

# barboflex<sup>®</sup>

flexible solutions

**Abraçadeiras**  
Clamps

**βfluid<sup>®</sup>**  
hose assembly equipment



## ABRAÇADEIRAS

CLAMPS

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## ABRAÇADEIRAS

CLAMPS

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## ABRAÇADEIRAS

CLAMPS

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# ABRAÇADEIRA SEM FIM SEM FIM CLAMPS



## ABRAÇADEIRA SEM FIM • SEM FIM CLAMPS



Embalagem Package (un.)	Código • Code			Medida Size	Aperto Grip (mm)
	Inox W4	W2	W1		
<b>100</b>	48000W4.008012	48000W2.008012	48000W1.008012		8-12
	48000W4.010016	48000W2.010016	48000W1.010016	3/16"	10-16
	48000W4.012022	48000W2.012022	48000W1.012022	3/8"	12-22
	48000W4.016027	48000W2.016027	48000W1.016027	1/2"	16-27
	48000W4.020032	48000W2.020032	48000W1.020032	3/4"	20-32
	48000W4.023035	48000W2.023035	48000W1.023035	7/8"	23-35
	48000W4.025040	48000W2.025040	48000W1.025040	1"	25-40
	48000W4.030045	48000W2.030045	48000W1.030045	1.1/4"	30-45
	48000W4.032050	48000W2.032050	48000W1.032050	1.1/2"	32-50
	48000W4.040060	48000W2.40060	48000W1.40060	1.3/4"	40-60
<b>50</b>	48000W4.050070	48000W2.050070	48000W1.050070	2"	50-70
	48000W4.060080	48000W2.060080	48000W1.060080	2.1/2"	60-80
	48000W4.070090	48000W2.070090	48000W1.070090	3"	70-90
	48000W4.080100	48000W2.080100	48000W1.080100		80-100
	48000W4.090110	48000W2.090110	48000W1.090110	4"	90-110
	48000W4.100120	48000W2.100120	48000W1.100120		100-120
	48000W4.110130	48000W2.110130	48000W1.110130	5"	110-130
	48000W4.120140	48000W2.120140	48000W1.120140		120-140

### Recomendação:

Recommendation:

**W1** Resistência / resistance: 3Nm

**W2** Resistência / resistance: 3,5Nm

**W4** Resistência / resistance: 4Nm

Fabricado em fita de 9 mm

Made with 9 mm tape

**W1- Zincado** (48 H de Ensaio de Névoa Salina) **W2 - Fita/Cabeça** Inox AISI 304 e PF Zincado **W4 - Totalmente** em Inox AISI 304

**W1- Galvanized** (48 H de Salt Fog test) **W2 - Tape/Head** Inox AISI 304 e PF Galvanized **W4 - Made with** Inox AISI 304



**ABRAÇADEIRA SEM FIM • SEM FIM CLAMPS**



**Recomendação:**

Recommendation:

W1 Resistência / resistance: 4,5Nm

W2 Resistência / resistance: 5Nm

W4 Resistência / resistance: 5,5Nm

Fabricado em fita de 12 mm

Made with 12mm tape

Embalagem Package (un.)	Código • Code			Medida Size	Aperto Grip (mm)
	Inox W4	W2	W1		
100	48001W4.016027	48001W2.016027	48001W1.016027	1/2	16-27
	48001W4.020032	48001W2.020032	48001W1.020032	3/4	20-32
	48001W4.023035	48001W2.023035	48001W1.023035	7/8	23-35
	48001W4.025040	48001W2.025040	48001W1.025040	1"	25-40
50	48001W4.030045	48001W2.030045	48001W1.030045	1.1/4"	30-45
	48001W4.032050	48001W2.032050	48001W1.032050	1.1/2"	32-50
	48001W4.040060	48001W2.040060	48001W1.040060	1.3/4"	40-60
	48001W4.050070	48001W2.050070	48001W1.050070	2"	50-70
25	48001W4.060080	48001W2.060080	48001W1.060080	2.1/2"	60-80
	48001W4.070090	48001W2.070090	48001W1.070090	3"	70-90
	48001W4.080100	48001W2.080100	48001W1.080100		80-100
	48001W4.090110	48001W2.090110	48001W1.090110	4"	90-110
	48001W4.100120	48001W2.100120	48001W1.100120		100-120
	48001W4.110130	48001W2.110130	48001W1.110130	5"	110-130
	48001W4.120140	48001W2.120140	48001W1.120140		120-140
	48001W4.130150	48001W2.130150	48001W1.130150	6"	130-150
	48001W4.140160	48001W2.140160	48001W1.140160		140-160
	48001W4.150170	48001W2.150170	48001W1.150170		150-170
20	48001W4.160180	48001W2.160180	48001W1.160180		160-180
	48001W4.170190	48001W2.170190	48001W1.170190		170-190
	48001W4.180200	48001W2.180200	48001W1.180200		180-200
	48001W4.190210	48001W2.190210	48001W1.190210		190-210
	48001W4.200220	48001W2.200220	48001W1.200220		200-220
	48001W4.210230	48001W2.210230	48001W1.210230		210-230
	48001W4.220240	48001W2.220240	48001W1.220240		220-240
	48001W4.230250	48001W2.230250	48001W1.230250		230-250
	48001W4.240260	48001W2.240260	48001W1.240260		240-260

**W1**- Zincado (48 H de Ensaio de Névoa Salina)

**W1**- Galvanized (48 H de Salt Fog test)

**W2**- Fita/Cabeça Inox AISI 304 e PF Zincado

**W2**- Tape/Head Inox AISI 304 e PF galvanized

**W4**- Totalmente em Inox AISI 304

**W4**- Made with Inox AISI 304

# ABRAÇADEIRA MINI-NORM

## MINI-NORM CLAMPS



### ABRAÇADEIRA MINI-NORM • MINI-NORM CLAMPS

Embalagem Package (un.)	Código Code	Medida Size
	W2	
100	48002W2.008012	8-12
	48002W2.010016	10-16
	48002W2.012018	12-18

W2 - Fita/cabeça Inox AISI 304 e PF Zincado

W2 - Tape/head Inox AISI 304 e PF galvanized

Com Parafuso hexagonal 6mm  
With 6mm hexagonal screw

Fabricado em fita de 7,5 mm  
Made with 7,5 mm tape



## ABRAÇADEIRA NORM ESTREITA NORM CLAMPS

### ABRAÇADEIRA NORM ESTREITA • NORM CLAMPS



Com Parafuso hexagonal 7mm  
With 6mm hexagonal screw

Fabricado em fita de 9 mm  
Made with 9 mm tape

Embalagem Package (un.)	Código • Code			Medida Size	Aperto Grip (mm)
	Inox W4	W2	W1		
100	48003W4.008016	48003W2.008016	48003W1.008016	3/16	8-16
	48003W4.012022	48003W2.012022	48003W1.012022	3/8	12-22
	48003W4.016027	48003W2.016027	48003W1.016027	1/2	16-27
	48003W4.020032	48003W2.020032	48003W1.020032	3/4	20-32
	48003W4.023035	48003W2.023035	48003W1.023035	7/8	23-35
	48003W4.025040	48003W2.025040	48003W1.025040	1"	25-40
	48003W4.030045	48003W2.030045	48003W1.030045	1 1/4	30-45
	48003W4.032050	48003W2.032050	48003W1.032050	1 1/2	32-50
	48003W4.040060	48003W2.040060	48003W1.040060	1 3/4	40-60
	48003W4.050070	48003W2.050070	48003W1.050070	2"	50-70
50	48003W4.060080	48003W2.060080	48003W1.060080	2 1/2	60-80
	48003W4.070090	48003W2.070090	48003W1.070090	3"	70-90
	48003W4.080100	48003W2.080100	48003W1.080100		80-100
	48003W4.090110	48003W2.090110	48003W1.090110	4"	90-110
	48003W4.100120	48003W2.100120	48003W1.100120		100-120
	48003W4.110130	48003W2.110130	48003W1.110130	5"	110-130
	48003W4.130150	48003W2.130150	48003W1.130150	6"	130-150

**W1** - Zincado    **W2** - Fita/Cabeça Inox AISI 304 e PF Zincado    **W4** - Totalmente em Inox AISI 304  
**W1** - Galvanized    **W2** - Tape/head Inox AISI 304 e PF galvanized    **W4** - Made with Inox AISI 304



Com Parafuso hexagonal 7mm  
With 7mm hexagonal screw

Fabricado em fita de 12 mm  
Made with 12 mm tape

**ABRAÇADEIRA NORM • NORM CLAMPS**

Embalagem Package (un.)	Código • Code			Medida Size	Aperto Grip (mm)
	Inox W4	W2	W1		
50	48004W4.016027	48004W2.016027	48004W1.016027	1/2"	16-27
	48004W4.020032	48004W2.020032	48004W1.020032	3/4"	20-32
	48004W4.023035	48004W2.023035		7/8"	23-35
	48004W4.025040	48004W2.025040	48004W1.025040	1"	25-40
	48004W4.030045	48004W2.030045	48004W1.030045	1.1/4"	30-45
	48004W4.035050	48004W2.035050	48004W1.035050	1.1/2"	35-50
	48004W4.040060	48004W2.040060	48004W1.040060	1.3/4"	40-60

**W1** - Zincado **W2** - Fita/Cabeça Inox AISI 304 e PF Zincado **W4** - Totalmente em Inox AISI 304  
**W1** - Galvanized **W2** - Tape/head Inox AISI 304 e PF galvanized **W4** - Made with Inox AISI 304





ABRAÇADEIRA NORM • NORM CLAMPS

Embalagem Package (un.)	Código • Code			Medida Size	Aperto Grip (mm)
	Inox W4	W2	W1		
	48004W4.050070	48004W2.050070	48004W1.050070	2"	50-70
	48004W4.060080	48004W2.060080	48004W1.060080	2.1/2"	60-80
	48004W4.070090	48004W2.070090	48004W1.070090	3"	70-90
	48004W4.080100	48004W2.080100	48004W1.080100		80-100
	48004W4.090110	48004W2.090110	48004W1.090110	4"	90-110
	48004W4.100120	48004W2.100120	48004W1.100120		100-120
	48004W4.110130	48004W2.110130	48004W1.110130	5"	110-130
	48004W4.120140	48004W2.120140	48004W1.120140		120-140
	48004W4.130150	48004W2.130150	48004W1.130150	6"	130-150
<b>25</b>	48004W4.140160	48004W2.140160	48004W1.140160		140-160
	48004W4.150170	48004W2.150170	48004W1.150170		150-170
	48004W4.160180	48004W2.160180	48004W1.160180		160-180
	48004W4.170190	48004W2.170190	48004W1.170190		170-190
	48004W4.180200	48004W2.180200	48004W1.180200		180-200
	48004W4.190210	48004W2.190210	48004W1.190210		190-210
	48004W4.200220	48004W2.200220	48004W1.200220		200-220
	48004W4.210230	48004W2.210230	48004W1.210230		210-230
	48004W4.220240	48004W2.220240	48004W1.220240		220-240
	48004W4.230250	48004W2.230250	48004W1.230250		230-250



Com Parafuso hexagonal 7mm  
With 7mm hexagonal screw

Fabricado em fita de 12 mm  
Made with 12 mm tape

**W1** - Zincado **W2** - Fita/Cabeça Inox AISI 304 e PF Zincado **W4** - Totalmente em Inox AISI 304  
**W1** - Galvanized **W2** - Tape/head Inox AISI 304 e PF galvanized **W4** - Made with Inox AISI 304



**ABRAÇADEIRA MINI-FLEX • MINI-FLEX CLAMPS**

<b>Embalagem</b> Package (un.)	<b>Código • Code</b>		<b>Aperto Grip (mm)</b>
	<b>Inox W4</b>	<b>W2</b>	
<b>100</b>	48005W4.007011	48005W2.007011	7-11
	48005W4.009014	48005W2.009014	9-14
	48005W4.010019	48005W2.010019	10-19

Caixa Plástico  
Plastic box

**W1**- Zincado    **W2** - Fita/Cabeça Inox AISI 304 e PF Zincado    **W4** - Totalmente em Inox AISI 304



### Recomendação:

Recommendation:

Resistência / resistance: 2,8Nm

Fabricado em fita 8 mm

Made with 8 mm tape

### ABRAÇADEIRA MINUS • MINUS CLAMPS

Embalagem Package (un.)	Código • Code			Medida Size	Aperto Grip (mm)
	InoxW4	W2	W1		
100	48006W4.008012	48006W2.008012	48006W1.008012	3/16"	8-12
	48006W4.010016	48006W2.010016	48006W1.010016	3/8"	10-16
	48006W4.014024	48006W2.014024	48006W1.014024	1/2"	14-24
	48006W4.018028	48006W2.018028	48006W1.018028	3/4"	18-28
	48006W4.024036	48006W2.024036	48006W1.024036	1"	24-36
	48006W4.025045	48006W2.025045	48006W1.025045	1.1/4"	25-45
25	48006W4.035052	48006W2.035052	48006W1.035052	1.1/2"	32-52
	48006W4.040060	48006W2.040060	48006W1.040060	2"	40-60
	48006W4.047067	48006W2.047067	48006W1.047067	2.1/2"	47-67
Caixa Plástico Plastic box	48006W4.062082	48006W2.062082	48006W1.062082	3"	62-82

**W1** - Zincado    **W2** - Fita/Cabeça Inox AISI 304 e PF Zincado    **W4** - Totalmente em Inox AISI 304

**W1** - Galvanized    **W2** - Tape/head Inox AISI 304 e PF galvanized    **W4** - Made with Inox AISI 304

# ABRAÇADEIRA PERFURADA CABEÇA SOLTA

## CLAMPS PERFORATED BAND WITH FREE HEAD



### ABRAÇADEIRA PERFURADA CABEÇA SOLTA • CLAMPS PERFORATED BAND WITH FREE HEAD

Embalagem Package (un.)	Código • Code		Medida Size	Aperto Grip (mm)
	W2	W1		
25	48007W2.014022		1/2"	14-22
	48007W2.018028	48007W1.018028	3/4	18-28
	48007W2.024036	48007W1.024036	1"	24-36
	48007W2.025045	48007W1.025045	1.1/4"	25-45
	48007W2.032052	48007W1.032052	1.1/2"	32-52
	48007W2.040060	48007W1.040060	2"	40-60
	48007W2.047067	48007W1.047067	2.1/2"	47-67
	48007W2.062082	48007W1.062082	3"	62-82
	48007W2.077097	48007W1.077097	4"	77-97
	48007W2.092112	48007W1.092112	5"	92-112
	48007W2.107127	48007W1.107127	6"	107-127
	48007W2.122142	48007W1.122142	7"	122-142
	48007W2.137157	48007W1.137157	8"	137-157



#### Recomendação:

Resistência / resistance:

Ø14-22 a 18-28: 4Nm

Ø24-36 a 137-157: 5Nm

Fabricado em fita de 13 mm

Made with 13 mm tape

**W1**- Zincado    **W2**- Fita/Cabeça Inox AISI 304 e PF Zincado  
**W1** - Galvanized    **W2** - Tape/head Inox AISI 304 e PF galvanized



## ABRACADEIRA PERFORADA CABEÇA FIXA CLAMPS PERFORATED BAND WITH FIXED HEAD

### ABRACADEIRA PERFORADA CABEÇA FIXA • CLAMPS PERFORATED BAND WITH FIXED HEAD



#### Recomendação:

Resistência

Ø14-22 a 18-28: 4Nm

Ø24-36 a 137-157: 5Nm

Fabricado em fita de 13 mm

Made with 13 mm tape

Embalagem Package (un.)	Código • Code		Medida Size	Aperto Grip (mm)
	Inox W4*	W2*		
25	48008W4.014022	48008W2.014022	1/2"	14-22
	48008W4.018028	48008W2.018028	3/4"	18-28
	48008W4.024036	48008W2.024036	1"	24-36
	48008W4.025045	48008W2.025045	1.1/4"	25-45
	48008W4.032052	48008W2.032052	1.1/2"	32-52
	48008W4.040060	48008W2.040060	2"	40-60
	48008W4.047067	48008W2.047067	2.1/2"	47-67
	48008W4.062082	48008W2.062082	3"	62-82
	48008W4.077097	48008W2.077097	4"	77-97
	48008W4.092112	48008W2.092112	5"	92-112
	48008W4.107127	48008W2.107127	6"	107-127
	48008W4.122142	48008W2.122142	7"	122-142
	48008W4.137157	48008W2.137157	8"	137-157
	48008W4.152172	48008W2.152172		152-172
	48008W4.167187	48008W2.167187		167-187
	48008W4.182202	48008W2.182202		182-202
	48008W4.197217	48008W2.197217		197-217
	48008W4.212232	48008W2.212232		212-232
48008W4.227247	48008W2.227247		227-247	

\*Cabeça fixa  
\*Fixed head

Caixa de Plástico  
Plastic box

W2 - Fita/Cabeça Inox AISI 304 e PF Zincado

W4 - Totalmente em Inox AISI 304

W2 - Tape/head Inox AISI 304 e PF galvanized

W4 - Made with Inox AISI 304



**ABRAÇADEIRA ABBA • "ABBA" CLAMPS**

Embalagem Package (un.)	Código • Code		Medida Size Pol. / inch	Aperto Grip (mm)
	W4	Original W1		
50	48009W4.015024	48009W1.015024	1/2"	15-24
	48009W4.019028	48009W1.019028	3/4"	19-28
	48009W4.022032	48009W1.022032	7/8"	22-32
	48009W4.026038	48009W1.026038	1"	26-38
	48009W4.032044	48009W1.032044	1.1/4"	32-44
	48009W4.038050	48009W1.038050	1.1/2"	38-50
	48009W4.044056	48009W1.044056	1.3/4"	44-56
	48009W4.050065	48009W1.050065	2"	50-65
	48009W4.058075	48009W1.058075	2.1/2"	58-75
	48009W4.068085	48009W1.068085	3"	68-85
	48009W4.077095	48009W1.077095		77-95
	48009W4.087112	48009W1.087112	4"	87-112
	48009W4.104138	48009W1.104138	5"	104-138
	48009W4.130165	48009W1.130165	6"	130-165
	48009W4.150180	48009W1.150180		150-180
	48009W4.175205	48009W1.175205		175-205
	48009W4.200231	48009W1.200231		200-231
	48009W4.226256	48009W1.226256		226-256

**W1**- Zincado    **W4** - Totalmente em Inox AISI 304

**W1** - Galvanized    **W4** - Made with Inox AISI 304

Fabricado em fita de 12 mm  
Made with 12 mm tape



## ABRAÇADEIRA ABBA ESTREITA "ABBA" CLAMPS

### ABRAÇADEIRA ABBA ESTREITA • "ABBA" CLAMPS



#### Embalagem

Package  
(un.)

50

#### Código • Code

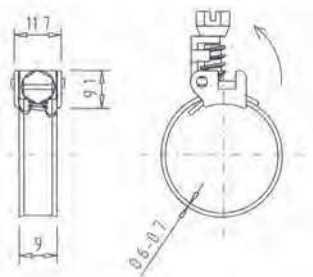
Código • Code		Medida Size Pol. / inch	Aperto Grip (mm)
W4	Original W1		
48010W4.008014	48010W1.008014		8-14
48010W4.011017	48010W1.011017	3/16"	11-17
48010W4.013020	48010W1.013020	3/8"	13-20
48010W4.015024	48010W1.015024	1/2"	15-24
48010W4.019028	48010W1.019028	3/4"	19-28
48010W4.022032	48010W1.022032	7/8"	22-32
48010W4.026038	48010W1.026038	1"	26-38
	48010W1.032044	1.1/4"	32-44
	48010W1.038050	1.1/2"	38-50
	48010W1.044056	1.3/4"	44-56
	48010W1.050065	2"	50-65
	48010W1.058075	2.1/2"	58-75
	48010W1.068085	3"	68-85

Fabricado em fita de 9 mm  
Made with 9 mm tape

**W1**- Zincado    **W4**- Totalmente em Inox AISI 304  
**W1** - Galvanized    **W4** - Made with Inox AISI 304

# ABRAÇADEIRA CABEÇA BASCULANTE

## HEAD ROCKER CLAMPS



### ABRAÇADEIRA CABEÇA BASCULANTE • HEAD ROCKER CLAMPS

Embalagem	Código Code	Aperto (mm)
25 Peças	48011W2.040090	40-90
	48011W2.040100	40-100
	48011W2.040115	40-115
	48011W2.040125	40-125
	48011W2.040145	40-145
	48011W2.040175	40-175
	48011W2.040215	40-215
	48011W2.040290	40-290
	48011W2.040320	40-320
	48011W2.040370	40-370
	48011W2.040420	40-420
	48011W2.040540	40-540
	48011W2.040650	40-650
48011W2.040750	40-750	

**W2** - Fita/Cabeça Inox AISI 304 e PF Zincado

**W2** - Fita/Cabeça Inox AISI 304 e PF Zincado

Fabricado em fita de 9 mm





## ABRAÇADEIRA PARA TUBO ESPIRAL SPIRAL PIPE CLAMPS



### ABRAÇADEIRA PARA TUBO ESPIRAL • SPIRAL PIPE CLAMPS

Embalagem Package (un.)	Código • Code		Aperto Grip (mm)
	Fita • tape 12mm	Fita • tape 9mm	
50	48012W2.040060	48012W2.040060	40-60
	48012W2.050070	48012W2.050070	50-70
	48012W2.060080	48012W2.060080	60-80
	48012W2.070090	48012W2.070090	70-90
	48012W2.080100	48012W2.080100	80-100
	48012W2.090110	48012W2.090110	90-110
	48012W2.100120	48012W2.100120	100-120
	48012W2.110130	48012W2.110130	110-130
	48012W2.120140	48012W2.120140	120-140
	48012W2.130150	48012W2.130150	130-150
	48012W2.140160	48012W2.140160	140-160
	48012W2.150170	48012W2.150170	150-170
	48012W2.160180	48012W2.160180	160-180

W2 - Fita/Cabeça Inox AISI 304 e PF Zincado

W2 - Tape/Head Inox AISI 304 e PF Galvanized

**ABRAÇADEIRAS DE ARAME "F"**  
**"F" WIRE CLAMPS**



**ABRAÇADEIRAS DE ARAME "F" • "F" WIRE CLAMPS**



<b>Embalagem</b>	<b>Código</b>	<b>Arame</b>	<b>Aperto</b>	<b>Parafuso</b>	
Package	Code	wire	Grip	Screw	
<b>100</b>	48013AR.055060	Ø 2mm	55-60	M5x40	
	48013AR.060065		60-65		
	48013AR.065070		65-70		
	48013AR.070075		70-75		
	48013AR.075080		75-80		
	48013AR.080085		80-85		
	48013AR.085090		85-90		
	48013AR.090095		90-95		
	48013AR.095100		95-100		
	48013AR.107120		107-120		
	48013AR.112125		112-125		
	48013AR.117130		117-130		
	48013AR.127140		127-140		
	48013AR.137150		137-150		M5x50
	48013AR.147160		147-160		
	48013AR.157170		157-170		
	48013AR.165180		165-180		
48013AR.177190	177-190				

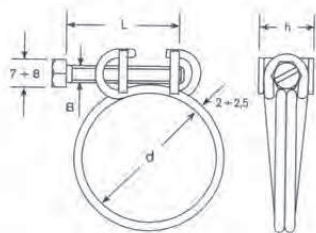


## ABRAÇADEIRAS DE ARAME DUPLO DOUBLE WIRE CLAMPS

### ABRAÇADEIRAS DE ARAME DUPLO • DOUBLE WIRE CLAMPS



<b>Embalagem</b>	<b>Código</b>	<b>Arame</b>	<b>Aperto</b>	<b>Parafuso</b>
Package	Code	wire	Grip	Screw
100 (un.)	48014AR.097110	Ø 2mm	97-110	M5x50
	48014AR.102115		102-115	
	48014AR.107120		107-120	
	48014AR.112125		112-125	
	48014AR.117130		117-130	
	48014AR.119132		119-132	
	48014AR.122135		122-135	
	48014AR.127140		127-140	
	48014AR.132145		132-145	
	48014AR.137150		137-150	
	48014AR.147160		147-160	
	48014AR.157170		157-170	
	48014AR.177190		177-190	
	48014AR.187210		187-200	
	48014AR.197210		197-210	
	48014AR.207220		207-220	



**ABRAÇADEIRAS DE ARAME • WIRE CLAMPS**

**Embalagem**  
Package  
(un.)

**Código • Code**

**Aperto**  
Grip  
(mm)

**50**

**Inox W4**

**W1**

48015W4.013016

48015W1.013016

13-16

48015W4.015018

48015W1.015018

15-18

48015W4.017021

48015W1.017021

17-21

48015W4.019022

48015W1.019022

19-22

48015W4.020024

48015W1.020024

20-24

48015W4.022026

48015W1.022026

22-26

48015W4.024028

48015W1.024028

24-28

48015W4.026030

48015W1.026030

26-30

48015W4.031035

48015W1.031035

31-35

48015W4.034038

48015W1.034038

34-38

48015W4.035040

48015W1.035040

35-40

48015W4.037042

48015W1.037042

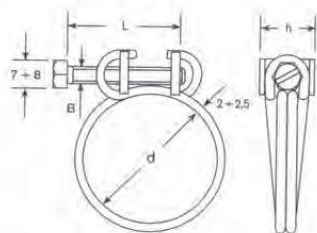
37-42

48015W4.040045

48015W1.040045

40-45

B = M6



**ABRAÇADEIRAS DE ARAME • WIRE CLAMPS**

Embalagem Package (un.)	Código • Code		Aperto Grip (mm)
	Inox W4	W1	
25	48015W4.045050	48015W1.045050	45-50
	48015W4.050055	48015W1.050055	50-55
	48015W4.055060	48015W1.055060	55-60
	48015W4.060065	48015W1.060065	60-65
	48015W4.065070	48015W1.065070	65-70
	48015W4.070075	48015W1.070075	70-75
	48015W4.075080	48015W1.075080	75-80
	48015W4.080085	48015W1.080085	80-85
	48015W4.085090	48015W1.085090	85-90
	48015W4.090095	48015W1.090095	90-95
	48015W4.095100	48015W1.095100	95-100
		48015W1.107120	107-120
		48015W1.112125	112-125
		48015W1.117130	117-130
		48015W1.127140	127-140
		48015W1.137150	137-150
		48015W1.147160	147-160
		48015W1.157170	157-170
		48015W1.177190	177-190
		48015W1.247260	247-260
		48015W1.312325	312-325
		48015W1.327410	327-410
		48015W1.497510	497-510

B = M6



**ABRAÇADEIRAS ESCALA • RANGE CLAMPS**

<b>Embalagem</b> Package (un.)	<b>Código</b> code <b>Inox W4</b>	<b>Medida</b> size <b>Ø (mm)</b>
<b>100</b>	48016W4.000133	13,3
	48016W4.000157	15,7
	48016W4.000162	16,2
	48016W4.000175	17,5
	48016W4.000185	18,5
	48016W4.000192	19,2
	48016W4.000198	19,8
	48016W4.000226	22,6
	48016W4.000235	23,5
	48016W4.000256	25,6
	48016W4.000301	30,1
	48016W4.000308	30,8
	48016W4.000316	31,6
	48016W4.000331	33,1
	48016W4.000346	34,6
	48016W4.000396	39,6
	48016W4.000425	42,5

Fabricado em fita de 7 mm  
Made with 7 mm tape

**W4** - Totalmente em Inox AISI 304  
**W4** - Made with Inox AISI 304



**ABRAÇADEIRA CLIK • CLIK CLAMPS**



**Embalagem**  
Package  
(un.)

**100**

**Código**  
code  
**Inox W4**

48017W4.000012

48017W4.000014

48017W4.000015

48017W4.000016

48017W4.000020

48017W4.000026

48017W4.000028

48017W4.000030

48017W4.000033

**Medida**  
size  
**Ø (mm)**

12

14

15

16

20

26

28

30

33

Fabricado em fita de 8 mm  
Made with 8 mm tape

**W4** - Totalmente em Inox AISI 304

**W4** - Made with Inox AISI 304



## ABRAÇADEIRA FOLES CARDAN CARDAN FOLES CLAMP



### ABRAÇADEIRA FOLES CARDAN • CARDAN FOLES CLAMP

#### Embalagem

Package  
(un.)

**100**

#### Código code

#### Inox W4

48018W4.025040

48018W4.045120

#### Aperto Grip

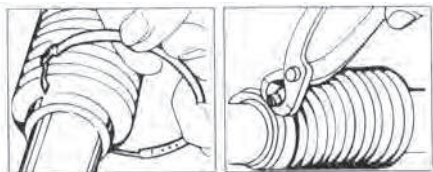
**(mm)**

25-40

45-120

**W4** - Totalmente em Inox AISI 304

**W4** - Made with Inox AISI 304



Fabricado em fita de 7 mm

Made with 7 mm tape





## ABRAÇADEIRA TERRA SOIL CLAMPS



### ABRAÇADEIRA TERRA • SOIL CLAMPS

<b>Embalagem</b> Package (un.)	<b>Código</b> code	<b>Banda</b> Tape <b>(m)</b>	<b>Aperto</b> Grip <b>(mm)</b>
<b>10</b>	48019TE.000112		1/8-11/2"
<b>5</b>	48019TE.000004	18x0,25	1/8-4"

(CUSN4) - Extra forte cunhado pelo fogo

(CUSN4) - Extra strong stamped by fire

# ABRAÇADEIRA 2 ORELHAS

2 EARS CLAMPS



## ABRAÇADEIRA 2 ORELHAS • 2 EARS CLAMPS

Embalagem Package (un.)	Código • Code		Medida Size (mm)	W (mm)
	W4	W1		
500	48020W4.005007	48020W1.005007	5 - 7	6
	48020W4.007009	48020W1.007009	7 - 9	
	48020W4.009011	48020W1.009011	9-11	7
	48020W4.010012	48020W1.010012	10-12	
250	48020W4.011013	48020W1.011013	11-13	8
	48020W4.013015	48020W1.013015	13-15	
	48020W4.014017	48020W1.014017	14-17	9
	48020W4.015018	48020W1.015018	15-18	
	48020W4.017020	48020W1.017020	17-20	10
	48020W4.018021	48020W1.018021	18-21	
100	48020W4.020023	48020W1.020023	20-23	9
	48020W4.022025	48020W1.022025	22-25	
		48020W1.023027	23-27	10
		48020W1.025028	25-28	
		48020W1.028031	28-31	10
		48020W1.031034	31-34	
	48020W1.034037	34-37	10	
	48020W1.037040	37-40		
	48020W1.040043	40-43	10	
	48020W1.043046	43-46		

W1: Zincado      W4: Inox (AISI 304)

W1 - Galvanized      W4 - Made with Inox AISI 304



## ABRAÇADEIRA 1 ORELHA

1 EAR CLAMPS

### ABRAÇADEIRA 1 ORELHA • HEAD ROCKER CLAMPS



Embalagem Package (un.)	Código • Code		Medida Size (mm)	W (mm)
	W4	W1		
500	48021W4.007009	48021W1.007009	7-9	6
	48021W4.008010	48021W1.008010	8-10	
	48021W4.009011	48023W1.009011	9-11	
	48021W4.010012	48021W1.010012	10-12	
	48021W4.011013	48021W1.011013	11-13	7
	48021W4.012014	48021W1.012014	12-14	
	48021W4.013015		13-15	
	48021W4.014016	48021W1.014016	14-16	
	480214.016018	48021W1.016018	16-18	

**W1:** Zincado    **W4:** Inox (AISI 304)

**W1** - Galvanized    **W4** - Made with Inox AISI 304

**ABRAÇADEIRA 1 ORELHA C/ ANILHA INTERIOR**  
1 EAR CLAMP WITH RING



**ABRAÇADEIRA 1 ORELHA C/ ANILHA INTERIOR • 1 EAR CLAMP WITH RING**

Embalagem Package (un.)	Código • Code		Medida Size (mm)	W (mm)
	W4	W1		
250	48022W4.007008	48022W1.007008	7,5-8,5	6
	48022W4.008009	48022W1.008009	8,2-9,5	
	48022W4.009010	48022W1.009010	9-10,5	
	48022W4.010011	48022W1.010011	10-11,5	
	48022W4.010012	48022W1.010012	10,5-12,5	
	48022W4.011013	48022W1.011013	11,5-13,5	
	48022W4.013015	48022W1.013015	13-15,3	7
	48022W4.014016		14-16,3	
	48022W4.015017	48022W1.015017	15-17,3	
	48022W4.016018		16-18,3	
	48022W4.017019		17-19,3	

**W1:** Zincado    **W4:** Inox (AISI 304)

**W1** - Galvanized    **W4** - Made with Inox AISI 304



## ABRAÇADEIRA GÁS GALP GALP GAS BRACKET

### ABRAÇADEIRA GÁS GALP • GALP GAS BRACKET



<b>Embalagem</b> Package (un.)	<b>Código</b> Code	<b>Aperto</b> Grip <b>(mm)</b>
<b>100</b>	48023GA.016018	16-18
	48023GA.018020	18-20
	48023GA.020022	20-22

# ABRAÇADEIRA GÁS L

L GAS BRACKET



## ABRAÇADEIRA GÁS L • L GAS BRACKET

### Embalagem

Package  
(un.)

**100**

### Código

Code

48024GA.014015

48024GA.016018

### Aperto

Grip  
(mm)

14-15

16-18



## ABRAÇADEIRA GÁS GAS BRACKET

### ABRAÇADEIRA GÁS • GAS BRACKET



#### Embalagem

Package  
(un.)

100

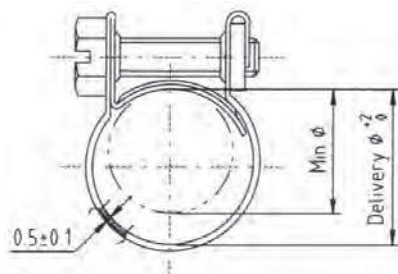
#### Código

Code

#### Aperto

Grip  
(mm)

48025GA.006008	6-8
48025GA.007009	7-9
48025GA.008010	8-10
48025GA.009011	9-11
48025GA.010012	10-12
48025GA.011013	11-13
48025GA.012014	12-14
48025GA.013015	13-15
48025GA.014016	14-16
48025GA.015017	15-17
48025GA.016018	16-18
48025GA.017019	17-19
48025GA.018020	18-20
48025GA.019021	19-21
48025GA.020022	20-22
48025GA.021023	21-23
48025GA.022024	22-24
48025GA.023025	23-25
48025GA.024026	24-26
48025GA.025027	25-27
48025GA.026028	26-28
48025GA.027029	27-29
48025GA.028030	28-30
48025GA.029031	29-31
48025GA.030032	30-32
48025GA.031033	31-33
48025GA.032034	32-34





**ABRAÇADEIRA DE ESCAPE M8 • EXHAUST CLAMP**

**Embalagem**

Package  
(un.)

**Código • Code**

**Ø**  
**mm**

**50**

<b>W4</b>	<b>W1</b>	
48026W4.000032	48026W1.000032	32
48026W4.000035	48026W1.000035	35
48026W4.000038	48026W1.000038	38
48026W4.000040	48026W1.000040	40
48026W4.000042	48026W1.000042	42
48026W4.000044	48026W1.000044	44
48026W4.000048	48026W1.000048	48
48026W4.000052	48026W1.000052	52
48026W4.000054	48026W1.000054	54
48026W4.000057	48026W1.000057	57
48026W4.000060	48026W1.000060	60
48026W4.000065	48026W1.000065	65
48026W4.000070	48026W1.000070	70
48026W4.000076	48026W1.000076	76

**W1:** Zincado      **W4:** Inox (AISI 304)

**W1** - Galvanized      **W4** - Made with Inox AISI 304





ABRAÇADEIRA HERCULES • HERCULES CLAMPS



**Embalagem**  
Package  
(un.)

**Código • Code**

**Inox 304**

**Zincado**  
Galvanized

POL.  
INCH

**Aperto**  
Grip  
(mm)

**50**

48027W4.027031				27-31
48027W4.033037	48027W1.033037		1	33-37
48027W4.043047	48027W1.043047			43-47
48027W4.049054	48027W1.049054			49-54
48027W4.055060	48027W1.055060			55-60
48027W4.060065	48027W1.060065			60-65
48027W4.062067	48027W1.062067		2	62-67
48027W4.068075	48027W1.068075			68-75
48027W4.077083	48027W1.077083			77-83
48027W4.080086	48027W1.080086			80-86
48027W4.090096	48027W1.090096		3	90-96
48027W4.098105	48027W1.098105			98-105
48027W4.108115	48027W1.108115		4	108-115
48027W4.114120	48027W1.114120			114-120
48027W4.137145	48027W1.137145		5	137-145

**Zincado - Banda 19x0,8 W1 Totalmente em Inox AISI 304 - Banda 20x1 Inox W4**  
**Galvanized - 19x0,8 W1 tape Inox AISI 304 - 20x1 Inox tape**



Chapa 18mm Parafuso M5  
18 mm Plate / M5 Screw

**ABRAÇADEIRA SUPER • SUPER CLAMPS**

Embalagem Package (un.)	Código • Code				Medida Size (mm)
	W5	W4	W2	W1	
<b>100</b>	48028W5.017019	48028W4.017019	48028W2.017019	48028W1.017019	17-19
	48028W5.020022	48028W4.020022	48028W2.020022	48028W1.020022	20-22
	48028W5.023025	48028W4.023025	48028W2.023025	48028W1.023025	23-25
	48028W5.026028	48028W4.026028	48028W2.026028	48028W1.026028	26-28
	48028W5.029031	48028W4.029031	48028W2.029031	48028W1.029031	29-31
	48028W5.032035	48028W4.032035	48028W2.032035	48028W1.032035	32-35
	48028W5.036039	48028W4.036039	48028W2.036039	48028W1.036039	36-39
	48028W5.040043	48028W4.040043	48028W2.040043	48028W1.040043	40-43
	48028W5.044047	48028W4.044047	48028W2.044047	48028W1.044047	44-47
	<b>50</b>	48028W5.048051	48028W4.048051	48028W2.048051	48028W1.048051

**W1:** Chapa, taco e parafuso zincado    **W2:** Chapa inox (AISI 304), taco e parafuso zincado  
**W4:** Chapa e parafuso inox (AISI 304), taco latão niquelado    **W5:** Chapa e parafuso inox (AISI 316), taco latão niquelado

**W1:** Plate, taco e galvanized screw    **W2:** Inox Plate (AISI 304), taco and galvanized screw  
**W4:** Inox Plate / inox screw (AISI 304), taco latão niquelado    **W5:** Inox Plate / inox screw (AISI 316), taco latão niquelado



**ABRAÇADEIRA SUPER • SUPER CLAMPS**



Chapa 20mm Parafuso M6  
20 mm Plate / M6 Screw

Embalagem	Código • Code				Medida Size (mm)
	W5	W4	W2	W1	
<b>100</b>	48029W5.023025	48029W4.023025	48029W2.023025	48029W1.023025	23-25
	48029W5.026028	48029W4.026028	48029W2.026028	48029W1.026028	26-28
	48029W5.029031	48029W4.029031	48029W2.029031	48029W1.029031	29-31
	48029W5.032035	48029W4.032035	48029W2.032035	48029W1.032035	32-35
<b>90</b>	48029W5.036039	48029W4.036039	48029W2.036039	48029W1.036039	36-39
<b>75</b>	48029W5.040043	48029W4.040043	48029W2.040043	48029W1.040043	40-43
	48029W5.044047	48029W4.044047	48029W2.044047	48029W1.044047	44-47
<b>70</b>	48029W5.048051	48029W4.048051	48029W2.048051	48029W1.048051	48-51
<b>60</b>	48029W5.052055	48029W4.052055	48029W2.052055	48029W1.052055	52-55
<b>50</b>	48029W5.056059	48029W4.056059	48029W2.056059	48029W1.056059	56-59
<b>40</b>	48029W5.060063	48029W4.060063	48029W2.060063	48029W1.060063	60-63
	48029W5.064067	48029W4.064067	48029W2.064067	48029W1.064067	64-67
	48029W5.068073	48029W4.068073	48029W2.068073	48029W1.068073	68-73
	48029W5.074079	48029W4.074079	48029W2.074079	48029W1.074079	74-79
<b>50</b>	48029W5.080085	48029W4.080085	48029W2.080085	48029W1.080085	80-85
	48029W5.086091	48029W4.086091	48029W2.086091	48029W1.086091	86-91
	48029W5.092097	48029W4.092097	48029W2.092097	48029W1.092097	92-97
<b>25</b>	48029W5.098103	48029W4.098103	48029W2.098103	48029W1.098103	98-103
	48029W5.104112	48029W4.104112	48029W2.104112	48029W1.104112	104-112

**W1:** Chapa, taco e parafuso zincado    **W2:** Chapa inox (AISI 304), taco e parafuso zincado  
**W4:** Chapa e parafuso inox (AISI 304), taco latão niquelado    **W5:** Chapa e parafuso inox (AISI 316), taco latão niquelado

**W1:** Plate, taco e galvanizado screw    **W2:** Inox Plate (AISI 304), taco and galvanizado screw  
**W4:** Inox Plate / inox screw (AISI 304), taco latão niquelado    **W5:** Inox Plate / inox screw (AISI 316), taco latão niquelado



# ABRAÇADEIRA SUPER SUPER CLAMPS



Chapa 25mm Parafuso M8  
25 mm Plate / M8 Screw

## ABRAÇADEIRA SUPER • SUPER CLAMPS

Embalagem Package (un.)	Código • Code				Medida Size (mm)
	W5	W4	W2	W1	
50	48030W5.044047	48030W4.044047	48030W2.044047	48030W1.044047	44-47
48	48030W5.048051	48030W4.048051	48030W2.048051	48030W1.048051	48-51
36	48030W5.052055	48030W4.052055	48030W2.052055	48030W1.052055	52-55
32	48030W5.056059	48030W4.056059	48030W2.056059	48030W1.056059	56-59
60	48030W5.060063	48030W4.060063	48030W2.060063	48030W1.060063	60-63
	48030W5.064067	48030W4.064067	48030W2.064067	48030W1.064067	64-67
52	48030W5.068073	48030W4.068073	48030W2.068073	48030W1.068073	68-73
48	48030W5.074079	48030W4.074079	48030W2.074079	48030W1.074079	74-79
44	48030W5.080085	48030W4.080085	48030W2.080085	48030W1.080085	80-85
36	48030W5.086091	48030W4.086091	48030W2.086091	48030W1.086091	86-91
32	48030W5.092097	48030W4.092097	48030W2.092097	48030W1.092097	92-97
24	48030W5.098103	48030W4.098103	48030W2.098103	48030W1.098103	98-103
	48030W5.104112	48030W4.104112	48030W2.104112	48030W1.104112	104-112
20	48030W5.113121	48030W4.113121	48030W2.113121	48030W1.113121	113-121
	48030W5.122130	48030W4.122130	48030W2.122130	48030W1.122130	122-130
16	48030W5.131139	48030W4.131139	48030W2.131139	48030W1.131139	131-139
	48030W5.140148	48030W4.140148	48030W2.140148	48030W1.140148	140-148
8	48030W5.149161	48030W4.149161	48030W2.149161	48030W1.149161	149-161
	48030W5.162174	48030W4.162174	48030W2.162174	48030W1.162174	162-174
	48030W5.175187	48030W4.175187	48030W2.175187	48030W1.175187	175-187
	48030W5.188200	48030W4.188200	48030W2.188200	48030W1.188200	188-200

**W1:** Chapa, taco e parafuso zincado    **W2:** Chapa inox (AISI 304), taco e parafuso zincado  
**W4:** Chapa e parafuso inox (AISI 304), taco latão níquelado    **W5:** Chapa e parafuso inox (AISI 316), taco latão níquelado

**W1:** Plate, taco e galvanized screw    **W2:** Inox Plate (AISI 304), taco and galvanized screw  
**W4:** Inox Plate / inox screw (AISI 304), taco latão níquelado    **W5:** Inox Plate / inox screw (AISI 316), taco latão níquelado



## ABRAÇADEIRA SUPER SUPER CLAMPS

### ABRAÇADEIRA SUPER • SUPER CLAMPS



Chapa 25mm Parafuso M8  
25 mm Plate / M8 Screw

Embalagem Package (un.)	Código • Code				Medida Size (mm)
	W5	W4	W2	W1	
5	48030W5.201213	48030W4.201213	48030W2.201213	48030W1.201213	201-213
	48030W5.214226	48030W4.214226	48030W2.214226	48030W1.214226	214-226
	48030W5.227239	48030W4.227239	48030W2.227239	48030W1.227239	227-239
	48030W5.240255	48030W4.240255	48030W2.240255	48030W1.240255	240-255
	48030W5.250265	48030W4.250265	48030W2.250265	48030W1.250265	250-265
	48030W5.260275	48030W4.260275	48030W2.260275	48030W1.260275	260-275
	48030W5.275290	48030W4.275290	48030W2.275290	48030W1.275290	275-290
	48030W5.290305	48030W4.290305	48030W2.290305	48030W1.290305	290-305
	48030W5.300315	48030W4.300315	48030W2.300315	48030W1.300315	300-315
	48030W5.310325	48030W4.310325	48030W2.310325	48030W1.310325	310-325
	48030W5.320335	48030W4.320335	48030W2.320335	48030W1.320335	320-335
	48030W5.330345	48030W4.330345	48030W2.330345	48030W1.330345	330-345
	48030W5.350365	48030W4.350365	48030W2.350365	48030W1.350365	350-365
	48030W5.360375	48030W4.360375	48030W2.360375	48030W1.360375	360-375
	48030W5.375390	48030W4.375390	48030W2.375390	48030W1.375390	375-390
	48030W5.390405	48030W4.390405	48030W2.390405	48030 W1.390405	390-405

**W1:** Chapa, taco e parafuso zincado    **W2:** Chapa inox (AISI 304), taco e parafuso zincado  
**W4:** Chapa e parafuso inox (AISI 304), taco latão niquelado    **W5:** Chapa e parafuso inox (AISI 316), taco latão niquelado  
**W1:** Plate, taco e galvanized screw    **W2:** Inox Plate (AISI 304), taco and galvanized screw  
**W4:** Inox Plate / inox screw (AISI 304), taco latão niquelado    **W5:** Inox Plate / inox screw (AISI 316), taco latão niquelado

# ABRAÇADEIRA SUPER SUPER CLAMPS



Chapa 30mm Parafuso M10  
30 mm Plate / M10 Screw

## ABRAÇADEIRA SUPER • SUPER CLAMPS

Embalagem Package (un.)	Código • Code		Medida Size (mm)
	W5	W1	
25	48031W5.086091	48031W1.086091	86-91
	48031W5.092097	48031W1.092097	92-97
	48031W5.098103	48031W1.098103	98-103
	48031W5.104112	48031W1.104112	104-112
15	48031W5.113121	48031W1.113121	113-121
	48031W5.122130	48031W1.122130	122-130
	48031W5.131139	48031W1.131139	131-139
	48031W5.140148	48031W1.140148	140-148
	48031W5.149161	48031W1.149161	149-161
	48031W5.162174	48031W1.162174	162-174
10	48031W5.175187	48031W1.175187	175-187
	48031W5.188200	48031W1.188200	188-200
	48031W5.201213	48031W1.201213	201-213
	48031W5.214226	48031W1.214226	214-226
	48031W5.227239	48031W1.227239	227-239
	48031W5.240255	48031W1.240255	240-255
	48031W5.250265	48031W1.250265	250-265
	48031W5.260275	48031W1.260275	260-275
	48031W5.275290	48031W1.275290	275-290
	48031W5.290305	48031W1.290305	290-305

**W1:** Chapa, taco e parafuso zincado **W5:** Chapa, taco e parafuso inox (AISI 316)

**W1:** Plate, taco e galvanized screw **W5:** Inox Plate / inox screw (AISI 316), taco latão niquelado

# ABRAÇADEIRA SUPER SUPER CLAMPS



Chapa 30mm Parafuso M10  
30 mm Plate / M10 Screw

## ABRAÇADEIRA SUPER • SUPER CLAMPS

Embalagem Package (un.)	Código • Code		Medida Size (mm)
	W5	W1	
5	48031W5.300315	48031W1.300315	300-315
	48031W5.310325	48031W1.310325	310-325
	48031W5.320335	48031W1.320335	320-335
	48031W5.330345	48031W1.330345	330-345
	48031W5.350365	48031W1.350365	350-365
	48031W5.360375	48031W1.360375	360-375
	48031W5.375390	48031W1.375390	375-390
	48031W5.390405	48031W1.390405	390-405
	48031W5.405420	48031W1.405420	405-420
	48031W5.425440	48031W1.425440	425-440
	48031W5.440455	48031W1.440455	440-455
	48031W5.450465	48031W1.450465	450-465
	48031W5.465480	48031W1.465480	465-480
	48031W5.480495	48031W1.480495	480-495
	48031W5.495510	48031W1.495510	495-510
	48031W5.510525	48031W1.510525	510-525
48031W5.525540	48031W1.525540	525-540	

**W1:** Chapa, taco e parafuso zincado **W5:** Chapa, taco e parafuso inox (AISI 316)

**W1:** Plate, taco e galvanized screw **W5:** Inox Plate / inox screw (AISI 316), taco latão niquelado



## ABRAÇADEIRA SUPER DE MOLA SUPER CLAMPS WITH SPRING

### ABRAÇADEIRA SUPER DE MOLA • SUPER CLAMPS WITH SPRING



Mola 20mm  
20 mm spring

Embalagem Package (un.)	Código • Code		Medida Size (mm)	Banda Tape (mm)	Parafuso Screw
	W2	W1			
50	48032W2.048058	48032W1.048058	48-58	20x1	M6x80
	48032W2.055065	48032W1.055065	55-65		
	48032W2.060070	48032W1.060070	60-70		
	48032W2.064074	48032W1.064074	64-74		
	48032W2.069079	48032W1.069079	69-79		
	48032W2.072082	48032W1.072082	72-82		
	48032W2.073083	48032W1.073083	73-83		
	48032W2.074084	48032W1.074084	74-84		
	48032W2.080090	48032W1.080090	80-90		
	48032W2.083093	48032W1.083093	83-93		
	48032W2.087097	48032W1.087097	87-97		
	48032W2.088098	48032W1.088098	88-98		
	48032W2.092102	48032W1.092102	92-102		
	48032W2.094104	48032W1.094104	94-104		
	48032W2.097107	48032W1.097107	97-107		
	48032W2.099109	48032W1.099109	99-109		
	48032W2.100110	48032W1.100110	100-110		
	48032W2.104114	48032W1.104114	104-114		
	48032W2.106116	48032W1.106116	106-116		
	48032W2.112122	48032W1.112122	112-122		
48032W2.115125	48032W1.115125	115-125			
48032W2.120130	48032W1.120130	120-130			
48032W2.130140	48032W1.130140	130-140			

W1- Zincado W2 - Fita/Cabeça Inox AISI 304 e PF Zincado

W1 - Galvanized W2 - Tape/head Inox AISI 304 e PF galvanized



## ABRAÇADEIRAS ESPECIAIS SPECIAL SUPER CLAMPS

### ABRAÇADEIRAS ESPECIAIS • SPECIAL SUPER CLAMPS



Banda 20, 25 and 30mm zinc.

Parafuso: DIN 912 or DIN 933, sem ou com sistema de montagem rápida

Com ou sem borracha

Galvanized tape 20, 25 and 30mm

Screw: DIN 912 or DIN 933, with or without quick assembly

With or without rubber

**W1**- Zincado    **W2** - Fita/Cabeça Inox AISI 304 e PF Zincado

**W1** - Galvanized    **W2** - Tape/head Inox AISI 304 e PF galvanized



## ABRAÇADEIRA SUPER DUPLA SUPER CLAMPS DOUBLE

### ABRAÇADEIRA SUPER DUPLA • SUPER CLAMPS DOUBLE

**Banda • Tape - 20mm**  
**Parafuso • Screw M6**

**Grip**

40-48	120-128
48-56	128-136
56-64	136-146
64-72	146-156
72-80	156-166
80-88	166-176
88-96	176-186
96-104	186-196
104-112	196-206
112-120	206-216
	216-226

**Banda • Tape - 25mm**  
**Parafuso • Screw M8**

**Grip**

80-95	245-265
95-110	265-285
110-125	285-305
125-140	305-325
140-155	325-345
155-170	345-365
170-185	365-385
185-205	385-405
205-225	405-425
225-245	425-445
	445-465

**Banda • Tape - 30mm**  
**Parafuso • Screw M10**

**Grip**

80-95	245-265
95-110	265-285
110-125	285-305
125-140	305-325
140-155	325-345
155-170	345-365
170-185	365-385
185-205	385-405
205-225	405-425
225-245	425-445
	445-465



Mola 20mm  
20 mm spring

**W1:** Chapa, taco e parafuso zincado    **W5:** Chapa, taco e parafuso inox (AISI 316)

**W1:** Galvanized    **W5:** Inox (AISI 316)



# CLAMPS

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