COMPONENTES PARA ELEVADORES

BANDA DE CANGILONES

Catálogo técnico de productos y accesorios



CANGILONES DE NYLON



CANGILONES DE HIERRO DÚCTIL

SELECCIÓN Y ESPECIFICACIONES

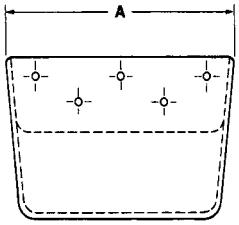
Pernos para elevadores en pulgadas

Tuercas, arandelas y accesorios

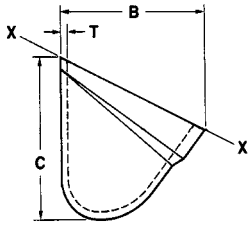
Formato de medidas de banda y cangilones

CANGILONES DE **NYLON** SUPER FUERTES PARA ELEVADORES

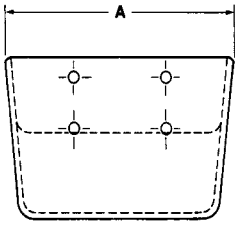




Vista Posterior



Vista Lateral



Vista Posterior

CANGILONES TIPO AA

TAMAÑO (Nominal) Milímetros	TAMAÑO (Nominal) Pulgadas	DIMENSIONES REALES (PULGADAS) TOLERANCIA A, B Y C ± 1/4" T ± 1/32"				Perforaciones Estándar (Pulgadas) Agujeros Perforados 1/32" mas grandes					Capacidad ① Tolerancia ± 3%				Peso Aprox. (Libras)
											Bruta X-X		Utilizable		
		Largo A	Proy. B	Prof. C	Espesor T	Centro a Centro E	Nº. Aguj.	Diámetro de Perno	Dist. Abajo Del Borde	Dist. Entre Filas	Pulg. Cúb.	Pie Cúb.	Pulg. Cúb.	Pie Cúb.	
120-70	4 X 2-3/4	4-1/4	3	3-1/8	3/16	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	0.24
140- 90	5 X 3-1/2	5-3/8	3-3/4	3-3/4	1/4	3-3/16	2	1/4	1	--	30.2	.017	22.6	.013	0.44
160-120	6 X 4	6-3/8	4-1/4	4-1/2	1/4	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	0.60
180-120	7 X 4-1/2	7-3/8	4-3/4	5	1/4	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	0.83
200-140	8 X 5	8-3/8	5-1/4	5-1/2	1/4	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	1.16
260-160	10 X 6	10-1/2	6-1/2	6-5/8	1/4	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	1.72
300-180	12 X 7	12-1/2	7-5/8	7-3/4	3/8	4-1/2	5	5/16	7/8	1	319.6	.185	239.7	.139	2.69
350-180	14 X 7	14-1/2	7-5/8	7-3/4	3/8	4	7	5/16	7/8	1	385.4	.223	289.1	.167	3.05
350-215	14 X 8	14-1/2	8-7/8	8-3/4	1/2	4	7	5/16	7/8	1	494.6	.286	371.0	.215	4.30
400-215	16 X 8	16-1/2	8-7/8	8-3/4	1/2	4-1/2	7	5/16	7/8	1	576.4	.334	432.3	.251	4.89
450-215	18 X 8	18-1/2	8-7/8	8-3/4	1/2	5	7	5/16	7/8	1	653.9	.378	490.4	.284	5.46
450-260	18 X 10	18-1/2	10-3/4	10-3/4	1/2	5	7	5/16	7/8	1	1001.1	.579	750.8	.434	7.97

1 Capacidad utilizable de referencia: capacidad bruta × 0,75.

TEMPERATURA
-40 °F a +275 °F / -40 °C a +135 °C.

INFLAMABILIDAD
Nylon modificado para alto impacto, descrito como de combustión lenta. El producto tóxico primario de su combustión es monóxido de carbono.

PERFORACIONES Y VENTILACIÓN
Perforaciones para correa o cadena. Especificar patrones especiales y ventilación al solicitar cotización.

CAPACIDAD Y ESPACIADO
Capacidad utilizable: 75% de la capacidad bruta. Espaciado normal: proyección nominal + 4 pulgadas; puede variar según la aplicación.

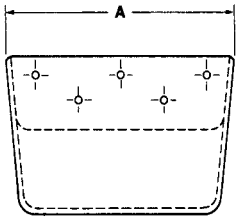
INTERCAMBIABILIDAD E INSTALACIÓN
Pueden intercalarse con cangilones metálicos y no metálicos. Verificar el balance del elevador y las holguras respecto a su carcasa.
Para poleas de 6 pulgadas o más: pernos con uñas y tuercas de seguridad con inserto de nylon. Para poleas menores a 6 pulgadas: pernos No. 3, tipo Eclipse, de cabeza ranurada. Colocar arandelas planas de acero dentro del cangilón, debajo de las tuercas.

APLICACIONES
Arena de fundición, grava, carbón, fertilizantes, arcilla, sal y otros materiales industriales.

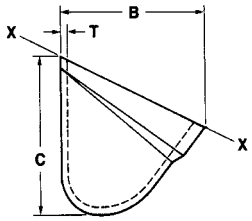
USO ALIMENTARIO
El nylon modificado descrito no cumple los requisitos de aprobación de la FDA indicados en la documentación de origen.

CANGILONES DE **HIERRO** DUCTIL PARA ELEVADORES

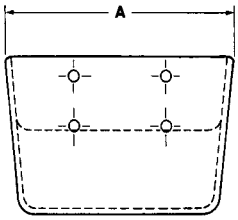




Vista Posterior



Vista Lateral



Vista Posterior

CANGILONES TIPO AA

TAMAÑO (Nominal) Milímetros	TAMAÑO (Nominal) Pulgadas	DIMENSIONES REALES (PULGADAS) TOLERANCIA A, B Y C ± 1/4" T ± 1/32"				Perforaciones Estándar (Pulgadas) Agujeros Perforados 1/32" mas grandes					Capacidad ① Tolerancia ± 3%				Peso Aprox. (Libras)
		Largo A	Proy. B	Prof. C	Espesor T	Centro a Centro E	Nº. Aguj.	Diámetro de Perno	Dist. Abajo Del Borde	Dist. Entre Filas	Bruta X-X		Utilizable		
											Pulg. Cúb.	Pie Cúb.	Pulg. Cúb.	Pie Cúb.	
120-70	4 X 2-3/4	4	2-15/16	3	5/32	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	1.5
140-90	5 X 3-1/2	5	3-11/16	3-3/4	11/64	3-3/16	2	1/4	1	--	30.2	.017	22.6	.013	2.4
160-120	6 X 4	6	4-3/16	4-1/4	3/16	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	3.3
180-120	7 X 4-1/2	7	4-11/16	4-3/4	3/16	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	5.1
200-140	8 X 5	8	5-1/4	5-1/2	3/16	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	6.3
300-140	12 X 5	12	5-1/4	5-1/2	13/64	4-1/2	5	*5/16	7/8	1	166.9	.096	125.2	.072	8.7
370-140	15 X 5	15	5-1/4	5-1/2	7/32	4	7	5/16	7/8	1	209.9	.122	157.4	.092	11.6
480-140	19 X 5	19	5-1/4	5-1/2	7/32	4	9	5/16	7/8	1	276.4	.160	207.3	.120	15.3
230-160	9 X 6	9	6-1/4	6-1/4	13/64	3	5	*1/4	7/8	1	159.9	.093	119.9	.070	8.9
260-160	10 X 6	10	6-1/4	6-1/4	13/64	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	10.6
280-160	11 X 6	11	6-1/4	6-1/4	7/32	4	5	*5/16	7/8	1	221.8	.128	166.4	.096	10.9
300-160	12 X 6	12	6-1/4	6-1/4	7/32	4-1/2	5	*5/16	7/8	1	233.1	.135	174.8	.101	11.3
300-180	12 X 7	12	7-5/16	7-1/4	1/4	4-1/2	5	*5/16	7/8	1	319.6	.185	239.7	.139	13.8
◆ 300-180	12 X 7 *HD*	12	7-5/16	7-1/4	5/16	4-1/2	5	*5/16	7/8	1	319.6	.185	239.7	.139	16.5
350-180	14 X 7	14	7-5/16	7-1/4	1/4	4	7	5/16	7/8	1	385.4	.223	289.1	.167	18.1
370-180	15 X 7	15	7-5/16	7-1/4	1/4	4	7	5/16	7/8	1	401.5	.232	301.1	.174	19.2
400-180	16 X 7	16	7-5/16	7-1/4	1/4	4-1/2	7	5/16	7/8	1	428.1	.248	321.1	.186	19.9
350-215	14 X 8	14	8-7/16	8-1/2	19/64	4	7	5/16	7/8	1	494.6	.286	371.0	.215	25.4
400-215	16 X 8	16	8-7/16	8-1/2	19/64	4-1/2	7	5/16	7/8	1	576.4	.334	432.3	.251	26.3
450-215	18 X 8	18	8-7/16	8-1/2	21/64	5	7	5/16	7/8	1	653.9	.378	490.4	.284	33.7
500-215	20 X 8	20	8-7/16	8-1/2	21/64	4	9	5/16	7/8	1	757.3	.438	568.0	.329	34.6
600-215	24 X 8	24	8-7/16	8-1/2	11/32	5	9	5/16	7/8	1	901.7	.522	676.3	.392	47.0
450-260	18 X 10	18	10-9/16	10-1/2	11/32	5	7	5/16	7/8	1	1001.1	.579	750.8	.434	43.6

◆ El cangilón HD tiene un borde frontal reforzado para aplicaciones severas.

1 Capacidad utilizable de referencia: capacidad bruta × 0,75.

COMPARACION ENTRE HIERRO DUCTIL Y OTROS METALES

Características	Hierro Ductil	Hierro Maleable	Hierro Gris	Acero Fundido 0,3% C
Resistencia al Desgaste	A	C	B	D
Resistencia al Impacto	B	C	D	A
Resistencia a la Corrosión	A	B	A	D
Relación Resistencia/Peso	A	C	D	B
Módulo de Elasticidad	A	B	C	A
Amortiguación de Vibraciones	B	B	A	D
Capacidad de la Superficie para Endurecerse	A	A	A	C
Capacidad para Fundirse	A	B	A	D

MEJOR | **A** | **B** | **C** | **D** | **PEOR**

EN GENERAL, EL HIERRO DUCTIL TIENE MAYOR

- ELASTICIDAD
- RESISTENCIA AL IMPACTO
- RESISTENCIA A LA CORROSION
- RELACION PESO/RESISTENCIA
- RESISTENCIA A LA ABRASION
- DUREZA BRINELL

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GRADE 2 ELEVATOR BOLTS*
"Inch Series"

NO. 1 NORWAY FLAT COUNTERSUNK HEAD

STEEL▲ | ZINC | STAINLESS◆

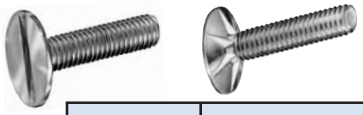


SIZE (Nominal) Inches	Head Diameter	Packaged-with Finished Hex Nuts Weight In Pounds			
		Quantity/ Box	Weight/ Box	Boxes/ Full Case	Weight/ Full Case
1/4 - 20 x 3/4	31/32"	100	2.8	21(2100 pcs.)	61
1/4 - 20 x 1	31/32"	100	3.3	21(2100 pcs.)	71
1/4 - 20 x 1-1/4	31/32"	100	3.4	21(2100 pcs.)	72
1/4 - 20 x 1-1/2	31/32"	100	3.8	21(2100 pcs.)	81
1/4 - 20 x 1-3/4	31/32"	100	3.9	21(2100 pcs.)	83
1/4 - 20 x 2	31/32"	100	4.1	12(1200 pcs.)	51
1/4 - 20 x 2-1/4	31/32"	100	4.4	12(1200 pcs.)	54
1/4 - 20 x 2-1/2	31/32"	100	4.7	12(1200 pcs.)	58
1/4 - 20 x 2-3/4	31/32"	100	4.9	12(1200 pcs.)	61
1/4 - 20 x 3	31/32"	100	5.7	12(1200 pcs.)	70
5/16 - 18 x 3/4	1-3/16"	100	4.8	21(2100 pcs.)	103
5/16 - 18 x 1	1-3/16"	100	5.3	21(2100 pcs.)	113
5/16 - 18 x 1-1/4	1-3/16"	100	5.7	12(1200 pcs.)	70
5/16 - 18 x 1-1/2	1-3/16"	100	6.1	12(1200 pcs.)	75
5/16 - 18 x 1-3/4	1-3/16"	100	6.8	12(1200 pcs.)	83
5/16 - 18 x 2	1-3/16"	100	7.2	12(1200 pcs.)	88
5/16 - 18 x 2-1/4	1-3/16"	100	7.9	12(1200 pcs.)	96
5/16 - 18 x 2-1/2	1-3/16"	100	8.4	12(1200 pcs.)	102
5/16 - 18 x 2-3/4	1-3/16"	100	8.6	12(1200 pcs.)	105
5/16 - 18 x 3	1-3/16"	100	8.8	12(1200 pcs.)	108
3/8 - 16 x 1	1-5/16"	50	3.9	21(1050 pcs.)	83
3/8 - 16 x 1-1/4	1-5/16"	50	4.0	21(1050 pcs.)	86
3/8 - 16 x 1-1/2	1-5/16"	50	4.4	21(1050 pcs.)	94
3/8 - 16 x 1-3/4	1-5/16"	50	4.7	21(1050 pcs.)	100
3/8 - 16 x 2	1-5/16"	50	5.0	12(600 pcs.)	62
3/8 - 16 x 2-1/4	1-5/16"	50	5.5	12(600 pcs.)	68
3/8 - 16 x 2-1/2	1-5/16"	50	5.7	12(600 pcs.)	71
3/8 - 16 x 2-3/4	1-5/16"	50	6.1	12(600 pcs.)	73
3/8 - 16 x 3	1-5/16"	50	6.5	12(600 pcs.)	78
3/8 - 16 x 3-1/2	1-5/16"	50	7.1	12(600 pcs.)	87
1/2 - 13 x 1-1/2	1-9/16"	25	4.6	21(525 pcs.)	97
1/2 - 13 x 1-3/4	1-9/16"	25	4.8	21(525 pcs)	101
1/2 - 13 x 2	1-9/16"	25	5.0	21(525 pcs.)	106
1/2 - 13 x 2-1/2	1-9/16"	25	5.5	12(300 pcs.)	68
1/2 - 13 x 3	1-9/16"	25	6.1	12(300 pcs.)	75

SIZE (Nominal) Inches	Bulk-Bolt Only Weight In Pounds	
	Quantity/ 1/4 Keg	Weight/ 1/4 Keg
1/4 - 20 x 3/4	1800	37
1/4 - 20 x 1	1500	38
1/4 - 20 x 1-1/4	1300	34
1/4 - 20 x 1-1/2	1100	33
1/4 - 20 x 1-3/4	900	28
1/4 - 20 x 2	800	27
1/4 - 20 x 2-1/4	700	25
1/4 - 20 x 2-1/2	600	24
1/4 - 20 x 2-3/4	500	21
1/4 - 20 x 3	500	25
5/16 - 18 x 3/4	1000	37
5/16 - 18 x 1	900	37
5/16 - 18 x 1-1/4	800	35
5/16 - 18 x 1-1/2	700	35
5/16 - 18 x 1-3/4	600	34
5/16 - 18 x 2	500	31
5/16 - 18 x 2-1/4	500	34
5/16 - 18 x 2-1/2	400	29
5/16 - 18 x 2-3/4	400	30
5/16 - 18 x 3	300	24
3/8 - 16 x 1	700	42
3/8 - 16 x 1-1/4	600	38
3/8 - 16 x 1-1/2	500	35
3/8 - 16 x 1-3/4	450	34
3/8 - 16 x 2	400	33
3/8 - 16 x 2-1/4	350	33
3/8 - 16 x 2-1/2	300	29
3/8 - 16 x 2-3/4	300	33
3/8 - 16 x 3	250	31
3/8 - 16 x 3-1/2	225	29
1/2 - 13 x 1-1/2	350	49
1/2 - 13 x 1-3/4	300	45
1/2 - 13 x 2	250	40
1/2 - 13 x 2-1/2	200	37
1/2 - 13 x 3	150	31

NO. 3 ECLIPSE SLOTTED HEAD

STEEL▲ | ZINC | STAINLESS◆



SIZE (Nominal) Inches	Head Diameter	Packaged-with Finished Hex Nuts Weight In Pounds			
		Quantity/ Box	Weight/ Box	Boxes/ Full Case	Weight/ Full Case
1/4 - 20 x 3/4	23/32"	100	2.5	21(2100 pcs.)	55
1/4 - 20 x 1	23/32"	100	2.9	21(2100 pcs.)	63
1/4 - 20 x 1-1/4	23/32"	100	3.3	21(2100 pcs.)	70
1/4 - 20 x 1-1/2	23/32"	100	3.7	21(2100 pcs.)	78
5/16 - 18 x 1	7/8"	100	4.0	21(2100 pcs.)	86
5/16 - 18 x 1-1/4	7/8"	100	4.5	12(1200 pcs.)	55
5/16 - 18 x 1-1/2	7/8"	100	4.9	12(1200 pcs.)	60

SIZE (Nominal) Inches	Bulk-Bolt Only Weight In Pounds	
	Quantity/ 1/4 Keg	Weight/ 1/4 Keg
1/4 - 20 x 3/4	1800	32
1/4 - 20 x 1	1500	33
1/4 - 20 x 1-1/4	1300	33
1/4 - 20 x 1-1/2	1100	42
5/16 - 18 x 1	900	26
5/16 - 18 x 1-1/4	800	27
5/16 - 18 x 1-1/2	700	27

◆ Available in 302 (18-8) Stainless Steel. Stainless steel bolts meet ASTM F593 alloy group 1, CW Designation (exceeds Grade 2 specs.)

▲ All steel bolts have a "black oil" finish. All sizes available in Zinc Plated.

* All carbon steel and zinc plated bolts meet SAE J429 Grade 2 Designation.

GRADE 2 ELEVATOR BOLTS*
"Inch Series"

FANGED**

STEEL▲ | ZINC | STAINLESS◆

SIZE (Nominal) Inches	Head Diameter	Packaged-with Finished Hex Nuts Weight In Pounds				
		Fang Length	Quantity/ Box	Weight/ Box	Boxes/ Full Case	Weight/ Full Case
1/4 - 20 x 3/4	31/32"	7/32"	100	3.5	21(2100 pcs.)	78
1/4 - 20 x 1	31/32"	7/32"	100	3.7	21(2100 pcs.)	81
1/4 - 20 x 1-1/4	31/32"	7/32"	100	4.0	21(2100 pcs.)	86
1/4 - 20 x 1-1/2	31/32"	7/32"	100	4.2	21(2100 pcs.)	91
1/4 - 20 x 1-3/4	31/32"	7/32"	100	4.6	21(2100 pcs.)	100
1/4 - 20 x 2	31/32"	7/32"	100	4.7	12(1200 pcs.)	60
1/4 - 20 x 2-1/4	31/32"	7/32"	100	4.9	12(1200 pcs.)	63
1/4 - 20 x 2-1/2	31/32"	7/32"	100	5.1	12(1200 pcs.)	66
5/16 - 18 x 1	1-3/16"	7/32"	100	5.9	21(2100 pcs.)	126
5/16 - 18 x 1-1/4	1-3/16"	7/32"	100	7.0	12(1200 pcs.)	86
5/16 - 18 x 1-1/2	1-3/16"	7/32"	100	7.2	12(1200 pcs.)	90
5/16 - 18 x 1-3/4	1-3/16"	7/32"	100	7.3	12(1200 pcs.)	92
5/16 - 18 x 2	1-3/16"	7/32"	100	7.7	12(1200 pcs.)	95
5/16 - 18 x 2-1/4	1-3/16"	7/32"	100	8.7	12(1200 pcs.)	108
5/16 - 18 x 2-1/2	1-3/16"	7/32"	100	9.1	12(1200 pcs.)	111
3/8 - 16 x 1-1/4	1-5/16"	9/32"	50	4.3	21(1050 pcs.)	92
3/8 - 16 x 1-1/2	1-5/16"	9/32"	50	4.6	21(1050 pcs.)	98
3/8 - 16 x 1-3/4	1-5/16"	9/32"	50	4.7	21(1050 pcs.)	100
3/8 - 16 x 2	1-5/16"	9/32"	50	5.2	12(600 pcs.)	65
3/8 - 16 x 2-1/4	1-5/16"	9/32"	50	5.4	12(600 pcs.)	67
3/8 - 16 x 2-1/2	1-5/16"	9/32"	50	5.7	12(600 pcs.)	71
■ 3/8 - 16 x 3	1-5/16"	9/32"	50	7.0	12(600 pcs.)	85

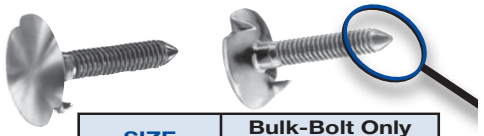


SIZE (Nominal) Inches	Bulk-Bolt Only Weight In Pounds	
	Quantity/ 1/4 Keg	Weight/ 1/4 Keg
1/4 - 20 x 3/4	1800	50
1/4 - 20 x 1	1500	44
1/4 - 20 x 1-1/4	1300	42
1/4 - 20 x 1-1/2	1100	38
1/4 - 20 x 1-3/4	900	34
1/4 - 20 x 2	800	31
1/4 - 20 x 2-1/4	700	28
1/4 - 20 x 2-1/2	600	25
5/16 - 18 x 1	900	42
5/16 - 18 x 1-1/4	800	46
5/16 - 18 x 1-1/2	700	43
5/16 - 18 x 1-3/4	600	36
5/16 - 18 x 2	500	32
5/16 - 18 x 2-1/4	500	37
5/16 - 18 x 2-1/2	400	31
3/8 - 16 x 1-1/4	600	41
3/8 - 16 x 1-1/2	500	37
3/8 - 16 x 1-3/4	450	34
3/8 - 16 x 2	400	35
3/8 - 16 x 2-1/4	350	38
3/8 - 16 x 2-1/2	300	29
3/8 - 16 x 3	250	31

POINTED END FANGED**

STEEL▲ | ZINC | STAINLESS◆

SIZE (Nominal) Inches	Head Diameter	Packaged-with Finished Hex Nuts Weight In Pounds				
		Fang Length	Quantity/ Box	Weight/ Box	Boxes/ Full Case	Weight/ Full Case
1/4 - 20 x 3/4	31/32"	7/32"	100	3.6	12(1200 pcs.)	45
1/4 - 20 x 1	31/32"	7/32"	100	3.8	12(1200 pcs.)	47
1/4 - 20 x 1-1/4	31/32"	7/32"	100	4.1	12(1200 pcs.)	52
1/4 - 20 x 1-1/2	31/32"	7/32"	100	4.3	12(1200 pcs.)	54
■ 1/4 - 20 x 1-3/4	31/32"	7/32"	100	4.7	12(1200 pcs.)	57
■ 1/4 - 20 x 2	31/32"	7/32"	100	4.8	12(1200 pcs.)	58
5/16 - 18 x 1	1-3/16"	7/32"	100	6.0	12(1200 pcs.)	74
5/16 - 18 x 1-1/4	1-3/16"	7/32"	100	7.1	12(1200 pcs.)	87
5/16 - 18 x 1-1/2	1-3/16"	7/32"	100	7.2	12(1200 pcs.)	91
5/16 - 18 x 1-3/4	1-3/16"	7/32"	100	7.3	12(1200 pcs.)	92
5/16 - 18 x 2	1-3/16"	7/32"	100	7.8	12(1200 pcs.)	96
■ 3/8 - 16 x 1-1/4	1-5/16"	9/32"	50	4.3	21(1050 pcs.)	92
■ 3/8 - 16 x 1-1/2	1-5/16"	9/32"	50	4.6	21(1050 pcs.)	98
■ 3/8 - 16 x 1-3/4	1-5/16"	9/32"	50	4.7	21(1050 pcs.)	100
■ 3/8 - 16 x 2	1-5/16"	9/32"	50	5.2	12(600 pcs.)	65
■ 3/8 - 16 x 2-1/4	1-5/16"	9/32"	50	5.4	12(600 pcs.)	67
■ 3/8 - 16 x 2-1/2	1-5/16"	9/32"	50	5.7	12(600 pcs.)	71
■ 3/8 - 16 x 3	1-5/16"	9/32"	50	7.0	12(600 pcs.)	85



SIZE (Nominal) Inches	Bulk-Bolt Only Weight In Pounds	
	Quantity/ 1/4 Keg	Weight/ 1/4 Keg
1/4 - 20 x 3/4	1800	35
1/4 - 20 x 1	1500	43
1/4 - 20 x 1-1/4	1300	42
1/4 - 20 x 1-1/2	1100	43
1/4 - 20 x 1-3/4	900	44
1/4 - 20 x 2	800	40
5/16 - 18 x 1	900	38
5/16 - 18 x 1-1/4	800	38
5/16 - 18 x 1-1/2	700	35
5/16 - 18 x 1-3/4	600	36
5/16 - 18 x 2	500	34
3/8 - 16 x 1-1/4	600	41
3/8 - 16 x 1-1/2	500	37
3/8 - 16 x 1-3/4	450	34
3/8 - 16 x 2	400	35
3/8 - 16 x 2-1/4	350	38
3/8 - 16 x 2-1/2	300	29
3/8 - 16 x 3	250	31

Installation Note: Insert fanged bolts in holes with fangs in line across the width of belt.

◆ Available in 302 (18-8) Stainless Steel. Stainless steel bolts meet ASTM F593 alloy group 1, CW Designation (exceeds Grade 2 specs.)

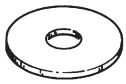
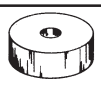
▲ All steel bolts have a "black oil" finish. * All carbon steel and zinc plated bolts meet SAE J429 Grade 2 Designation.

■ Carbon steel version stocked in zinc plate only. ** Manufactured under the following Patents: U.S. 3,712,357 Canada 966,338

NUTS "Inch Series"

	Size Inches	Dimension (Inches) Max. Width Across Flat	Max. Flange Diameter	Max. Thickness	Pkg. Qty.	Pkg. Wgt. (Pounds)
 ◆Hex Nut	1/4-20	0.438		0.226	100	0.7
	5/16-18	0.500		0.273	100	1.1
	3/8-16	0.562		0.337	50	0.8
	1/2-13	0.750		0.448	25	0.9
 Serrated Lock Nut	1/4-20	0.438		0.226	100	0.7
	5/16-18	0.500		0.273	100	1.1
	3/8-16	0.562		0.337	50	0.8
 ◆ Flange Serrated Lock Nut	1/4-20	0.438	0.594	0.236	100	0.9
	5/16-18	0.500	0.680	0.283	100	1.2
	3/8-16	0.562	0.750	0.347	50	0.9
 Large Flange Serrated Lock Nut	1/4-20	0.438	0.728	0.312	100	1.2
	5/16-18	0.500	0.820	0.375	100	2.3
	3/8-16	0.562	0.915	0.406	50	1.4
 ◆ Nylon Insert Lock Nut	1/4-20	0.438		0.312	100	0.8
	5/16-18	0.500		0.344	100	1.1
	3/8-16	0.562		0.453	50	0.9
	1/2-13	0.752		0.609	25	1.1

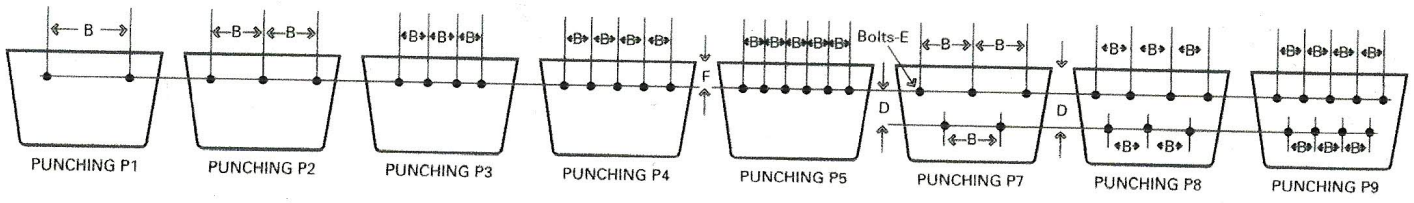
WASHERS "Inch Series"

	Size (ID) Inches	Dimension (Inches) O.D.	Thickness	Pkg. Qty.	Pkg. Wgt. (Pounds)
 ◆ Flat	1/4	0.734	0.065	100	0.7
	5/16	0.875	0.083	100	1.1
	3/8	1.000	0.083	50	0.8
	1/2	1.375	0.109	25	1.0
 ◆ Split Ring Lock	1/4	0.489	0.078	100	0.2
	5/16	0.586	0.093	100	0.4
	3/8	0.683	0.125	50	0.3
	1/2	0.737	0.172	25	0.3
 Internal Tooth Lock	1/4	0.478	0.028	100	0.7
	5/16	0.610	0.034	100	0.1
	3/8	0.692	0.040	50	0.1
 ◆ Fender	1/4	1.000	0.078	100	1.3
	5/16	1.250	0.078	100	2.0
	3/8	1.500	0.078	50	1.5
 1/4" Thick Polyethylene Spacer	1/4	1.25	0.250	100	0.7
	5/16	1.25	0.250	100	0.7
 1/2" Thick Polyethylene Spacer	1/4	1.25	0.500	100	1.3
	5/16	1.25	0.500	100	1.3
 Leather (1/8 Thick)	1/4	1.000	0.125	100	0.3
	5/16	1.000	0.125	100	0.2
	3/8	1.000	0.125	50	0.2

◆ Available in 302 (18-8) Stainless Steel - All nuts and metal washers are Zinc Plated

PATRONES DE BARRENOS

Cangilones para montaje en banda



TYPES HF, HFO, MF AND LF CONTINUOUS ELEVATOR BUCKETS

Bucket Size, Inches			Punching	Belt Width Inches	Inches			
L Length	P Projection	D Depth			B	D	E	F
8	5	7-3/8	P7	9-10	3	1	1/4	3-3/8
8	5	8-1/2	P7	9-10	3	1	1/4	3-3/4
9	6	9-1/4	P7	10	3	1	1/4	4-1/8
10	5	7-3/4	P7	11-12	3-1/2	1	5/16	3-3/8
10	5	8-1/2	P7	11-12	3-1/2	1	5/16	3-3/4
10	6	9-1/4	P7	11-12	3-1/2	1	5/16	4-1/8
10	6	10	P7	11-12	3-1/2	1	5/16	4-1/2
10	7	11-5/8	P7	11-12	3-1/2	1	5/16	5-5/16
10	7	12-1/2	P7	11-12	3-1/2	1	5/16	5-3/4
10	8	11-5/8	P7	11-12	3-1/2	1	5/16	5-5/16
11	6	9-1/4	P7	12	4	1	5/16	4-1/8
12	5	7-3/4	P7	13-14	4-1/2	1	5/16	3-3/8
12	6	9-1/4	P7	13-14	4-1/2	1	5/16	4-1/8
12	6	10	P7	13-14	4-1/2	1	5/16	4-1/2
12	7	11-5/8	P7	13-14	4-1/2	1	5/16	5-5/16
12	7	11-3/4	P7	13-14	4-1/2	1	5/16	5-3/8
12	7	12-1/2	P7	13-14	4-1/2	1	5/16	5-3/4
12	8	11-5/8	P7	13-14	4-1/2	1	5/16	5-5/16
12	8	12-1/2	P7	13-14	4-1/2	1	5/16	5-3/4
14	7	11-5/8	P8	15-16	4	1	5/16	5-5/16
14	7	12-1/2	P8	15-16	4	1	5/16	5-3/4
14	8	11-5/8	P8	15-16	4	1	5/16	5-5/16
14	8	11-3/4	P8	15-16	4	1	5/16	5/3/8
14	8	12-1/2	P8	15-16	4	1	5/16	5-3/4
16	7	11-3/4	P8	18	4-1/2	1	5/16	5-3/8
16	8	11-5/8	P8	18	4-1/2	1	5/16	5-5/16
16	8	12-1/2	P8	18	4-1/2	1	5/16	5-3/4
16	12	17-5/8	P8	18	4-1/2	1	5/16	8-5/16
16	12	18-5/8	P8	18	4-1/2	1	5/16	8-13/16
18	8	11-5/8	P8	20	5	1	5/16	5-5/16
18	10	15	P8	20	5	1	5/16	7
20	8	11-5/8	P9	22	4	1	5/16	5-5/16
20	12	17-5/8	P9	22	4	1	5/16	8-5/16
20	12	18-5/8	P9	22	4	1	5/16	8-13/16
24	10	11-5/8	P9	26	5	1	5/16	5-5/16
24	12	17-5/8	P9	26	5	1	5/16	8-5/16
24	12	18-5/8	P9	26	5	1	5/16	8-13/16

Have dimensions certified for installation purposes.

TYPES AA, AA-RB AND SC CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS

NOMINAL BUCKET LENGTH, INCHES	PUNCHING	BELT WIDTH, INCHES	B	D	E	F
3	P1	4	1-3/8	—	1/4	3/4
4	P1	5	2-5/16	—	1/4	3/4
5	P1	6	3-3/16	—	1/4	1
6	P1	7-8	4-3/8	—	1/4	1
7	P2	8	2-1/2	—	1/4	1
8	P7	9-10	3	1	1/4	7/8
9	P7	10	3	1	1/4	7/8
10	P7	11-12	3-1/2	1	5/16	7/8
11	P7	12	4	1	5/16	7/8
12	P7	13-14	4-1/2	1	5/16	7/8
13	P8	14	3-1/2	1	5/16	7/8
14	P8	15-16	4	1	5/16	7/8
15	P8	16	4	1	5/16	7/8
16	P8	18	4-1/2	1	5/16	7/8
17	P8	18	4-1/2	1	5/16	7/8
18	P8	20	5	1	5/16	7/8
19	P9	20	4	1	5/16	7/8
20	P9	22	4	1	5/16	7/8
21	P9	22	4-1/2	1	5/16	7/8
22	P9	24	4-1/2	1	5/16	7/8
23	P9	24	5	1	5/16	7/8
24	P9	26	5	1	5/16	7/8

Have dimensions certified for installation purposes.

GUÍA DE LECTURA

L: largo | P: proyección | D: profundidad | Belt width: ancho de banda

Punching: patrón de barrenos | Dimensiones de las tablas en pulgadas

Confirmar las dimensiones para instalación. Tablas y diagramas conservados del documento original.

FORMATO DE MEDIDAS

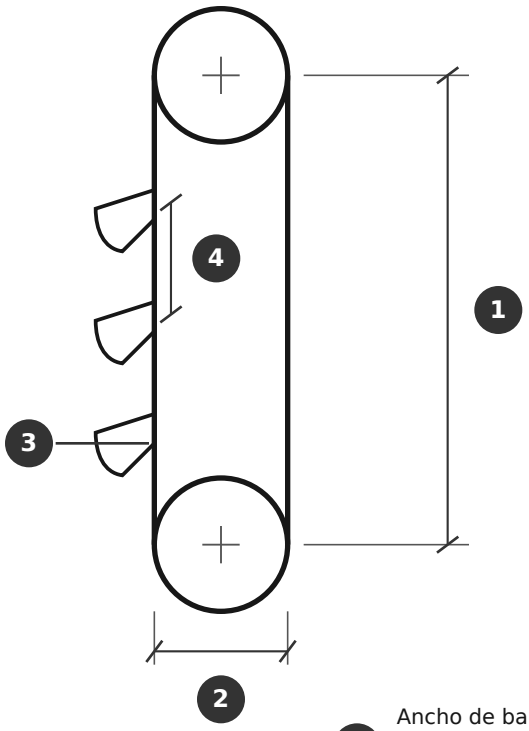
BANDA ELEVADORA

Registro de medidas · Formato para llenar a mano

Empresa / cliente

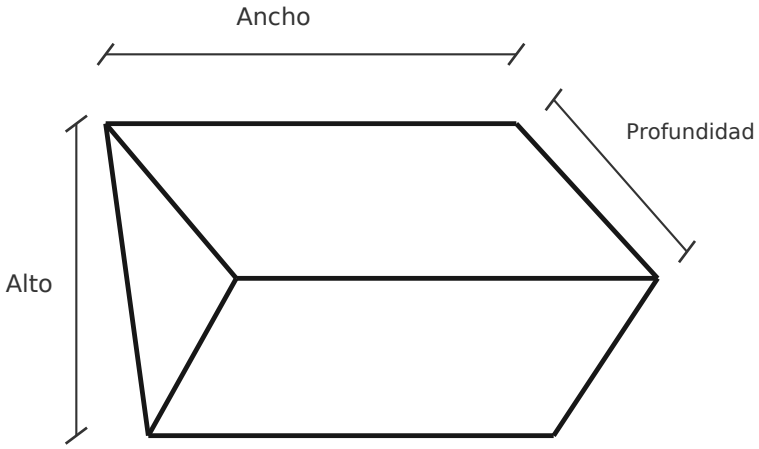
Fecha / referencia

01 BANDA ELEVADORA



5 Ancho de banda _____

02 CANGILÓN



Dimensiones del cangilón

Ancho: _____ Alto: _____

Profundidad: _____

DATOS TÉCNICOS DEL REQUERIMIENTO

1 Distancia entre poleas (centro a centro)

2 Diámetro de poleas

3 Espesor de banda

4 Distancia entre cangilones

5 Ancho de banda

Orificios por cangilón: ____ Total de cangilones: ____

Unidades: mm / pulgadas Observaciones: _____