



Broaching machine

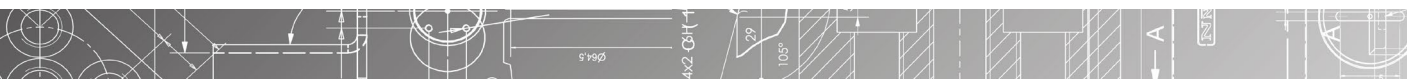
Broaching machine BM25

The Hydraulic Broaching machine BM25 Nargesa, has been manufactured in a welded and mechanized steel monoblock. It is a machine to make slots and broaching operations in all kinds of parts. Sprockets, belts, gears, etc... It is also used as a press to straighten and unbolting oxidated parts, set baerings...

Reference	100-09-01-001
Motor power	2,2 KW / 3 HP
3-phased tensión	230 / 400 V
Hydraulic power	10 Tm
Working speed	24 mm/s
Return speed	54 mm/s
Pump Flow	7,5 L
Shank displacement	600 mm
Goosneck	300 mm
Maximum diameter of the piece	600 mm*
Bench dimensions	420x420 mm
Dimensions	750x1240x2400 mm
Weight	850 Kg
PRICE	13.028,00 €



* For different sizes, please ask the manufacturer



Accessories for Broaching machine

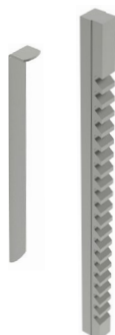


Broaching time
0:30 min.

Keyway broaches 2mm

REF: 125-09-01-BR-00001

Tolerance	JS9 (-0,014 +0,009)
Model	A
Broach dimensions	3,175 x 127mm
Standard keys	2 x 2mm
Min./Max. Cutting length	5,159mm / 28,575mm
Required pressure	720lbs / 326,58Kg
Required shims/ Nr of passes	0 shims / 1 pass
Bushing diameter	6, 8, 10, 12 and 15mm
Bushing length	28,575mm
Weight	0,020 Kg. Approx.
PRICE	126,00 €

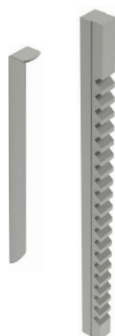


Broaching time
0:45 min.

Keyway broaches 3mm

REF: 125-09-01-BR-00002

Tolerance	JS9 (-0,013 +0,009)
Model	A
Broach dimensions	3,175 x 127mm
Standard keys	3 x 3mm
Min./Max. Cutting length	5,159mm / 28,575mm
Required pressure	650lbs / 294,83Kg
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,787mm
Bushing diameter	6, 8, 10, 12 y 15mm
Bushing length	28,575mm
Weight	0,020 Kg. Approx.
PRICE	126,00 €



Broaching time
1:00 min.

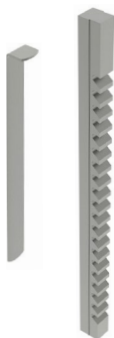
Keyway broaches 4mm

REF: 125-09-01-BR-00003

Tolerance	JS9 (-0,015 +0,01)
Model	B1
Broach dimensions	6,35 x 171,45mm
Standard keys	4 x 4mm
Min./Max. Cutting length	7,54mm / 42,862mm
Required pressure	1.140lbs / 517,09Kg
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,965mm
Bushing diameter	12, 14, 15, 16, 17, 18 and 19mm
Bushing length	42,862mm
Weight	0,100 Kg. Approx.
PRICE	173,00 €

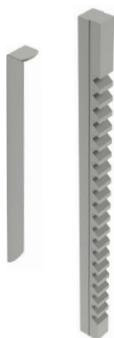


Accessories for Broaching machine



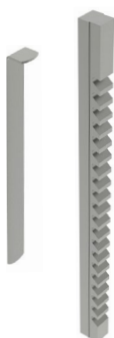
 Broaching time
1:00 min.

Keyway broaches 5mm	REF: 125-09-01-BR-00004
Tolerance	JS9 (-0,014 +0,008)
Model	B1
Broach dimensions	6,35 x 171,45mm
Standard keys	5 x 5mm
Min./Max. Cutting length	7,54mm / 42,862mm
Required pressure	1.860lbs / 843,68Kg
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	1,27mm
Bushing diameter	12, 14, 15, 16, 17, 18 and 19mm
Bushing length	42,862mm
Weight	0,100 Kg. Approx.
PRICE	173,00 €



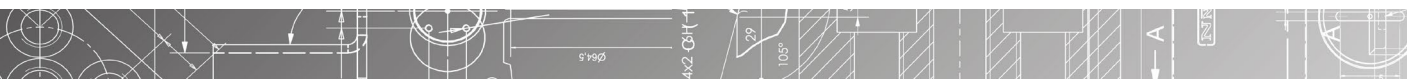
 Broaching time
1:20 min.

Keyway broaches 5mm	REF: 125-09-01-BR-00005
Tolerance	JS9 (-0,014 +0,008)
Model	C
Broach dimensions	9,52 x 298,45mm
Standard keys	5 x 5mm
Min./Max. Cutting length	9,921mm / 63,5mm
Required pressure	1.470lbs / 666,78Kg
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	1,193mm
Bushing diameter	18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 34, 35 and 36mm
Bushing length	63,5mm
Weight	0,350 Kg. Approx.
PRICE	191,00 €

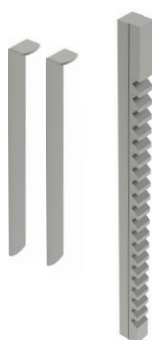


 Broaching time
1:20 min.

Keyway broaches 6mm	REF: 125-09-01-BR-00006
Tolerance	JS9 (-0,016 +0,009)
Model	C
Broach dimensions	9,52 x 298,45mm
Standard keys	6 x 6mm
Min./Max. Cutting length	9,921mm / 63,5mm
Required pressure	2.100lbs / 952,54Kg
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	1,587mm
Bushing diameter	18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 34, 35 and 36mm
Bushing length	63,5mm
Weight	0,350 Kg. Approx.
PRICE	191,00 €



Accessories for Broaching machine

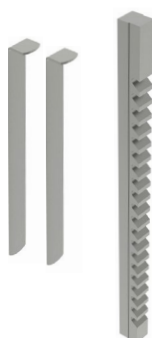


Broaching time
2:30 min.

Keyway broaches 8mm

REF: 125-09-01-BR-00008

Tolerance	JS9 (-0,017 +0,013)
Model	C
Broach dimensions	9,52 x 298,45mm
Standard keys	8 x 7mm
Min./Max. Cutting length	9,921mm / 63,5mm
Required pressure	3.680lbs / 1.669,22Kg
Required shims/ Nr of passes	2 shims / 3 passees
Thickness	1,27mm
Bushing diameter	18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 34, 35 and 36mm
Bushing length	63,5mm
Weight	0,350 Kg. Approx.
PRICE	191,00 €

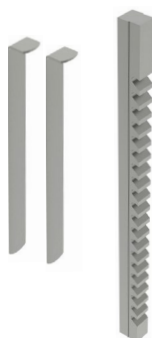


Broaching time
2:30 min.

Keyway broaches 10mm

REF: 125-09-01-BR-00009

Tolerance	JS9 (-0,018 +0,012)
Model	D
Broach dimensions	14,28 x 352,42mm
Standard keys	10 x 8mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	6.500lbs / 2.948,35Kg
Required shims/ Nr of passes	2 shims / 3 passes
Thickness	1,422mm
Bushing diameter	32, 34, 35, 36, 38, 40, 42, 44, 45, 46, 48, 50, 52, 54, 56mm
Bushing length	101,6 and 127mm
Weight	1 Kg. Approx.
PRICE	298,00 €



Broaching time
2:30 min.

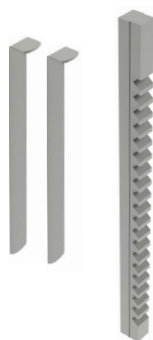
Keyway broaches 12mm

REF: 125-09-01-BR-00010

Tolerance	JS9 (-0,022 +0,014)
Model	D
Broach dimensions	14,28 x 352,42mm
Standard keys	12 x 8mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	8.400lbs / 3.810,17Kg
Required shims/ Nr of passes	2 shims / 3 passes
Thickness	1,422mm
Bushing diameter	32, 34, 35, 36, 38, 40, 42, 44, 45, 46, 48, 50, 52, 54, 56mm
Bushing length	101,6 and 127mm
Weight	1 Kg. Approx.
PRICE	298,00 €



Accessories for Broaching machine

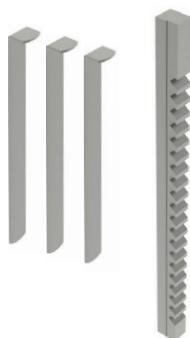


Broaching time
2:30 min.

Keyway broaches 14mm

REF: 125-09-01-BR-00011

Tolerance	JS9 (-0,023 +0,013)
Model	D
Broach dimensions	14,28 x 352,42mm
Standard keys	14 x 9mm
Min./Max. Cutting lenght	25,4mm / 152,4mm
Required pressure	11.100lbs / 5.034,87Kg
Required shims/ Nr of passes	2 shims / 3 passes
Thickness	1,587mm
Bushing diameter	32, 34, 35, 36, 38, 40, 42, 44, 45, 46, 48, 50, 52, 54, 56mm
Bushing length	101,6 and 127mm
Weight	1 Kg. Approx.
PRICE	298,00 €

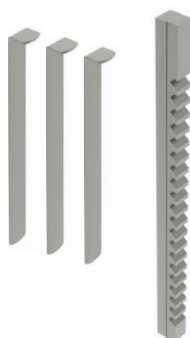


Broaching time
3:40 min.

Keyway broaches 16mm

REF: 125-09-01-BR-00012

Tolerance	JS9 (-0,024 +0,012)
Model	E
Broach dimensions	19,05 x 393,7mm
Standard keys	16 x 10mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	9.400lbs / 4.263,76Kg
Required shims/ Nr of passes	3 shims / 4 passes
Thickness	1,422mm
Bushing diameter	52, 54, 55, 56, 58, 60, 62, 63, 64, 65, 66, 68, 70, 72mm
Bushing length	127 and 152,4mm
Weight	1,5 Kg. Approx.
PRICE	446,00 €



Broaching time
3:40 min.

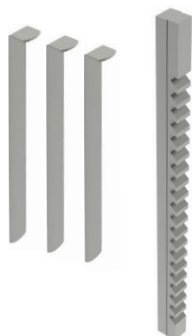
Keyway broaches 18mm

REF: 125-09-01-BR-00013

Tolerance	JS9 (-0,022 +0,013)
Model	E
Broach dimensions	19,05 x 393,7mm
Standard keys	18 x 11mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	10.600lbs / 4.808,07Kg
Required shims/ Nr of passes	3 shims / 4 passes
Thickness	1,422mm
Bushing diameter	52, 54, 55, 56, 58, 60, 62, 63, 64, 65, 66, 68, 70, 72mm
Bushing length	127 and 152,4mm
Weight	1,5 Kg. Approx.
PRICE	446,00 €



Accessories for Broaching machine

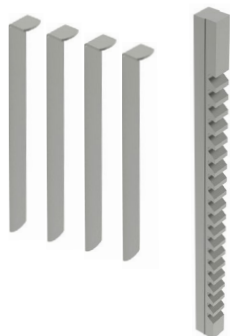


Broaching time
4:20 min.

Keyway broaches 20mm

REF: 125-09-01-BR-00014

Tolerance	JS9 (-0,026 +0,015)
Model	F
Broach dimensions	25,40 x 514,35mm
Standard keys	20 x 12mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	8.800lbs / 3.991,61Kg
Required shims/ Nr of passes	3 shims / 4 passes
Thickness	1,587mm
Bushing diameter	75, 80, 85, 90, 95, 100, 105, 110, 115 and 120mm
Bushing length	152,4mm
Weight	3,5 Kg. Approx.
PRICE	803,00 €

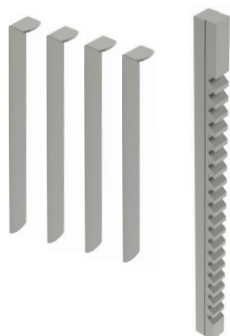


Broaching time
5:00 min.

Keyway broaches 22mm

REF: 125-09-01-BR-00015

Tolerance	JS9 (-0,027 +0,014)
Model	F
Broach dimensions	25,40 x 514,35mm
Standard keys	22 x 14mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	9.400lbs / 4.263,76Kg
Required shims/ Nr of passes	4 shims / 5 passes
Thickness	1,422mm
Bushing diameter	75, 80, 85, 90, 95, 100, 105, 110, 115 and 120mm
Bushing length	152,4mm
Weight	3,5 Kg. Approx.
PRICE	803,00 €



Broaching time
5:00 min.

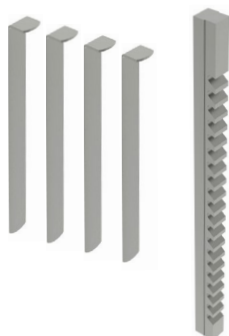
Keyway broaches 24mm

REF: 125-09-01-BR-00016

Tolerance	JS9 (-0,025 +0,015)
Model	F
Broach dimensions	25,40 x 514,35mm
Standard keys	24 x 14mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	10.600lbs / 4.808,07Kg
Required shims/ Nr of passes	4 shims / 5 passes
Thickness	1,587mm
Bushing diameter	75, 80, 85, 90, 95, 100, 105, 110, 115 and 120mm
Bushing length	152,4mm
Weight	3,5 Kg. Approx.
PRICE	803,00 €



Accessories for Broaching machine



Broaching time
5:00 min.

Keyway broaches 25mm

REF: 125-09-01-BR-00017

Tolerance	JS9 (-0,027 +0,013)
Model	F
Broach dimensions	25,40 x 514,35mm
Standard keys	25 x 14mm
Min./Max. Cutting length	25,4mm / 152,4mm
Required pressure	12.300lbs / 5.579,18Kg
Required shims/ Nr of passes	4 shims / 5 passes
Thickness	1,422mm
Bushing diameter	75, 80, 85, 90, 95, 100, 105, 110, 115 and 120mm
Bushing length	152,4mm
Weight	3,5 Kg. Approx.
PRICE	803,00 €



Broaching time
0:30 min.

Keyway broaches 1/16 inch

REF: 125-09-01-BRP-00001

Tolerance	JS9 (0,0625 · 0,0635)
Model	A
Broach dimensions	1/8 x 5 inches
Min./Max. Cutting length	13/64 inch / 1 1/8 inches
Required pressure	390lbs
Required shims/ Nr of passes	0 shims / 1 pass
Bushing diameter	1/4, 5/16, 3/8, 7/16 and 1/2 inch
Bushing length	1 1/8 inches
Weight	0,020 Kg. Approx.
PRICE	126,00 €



Broaching time
0:30 min.

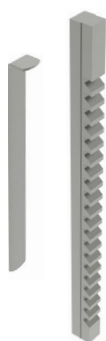
Keyway broaches 3/32 inch

REF: 125-09-01-BRP-00002

Tolerance	JS9 (0,0938 · 0,0948)
Model	A
Broach dimensions	1/8 x 5 inches
Min./Max. Cutting length	13/64 inch / 1 1/8 inches
Required pressure	780lbs
Required shims/ Nr of passes	0 shims / 1 pass
Bushing diameter	1/4, 5/16, 3/8, 7/16 and 1/2 inches
Bushing length	1 1/8 inches
Weight	0,020 Kg. Approx.
PRICE	126,00 €



Accessories for Broaching machine



Broaching time
0:45 min.

Keyway broaches 1/8 inch

REF: 125-09-01-BRP-00003

Tolerance	JS9 (0,1252 · 0,1262)
Model	A
Broach dimensions	1/8 x 5 inches
Min./Max. Cutting length	13/64 inch / 1 1/8 inches
Required pressure	650lbs
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,0310 inches
Bushing diameter	1/4, 5/16, 3/8, 7/16 and 1/2 inches
Bushing length	1 1/8 inches
Weight	0,020 Kg. Approx.
PRICE	126,00 €

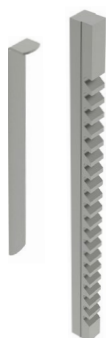


Broaching time
0:40 min.

Keyway broaches 3/32 inch

REF: 125-09-01-BRP-00004

Tolerance	JS9 (0,0938 · 0,0948)
Model	B
Broach dimensions	3/16 x 6 3/4 inches
Min./Max. Cutting length	19/64 inch / 1 11/16 inches
Required pressure	930lbs
Required shims/ Nr of passes	0 shims / 1 pass
Bushing diameter	1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8 inch
Bushing length	1 11/16 inches
Weight	0,100 Kg. Approx.
PRICE	173,00 €

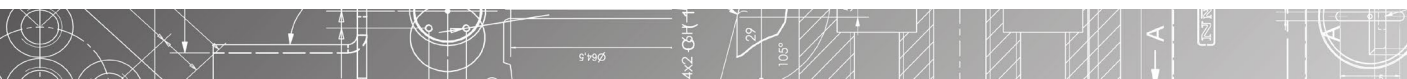


Broaching time
1:00 min.

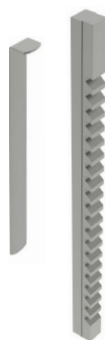
Keyway broaches 1/8 inch

REF: 125-09-01-BRP-00005

Tolerance	JS9 (0,1252 · 0,1262)
Model	B
Broach dimensions	3/16 x 6 3/4 inches
Min./Max. Cutting length	19/64 inch / 1 11/16 inches
Required pressure	720lbs
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,0310 inches
Bushing diameter	1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8 inches
Bushing length	1 11/16 inches
Weight	0,100 Kg. Approx.
PRICE	173,00 €

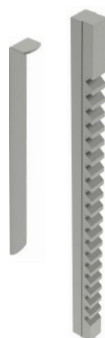


Accessories for Broaching machine



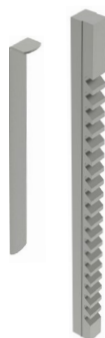
Broaching time
1:00 min.

Keyway broaches 5/32 inch	REF: 125-09-01-BRP-00006
Tolerance	JS9 (0,1564 · 0,1574)
Model	B
Broach dimensions	3/16 x 6 3/4 inches
Min./Max. Cutting length	19/64 inch / 1 11/16 inches
Required pressure	1.320lbs
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,0420 inches
Bushing diameter	1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8 inch
Bushing length	1 11/16 inches
Weight	0,100 Kg. Approx.
PRICE	173,00 €



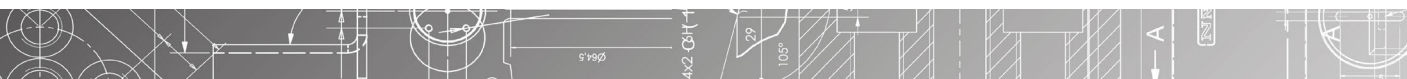
Broaching time
1:00 min.

Keyway broaches 3/16 inch	REF: 125-09-01-BRP-00007
Tolerance	JS9 (0,1877 · 0,1887)
Model	B
Broach dimensions	3/16 x 6 3/4 inches
Min./Max. Cutting length	19/64 inch / 1 11/16 inches
Required pressure	1.860lbs
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,0500 inches
Bushing diameter	1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8 inches
Bushing length	1 11/16 inches
Weight	0,100 Kg. Approx.
PRICE	173,00 €

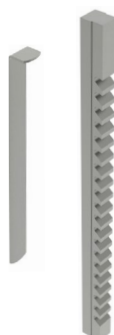


Broaching time
1:20 min.

Keyway broaches 3/16 inch	REF: 125-09-01-BRP-00008
Tolerance	JS9 (0,1877 · 0,1887)
Model	C
Broach dimensions	3/8 x 11 3/4 inches
Min./Max. Cutting length	25/64 inch / 2 1/2 inches
Required pressure	1.540lbs
Required shims/ Nr of passes	1 shim / 2 passes
Thickness	0,0500 inches
Bushing diameter	3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2 and 1 9/16 inches
Bushing length	2 1/2 inches
Weight	0,350 Kg. Approx.
PRICE	191,00 €

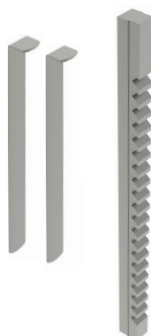


Accessories for Broaching machine



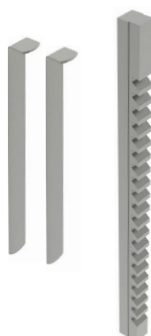
 Broaching time
1:20 min.

Keyway broaches 1/4 inch		REF: 125-09-01-BRP-00009
Tolerance	JS9 (0,2502 · 0,2512)	
Model	C	
Broach dimensions	3/8 x 11 3/4 inches	
Min./Max. Cutting length	25/64 inch / 2 1/2 inches	
Required pressure	2.520lbs	
Required shims/ Nr of passes	1 shim / 2 passes	
Thickness	0,0625 inches	
Bushing diameter	3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2 and 1 9/16 inches	
Bushing length	2 1/2 inches	
Weight	0,350 Kg. Approx.	
PRICE	191,00 €	



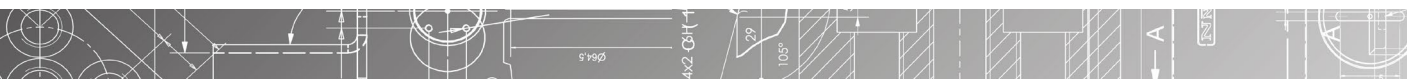
 Broaching time
2:30 min.

Keyway broaches 5/16 inch		REF: 125-09-01-BRP-00010
Tolerance	JS9 (0,3127 · 0,3137)	
Model	C	
Broach dimensions	3/8 x 11 3/4 inches	
Min./Max. Cutting length	25/64 inch / 2 1/2 inches	
Required pressure	3.960lbs	
Required shims/ Nr of passes	2 shims / 3 passes	
Thickness	0,0550 inches	
Bushing diameter	3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2 and 1 9/16 inches	
Bushing length	2 1/2 inches	
Weight	0,350 Kg. Approx.	
PRICE	191,00 €	

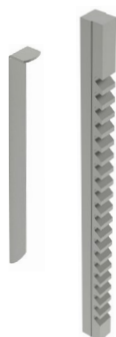


 Broaching time
2:30 min.

Keyway broaches 3/8 inch		REF: 125-09-01-BRP-00011
Tolerance	JS9 (0,3755 · 0,3765)	
Model	C	
Broach dimensions	3/8 x 11 3/4 inches	
Min./Max. Cutting length	25/64 inch / 2 1/2 inches	
Required pressure	4.340lbs	
Required shims/ Nr of passes	2 shims / 3 passes	
Thickness	0,0625 inches	
Bushing diameter	3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2 and 1 9/16 inches	
Bushing length	2 1/2 inches	
Weight	0,350 Kg. Approx.	
PRICE	191,00 €	

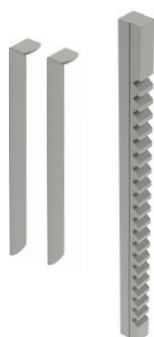


Accessories for Broaching machine



 Broaching time
2:30 min.

Keyway broaches 5/16 inch		REF: 125-09-01-BRP-00012
Tolerance	JS9 (0,3127 · 0,3137)	
Model	D	
Broach dimensions	9/16 x 13 7/8 inches	
Min./Max. Cutting length	1 inch / 6 inches	
Required pressure	8.000lbs	
Required shims/ Nr of passes	2 shims / 3 passes	
Thickness	0,0560 inches	
Bushing diameter	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16 and 3 inches	
Bushing length	4 inches	
Weight	1,00 Kg. Approx.	
PRICE	298,00 €	

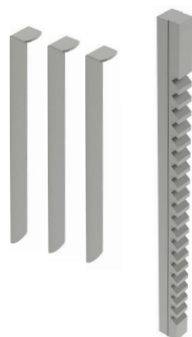


 Broaching time
2:30 min.

Keyway broaches 3/8 inch		REF: 125-09-01-BRP-00013
Tolerance	JS9 (0,3755 · 0,3765)	
Model	D	
Broach dimensions	9/16 x 13 7/8 inches	
Min./Max. Cutting length	1 inch / 6 inches	
Required pressure	7.000lbs	
Required shims/ Nr of passes	2 shims / 3 passes	
Thickness	0,0625 inches	
Bushing diameter	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16 and 3 inches	
Bushing length	4 inches	
Weight	1,00 Kg. Approx.	
PRICE	298,00 €	



Accessories for Broaching machine

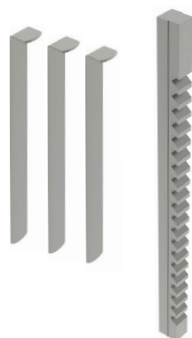


Broaching time
3:00 min.

Keyway broaches 7/16 inch

REF: 125-09-01-BRP-00014

Tolerance	JS9 (0,4380 · 0,4390)
Model	D
Broach dimensions	9/16 x 13 7/8 inches
Min./Max. Cutting length	1 inch / 6 inches
Required pressure	9.400lbs
Required shims/ Nr of passes	3 shims / 4 passes
Thickness	0,0560 inches
Bushing diameter	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16 and 3 inches
Bushing length	4 inches
Weight	1,00 Kg. Approx.
PRICE	298,00 €



Broaching time
3:00 min.

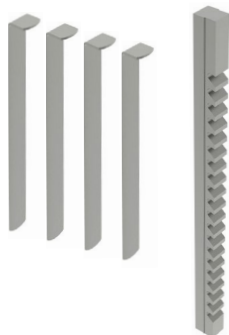
Keyway broaches 1/2 inch

REF: 125-09-01-BRP-00015

Tolerance	JS9 (0,5006 · 0,5016)
Model	D
Broach dimensions	9/16 x 13 7/8 inches
Min./Max. Cutting length	1 inch / 6 inches
Required pressure	9.800lbs
Required shims/ Nr of passes	3 shims / 4 passes
Thickness	0,0625 inches
Bushing diameter	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16 and 3 inches
Bushing length	4 inches
Weight	1,00 Kg. Approx.
PRICE	298,00 €

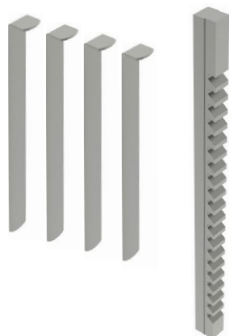


Accessories for Broaching machine



Broaching time
3:40 min.

Keyway broaches 9/16 inch		REF: 125-09-01-BRP-00016
Tolerance	JS9 (0,5631 · 0,5641)	
Model	D	
Broach dimensions	9/16 x 13 7/8 inches	
Min./Max. Cutting length	1 inch / 6 inches	
Required pressure	8.900lbs	
Required shims/ Nr of passes	4 shims / 5 passes	
Thickness	0,0560 inches	
Bushing diameter	1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16 and 3 inches	
Bushing length	6 inches	
Weight	1,00 Kg. Approx.	
PRICE	625,00 €	

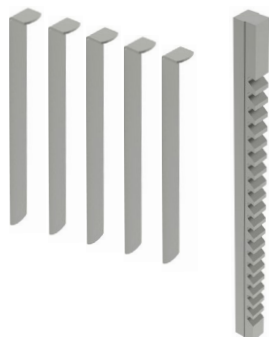


Broaching time
4:00 min.

Keyway broaches 5/8 inch		REF: 125-09-01-BRP-00017
Tolerance	JS9 (0,6260 · 0,6270)	
Model	E	
Broach dimensions	3/4 x 15 1/2 inches	
Min./Max. Cutting length	1 inch / 6 inches	
Required pressure	9.600lbs	
Required shims/ Nr of passes	4 shims / 5 passes	
Thickness	0,0625 inches	
Bushing diameter	2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16, 3, 3 1/16, 3 1/8, 3 3/16, 3 1/4, 3 5/16, 3 3/8, 3 7/16, 3 1/2, 3 9/16, 3 5/8, 3 11/16, 3 3/4, 3 13/16, 3 7/8, 3 15/16 and 4 inches	
Bushing length	6 inches	
Weight	1,500 Kg. Approx.	
PRICE	446,00 €	



Accessories for Broaching machine

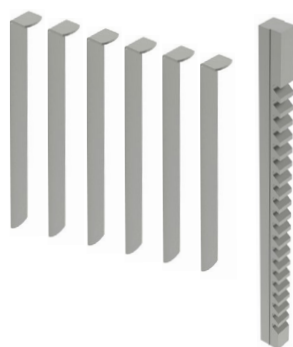


Broaching time
5:00 min.

Keyway broaches 3/4 inch

REF: 125-09-01-BRP-00018

Tolerance	JS9 (0,7515 · 0,7525)
Model	E
Broach dimensions	3/4 x 15 1/2 inches
Min./Max. Cutting length	1 inch / 6 inches
Required pressure	11.900lbs
Required shims/ Nr of passes	5 shims / 6 passes
Thickness	0,0625 inches
Bushing diameter	2 5/16, 2 3/8, 2 7/16, 2 1/2, 2 9/16, 2 5/8, 2 11/16, 2 3/4, 2 13/16, 2 7/8, 2 15/16, 3, 3 1/16, 3 1/8, 3 3/16, 3 1/4, 3 5/16, 3 3/8, 3 7/16, 3 1/2, 3 9/16, 3 5/8, 3 11/16, 3 3/4, 3 13/16, 3 7/8, 3 15/16 and 4 inches
Bushing length	6 inches
Weight	1,500 Kg. Approx.
PRICE	446,00 €



Broaching time
6:00 min.

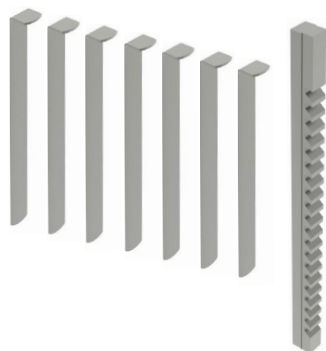
Keyway broaches 7/8 inch

REF: 125-09-01-BRP-00019

Tolerance	JS9 (0,8765 · 0,8775)
Model	F
Broach dimensions	1 x 20 1/4 inches
Min./Max. Cutting length	1 inch / 6 inches
Required pressure	9.800lbs
Required shims/ Nr of passes	6 shims / 7 passes
Thickness	0,0625 inches
Bushing diameter	3 1/16, 3 1/8, 3 3/16, 3 1/4, 3 5/16, 3 3/8, 3 7/16, 3 1/2, 3 9/16, 3 5/8, 3 11/16, 3 3/4, 3 13/16, 3 7/8, 3 15/16, 4, 4 1/16, 4 1/8, 4 3/16, 4 1/4, 4 5/16, 4 3/8, 4 7/16, 4 1/2, 4 9/16, 4 5/8, 4 11/16, 4 3/4, 4 13/16, 4 7/8, 4 15/16 and 5 inches
Bushing length	6 inches
Weight	3,500 Kg. Approx.
PRICE	803,00 €



Accessories for Broaching machine



Broaching time
8:00 min.

Keyway broaches 1 inch

REF: 125-09-01-BRP-00020

Tolerance	JS9 (1,0015 · 1,0025)
Model	F
Broach dimensions	1 x 20 1/4 inches
Min./Max. Cutting length	1 inch / 6 inches
Required pressure	11.100lbs
Required shims/ Nr of passes	7 shims / 8 passes
Thickness	0,0625 inches
Bushing diameter	3 1/16, 3 1/8, 3 3/16, 3 1/4, 3 5/16, 3 3/8, 3 7/16, 3 1/2, 3 9/16, 3 5/8, 3 11/16, 3 3/4, 3 13/16, 3 7/8, 3 15/16, 4, 4 1/16, 4 1/8, 4 3/16, 4 1/4, 4 5/16, 4 3/8, 4 7/16, 4 1/2, 7 9/16, 4 5/8, 4 11/16, 4 3/4, 4 13/16, 4 7/8, 4 15/16 and 5 inches
Bushing length	6 inches
Weight	3,500 Kg. Approx.
PRICE	803,00 €

Accessories for Broaching machine

Bushings



F114 steel guide bushes in H8 diameter tolerance to optimize the perfect finish of the part.

For other dimensions, request the manufacturer.

Reference	Model	Diameter	Length	Tolerance	Broaches	PRICE
125-09-01-CBR-00002	A	10 mm	32 mm	J9	2 - 3 mm	90,00 €
125-09-01-CBR-00004	B	12 mm	46 mm	J9	4 - 5C mm	90,00 €
125-09-01-CBR-00005	B	14 mm	46 mm	J9	4 - 5C mm	90,00 €
125-09-01-CBR-00006	B	16 mm	46 mm	J9	4 - 5C mm	90,00 €
125-09-01-CBR-00007	B	17 mm	46 mm	J9	4 - 5C mm	90,00 €
125-09-01-CBR-00008	C	18 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00009	C	19 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00010	C	20 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00011	C	22 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00012	C	24 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00013	C	25 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00014	C	28 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00015	C	30 mm	65 mm	J9	5 - 6 - 8 mm	90,00 €
125-09-01-CBR-00016	D	32 mm	102 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00017	D	35 mm	102 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00018	D	38 mm	102 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00020	D	40 mm	102 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00021	D	42 mm	102 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00022	D	45 mm	127 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00023	D	48 mm	127 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00024	D	50 mm	127 mm	J9	10 - 12 - 14 mm	102,00 €
125-09-01-CBR-00025	E	55 mm	127 mm	J9	16 - 18 mm	109,00 €
125-09-01-CBR-00026	E	60 mm	154 mm	J9	16 - 18 mm	109,00 €
125-09-01-CBR-00027	E	65 mm	154 mm	J9	16 - 18 mm	109,00 €
125-09-01-CBR-00028	F	70 mm	154 mm	J9	20 - 22 - 24 - 25 mm	209,00 €
125-09-01-CBR-00029	F	75 mm	154 mm	J9	20 - 22 - 24 - 25 mm	209,00 €
125-09-01-CBR-00030	F	80 mm	154 mm	J9	20 - 22 - 24 - 25 mm	260,00 €
125-09-01-CBR-00031	F	85 mm	154 mm	J9	20 - 22 - 24 - 25 mm	260,00 €
125-09-01-CBR-00032	F	90 mm	154 mm	J9	20 - 22 - 24 - 25 mm	312,00 €
125-09-01-CBR-00033	F	95 mm	154 mm	J9	20 - 22 - 24 - 25 mm	312,00 €