

2016

HigVal

INDÚSTRIA E COMÉRCIO LTDA

Fixadores Para Perfis de Alumínio



Rua Serra Verde, 07 CEP – 03821-230 Vila Silvia – São Paulo – SP

E-mail – Comercial@higval.com.br

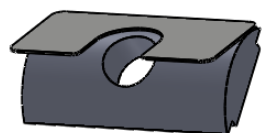
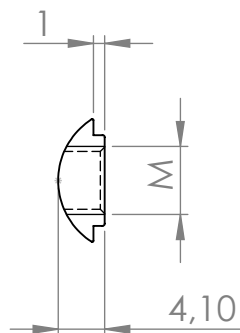
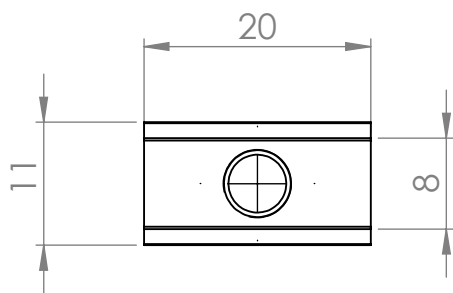
Fone: 11 2544-1622

Higval@higval.com.br

11 2545-1969



Descrição	Paginas
Porcas	1 a 10
Pinos	11 a 33
Buchas e Buchas Roscadas	34 a 40
Parafuso ponta de lápis.....	41
Molas.....	42 e 43



1/2 cana pequena

NR 1487 - M3 x 0,50 mm

NR 133 - M4 x 0,70 mm

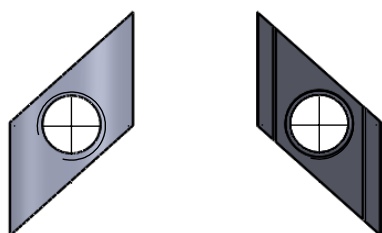
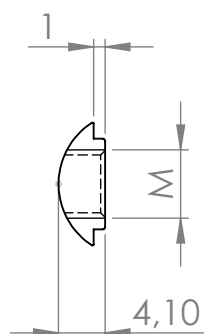
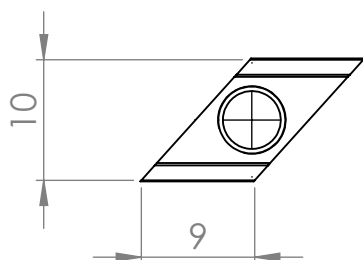
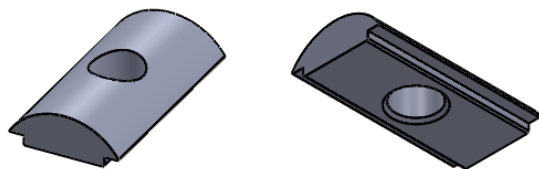
NR 156 - M5 x 0,80 mm

NR 126 - M6 x 1,00 mm

NR 126 - M6 x 1,00 mm (Sem Mola)

NR 160 - M8 x 1,25 mm

NR 1873 M8 - x 1,25 mm (Sem Mola)



Corte Diagonal

NR 262 - M3 x 0,50 mm

NR 215 - M4 x 0,70 mm

NR 216 - M5 x 0,80 mm

NR 159 - M6 x 1,00 mm

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TÍTULO:

**PORCA PERF AÇO 1/2 CANA PQ
"BASE 40/30 CÂNAL 8"**

DES. Nº

A4

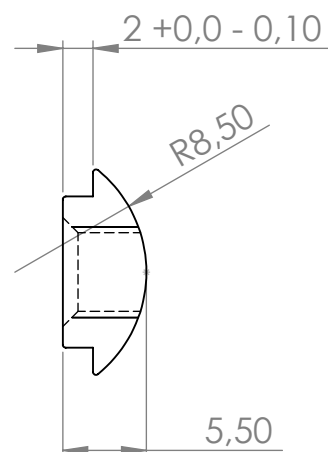
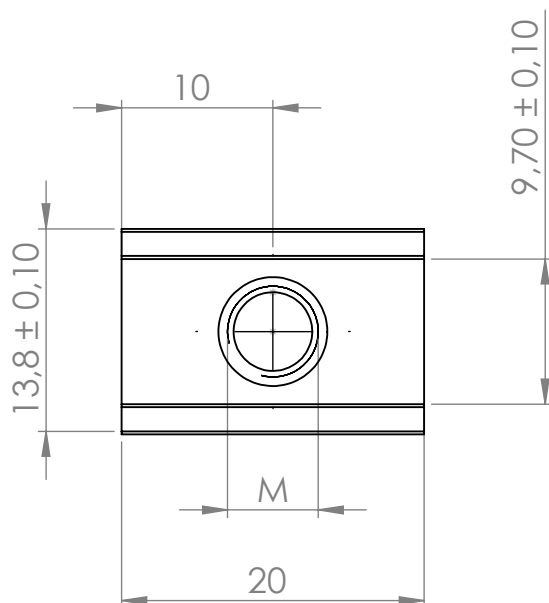


Tabela para Aplicação de Rosca

NR 2123 - M3 x 0,50 mm

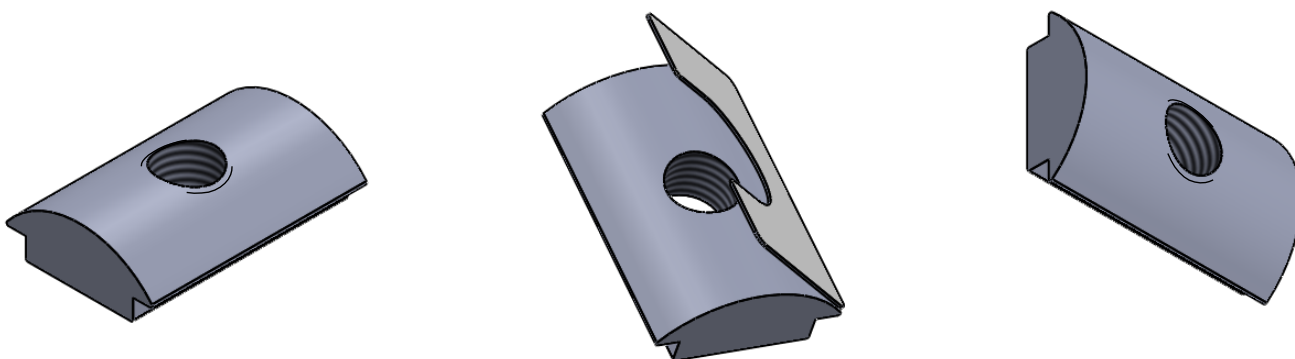
NR 1122 - M4 x 0,70 mm

NR 1121 - M5 x 0,80 mm

NR 1121 SM - M5 x 0,80 mm (Sem Mola)

NR 1119 - M6 x 1,00mm

NR 1120 - M8 x 1,25 mm



Indústria e Comercio Ltda

TÍTULO:

**PORCA PERF AÇO 1/2 CANA Média
CANAL 10**

DES. Nº

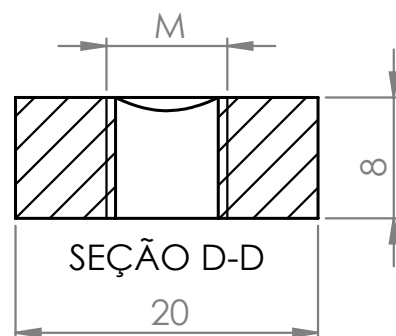
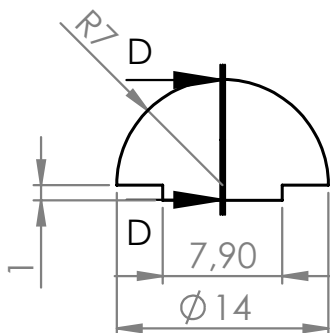


Tabela para aplicação de Rosca

NR 234 - M4 x 0,70

NR 235 - M5 x 0,80

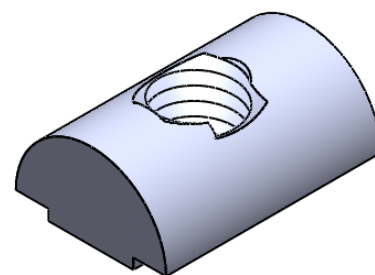
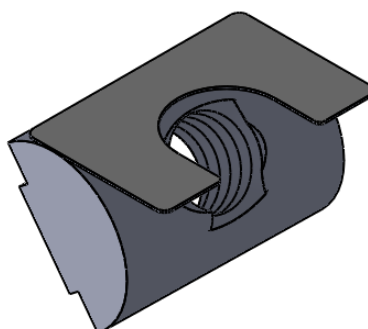
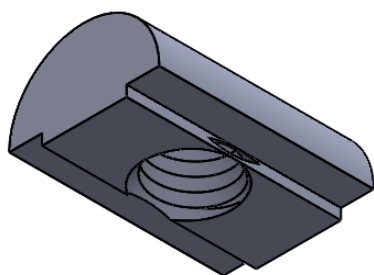
NR 225 - M6 x 1,00

NR 223 - M8 x 1,25

NR 810 - M10 x 1,50

NR 225-SM - M6 x 1,00 (Sem Mola)

NR 223-SM - M8 x 1,25 (Sem Mola)



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TÍTULO:

**PORCA PERF AÇO 1/2 CANA
GD "B-50 CANAL 8"**

DES. Nº

Meia Cana GD

A4

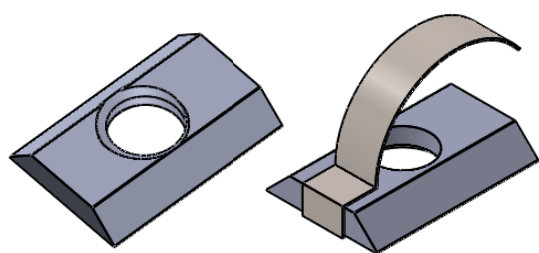
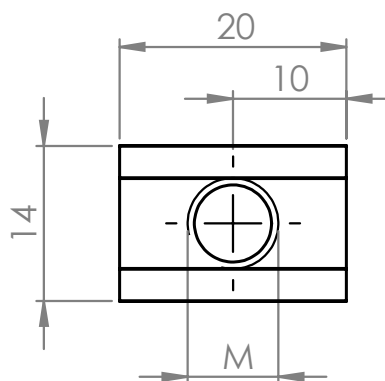
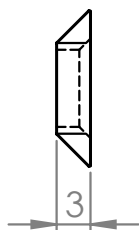


Tabela para aplicações de Rosca	
NR 1633	- M4 x 0,70 mm
NR 1375	- M5 x 0,80 mm
NR 847	- M6 x 1,00 mm
NR 848	- M8 x 1,25 mm
NR 2192	- M8 x 1,00 mm (sem Mola)

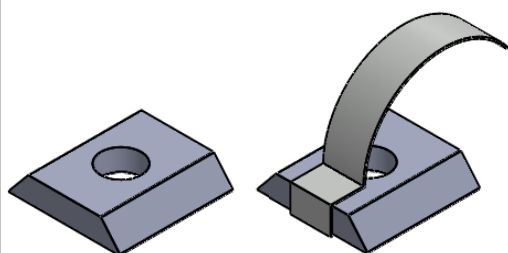
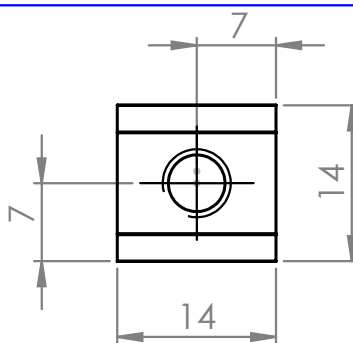
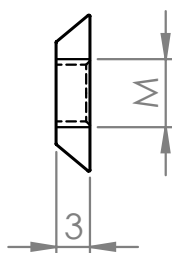


Tabela para aplicações de Rosca	
NR 1948	- M3 x 0,50
NR 1947	- M4 x 0,70
NR 1946	- M5 x 0,80
NR 1944	- M6 x 1,00
NR 1945	- M8 x 1,25
NR 242	- M3 x 0,50 (sem Mola)
NR 232	- M4 x 0,70 (sem mola)
NR 233	- M5 x 0,80 (sem Mola)
NR 231	- M6 x 1,00 (sem Mola)
NR 265	- M8 x 1,25 (sem Mola)

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TÍTULO:

**PORCA RETANG PERF
AÇO TRAPEZ 3 x 14 mm.**

DES. Nº

Porca de Perfil Trapezoidal

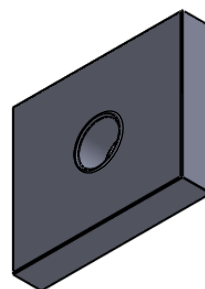
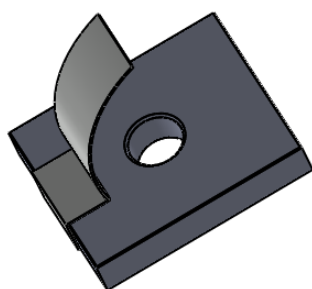
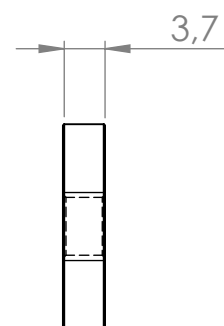
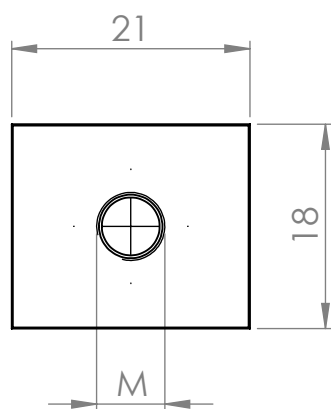


Tabela para aplicação de Roscas

NR 2122 - M3 x 0,50

NR 142 - M4 x 0,70

NR 158 - M5 x 0,80

NR 127 - M6 x 1,00

NR 134 - M8 x 1,25

NR 1535 - M5 x 0,80 (Sem Mola)

NR 1675 - M8 x 1,25 (Sem Mola)

NR 1534 - M4 x 0,70 (Sem Mola)

NR 1333 - M6 x 1,00 (Sem Mola)

NR 1214 - M10 x 1,5 (Sem Mola)

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TÍTULO:

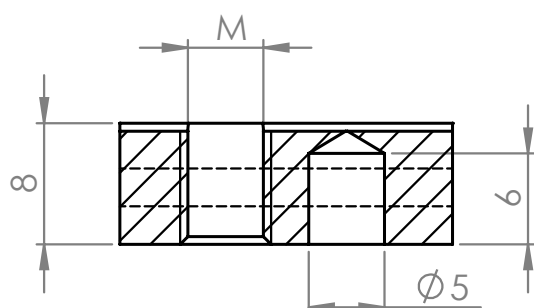
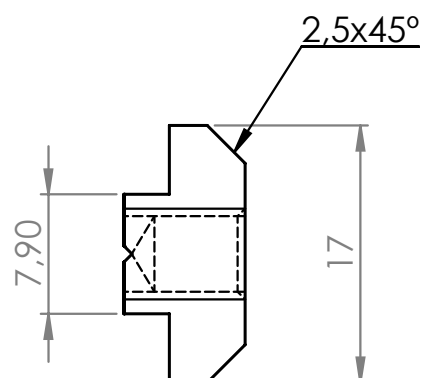
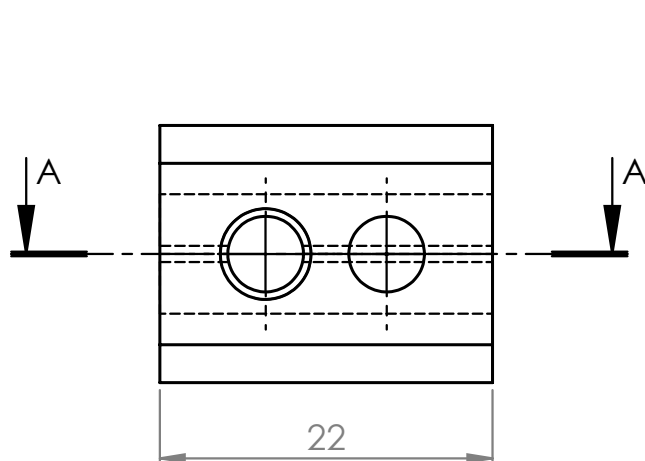
PORCA RETANG AÇO
3,70 x 21 x 18 mm

DES. Nº

Porca Retangular

ESCALA: 1,5:1

FOLHA 1 DE 1



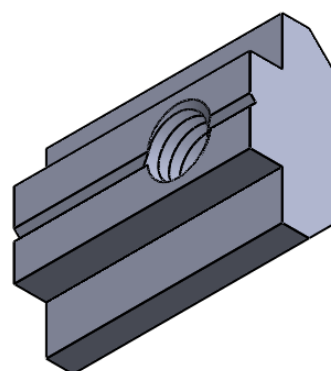
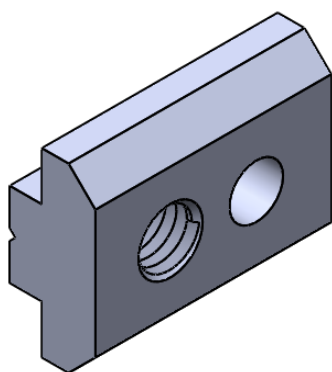
SEÇÃO A-A

Tabela para aplicação de Rosca

NR 1929 - M5 x 0,80 mm

NR 1928 - M6 x 1,00 mm

NR 1924 - M8 x 1,25 mm



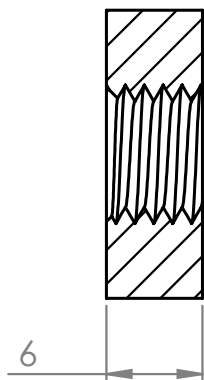
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TÍTULO:

**Porca Trapez em Perfil Aço Tref
1020 17x8x22 mm**

DES. Nº

NR 1929.1928.1924



SEÇÃO A-A

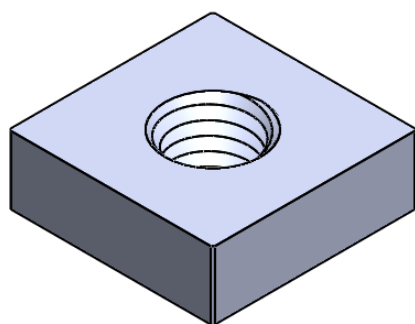
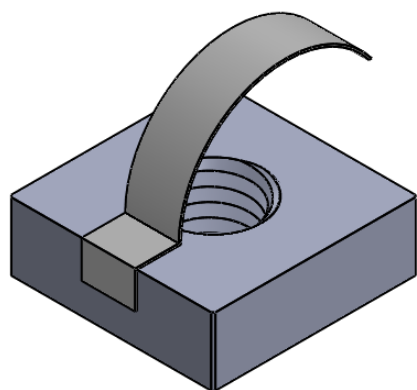
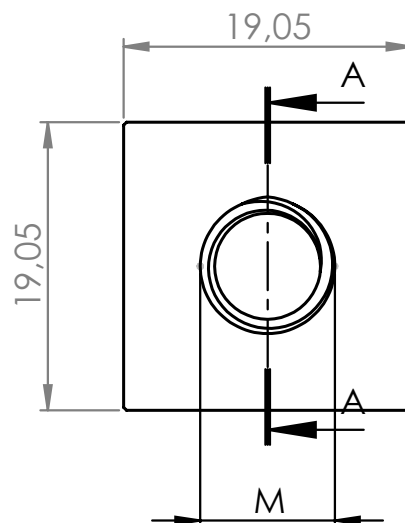


Tabela para aplicação de Rosca

NR 2284 - M5 x 0,80

NR 2239 - M6 x 1,00 (Sem Mola)

NR 418 - M6 x 1,00

NR 415 - M8 x 1,25 (Sem Mola)

NR 1728 - M8 x 1,25

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TÍTULO:

**Porca Torn Aço Chumbaloy
quadrado 3/4 x 6mm**

DES. Nº

porca quad

A4

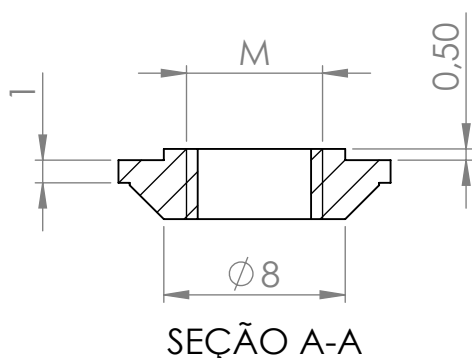
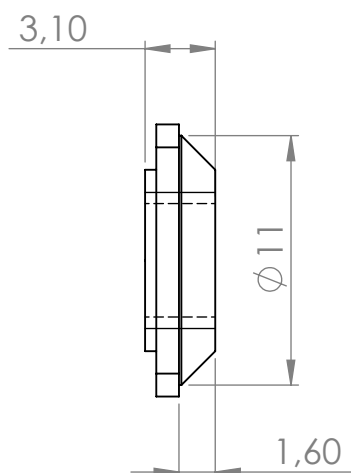
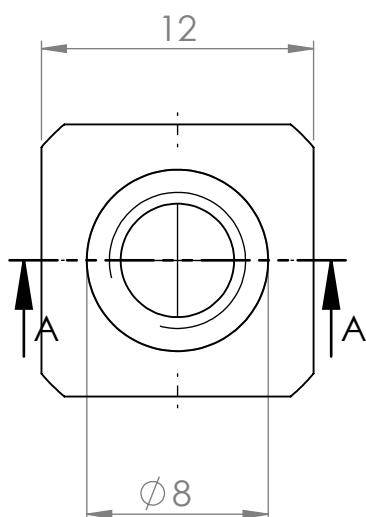


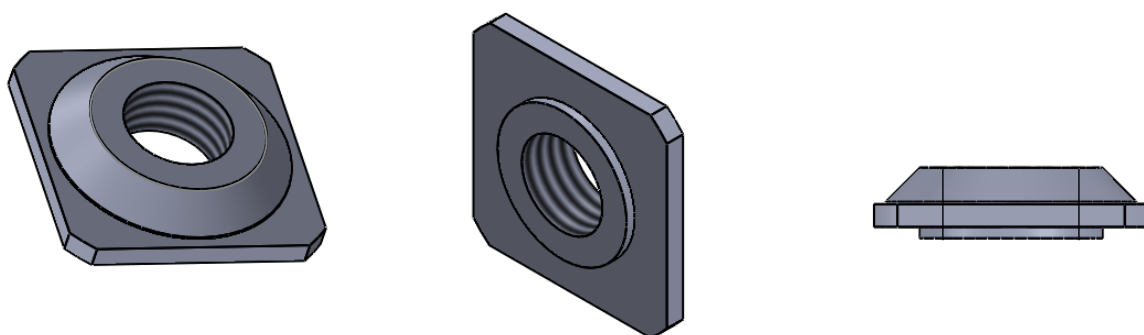
Tabela para aplicações de Rosca

NR 427 - M3 x 0,50 mm

NR 428 - M4 x 0,70 mm

NR 429 - M5 x 0,80 mm

NR 430 - M6 x 1,00 mm



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TÍTULO:

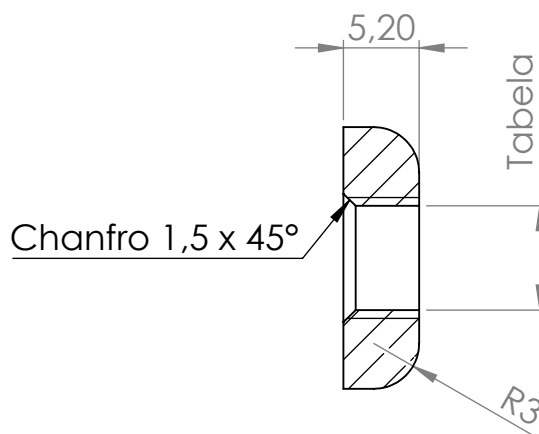
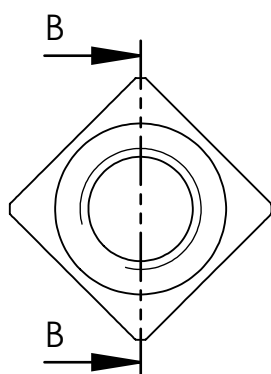
**Porca Torn Aço chumb
Quadrado 12 x 12 x4 mm**

DES. Nº

NR 430

ESCALA:3:1

FOLHA 1 DE 1



SEÇÃO B-B

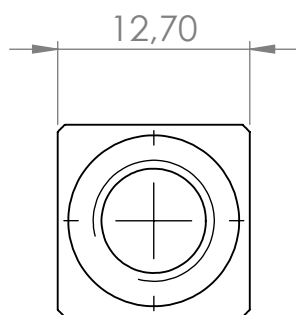


Tabela p/ aplicação de Rosca

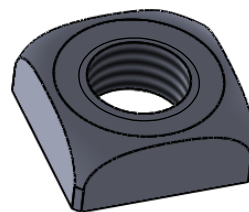
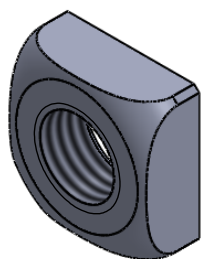
NR 2448 - M4 x 0,50 mm

NR 2324 - M5 x 0,80 mm

NR 2323 - M6 x 1,00 mm

NR 2238 - M8 x 1,25 mm

NR 2238-SM M8 x 1,25 mm

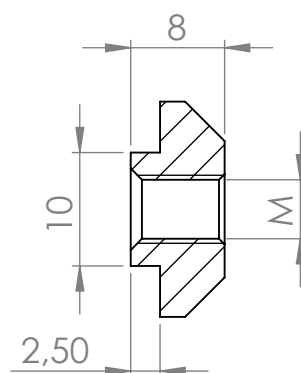
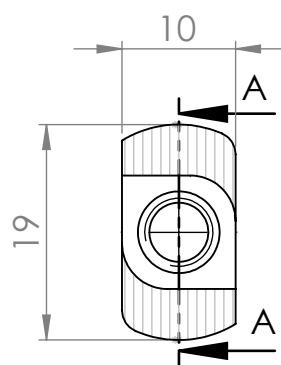


industria e comercio ltda

TÍTULO:

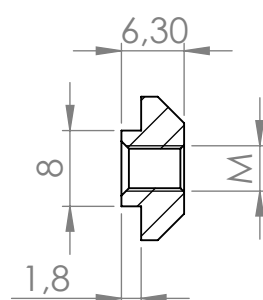
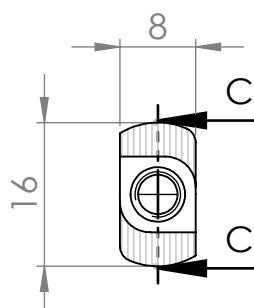
**PORCA QD ABAUL TORN AÇO 12L14
1/2" x 5,20mm.**

Porca Quadrada 12 x 5,20mm



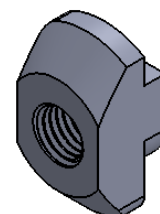
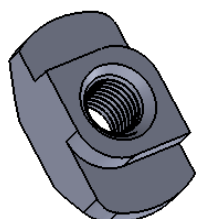
SEÇÃO A-A

Canal 10	
M4	NR 373
M5	NR 164
M6	NR 3005
M8	NR 1544



SEÇÃO C-C
ESCALA 1 : 1

Canal 8	
M4	NR 3688
M5	NR 394
M6	NR 2551



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TÍTULO:

**PORCA MARTELO EM AÇO P/PERFIL
CANAL DE 8 e 10 mm**

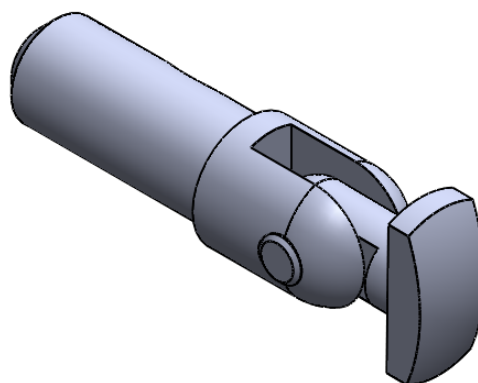
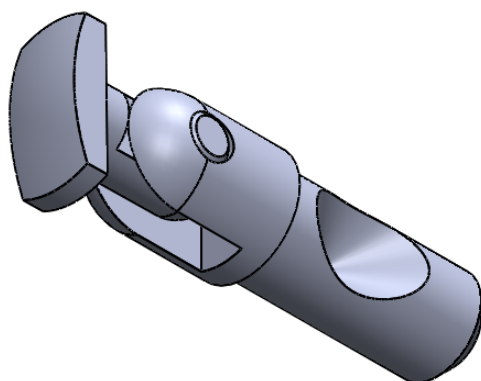
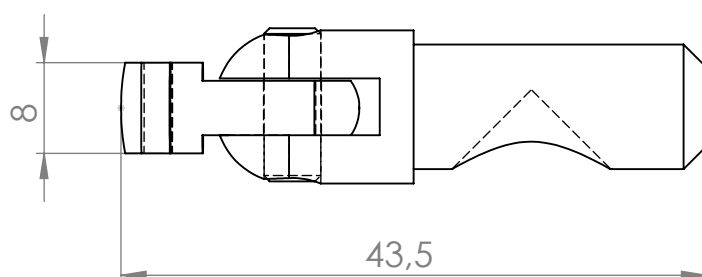
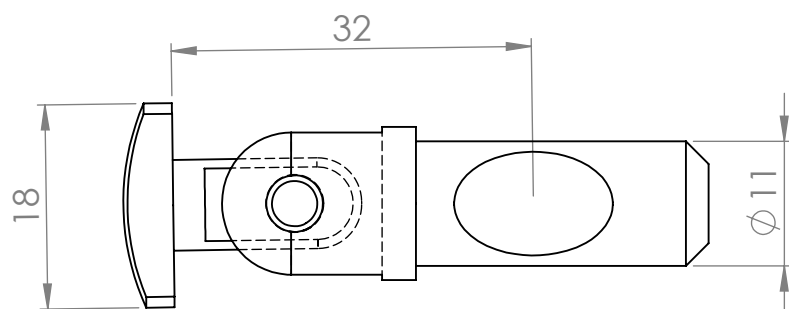
DES. Nº

Porca Martelo

A4

ESCALA: 1.5:1

FOLHA 1 DE 1



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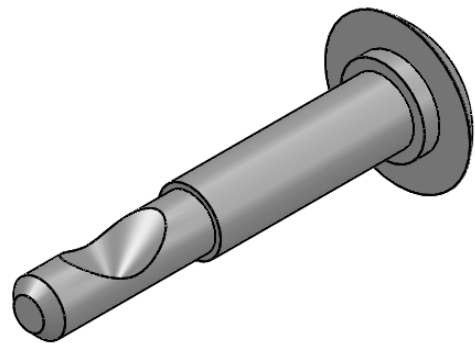
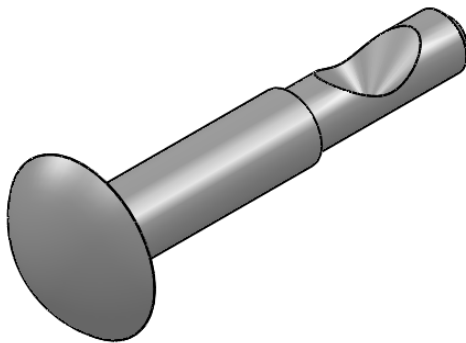
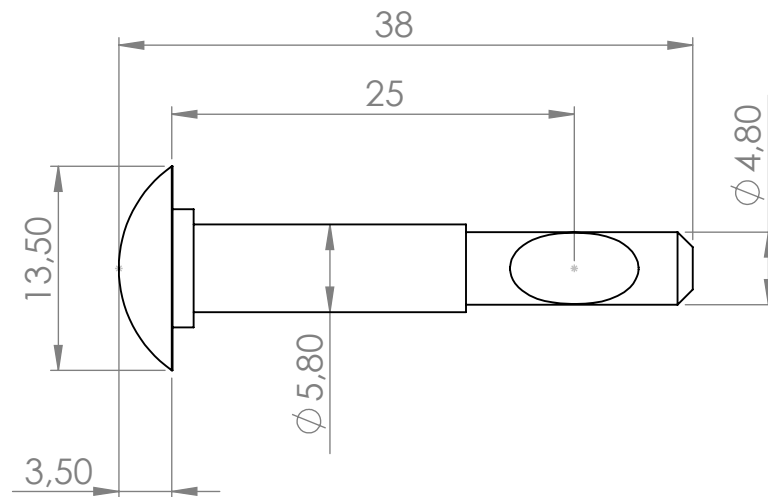
TÍTULO:

Pino angular base 40 cabeça articulada frezagem Horizontal

DES. Nº

NR 669

A4



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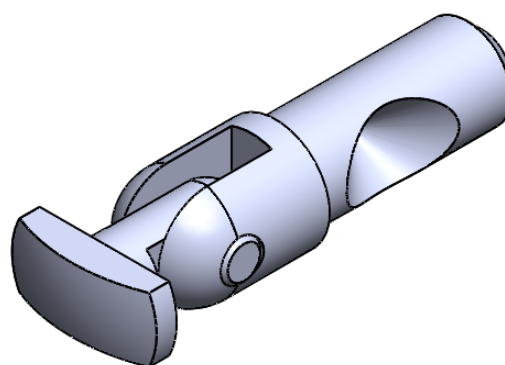
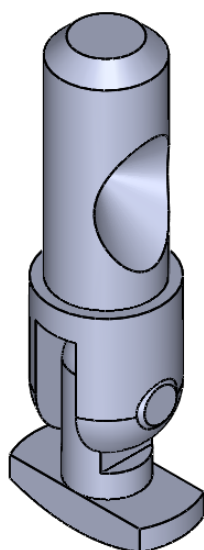
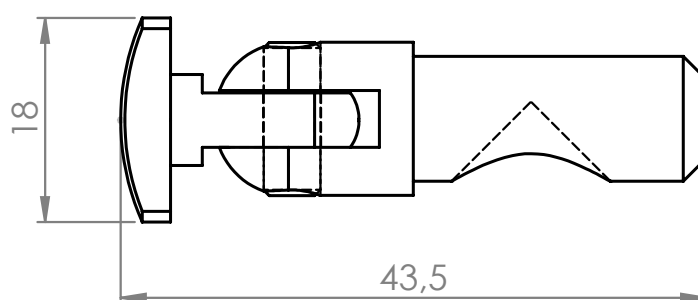
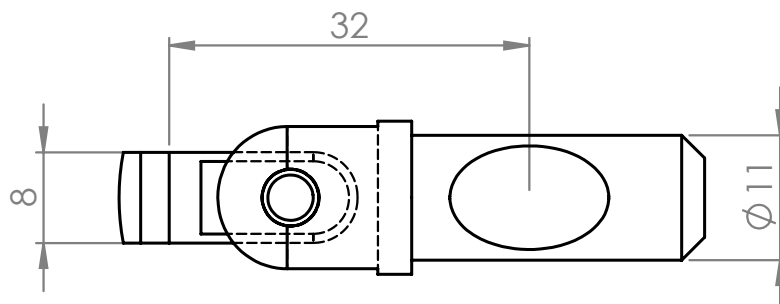
TÍTULO:

**Pino conect 20 torn aço
13,5 x 38 mm**

DES. Nº

NR 830

A4



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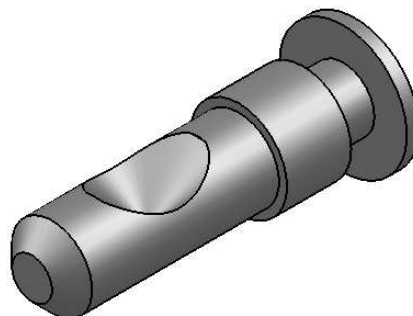
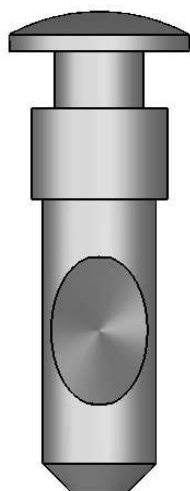
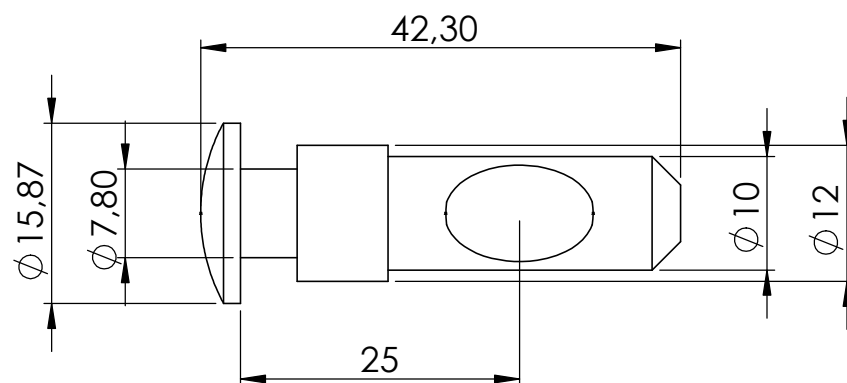
TÍTULO:

Pino angular base 40 cabeça articulada fresagem vertical

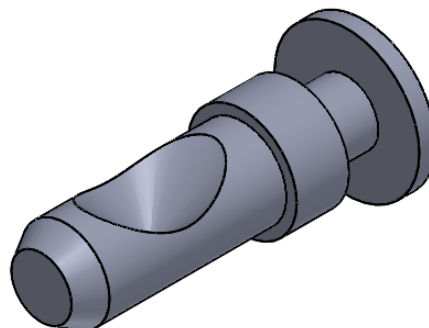
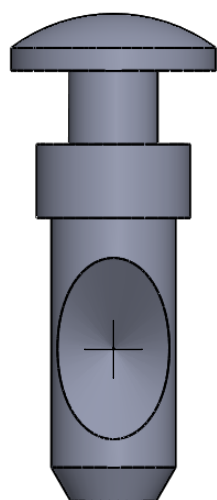
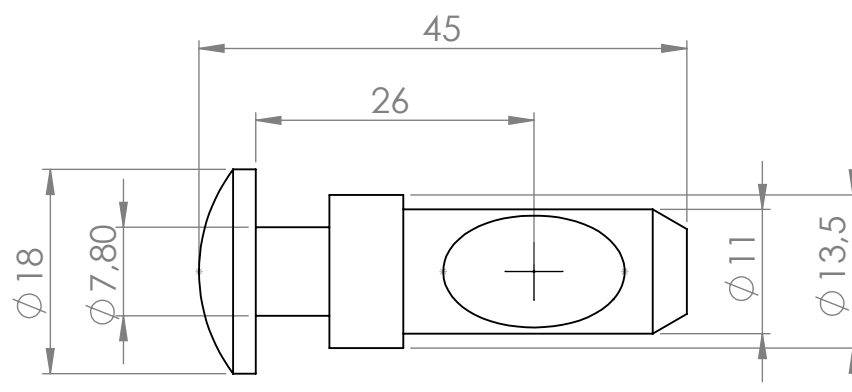
DES. Nº

NR 668

A4



 industria e comercio ltda		
TÍTULO: Pino conect 30 torn aço 5/8 x 42,3 mm		
DES. Nº	NR 138	A4
PESO:	ESCALA: 1.5:1	FOLHA 1 DE 1



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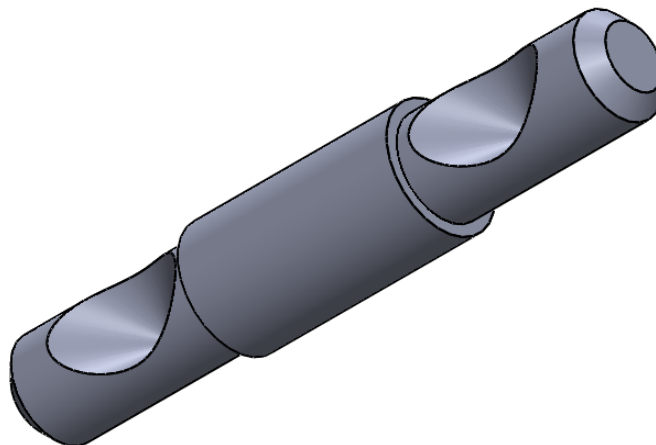
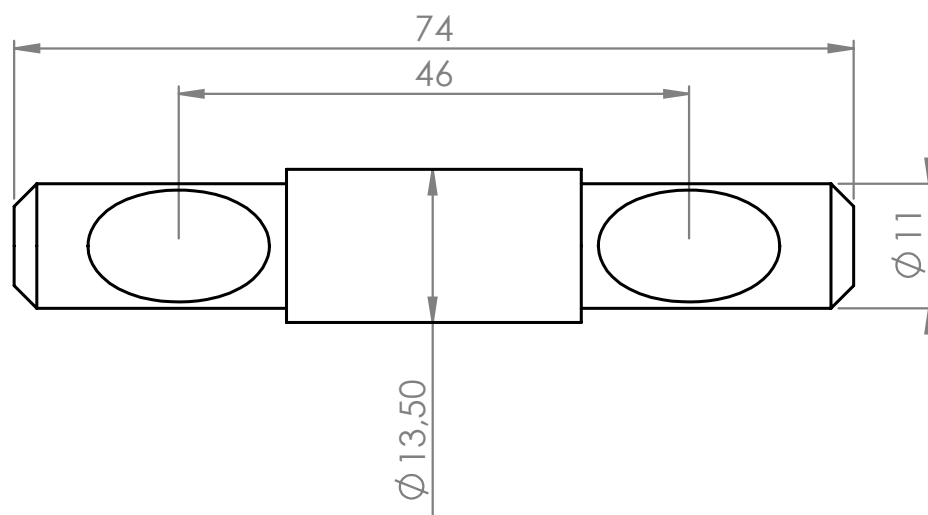
TÍTULO:

**Pino Conect 40/50 torn
aço 18x45 mm**

DES. Nº

NR 136

A4



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TÍTULO:

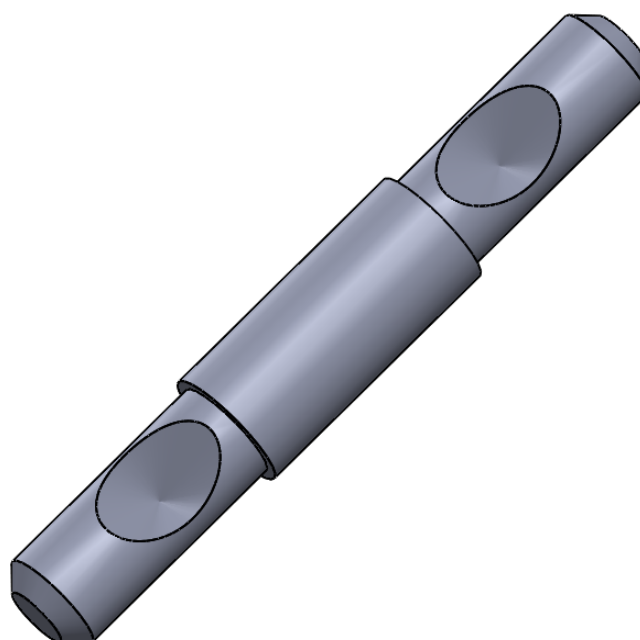
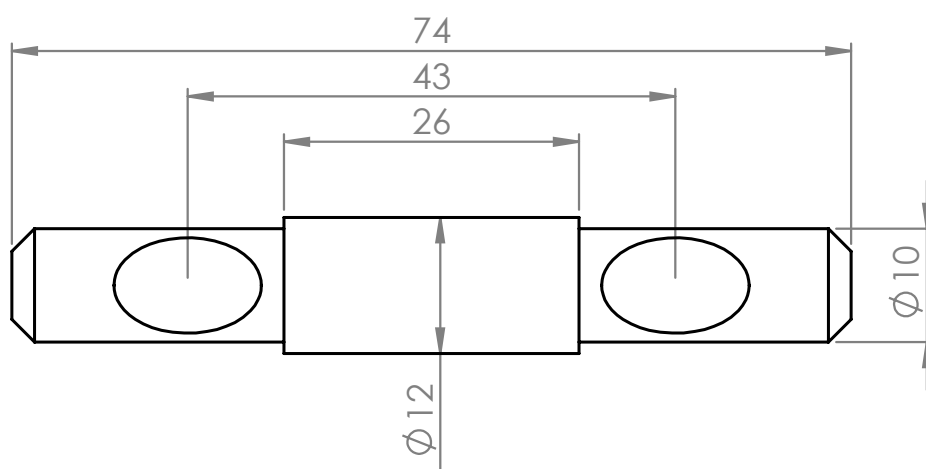
**Pino Prolongador B40 Torn Aço 12L14
red 13,5x74 mm**

DES. Nº

NR 192

ESCALA: 1.5:1

FOLHA 1 DE 1



HigVal Industria e Comercio Ltda.

TÍTULO:

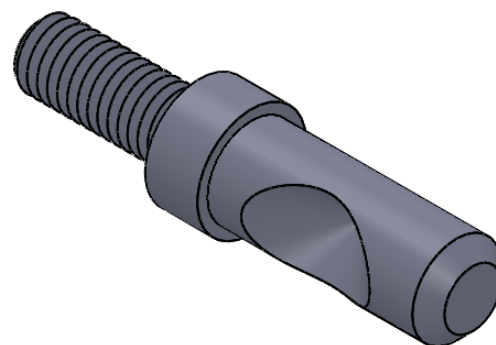
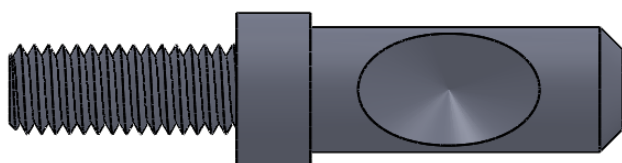
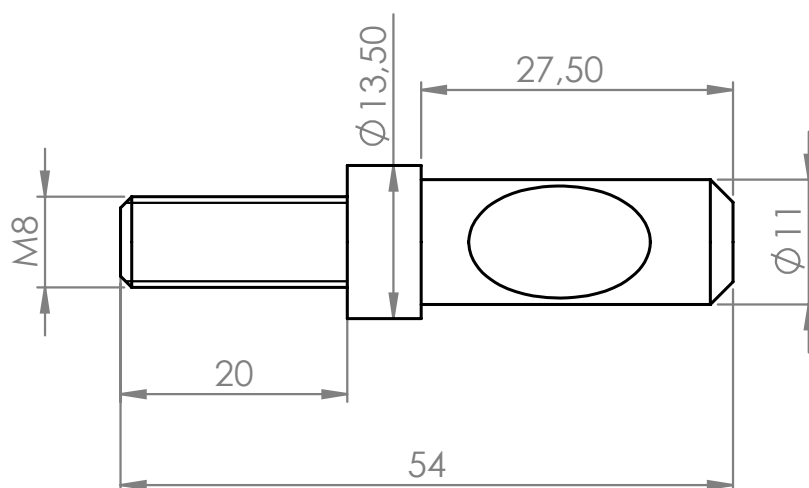
**Pino Prolongador B30 Torn Aço 12L14
red 12x74 mm**

DES. Nº

NR 0195

ESCALA: 1.5:1

FOLHA 1 DE 1



HigVal Industria e Comercio Ltda.

TÍTULO:

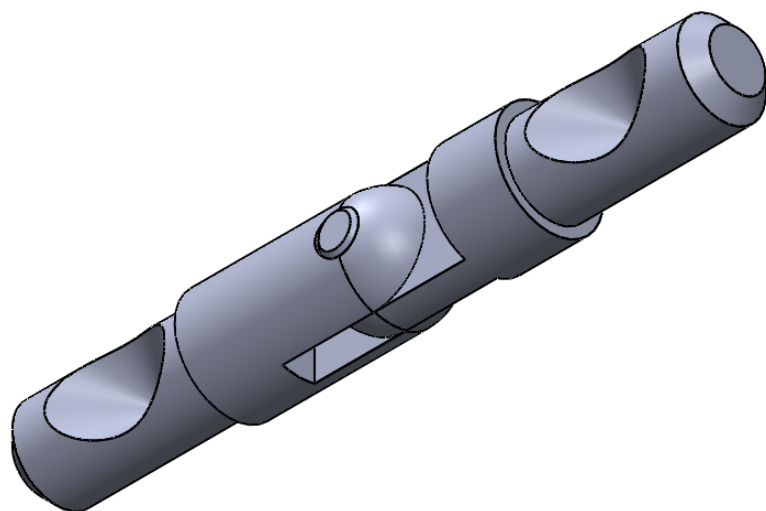
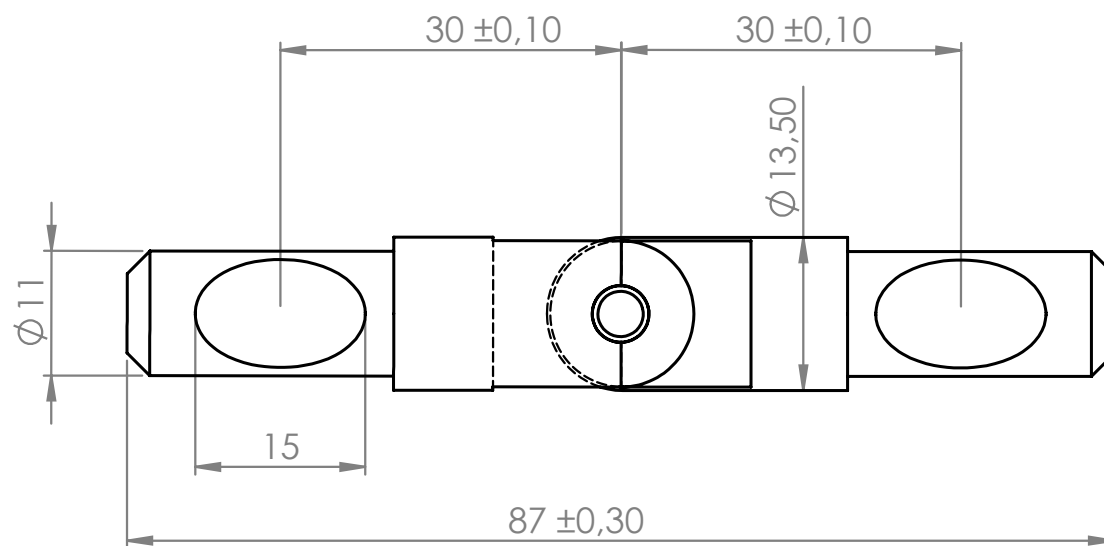
**Pino B40 Rosq M8 Torn Aço Red
13,5x54 mm**

DES. Nº

NR 0219

ESCALA: 1.5:1

FOLHA 1 DE 1



HigVal Indústria e Comércio Ltda

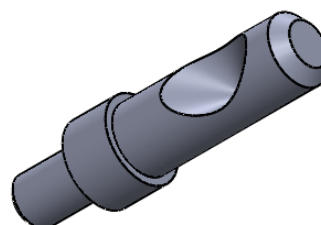
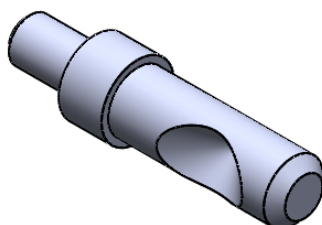
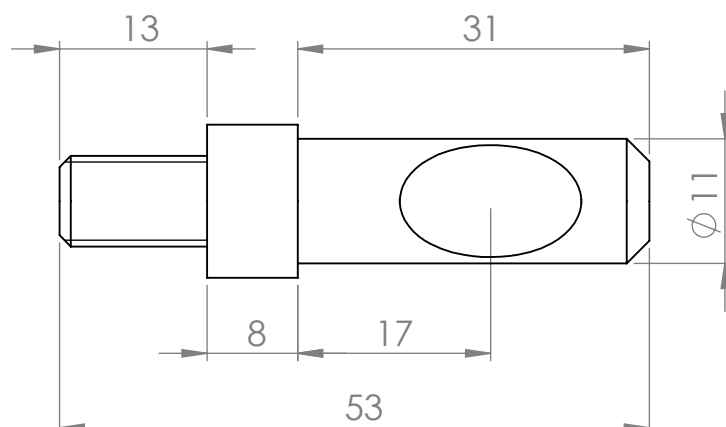
TÍTULO:

**JG Pino MF conct Topo B40 Torn
Aço Red 13,5 x 87,5 mm . montado**

DES. Nº

NR 274.

A4



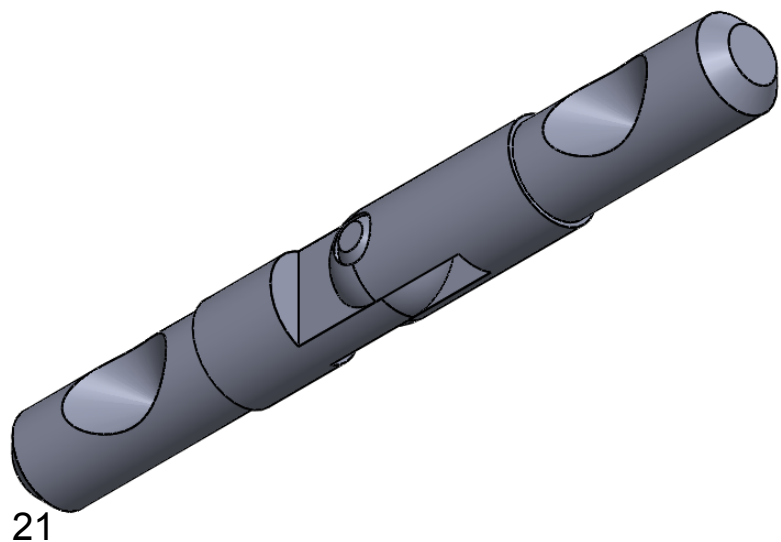
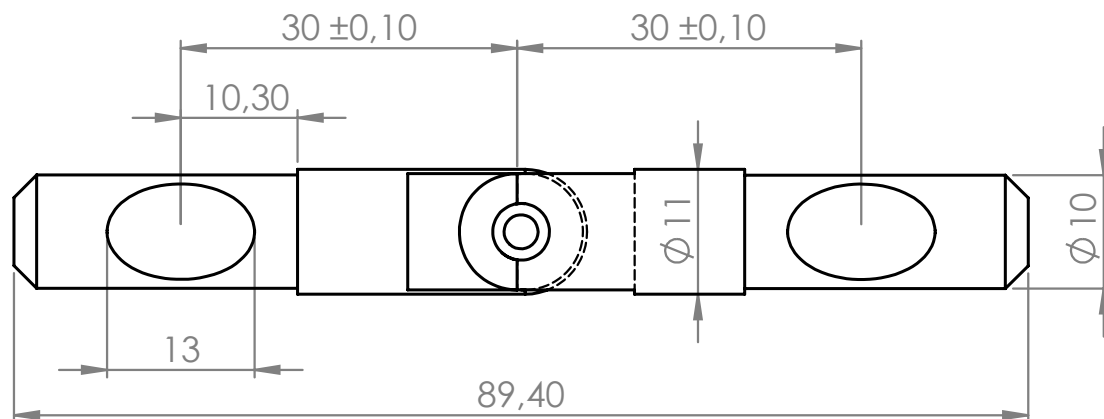
HigVal Industri e Comercio Ltda

TÍTULO:

**PINO DA CONEX ROSCADA 40/50
TORN AÇO RED. 12L14 13,5 x 53 mm**

DES. Nº

NR 290 P



HigVal Indústria e Comércio Ltda

TÍTULO:

**Jogo Pino MF conect topo B30 Torn
Aço red 11 x 100 mm montado**

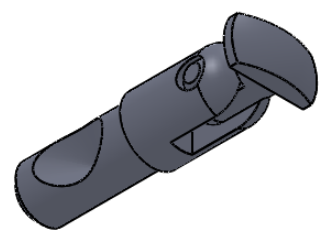
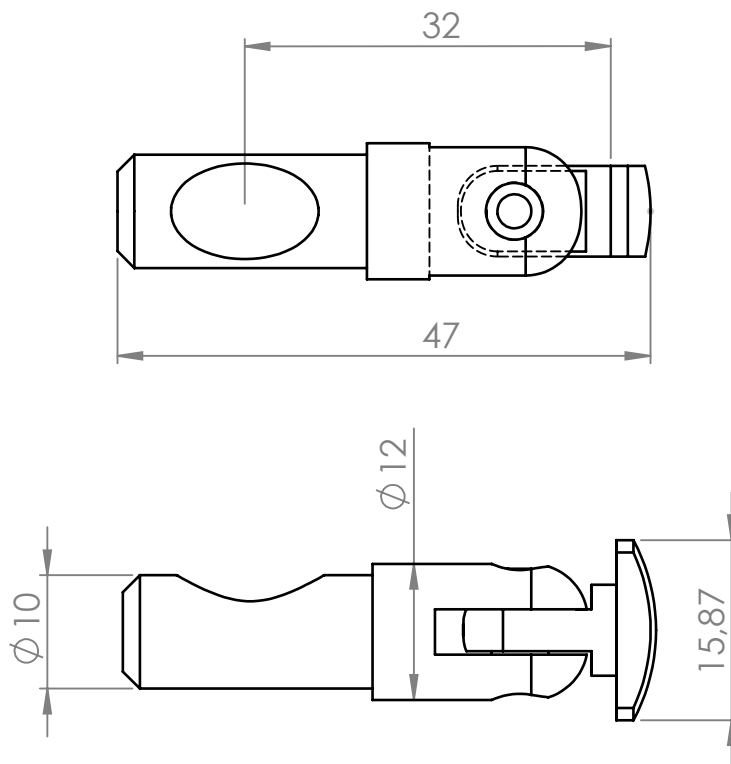
DES. Nº

NR 422

A4

ESCALA: 1,5:1

FOLHA 1 DE 1



HigVal Industria e Comercio Ltda.

TÍTULO:

**Pino Angular Base 30 Cab
Artic Frez Vertical**

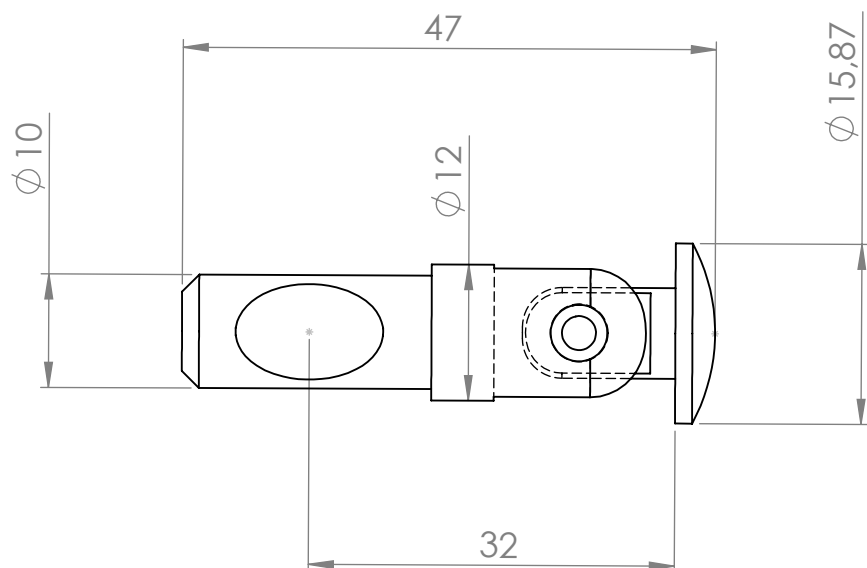
DES. Nº

NR 1070

A4

ESCALA: 1.5:1

FOLHA 1 DE 1



HigVal Industria e Comercio Ltda

TÍTULO:

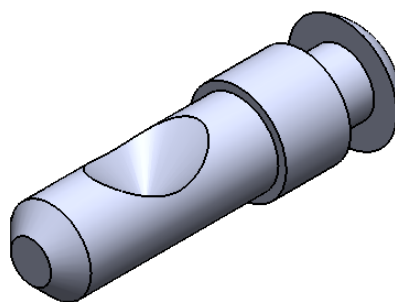
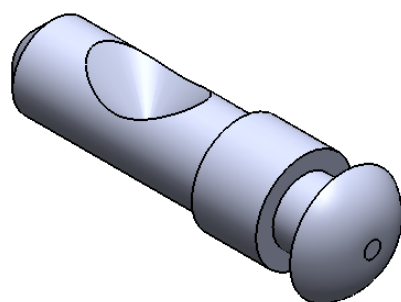
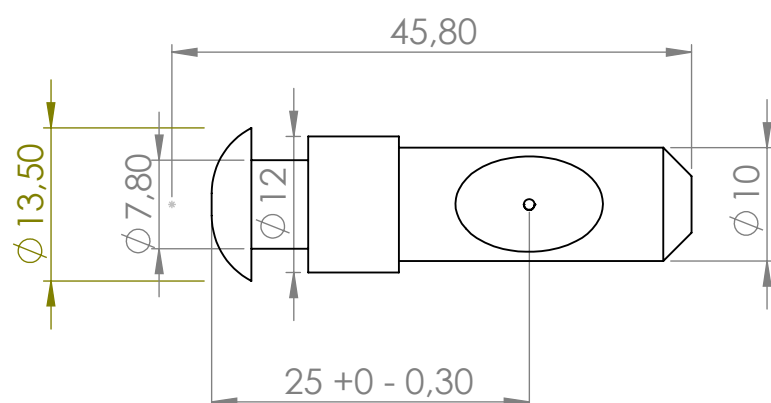
**PINO CONCT ANG B 30
TORN AÇO CAB ARTIC 5/8" s/frezar**

DES. Nº

NR 2174

ESCALA: 1.5:1

FOLHA 1 DE 1



HigVal Indústria e Comércio Ltda.

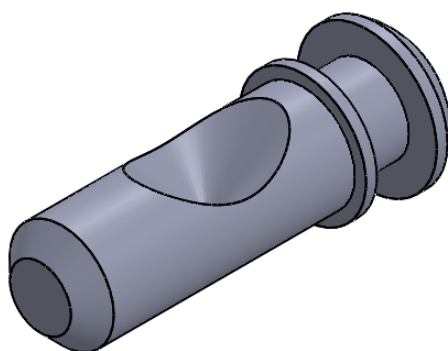
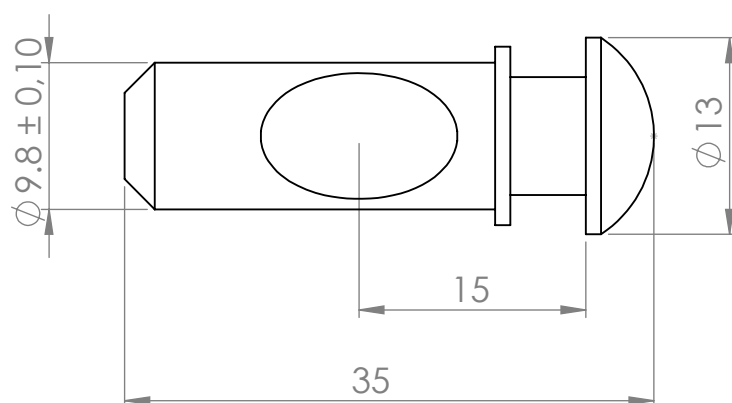
TÍTULO:

Pino base 30 cabeça pequena

DES. Nº

NR-230

A4



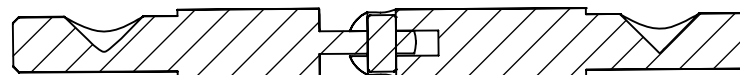
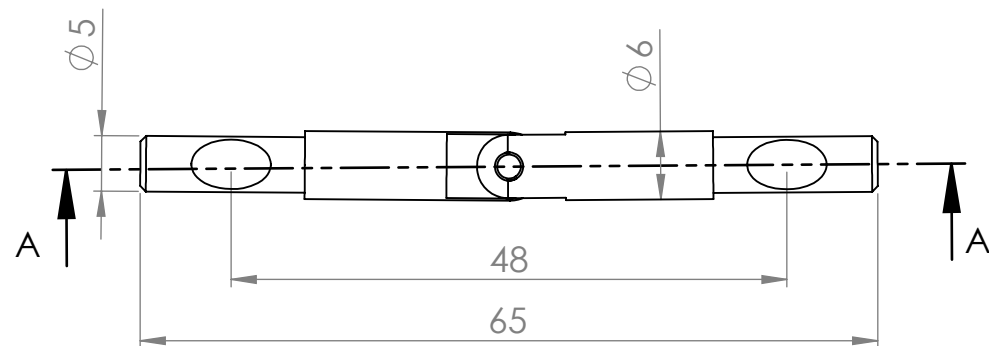
HigVal Indústria e Comércio Ltda

TÍTULO:

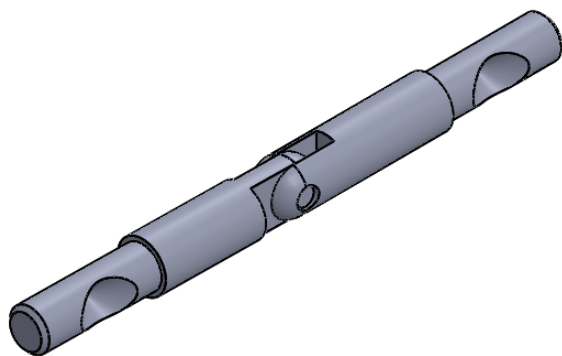
**PINO CONECT 30 CURTO
TORN AÇO 13 x 35 mm.**

DES. Nº

NR 284



SEÇÃO A-A



HigVal Indústria e Comércio Ltda

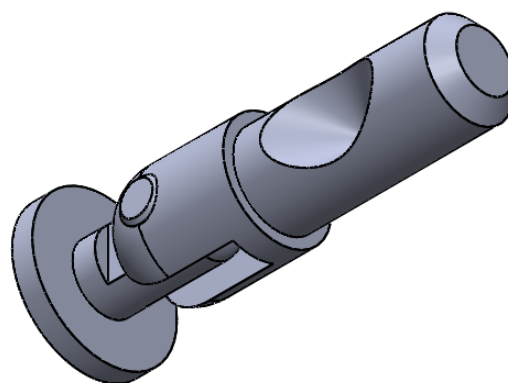
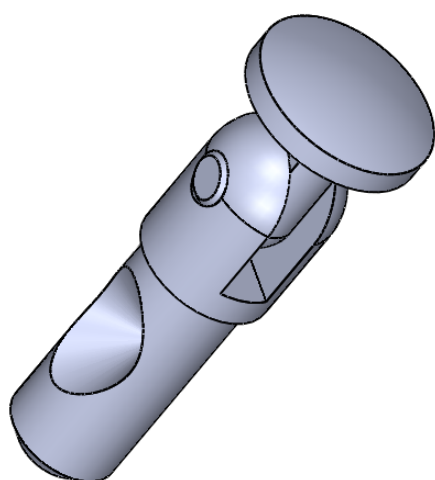
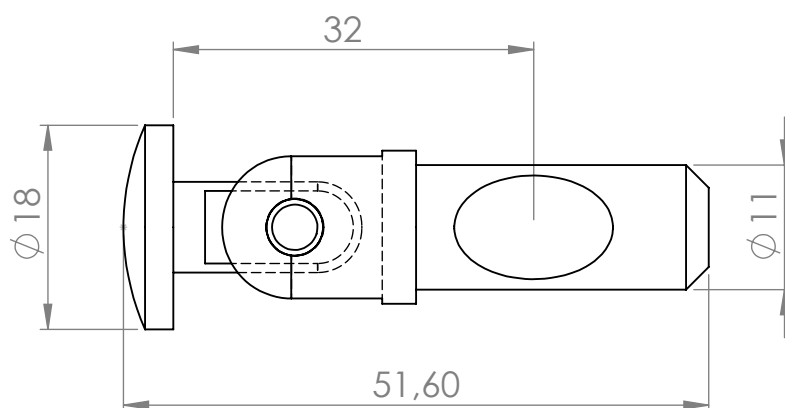
TÍTULO:

**CJ PINO CONECT TOPO B 20 M/F
'TORN AÇO 6 x 65 mm. MONTADO**

DES. Nº

NR 1301

A4



HigVal Industria e Comercio Ltda.

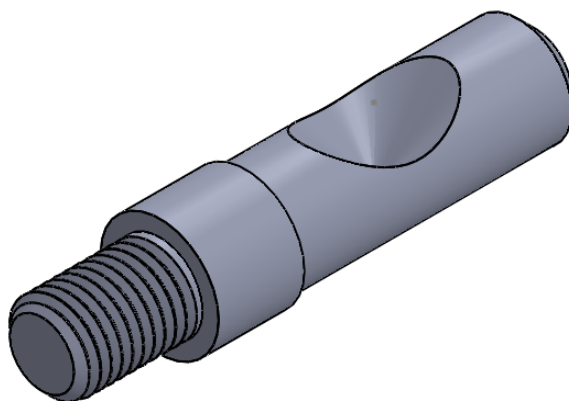
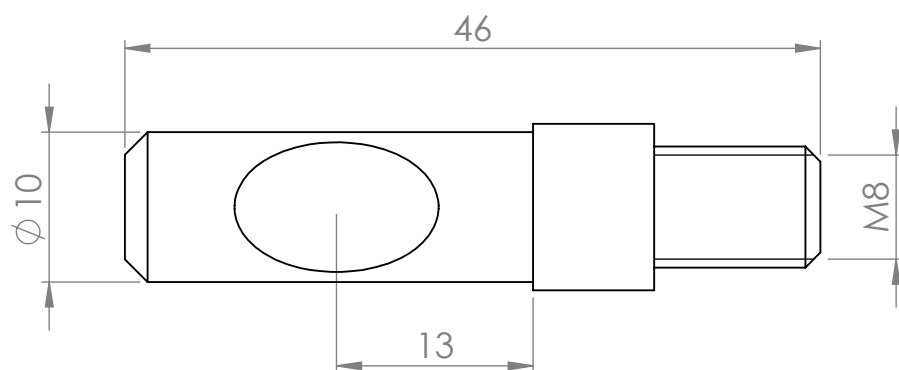
TÍTULO:

**Cj Pino Conect Ang B 40 Torn Aço Cab
Articulada 18 mm s/fresar**

DES. Nº

NR 853

A4



HigVal Indústria e Comércio Ltda

TÍTULO:

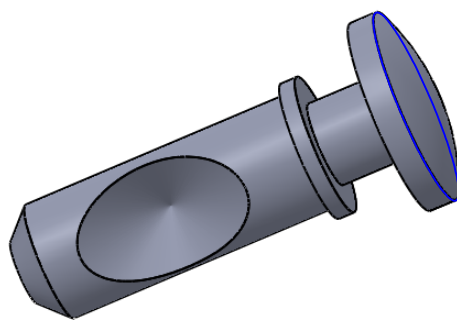
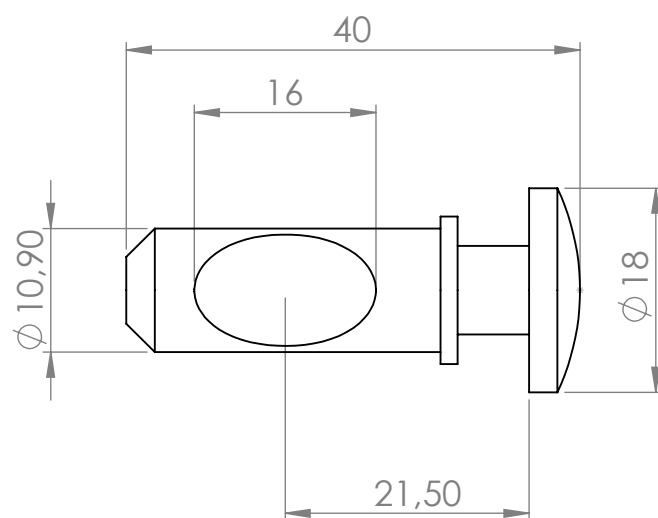
**PINO 30 TORN AÇO
11x 46 mm. R. M8 x 11**

DES. Nº

NR 117

ESCALA:2:1

FOLHA 1 DE 1



HigVal Indústria e Comércio Ltda

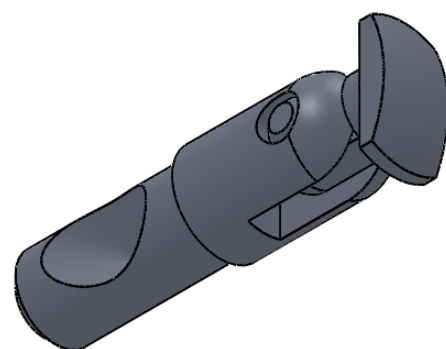
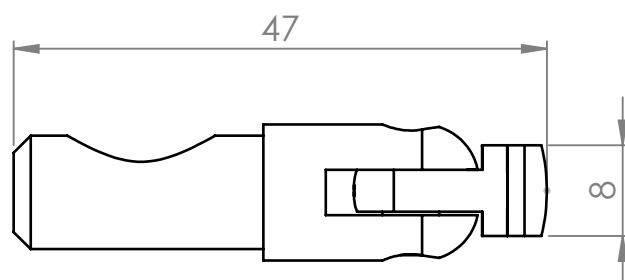
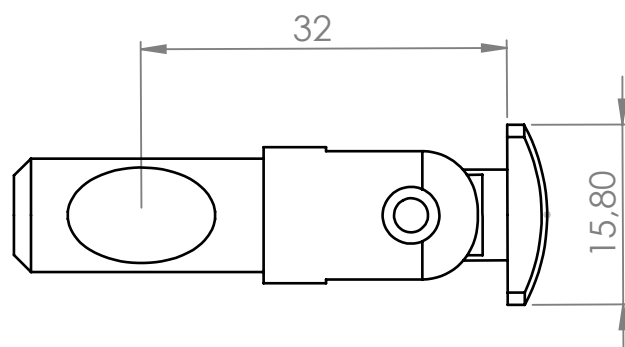
TÍTULO:

**PINO CONECT 40 CURTO
TORN AÇO 18 x 40 mm.**

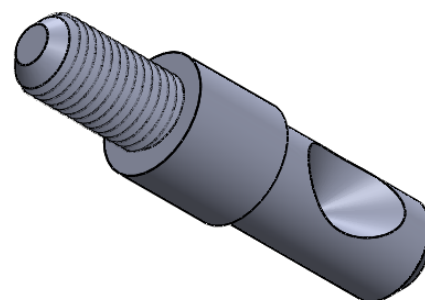
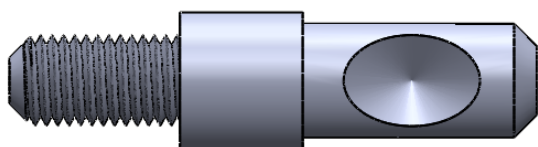
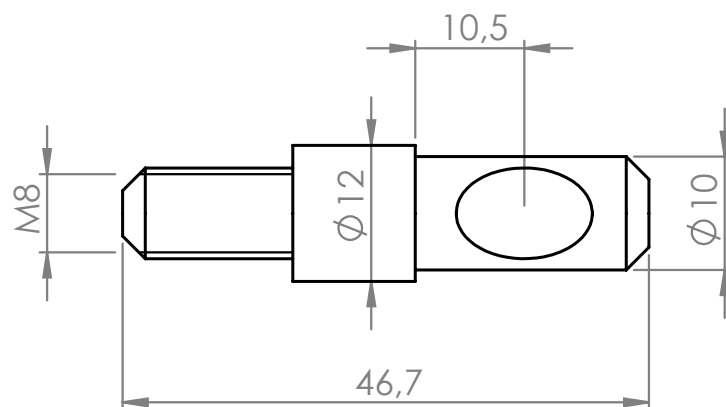
DES. Nº

NR 238

ESCALA: 1.5:1



 Indústria e Comércio Ltda	
TÍTULO: Pino Angular Base 30 Cab Artic Frez Horizontal	
DES. Nº	NR 1377
A4	
PESO:	ESCALA: 1.5:1
FOLHA 1 DE 1	



HigVal Indústria e Comércio Ltda.

TÍTULO:

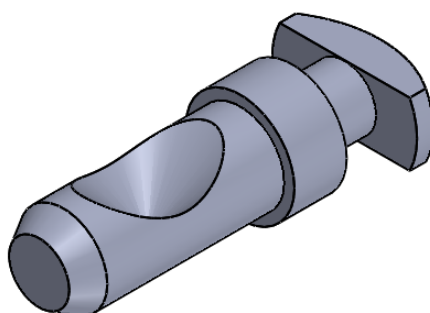
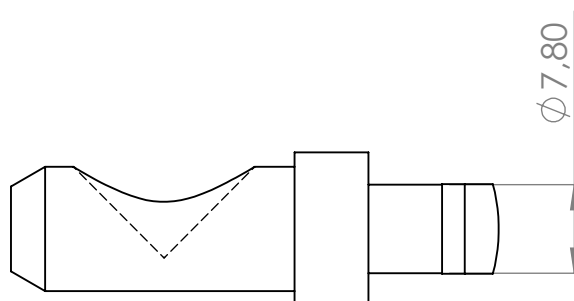
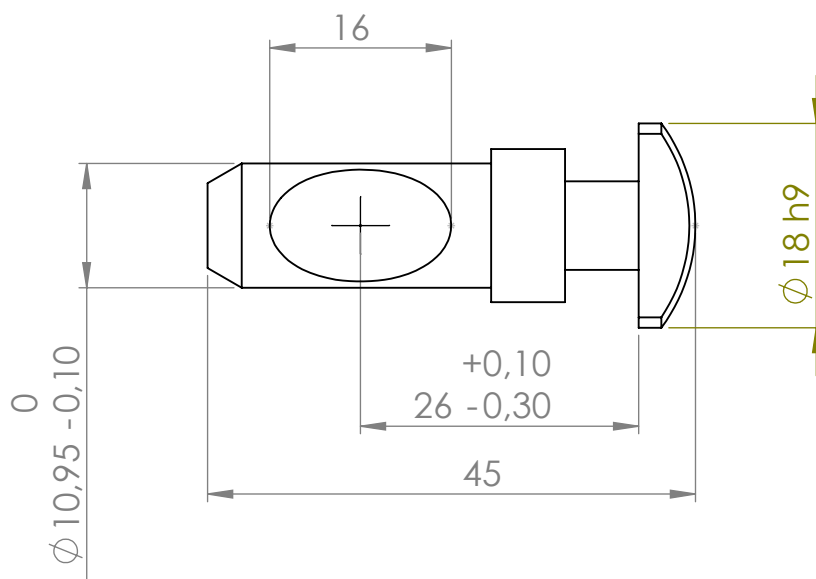
**Pino B30 Rosq M8 Torn Aço Red
12x46,7 mm**

DES. Nº

NR 1123

ESCALA: 1.5:1

FOLHA 1 DE 1



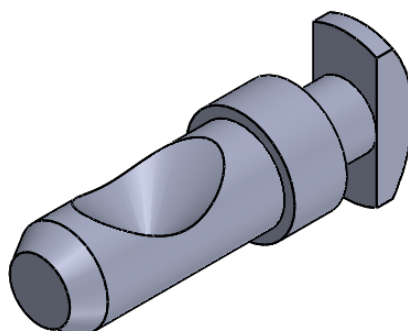
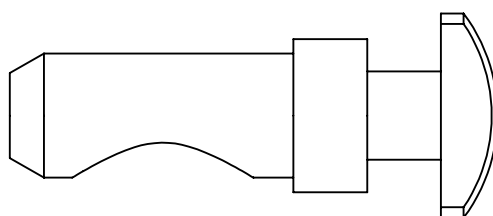
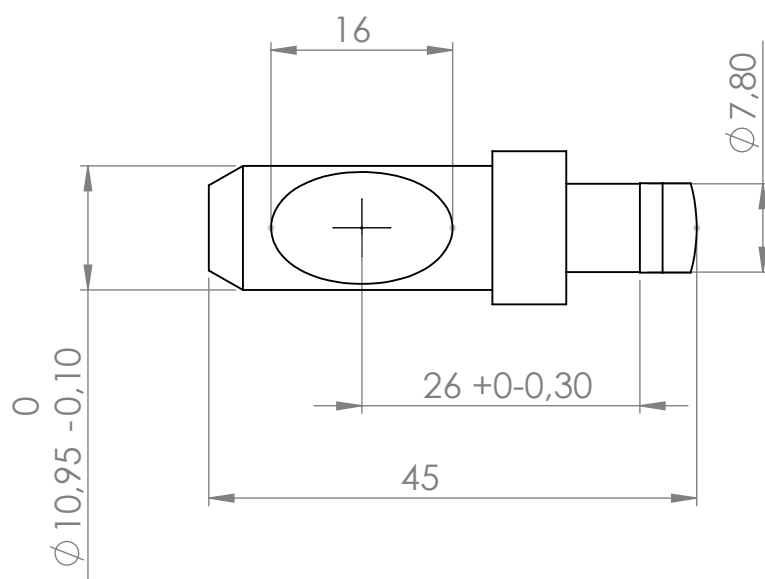
HigVal Indústria e Comércio Ltda.

**PINO CONECT 40 PADRÃO TORN
AÇO 18 x 45 mm. CAB.FREZADA
HORIZ**

DES. Nº

NR 1290

A4



HigVal Indústria e Comércio Ltda.

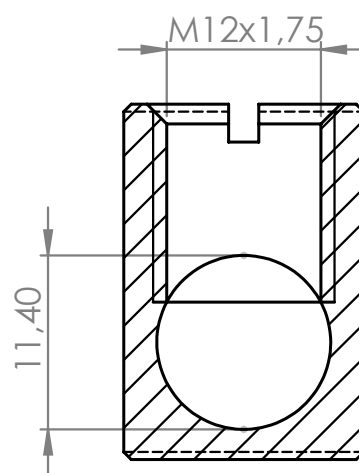
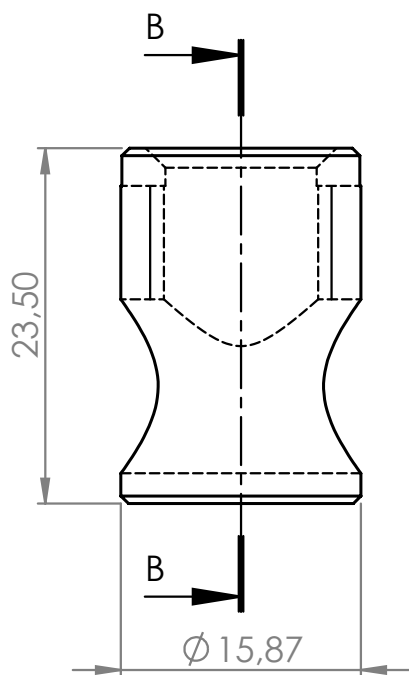
TÍTULO:

**PINO CONECT 40 PADRÃO TORN AÇO
18 x 45 mm. CAB.FREZADA VERT**

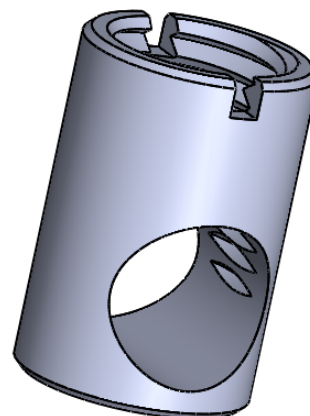
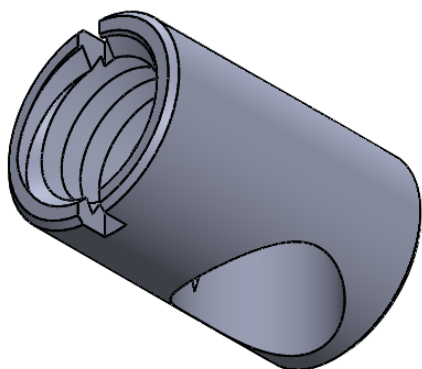
DES. Nº

NR 1363

A4



SEÇÃO B-B



HigVal Indústria e Comércio Ltda.

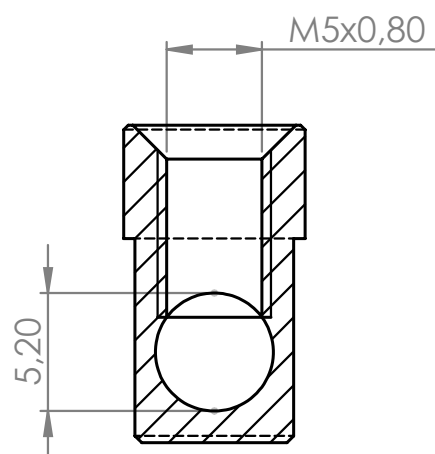
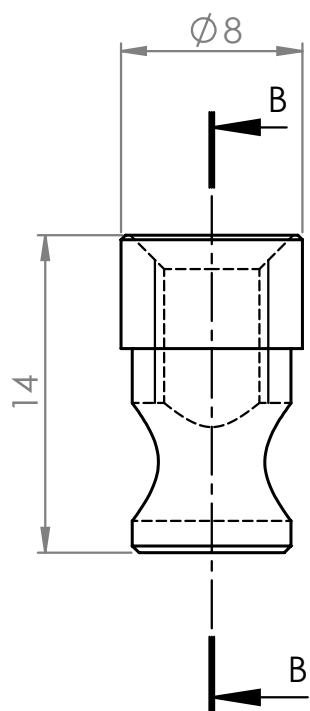
TÍTULO:

Bucha Conex B40/50 Furo 11,5 Torn aço 5/8" x 23,5 mm

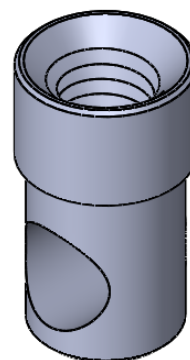
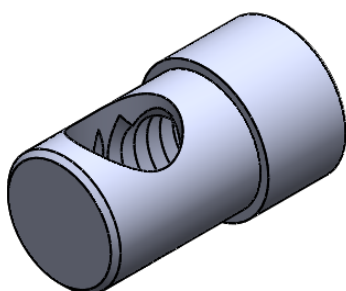
DES. Nº

NR 1395

A4



SEÇÃO B-B



HigVal Indústria e Comércio Ltda.

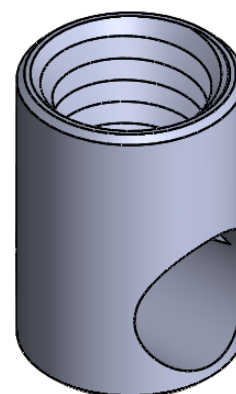
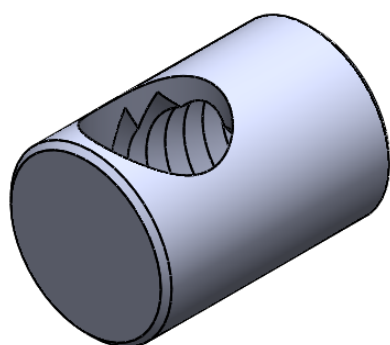
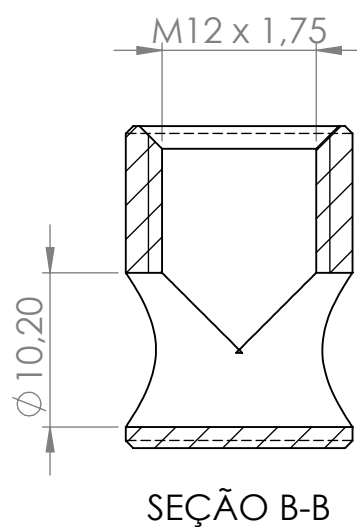
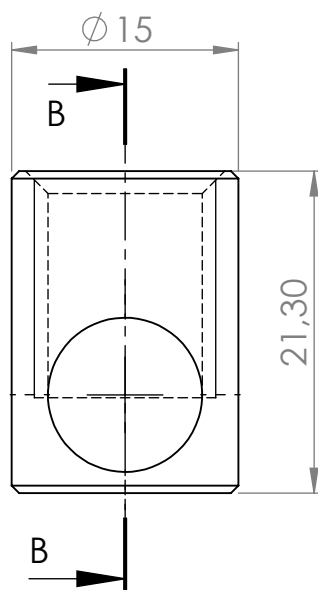
TÍTULO:

Bucha 20 Torn Aço red 8x14 mm

DES. Nº

NR 2420 / 831

A4



HigVal Indústria e Comércio Ltda.

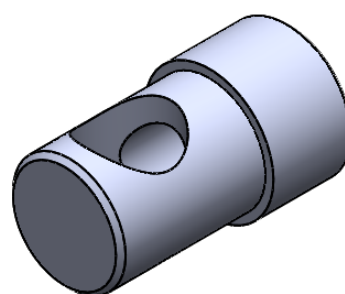
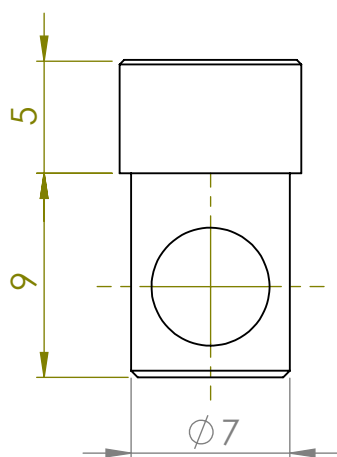
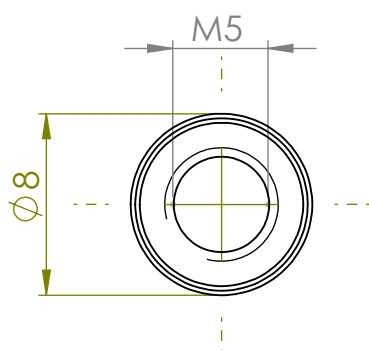
TÍTULO:

**Bucha conect 30 torn aço
15x 21,3 mm**

DES. Nº

NR 0140

A4



HigVal Indústria e Comércio Ltda.

TÍTULO:

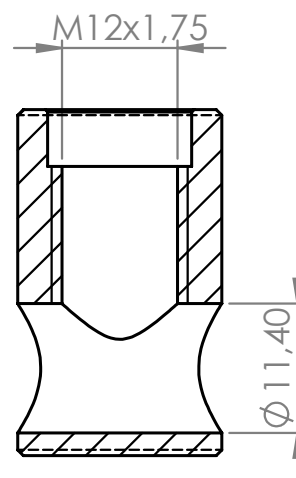
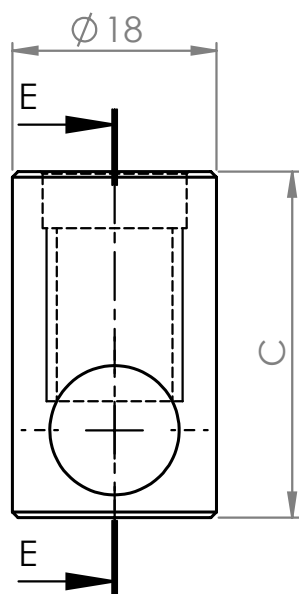
**Bucha 20 Torn Aço red
8 x 14 mm**

DES. Nº

NR 831

ESCALA:3:1

FOLHA 1 DE 1



SEÇÃO E-E

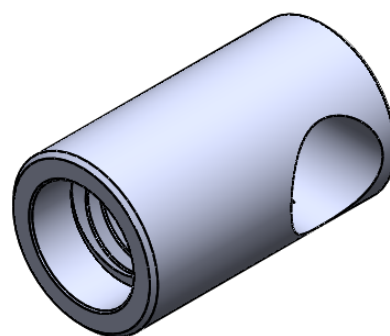
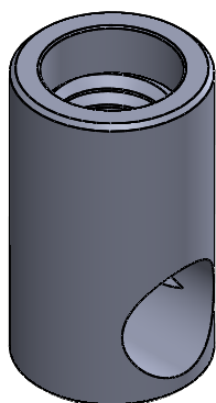
Comprimento em C

NR - 854 - 27,40 mm

NR - 139 - 28,00 mm

NR - 266 - 30,50 mm

NR - 157 - 32,50 mm



HigVal Indústria e Comércio Ltda.

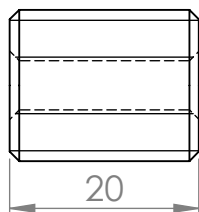
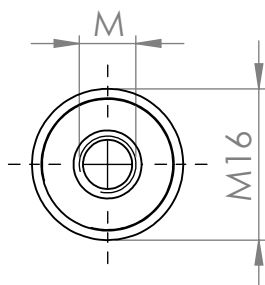
TÍTULO:

Bucha conect 40 torn
aço 18xC mm

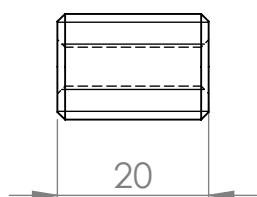
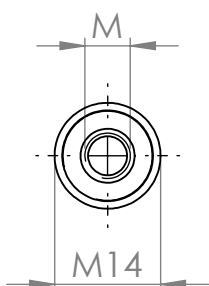
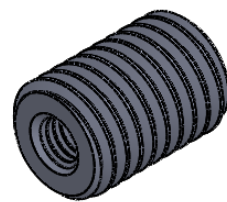
DES. Nº

Bucha B40

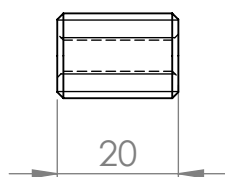
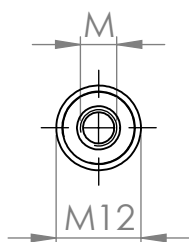
A4



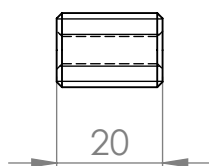
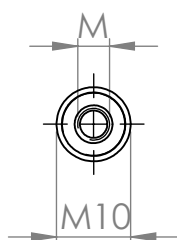
Rosca	Nossa Referencia
M12	NR 1365
M10	NR 178
M8	NR 174
M6	NR 204
M5	NR 236
M4	NR 267
1/8" NPT	NR 257
3/8" W	NR 258



Rosca	Nossa Referencia
3/8"W	NR 1884
M10	NR 2528
M8	NR 175
M6	NR 168
M5	NR 196
M4	NR 237



Rosca	Nossa Referencia
M6	NR 1054



Rosca	Nossa Referencia
M5	NR 2436

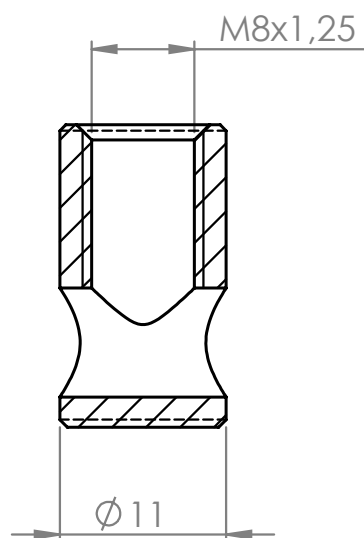
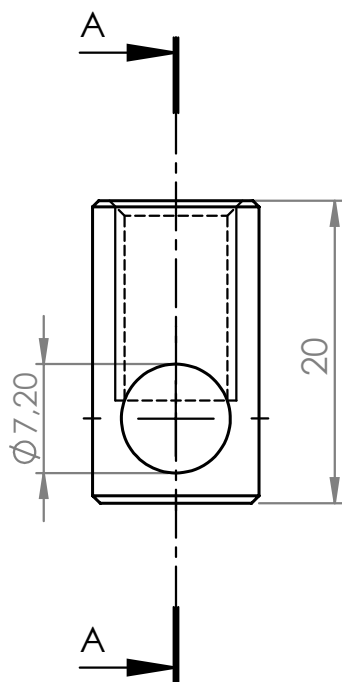


HigVal Indústria e Comércio Ltda

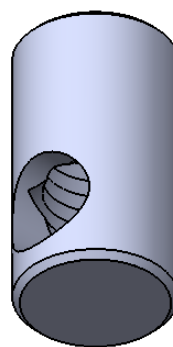
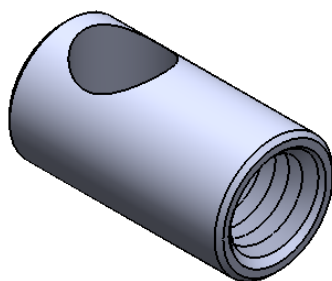
TÍTULO:

BUCHA TORN BARRA ROSCADA

Bucha Roscada M16-M14-M12-M10



SEÇÃO A-A



HigVal Industria e Comercio Ltda.

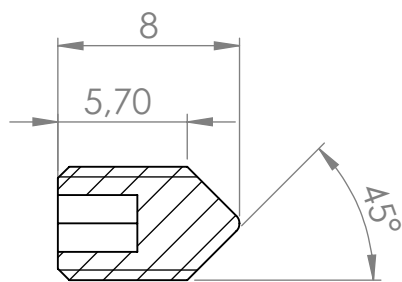
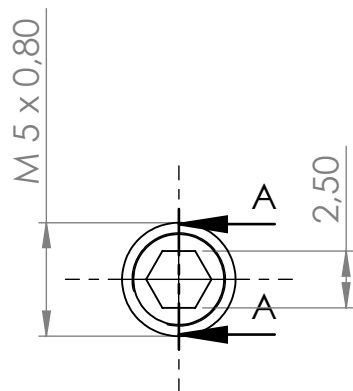
TÍTULO:

Bucha conect B30

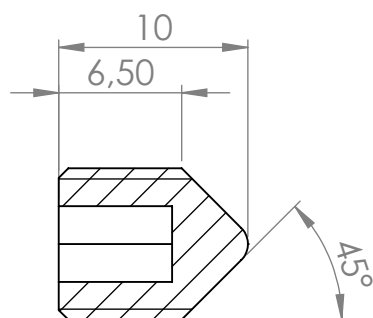
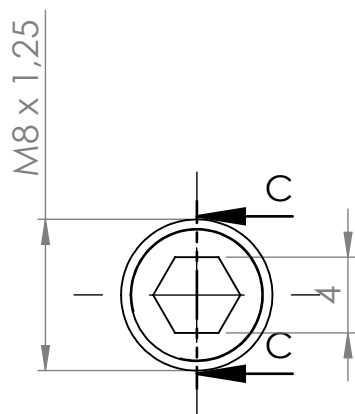
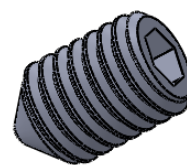
DES. Nº

NR 1401

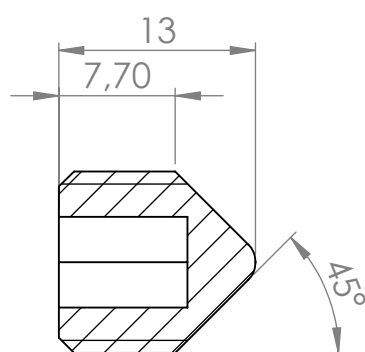
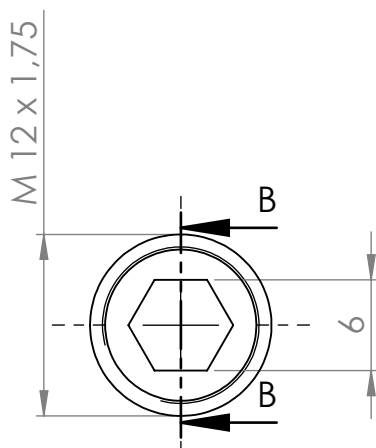
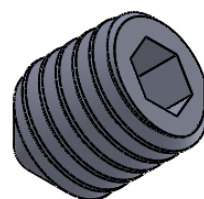
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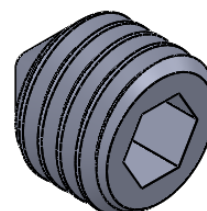
SEÇÃO A-A



SEÇÃO C-C



SEÇÃO B-B



HigVal Indústria e Comércio Ltda

TÍTULO:

**PARAF.TORN AÇO TIPO ALLEM
S/C PONTA LÁPIS**

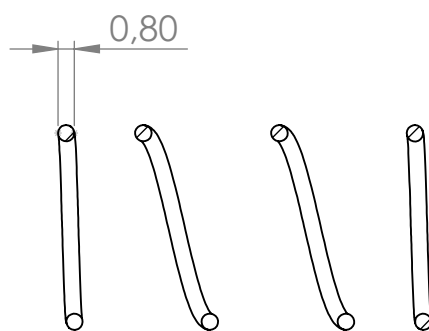
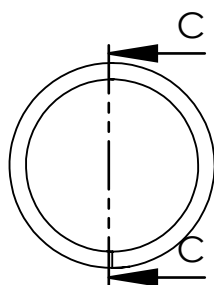
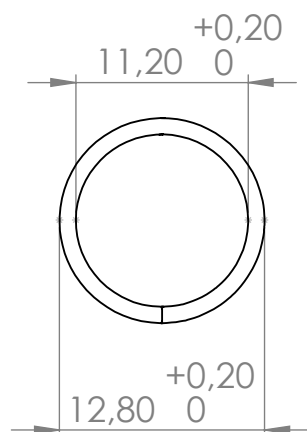
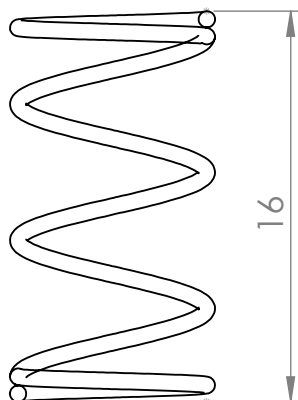
DES. Nº

1264-677-1783

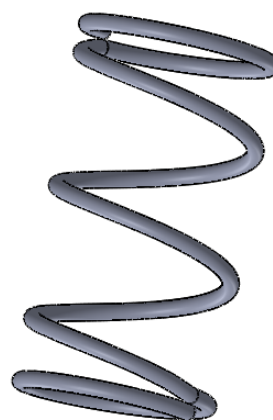
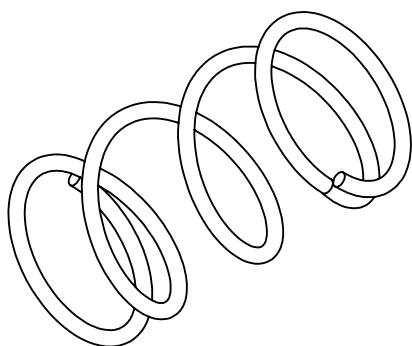
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ESCALA:3:1

FOLHA 1 DE 1



SEÇÃO C-C



HigVal Indústria e comércio Ltda

TÍTULO:

Base 40

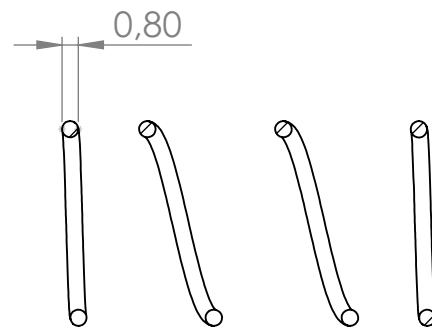
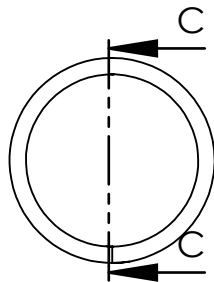
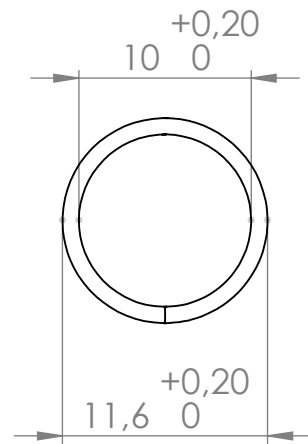
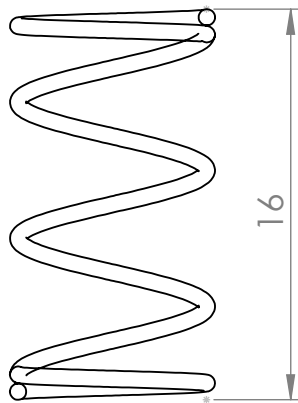
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Mola para Pinos Base 40

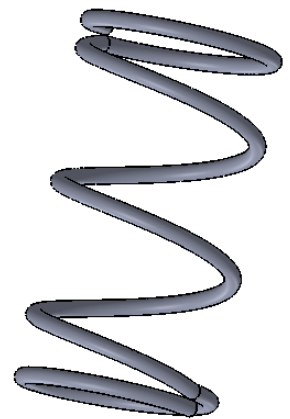
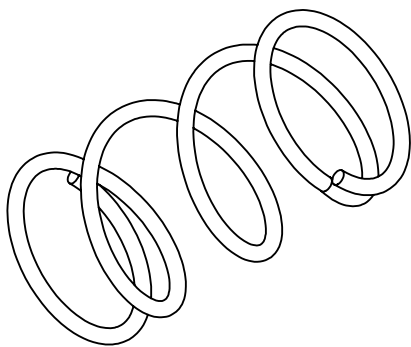
A4

ESCALA:3:1

FOLHA 1 DE 1



SEÇÃO C-C



HigVal Indústria e comércio Ltda

TÍTULO:

Base 30

DES. Nº

Mola para Pinos Base 30

A4

ESCALA:3:1

FOLHA 1 DE 1