

Shim Rings

Inch

Rondelles de calage

Pouce

SHIM RINGS

WITHOUT KEYWAY

STEEL Not Plated

(AISI 1010)

Shim it



Ready to use. Shim Rings provide a simple, fast, accurate means of spacing milling cutters, saws and knives for precision work. Wide selection. Hole diameters from 3/8" I.D. to 2" I.D.; in thicknesses from .001" to .125".

PKG QTY. - 10 Per Size

D

SIZE I.D. x O.D.	Thick-ness	SPAENAUR No.	SIZE I.D. x O.D.	Thick-ness	SPAENAUR No.	SIZE I.D. x O.D.	Thick-ness	SPAENAUR No.
3/8" x 5/8"	.002"	656-150	3/4" x 1-1/8"	.015"	656-184	1-1/4" x 1-3/4"	.004"	656-206
	.003"	656-151		.020"	656-185		.005"	656-207
	.005"	656-152		.031"	656-186		.010"	656-208
	.010"	656-153		.047"	656-187		.015"	656-238
	.015"	656-154	7/8" x 1-3/8"	.062"	656-188	1-3/8" x 1-7/8"	.031"	656-209
	.020"	656-155		.002"	656-236		.047"	656-210
	.031"	656-156		.005"	656-237		.003"	656-211
	.047"	656-157		.010"	656-189		.005"	656-212
1/2" x 3/4"	.062"	656-158	1" x 1-1/2"	.015"	656-190	1-1/2" x 2-1/8"	.010"	656-213
	.002"	656-159		.020"	656-191		.020"	656-239
	.003"	656-160		.031"	656-192		.031"	656-242
	.004"	656-161		.062"	656-248		.062"	656-243
	.005"	656-162	1-1/8" x 1-5/8"	.002"	656-193	1-3/4" x 2-3/4"	.093"	656-244
	.010"	656-163		.003"	656-194		.125"	656-245
	.015"	656-164		.004"	656-195		.005"	656-214
	.020"	656-165		.005"	656-196		.007"	656-235
5/8" x 1"	.031"	656-166	1-1/8" x 1-5/8"	.010"	656-197	2" x 2-3/4"	.010"	656-215
	.047"	656-167		.015"	656-198		.015"	73857
	.062"	656-B61-1A		.020"	656-199		.020"	656-216
	.002"	656-169		.031"	656-200		.025"	73858
	.003"	656-170	3/4" x 1-1/8"	.047"	656-201	2" x 2-3/4"	.062"	656-246
	.004"	656-171		.062"	656-202		.093"	656-247
	.005"	656-172		.093"	656-241		.005"	656-217
	.010"	656-173		.125"	656-240		.010"	656-218
(Cont'd.)	.015"	656-174	3/4" x 1-1/8"	.002"	656-249	2" x 2-3/4"	.020"	656-219
	.020"	656-175		.003"	656-203		.005"	656-220
	.031"	656-176		.005"	656-204		.010"	656-221
	.047"	656-177		.010"	656-205		.020"	656-222
(Cont'd.)	.062"	656-178				.062"	656-268	
	.002"	656-179				.093"	656-269	
	.003"	656-180				.125"	656-270	
	.004"	656-181						

ASSORTMENT 805-629

SHIM RINGS

Steel Not Plated
Without Keyway

73 SIZES - 730 PIECES



Page A83

Contains many numbers listed on this page. Large size welded STEEL grey enamelled Drawer has "scooped" bins. Drawer fits Slide Racks on page A3

Shipping Wgt. 4.42 kg (9.75 lbs)

SHIM RING TOLERANCES

I.D. & O.D. Tolerances

I.D.	Tolerances
I.D.	+0.011/-0.000"
O.D.	±.002"
Thicknesses	
Thicknesses	Tolerances
.001, .0015, .002, .003"	± 10%
.004, .005, .006"	± .0005"
.007, .008, .010, .012, .015"	± .00075"
.020, .025"	± .001"
.031"	± .0015"
.047, .062"	± .002"
.093"	± .0025"
.125"	± .002"

CATALOG 14


SPAENAUR

Inch

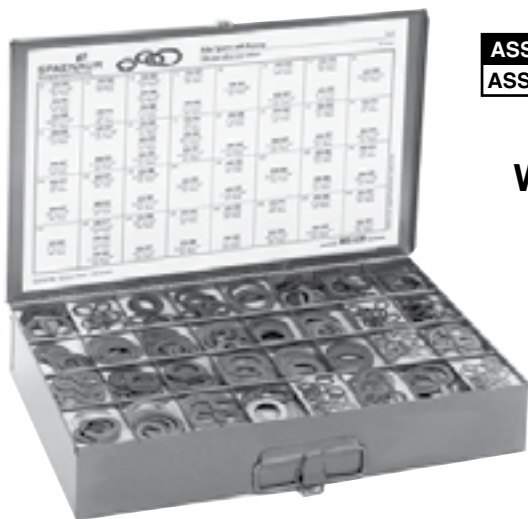
Shim Rings

Pouce

Rondelles de calage

<p>SHIM RINGS WITH KEYWAY STEEL Not Plated (AISI 1010) Inch Sizes Shim Rings are sold in: (a) PKG QTY. of 10 per size (b) Assorted Packs of 19, which contain one size only, in 19 thicknesses (see lower right)</p> 	Size I.D. x O.D.	Thick-ness	SPAENAUR No.	Size I.D. x O.D.	Thick-ness	SPAENAUR No.		
	3/8" x 5/8" with 1/8" Keyway	.004"	656-300	1" x 1-1/2" with 1/4" Keyway	.001"	656-331		
		.005"	656-301		.002"	656-332		
		.010"	656-302		.003"	656-333		
	1/2" x 3/4" with 1/8" Keyway	.004"	656-304		.004"	656-334		
		.005"	656-305		.005"	656-335		
		.010"	656-306		.007"	656-336		
		.031"	656-307		.010"	656-337		
		.047"	656-308		.012"	656-338		
		.062"	656-309		.020"	656-339		
		.125"	656-310		.025"	656-340		
		5/8" x 1" with 3/16" Keyway	.004"		656-311	1-1/8" x 1-5/8" (1/4" Keyway)	.031"	656-341
			.005"		656-312		.047"	656-342
	.010"		656-313	.062"	656-343			
	3/4" x 1-1/8" with 3/16" Keyway	.015"	656-314		.093"	656-344		
		.031"	656-315		.125"	656-345		
		.047"	656-316		1-1/4" x 1-3/4" with 5/16" Keyway	.005"	656-346	
		.002"	656-317			.010"	656-347	
		.003"	656-318			.002"	656-348	
	7/8" x 1-3/8" with 3/16" Keyway	.005"	656-319		.003"	656-349		
.010"		656-320	.004"		656-350			
.012"		656-321	.005"		656-351			
.015"		656-322	.006"		656-352			
.031"		656-323	.007"		656-353			
.047"		656-324	.008"		656-354			
	.010"	656-325		.010"	656-355			
	.004"	656-326		.012"	656-356			
	.005"	656-327		.015"	656-357			
	.010"	656-328		.020"	656-358			
	.031"	656-329		.025"	656-359			
	.047"	656-330		.031"	656-360			
				.062"	656-361			
				.093"	656-362			
				.125"	656-363			

Space it



ASSORTMENT **805-630**
ASSORTIMENT

SHIM RINGS WITH KEYWAY

Steel, Not Plated

64 SIZES
490 PIECES

Large Size welded STEEL, grey enamelled
Drawer has "scooped" bins. Fits Slide
Racks shown on page A3

Shipping weight **4.31 kg** (9.5 lbs.)



Page **A84**

Assorted Packs
Priced Singly
SHIM RINGS
Contain thicknesses from
.001" to .125" (19 to pack)

SPAENAUR No.	SPACER SIZE	KEYWAY SIZE
656-364	3/8" I.D. x 5/8" O.D.	1/8"
656-365	1/2" I.D. x 3/4" O.D.	1/8"
656-366	5/8" I.D. x 1" O.D.	3/16"
656-367	3/4" I.D. x 1-1/8" O.D.	3/16"
656-368	7/8" I.D. x 1-3/8" O.D.	3/16"
656-369	1" I.D. x 1-1/2" O.D.	1/4"
656-370	1-1/8" I.D. x 1-5/8" O.D.	1/4"
656-371	1-1/4" I.D. x 1-3/4" O.D.	5/16"
656-372	1-3/8" I.D. x 1-7/8" O.D.	5/16"
656-373	1-1/2" I.D. x 2-1/8" O.D.	3/8"
656-374	1-3/4" I.D. x 2-3/4" O.D.	7/16"
656-375	2" I.D. x 2-3/4" O.D.	1/2"

For SHIM STOCK
see pages D78 to D80.