

Pinch Clamp - 2-Ear version: extended clamping range, **Compact one-piece clamp**: for robust, secure connections

Clamp ear: fast and simple installation, visible deformation provides evidence of proper closure.

Steel, 1.0338/SAE 1008/1010, Zinc-Plated, Stainless Material no. 1.4301/UNS S30400



Two Ear Pinch Clamp

01. 2-Ear design for increased clamping range.
02. Deformation of ears provides visual indication that clamp is closed.
03. Robust design for reliable and good, permanent sealing.
04. De-burred edges prevent damage to clamped parts.
05. Fast, simple and secure installation using the 1098 Plier.



Size Nominal In.	Clamp O.D. In.		Clamp O.D. mm		Steel Part # DIX-	SS 304 Part # DIX-	Bag Qty	Steel Part # FAI-
	From	To	From	To				
1/8"	0.122	0.161	3.10	4.10	0041	0041R	100	HC9-2
11/64"	0.138	0.177	3.50	4.50	0045	0045R	100	HC9-2-3/4
3/16	0.134	0.197	3.40	5.00	0305	0305R	100	HC9-3
1/4	0.197	0.276	5.00	7.00	0507	0507R	100	HC9-4
5/16	0.276	0.354	7.00	9.00	0709	0709R	100	HC9-5
3/8	0.319	0.433	8.10	11.00	0811	0811R	100	HC9-6
1/2	0.425	0.512	10.80	13.00	1113	1113R	100	HC9-8
9/16	0.492	0.591	12.50	15.00	1315	1315R	100	HC9-9
19/32	0.551	0.669	14.00	17.00	1517	1517R	100	HC9-9-1/2
5/8	0.591	0.709	15.00	18.00	1518	1518R	100	
5/8	0.630	0.748	16.00	19.00	1619		100	HC9-10
3/4	0.638	0.787	16.20	20.00	1720	1720R	100	HC9-12
13/16	0.709	0.866	18.00	22.00	1922	1922R	100	HC9-13
7/8	0.748	0.906	19.00	23.00	2023	2023R	100	HC9-14
15/16	0.827	0.984	21.00	25.00	2225	2225R	100	HC9-15
1	0.886	1.063	22.50	27.00	2327	2327R	100	HC9-16
1 1/16	0.945	1.102	24.00	28.00	2528	2528R	100	HC9-17
1 1/8	1.035	1.220	26.30	31.00	2731	2731R	100	HC9-18
1 21/64	1.154	1.339	29.30	34.00	3134	3134R	100	HC9-21
1 7/16	1.260	1.457	32.00	37.00	3437	3437R	100	HC9-23
1 1/2	1.378	1.575	35.00	40.00	3740	3740R	100	HC9-24
1 5/8	1.480	1.693	37.60	43.00	4043	4043R	100	HC9-26
1 3/4	1.598	1.811	40.60	46.00	4346	4346R	100	HC9-28



1098 Plier

Twin Pinch Clamp - Twin Clamps Closed Version - Twin Clamps are made as a complete unit, shaped from one piece

of cut tube. **Installation** : The closed twin clamps are placed in an axial direction over the objects, which are to be held parallel. They are then depressed slightly in the middle using 1098 pincers so that the clamp can no longer be moved laterally.

Steel, 1.0338/SAE 1008/1010, Zinc-Plated, **Stainless** Material no. 1.4301/UNS S30400

Size Nominal In.	Clamp O.D. In.		Clamp O.D. mm		Steel Part # DIX-	SS 304 Part # DIX-	Bag Qty	
	From	To	From	To				
3/16	0.158	0.197	4.0	5.0	0405/2	0405/2R	100	
1/4	0.236	0.276	6.0	7.0	0607/2	0607/2R	100	
5/16	0.315	0.354	8.0	9.0	0809/2	0809/2R	100	
3/8	0.394	0.433	10.0	11.0	1011/2	1011/2R	100	
1/2	0.472	0.512	12.0	13.0	1213/2	1213/2R	100	
9/16	0.551	0.591	14.0	15.0	1415/2	1415/2R	100	
19/32	0.630	0.669	16.0	17.0	1617/2	1617/2R	100	10800005
5/8	0.708	0.748	18.0	19.0	1819/2	1819/2R	100	
13/16	0.787	0.826	20.0	21.0	2021/2	2021/2R	100	
7/8	0.866	0.905	22.0	23.0	2223/2	2223/2R	100	



Twin Pinch Clamp

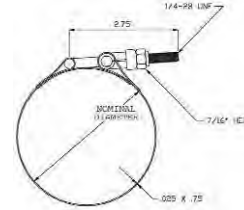


T Bolt Clamps



T-Bolt Clamps

- T-bolts 3/4" wide 300 series stainless steel band, .025" thick • Alloy steel bolt, torque rating 70 in/lbs
- T-bolts 3/4" wide 300 series stainless steel band, .025" thick • SS 300 Series bolt, torque rating 50 in/lbs



Size Nominal In.	Clamp O.D. In.		Clamp O.D. mm		Steel Part # DIX-	SS 304 Part # DIX-	Bag Qty	Fits Socket Size
	From	To	From	To				
	1.250	1.406	31.75	35.71	TBC131	STBC131	25	7/16" all Sizes
	1.344	1.562	34.14	39.67	TBC150	STBC150	25	
	1.474	1.692	37.44	42.98		STBC163	25	
	1.594	1.812	40.49	46.02	TBC175	STBC175	25	
	1.724	1.942	43.79	49.33	TBC188	STBC188	25	
	1.844	2.062	46.84	52.38	TBC200	STBC200	25	
	1.964	2.182	49.89	55.42		STBC212	25	
	2.094	2.312	53.19	58.73	TBC225	STBC225	25	
	2.224	2.442	56.49	62.03	TBC238	STBC238	25	
	2.344	2.562	59.54	65.08	TBC250	STBC250	25	
	2.326	2.622	59.08	66.60	TBC256	STBC256	25	
	2.396	2.692	60.86	68.38	TBC263	STBC263	25	
	2.516	2.812	63.91	71.43	TBC275	STBC275	25	
	2.646	2.942	67.21	74.73	TBC288	STBC288	25	
	2.766	3.062	70.26	77.78	TBC300	STBC300	25	
	2.886	3.182	73.30	80.82	TBC312	STBC312	25	
	3.016	3.312	76.61	84.13	TBC325	STBC325	25	
	3.266	3.562	82.96	90.48	TBC350	STBC350	25	
	3.386	3.682	86.00	93.52		STBC362	25	
	3.516	3.812	89.31	96.83	TBC375	STBC375	25	
	3.586	3.882	91.08	98.60	TBC382	STBC382	25	
	3.766	4.062	95.66	103.18	TBC400	STBC400	25	
	4.016	4.312	102.01	109.53	TBC425	STBC425	25	
	4.266	4.562	108.36	115.88	TBC450	STBC450	25	
	4.516	4.812	114.71	122.23	TBC475	STBC475	25	
	4.766	5.062	121.06	128.58	TBC500	STBC500	25	
	5.016	5.312	127.41	134.93	TBC525	STBC525	25	
	5.266	5.562	133.76	141.28	TBC550	STBC550	25	
	5.516	5.812	140.11	147.63	TBC575	STBC575	25	
	5.766	6.062	146.46	153.98	TBC600	STBC600	25	
	6.016	6.312	152.81	160.33	TBC625	STBC625	25	
	6.266	6.562	159.16	166.68	TBC650	STBC650	25	
	6.516	6.812	165.51	173.03	TBC675	STBC675	25	
	6.766	7.062	171.86	179.38	TBC700	STBC700	25	
	7.016	7.312	178.21	185.73		STBC725	25	
	7.266	7.562	184.56	192.08	TBC750	STBC750	25	
	7.766	8.062	197.26	204.78		STBC800	25	
	8.016	8.312	203.61	211.13		STBC825	25	
	8.266	8.562	209.96	217.48		STBC850	25	
	8.646	8.942	219.61	227.13		STBC888	10	
	8.766	9.062	222.66	230.18		STBC900	10	
	9.266	9.562	235.36	242.88		STBC950	10	
	9.766	10.062	248.06	255.58		STBC1000	10	
	10.646	10.942	270.41	277.93		STBC1088	10	
	11.766	12.062	298.86	306.38		STBC1200	10	
	12.646	12.942	321.21	328.73		STBC1288	10	

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Norwesco Industries (1983) Ltd. 6908L-6 Street Calgary Alberta T2H-2K4 Phone : 403-258-3883 / Fax : 403-259-5823	Norwesco Industries (1983) Ltd. 9510-39 Avenue Edmonton Alberta T6E-5T9 Phone : 780-437-5440 / Fax : 780-436-0203	Norwesco Industries (1983) Ltd. 291B MacAlpine Cres Ft. McMurray Ab. T9H-4Y4 Phone : 780-743-4446 / Fax : 780-791-5637
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Spiral Clamps - For use on convoluted cover hose.



Pacific Echo
Kana Flex use
clockwise clamps
Right Hand spiral *



Kuriyama convoluted
hose uses counter
clockwise clamps
Left Hand spiral *

Hose I.D. In.	Clamp O.D. In.		Clamp O.D. mm		Right Hand Part # DIX-	ASS-	Left Hand Part # DIX-
	From	To	From	To			
1 1/2	1.53	1.81	38.86	45.97	SC150	PLCR-1.5	SCCW150
2	2.28	2.50	57.91	63.50	SC200	PLCR-2	SCCW200
2 1/2	2.72	3.13	69.09	79.50	SC250	PLCR-2.5	SCCW250
3	3.00	3.50	76.20	88.90	SC300	PLCR-3	SCCW300
4	4.00	4.50	101.60	114.30	SC400	PLCR-4	SCCW400
5	5.09	5.50	129.29	139.70	SC500	PLCR-5	SCCW500
6	6.25	7.00	158.75	177.80	SC600	PLCR-6	SCCW600
8	8.50	9.25	215.90	234.95	SC800	PLCR-8	SCCW800
10	10.63	11.25	270.00	285.75	SC1000	PLCR-10	SCCW1000

* Goodyear uses both counter clockwise and clockwise.

Shielded Gear Clamps - For use on Soft Rubber Hoses : Silicone, General Purpose, Air, Auto Heater, Fuel or other soft Hoses where protection of the Hose Cover is required and to prevent the extrusion of the Hose through the Rack on the clamp. Flat inner band to reduce Cover Damage the notches on the Rack of the Clamp.



Shielded Style
Clamp



Non-Shielded
Style Clamp

Hose I.D. In.	Clamp O.D. In.		Clamp O.D. mm		Part # DIX-		
	From	To	From	To			
	0.63	0.81	15.90	20.60	ET-8		1/2" Band Width
	0.75	1.06	19.00	27.00	ET-10		
	0.88	1.31	22.20	33.30	ET-12		
	1.00	1.50	26.00	38.10	ET-16		
	1.38	1.81	35.00	46.00	ET-20		5/16" Carbon Steel Screw
	1.50	2.00	38.10	50.80	ET-24		
	1.75	2.25	44.50	57.20	ET-28		
	2.00	2.50	50.80	63.50	ET-32		
	1.81	2.75	46.00	69.90	ET-36		301 Stainless
	2.06	3.06	52.40	77.80	ET-40		
	2.31	3.25	58.70	82.60	ET-44		
	2.56	3.56	65.10	90.50	ET-48		
	3.13	4.06	79.40	103.20	ET-56		
	3.31	4.25	84.20	108.00	ET-60		

Gear Clamps



Gear Clamps

- HS material: band & housing: 201/301 Stainless • screw: SAE 1018 case-hardened steel, zinc plated.
- HSS material: band & housing: 201/301 Stainless screw: SAE 300 series stainless.
- Maximum recommended torque 50 in. lbs. - Fits Socket Size 7/16" all Sizes



Size Nominal In.	Clamp O.D. In.		Clamp O.D. mm		Steel Screw Part # DIX-	SS 304 Part # DIX-	Bag Qty
	From	To	From	To			
	0.44	0.78	11.11	19.84	HS6	HSS6	10
	0.50	0.91	12.70	23.02	HS8	HSS8	10
	0.56	1.06	14.29	26.99	HS10	HSS10	10
	0.69	1.25	17.46	31.75	HS12	HSS12	10
	0.81	1.50	20.64	38.10	HS16	HSS16	10
	0.81	1.75	20.64	44.45	HS20	HSS20	10
	1.06	2.00	26.99	50.80	HS24	HSS24	10
	1.31	2.25	33.34	57.15	HS28	HSS28	10
	1.56	2.50	39.69	63.50	HS32	HSS32	10
	1.81	2.75	46.04	69.85	HS36	HSS36	10
	2.06	3.00	52.39	76.20	HS40	HSS40	10
	2.31	3.25	58.74	82.55	HS44	HSS44	10
	2.56	3.50	65.09	88.90	HS48	HSS48	10
	2.81	3.75	71.44	95.25	HS52	HSS52	10
	3.06	4.00	77.79	101.60	HS56	HSS56	10
	3.31	4.25	84.14	107.95	HS60	HSS60	10
	3.56	4.50	90.49	114.30	HS64	HSS64	10
	1.88	5.00	47.63	127.00	HS72	HSS72	10
	2.50	5.50	63.50	139.70	HS80	HSS80	10
	3.13	6.00	79.38	152.40	HS88	HSS88	10
	3.63	6.50	92.08	165.10	HS96	HSS96	10
	4.13	7.00	104.78	177.80	HS104	HSS104	10
	5.63	8.50	142.88	215.90	HS128	HSS128	10
	7.13	10.00	180.98	254.00	HS152	HSS152	10
	9.38	12.25	238.13	311.15	HS188	HSS188	10
	10.13	13.00	257.18	330.20	HS200	HSS200	10
	10.88	13.75	276.23	349.25	HS212	HSS212	10
	11.63	14.50	295.28	368.30	HS224	HSS224	10
	12.38	15.25	314.33	387.35	HS236	HSS236	10
	13.13	16.00	333.38	406.40	HS248	HSS248	10
	17.13	20.002	434.98	508.00	HS312	HSS312	10

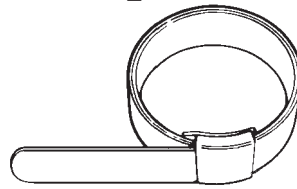
Gear Clamps Mini

- HS material: band & housing: 201/301 Stainless • screw: SAE 1018 case-hardened steel, zinc plated.
- HSS material: band & housing: 201/301 Stainless screw: SAE 300 series stainless.
- maximum recommended torque 15 in. lbs. - 5/16" Band Width 1/4" Screw



Hose I.D. In.	Clamp O.D. In.		Clamp O.D. mm		Steel Screw Part # DIX-	SS 304 Part # DIX-
	From	To	From	To		
	0.22	0.63	5.56	15.88	MH4	MAH4
	0.44	0.78	11.11	19.84	MH6	MAH6
	0.50	0.91	12.70	23.02	MH8	MAH8
	0.56	1.06	14.29	26.99	MH10	MAH10
	0.69	1.25	17.46	31.75	MH12	MAH12
	0.94	1.50	23.81	38.10	MH16	MAH16
	1.19	1.75	30.16	44.45	MH20	MAH20

Punch-Lok Clamps - P Series Galvanized Carbon Steel - P_S Series 201 Stainless Steel



Size Nominal In.	Clamp O.D. In.	Band Width In.	Clamp O.D. mm	Band Width Imm	Steel Part # PUN-	SS 201 Part # PUN-	Open-End Steel	Open-End SS201	Box Qty
13/16"	0.81	3/8"	20.64	9.53	P-3	P-3-S	PO-3	PO-3-S	100
1"	1.00	3/8"	25.40	9.53	P-310	P-310-S	---	---	100
1-3/8"	1.38	3/8"	34.93	9.53	P-311	P-311-S	PO-311	PO-311-S	100
2"	2.00	3/8"	50.80	9.53	P-316	P-316-S	PO-316	PO-316-S	100
1"	1.00	5/8"	25.40	15.88	P-4	P-4-S	---	---	100
1-1/4"	1.25	5/8"	31.75	15.88	P-5	P-5-S	---	---	100
1-1/2"	1.50	5/8"	38.10	15.88	P-6	P-6-S	---	---	100
1-3/4"	1.75	5/8"	44.45	15.88	P-7	P-7-S	---	---	100
2"	2.00	5/8"	50.80	15.88	P-8	P-8-S	PO-8	PO-8-S	100
2-1/4"	2.25	5/8"	57.15	15.88	P-9	P-9-S	---	---	100
2-1/2"	2.50	5/8"	63.50	15.88	P-10	P-10-S	PO-10	PO-10-S	50
2-3/4"	2.75	5/8"	69.85	15.88	P-11	P-11-S	---	---	50
3"	3.00	5/8"	76.20	15.88	P-12	P-12-S	PO-12	PO-12-S	50
3-1/2"	3.50	5/8"	88.90	15.88	P-14	P-14-S	PO-14	PO-14-S	50
4"	4.00	5/8"	101.60	15.88	P-16	P-16-S	PO-16	PO-16-S	25
4-1/2"	4.50	5/8"	114.30	15.88	P-18	P-18-S	PO-18	PO-18-S	25
5"	5.00	5/8"	127.00	15.88	P-20	P-20-S	PO-20	PO-20-S	25
6"	6.00	5/8"	152.40	15.88	P-24	P-24-S	PO-24	PO-24-S	25
6-1/2"	6.50	5/8"	165.10	15.88	P-26	P-26-S	---	---	50
7"	7.00	5/8"	177.80	15.88	P-28	P-28-S	PO-28	PO-28-S	50
8"	8.00	5/8"	203.20	15.88	P-32	P-32-S	PO-32	PO-32-S	50
9"	9.00	5/8"	228.60	15.88	---	---	PO-36	PO-36-S	25
10"	10.00	5/8"	254.00	15.88	---	---	PO-40	PO-40-S	25
12"	12.00	5/8"	304.80	15.88	---	---	PO-48	PO-48-S	25



PUN-P-1000 Clamping Tool
 Forged double plated tensioning tool with built in cutter for banding & buckle application. Also can be used with PJ-001 for J-Lok clamp installation.



D-225-A Mallet
 Specially designed for the punch-type clamps. Malleable iron head has softer striking surface for long tool life



D-229™ Clamp Adapter
 Fits under the pusher nose of P-1000 loking tool to apply 3/8" punch-type clamps.



Tension Air TA-3 Production Hose Clamping Machine
 Totally automatic. No manual punching or bending required. No faster machine available for production clamping. Only requires one man and three seconds to operate.



P-38™ Clamp Master Tool Set
 The original, handy, low cost tool set for applying punch-type clamps. Weighs less than one pound. Excellent for confined working areas & for on-job repair & replacement work. Fits 3/8" and 5/8" wide clamps. Double plated construction.