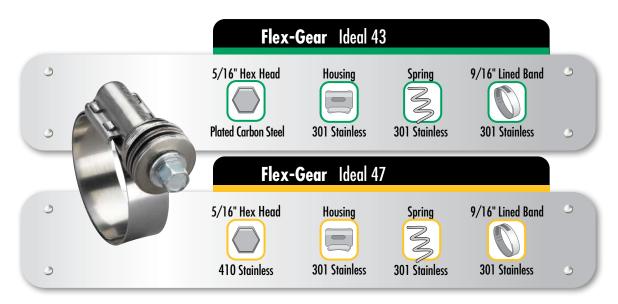
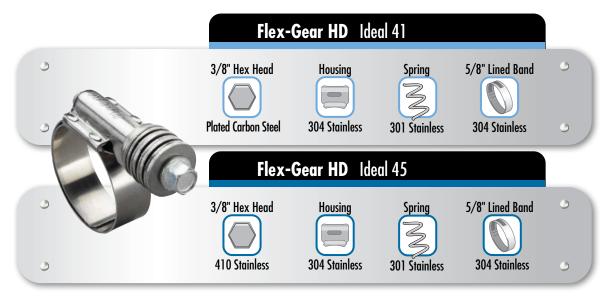
FLEX-GEAR® CONSTANT TENSION

Flex-Gear clamps use a Belleville spring design to eliminate "cold flow" leakage that adjusts with the hose and fitting to maintain constant tension on the connection, eliminating leak paths. Flex-Gear clamps are an excellent choice for fluctuating temperature applications and thermal compensation. **Features and Benefits:** Belleville spring and clamp construction is built to respond to constant temperature fluctuations. The larger, heavier-gauge, precision-formed springs provide higher rates of band tension and adjustment for a more dependable seal. Inner liner protects against shearing of the hose surfaces.





50 lbf-in (5.6 Nm) for most applications / Minimum destructive torque is 85 lbf-in (9.6 Nm)





75 lbf-in (8.5 Nm) for most applications /
Minimum destructive torque is 140 lbf-in (16 Nm)

FIND YOUR PART NUMBER

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	

FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	ldeal 41	ldeal 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	

^{*}Additional sizes available



DID YOU KNOW...

Ideal Tridon offers a next generation, lighter smart clamp that can be used instead of heavier Flex-Gear clamps? If weight savings and compact design are your key needs, review our lineup of SmartSeal clamps on page 8. SmartSeal clamps represent the pinnacle in joint sealing technology, and their ultra compact profile is perfect for high vibration and thermal cycling applications.