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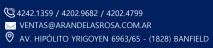
O AV. HIPÓLITO YRIGOYEN 6963/65 - (1828) BANFIELD



## Producto: ARANDELAS COMUNES | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ECDECOD	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESPESOR	
1/8"	10.00	3.50	0.90	2053.83
5/32"	12.00	4.25	0.90	1431.05
3/16"	14.00	5.20	0.90	1066.66
3/16"	14.00	5.20	1.25	768.00
7/32"	14.00	6.25	1.25	826.83
7/32"	14.00	6.25	1.50	689.03
1/4"	18.00	7.25	1.25	478.05
1/4"	18.00	7.25	1.50	398.38
5/16"	22.00	8.50	1.25	315.14
5/16"	22.00	8.50	1.50	262.62
3/8"	24.50	10.25	1.25	262.04
3/8"	24.50	10.25	1.50	218.37
7/16"	28.00	11.70	2.00	125.33
1/2"	32.00	13.70	2.00	96.97
1/2"	32.00	13.70	2.30	84.33
1/2"	32.00	13.70	2.50	77.58
1/2"	32.00	13.70	2.90	66.88
9/16"	36.00	15.10	2.90	52.37
5/8"	40.00	17.00	2.50	49.49
5/8"	40.00	17.00	2.90	42.66
3/4"	46.00	21.00	2.50	38.73
3/4"	46.00	21.00	2.90	33.39
7/8"	52.00	23.50	2.50	30.15
7/8"	52.00	23.50	2.90	25.99
1"	58.00	27.00	2.50	24.62
1"	58.00	27.00	2.90	21.23
1,1/8"	65.00	31.00	2.90	17.14
1,1/4"	70.00	34.00	2.90	14.94
1,1/4"	70.00	34.00	4.00	10.83
1,3/8"	75.00	36.00	2.90	12.92
1,1/2"	85.00	40.00	2.90	9.94
1,5/8"	100.00	43.00	2.90	6.86
1,3/4"	100.00	46.00	2.90	7.09
1,7/8"	100.00	49.00	2.90	7.36
2"	110.00	52.00	2.90	5.95
2,1/4"	110.00	59.00	3.20	5.88
2,1/2"	120.00	65.00	2.90	5.50
3"	130.00	78.00	3.20	4.69





## Producto: ARANDELAS COMUNES REFORZADAS | Material: Acero SAE 1010

		DIMENSIONES en mm.				
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.		
	EXTERIOR	INTERIOR	ESPESOR			
3/16"	14.00	5.20	2.00	480.00		
7/32"	14.00	6.25	2.00	516.77		
1/4"	18.00	7.25	2.00	298.78		
1/4"	18.00	7.25	2.90	206.06		
5/16"	22.00	8.50	2.00	196.97		
5/16"	22.00	8.50	2.50	157.57		
5/16"	22.00	8.50	2.90	135.84		
5/16"	22.00	8.50	4.00	98.48		
3/8"	24.50	10.25	2.00	163.78		
3/8"	24.50	10.25	2.50	131.02		
3/8"	24.50	10.25	2.90	112.95		
3/8"	24.50	10.25	4.00	81.89		
7/16"	28.00	11.70	2.50	100.26		
7/16"	28.00	11.70	2.90	86.43		
7/16"	28.00	11.70	4.00	62.66		
1/2"	32.00	13.70	4.00	48.49		
9/16"	36.00	15.10	4.00	37.97		
5/8"	40.00	17.00	4.00	30.93		
3/4"	46.00	21.00	4.00	24.21		
7/8"	52.00	23.50	4.00	18.85		
1"	58.00	27.00	4.00	15.39		

## Producto: ARANDELAS CHAPISTAS | Material: Acero SAE 1010

		DIMENSIONES en mm.				
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.		
	EXTERIOR	INTERIOR	ESPESOR			
5/32"	18.00	4.25	1.25	424.14		
3/16"	20.00	5.20	1.25	347.92		
3/16"	20.00	5.20	1.50	289.93		
1/4"	28.00	7.25	1.25	177.41		
1/4"	28.00	7.25	1.50	147.84		
1/4"	36.00	7.25	1.25	104.36		
1/4"	36.00	7.25	1.50	86.96		
5/16"	39.00	8.50	1.25	89.57		
5/16"	39.00	8.50	1.50	74.64		
3/8"	39.00	10.25	1.25	91.64		
3/8"	39.00	10.25	1.50	76.37		
7/16"	50.00	12.00	2.90	23.74		
1/2"	55.00	13.50	2.90	19.68		
9/16"	55.00	15.00	2.90	19.98		
5/8"	60.00	17.00	2.90	16.89		
3/4"	60.00	20.50	2.90	17.59		
7/8"	65.00	23.00	2.90	15.13		
1"	75.00	27.00	2.90	11.42		



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#### Producto: ARANDELAS CHAPISTAS REFORZADAS | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESPESOR	
3/16"	20.00	5.20	2.00	217.45
1/4"	27.50	7.25	2.90	79.48
1/4"	28.00	7.25	2.00	110.88
1/4"	34.50	7.25	3.00	47.52
1/4"	36.00	7.25	2.00	65.22
1/4"	36.00	7.25	2.50	52.18
1/4"	36.00	7.25	2.80	46.59
5/16"	39.00	8.50	2.00	55.98
5/16"	39.00	8.50	2.50	44.78
5/16"	39.00	8.50	2.90	38.61
5/16"	39.00	8.50	4.00	27.99
3/8"	39.00	10.25	2.00	57.28
3/8"	39.00	10.25	2.30	49.81
3/8"	39.00	10.25	2.50	45.82
3/8"	39.00	10.25	2.90	39.50
3/8"	40.00	10.50	4.00	27.22
7/16"	50.00	12.00	4.00	17.21
1/2"	55.00	13.50	4.00	14.26
5/8"	60.00	17.00	4.00	12.25
3/4"	60.00	20.50	4.00	12.75

## Producto: ARANDELAS ESPECIALES | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO EXTERIOR	DIAMETRO INTERIOR	ESPESOR	CANTIDAD x Kg Aprox.
1/8"	8.00	3.50	0.90	3482.57
5/32"	10.00	4.25	0.90	2199.52
5/32"	8.00	4.25	1.00	3530.90
3/16"	12.00	5.25	1.00	1393.03
3/16"	10.00	5.25	1.00	2239.18
7/32"	12.00	6.40	1.25	1259.32
7/32"	12.00	6.40	1.50	1049.44
1/4"	14.00	7.25	1.25	904.65
1/4"	14.00	7.25	1.50	753.87
5/16"	16.00	8.50	1.25	706.18
5/16"	16.00	8.50	1.50	588.48
3/8"	18.00	10.25	1.25	592.68
3/8"	18.00	10.25	1.50	493.90
7/16"	22.00	11.70	1.25	373.83
1/2"	24.00	13.25	1.50	270.04
9/16"	28.00	14.50	1.50	188.47
5/8"	34.00	17.00	1.50	124.72
3/4"	38.00	20.00	1.50	103.58
7/8"	44.00	23.00	1.50	76.85
1"	50.00	27.00	1.50	61.06
1,1/8"	50.00	31.00	1.50	70.26
1,1/8"	50.00	31.00	2.00	52.70



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#### Producto: ARANDELAS ESPECIALES REFORZADAS | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESPESOR	
3/16"	12.00	5.25	2.00	696.51
7/32"	12.00	6.40	2.00	787.08
1/4"	14.00	7.25	2.50	452.32
5/16"	16.00	8.50	2.50	353.09
3/8"	18.00	10.25	2.50	296.34
7/16"	22.00	11.70	2.50	186.92
1/2"	24.00	13.25	2.00	202.53
1/2"	24.00	13.25	2.50	162.02
1/2"	24.00	13.25	2.90	139.68
1/2"	24.00	13.25	4.00	101.26
9/16"	28.00	14.50	2.90	97.48
9/16"	28.00	14.50	4.00	70.68
5/8"	34.00	17.00	2.90	64.51
5/8"	34.00	17.00	4.00	46.77
3/4"	38.00	20.00	2.90	53.57
3/4"	38.00	20.00	4.00	38.84
3/4"	38.00	20.50	2.00	79.22
7/8"	44.00	23.00	2.90	39.75
7/8"	44.00	23.00	4.00	28.82
1"	50.00	27.00	2.90	31.58
1"	50.00	27.00	4.00	22.90
1,1/8"	50.00	31.00	2.90	36.34
1,1/8"	50.00	31.00	4.00	26.35

#### Producto: ARANDELAS BAJO NORMA IRAM 5107 | Material: Acero SAE 1010

		DIMENSIONES en mm.				
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.		
	EXTERIOR	INTERIOR	LSI LSOR			
3/16"	13.00	5.80	1.00	1198.29		
1/4"	14.00	7.25	1.50	753.87		
5/16"	18.00	9.60	2.00	349.81		
3/8"	22.00	11.70	2.50	186.92		
7/16"	24.00	13.25	2.50	162.02		
1/2"	28.00	14.00	2.90	95.12		
1/2"	28.00	14.00	6.35	43.44		
9/16"	30.00	16.00	2.90	86.85		
5/8"	35.00	18.00	2.90	62.08		
5/8"	35.00	18.00	6.35	28.35		
3/4"	40.00	22.00	4.00	36.34		
3/4"	40.00	22.00	6.35	22.89		
7/8"	45.00	25.00	4.00	28.96		
1"	52.00	29.00	2.90	30.02		
1"	52.00	29.00	4.75	18.33		
1,1/8"	58.00	33.50	2.90	24.95		
1,1/8"	58.00	33.50	4.75	15.23		
1,1/4"	62.00	36.00	2.90	21.95		
1,1/4"	62.00	36.00	4.75	13.40		
1,3/8"	68.00	39.00	4.75	11.00		
1,1/2"	75.00	42.00	4.75	8.84		
2"	97.50	57.00	8.00	3.24		



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## Producto: ARANDELAS BAJO NORMA IRAM C | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	LSI LSOR	
7/16"	26.00	11.70	2.50	120.35

#### Producto: ARANDELAS BAJO NORMA IRAM M | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	E2LE2OK	
M 12	22.00	12.50	2.90	170.65
M 12	22.00	12.50	4.00	123.72
M 18	35.00	20.00	4.00	49.15
M 18	35.00	20.00	4.75	41.39
M 24	45.00	27.00	4.00	31.29

#### Producto: ARANDELAS BAJO NORMA DIN 125 A | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO EXTERIOR	DIAMETRO INTERIOR	ESPESOR	CANTIDAD x Kg Aprox.
M 3	7.00	3.20	0.50	8369.50
M 4	9.00	4.30	0.80	3243.50
M 5	10.00	5.30	1.00	2255.61
M 6	12.00	6.40	1.50	1049.44
M 7	14.00	7.25	1.50	753.87
M 8	16.00	8.50	1.50	588.48
M 10	20.00	10.60	2.00	281.95
M 10	20.00	10.60	2.90	194.45
M 12	24.00	13.25	2.50	162.02
M 14	28.00	15.10	2.50	116.69
M 16	30.00	17.00	2.90	91.54
M 16	30.00	17.00	4.00	66.37
M 18	34.00	19.00	2.90	70.35
M 20	37.00	21.00	2.90	60.27
M 22	39.00	23.00	2.90	56.38
M 24	44.00	25.00	4.00	30.93
M 27	50.00	28.00	4.00	23.63
M 30	56.00	31.00	4.00	18.64
M 33	60.00	34.00	4.75	13.97
M 36	66.00	37.00	4.75	11.43
M 39	72.00	40.00	6.35	7.13
M 42	78.00	43.00	6.35	6.03
M 45	85.00	46.00	6.35	5.00



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#### Producto: ARANDELAS BAJO NORMA DIN 7989 | Material: Acero SAE 1010

	DIMENSIONES en mm.			
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESI ESOR	
M 12	24.00	14.00	8.00	53.36
M 16	30.00	18.00	8.00	35.20
M 18	35.00	19.00	8.00	23.47
M 20	37.00	22.00	8.00	22.91
M 22	40.00	24.00	8.00	19.80
M 24	44.00	26.00	8.00	16.09
M 27	50.00	30.00	8.00	12.67
M 30	56.00	33.00	8.00	9.90

#### Producto: ARANDELAS BAJO NORMA DIN 9021 | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESFESOR	
M 8	25.00	8.50	2.00	146.72
M 10	30.00	10.50	2.50	82.15

## Producto: ARANDELAS BAJO NORMA ASTM - F436 | Material: Acero MEDIO CARBONO

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESFESOR	
1/2"	26.19	13.49	2.46	130.84
5/8"	32.54	17.46	3.10	69.39
3/4"	36.51	20.64	3.10	57.69
7/8"	43.66	23.81	3.45	35.10
1"	50.00	28.58	3.45	27.93
1,1/8"	56.36	31.75	3.45	21.68
1,1/4"	62.71	34.93	3.45	17.33
1,3/8"	70.00	38.00	3.50	13.41
1,1/2"	76.00	42.00	3.50	11.55
1,3/4"	85.00	48.00	5.00	6.59
1,7/8"	90.00	51.00	5.00	5.90
2"	94.50	55.00	5.00	5.49
2,1/2"	114.00	67.00	7.50	2.54

#### Producto: ARANDELAS BAJO NORMA MN | Material: Acero SAE 1010

	DIMENSIONES en mm.			
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR		
MN 84 (1/2)	50.00	13.50	2.90	20.00
MN 30 (1/2)	32.00	13.70	2.30	84.33
MN 31 (5/8)	40.00	17.00	2.90	42.66
MN 84 (5/8)	50.00	17.00	2.90	21.00
MN 84 (3/4)	50.00	20.50	2.90	22.00



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#### Producto: ARANDELAS PARA BULÓN DE RUEDA | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR		
13	28.00	13.00	2.90	90.95
13	28.00	13.00	4.00	65.94
14	28.00	14.00	4.00	68.96
17	28.00	17.00	4.00	81.92
17.5	28.00	17.50	4.00	84.88
18	28.00	18.00	4.00	88.15
18.5	28.00	18.50	4.00	91.79

#### Producto: ARANDELAS CASQUILLO LLANTA | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESPESOR	
7/16"	28.00	12.00	2.90	87.39
1/2"	32.00	13.50	2.90	66.45
9/16"	36.00	14.70	4.00	37.55
5/8"	39.00	17.00	4.00	32.91
3/4"	46.00	21.00	4.00	24.21
7/8"	52.00	23.50	4.00	18.85
1"	58.00	27.00	4.00	15.39

#### Producto: ARANDELAS PARA AMORTIGUADORES | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR INTERIOR	INTERIOR	LSI LSOR	1
0 (01)	20.00	10.05	0.50	45.00
3/8"	39.00	10.25	2.50	45.82
7/16"	38.00	12.50	2.50	50.38
5/8"	73.50	16.50	4.75	6.66
3/4"	73.50	21.00	4.75	6.88

#### Producto: ARANDELAS PARA PALIO | Material: Acero SAE 1010

	DIMENSIONES en mm.			
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	E31 E30 K	
	36.00	24.50	2.00	116.57

#### Producto: ARANDELAS BOMBÉ PARA CORREA | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR		
1/4"	25.00	7.25	1.25	226.68
5/16"	30.00	8.70	1.25	157.42
3/8"	35.00	10.25	1.50	96.55
1/2"	35.00	13.00	1.50	102.40



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## Producto: ARANDELAS BOMBÉ PARA SILO | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESFESOR	
		I	T	
3/8"	25.00	10.50	1.50	210.07
7/16"	28.00	11.70	2.00	125.33

## Producto: ARANDELAS SOMBRERO | Material: Acero SAE 1010

	DIMENSIONES en mm.			
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR		
	30.00	10.25	1.25	163.23
	34.00	14.00	2.00	84.48

## Producto: ARANDELAS TENSOR | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox.
	EXTERIOR	INTERIOR	ESFESOR	
	54.00	17.00	4.00	15.44
	60.00	18.50	2.00	24.89



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## Producto: ARANDELAS SÚPER ESPECIALES | Material: Acero SAE 1010

		DIMENSIONES en mm.		
MEDIDA	DIAMETRO	DIAMETRO	ESPESOR	CANTIDAD x Kg Aprox
	EXTERIOR	INTERIOR	LSFLSOR	
	16.00	3.60	1.50	444.92
	15.00	3.60	1.50	509.97
	10.00	4.60	1.00	2057.34
	15.00	4.60	1.50	530.48
	18.00	4.60	2.00	267.80
	12.00	4.70	1.00	1330.50
	18.00	5.50	1.50	368.12
	22.00	5.50	1.50	238.31
	25.00	6.50	5.00	55.67
Agujero Cuadrado	33.00	7.00	2.00	77.98
	40.00	7.25	2.50	41.93
	22.00	7.25	1.25	300.76
	16.00	7.50	2.00	406.01
Agujero Cuadrado	22.00	8.50	1.25	315.14
Agujero Cuadrado	31.00	8.50	1.50	121.67
Agujero Cuadrado	39.00	8.50	1.50	74.64
	35.00	8.50	2.00	70.35
	18.00	8.50	4.00	161.07
	22.00	10.25	4.00	107.01
	75.00	10.25	2.90	10.13
	62.00	10.25	2.90	14.96
	26.00	11.00	1.50	194.84
	24.00	11.00	2.00	178.24
	23.00	11.00	4.00	99.39
Cuadrada	61.00	11.50	2.50	18.08
	39.00	13.00	2.90	41.37
	50.00	13.25	3.50	19.94
	36.00	13.50	2.90	50.22
	36.00	13.50	4.00	36.41
	31.00	14.00	1.50	141.35
	45.00	15.50	1.50	60.59
	70.00	17.00	2.90	12.13
	45.00	18.00	2.90	32.88
	40.00	22.20	1.50	97.67
	62.00	39.50	2.00	35.51
	89.50	55.00	2.30	14.15