eliminating leak paths and making them an excellent choice for fluctuating temperature applications and thermal compensation.

The Flex-Gear® clamp is designed with a lined band, protecting the hose from shearing, extruding, or imprinting when the clamp is tightened.


STANDARD FLEX-GEAR®	Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal 43	Ideal 47
	10	9/16	1-1/16	14	27	43010	47010
	12	5/8	1-1/4	16	32	43012	47012
	16	13/16	1-1/2	21	38	43016	47016
	20	13/16	1-3/4	20	44	43020	47020
	24	1-1/16	2	27	51	43024	47024
	28	1-5/16	2-1/4	33	57	43028	47028
	32	1-9/16	2-1/2	40	63	43032	47032
	36	1-13/16	2-3/4	46	70	43036	47036
	40	2-1/16	3	52	76	43040	47040
44	2-5/16	3-1/4	59	82	43044	47044	
48	2-9/16	3-1/2	65	89	43048	47048	

HEAVY DUTY FLEX-GEAR®	Size	Min (in)	Max (in)	Min (mm)	Max (mm)	Ideal 41	Ideal 45
	175	1	1-3/4	25	45	41175	45175
	212	1-1/4	2-1/8	32	54	41200	45200
	262	1-3/4	2-5/8	45	67	41250	45250
	312	2-1/4	3-1/8	57	79	41300	45300
	362	2-3/4	3-5/8	70	92	41350	45350
	412	3-1/4	4-1/8	83	105	41400	45400
	462	3-3/4	4-5/8	95	117	41450	45450
	512	4-1/4	5-1/8	108	130	41500	45500
	562	4-3/4	5-5/8	121	143	41550	45550
	612	5-1/4	6-1/8	133	155	41600	45600
	662	5-3/4	6-5/8	146	168	41650	45650
	712	6-1/4	7-1/8	159	181	41700	45700
	762	6-3/4	7-5/8	172	193	41750	45750
	812	7-1/4	8-1/8	184	206	41800	45800
	862	7-3/4	8-5/8	197	219	41850	45850
	912	8-1/4	9-1/8	210	232	41900	45900

Ideal 43	Ideal 47
5/16" Hex Head	5/16" Hex Head
Plated Carbon Steel	410 Stainless
Housing	Housing
301 Stainless	301 Stainless
Spring	Spring
301 Stainless	301 Stainless
9/16" Lined Band	9/16" Lined Band
301 Stainless	301 Stainless



Ideal 43 Series



Ideal 47 Series

Ideal 41	Ideal 45
3/8" Hex Head	3/8" Hex Head
Plated Carbon Steel	410 Stainless
Housing	Housing
304 Stainless	304 Stainless
Spring	Spring
301 Stainless	301 Stainless
5/8" Lined Band	5/8" Lined Band
304 Stainless	304 Stainless



Ideal 41 Series



Ideal 45 Series

