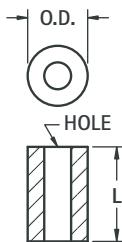


## ROUND CLEAR HOLE SPACERS



BRASS



ALUMINUM



NYLON



**MATERIAL:** Brass: ASTM B16, Nickel Plate (QQ-N-290) Aluminum: ASTM B211, Clear Iridite (MIL-C-5541) Nylon: Nylon 6/6, UL Rated 94V-2

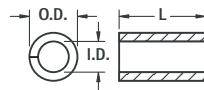
CLEAR HOLE	O.D.	L LENGTH	BRASS CAT. NO.	ALUMINUM CAT. NO.	NYLON CAT. NO.
<b>.120 (3.0) For #4</b>	<b>.250 (6.4)</b>	.125 (3.2)	<b>1909</b>	<b>2036</b>	<b>875</b>
		.250 (6.4)	<b>1454A</b>	<b>3457</b>	<b>876</b>
		.375 (9.5)	<b>1454B</b>	<b>3458</b>	<b>877</b>
		.500 (12.7)	<b>1454C</b>	<b>3459</b>	<b>878</b>
		.625 (15.9)	<b>1919</b>	<b>2314</b>	<b>879</b>
		.750 (19.1)	<b>1454D</b>	<b>3460</b>	<b>880</b>
		.875 (22.2)	<b>1920</b>	<b>3402</b>	<b>881</b>
		1.000 (25.4)	<b>1454E</b>	<b>3461</b>	<b>882</b>
		1.500 (38.1)	<b>1924</b>	<b>3462</b>	<b>779</b>
		2.000 (50.8)	<b>1925</b>	<b>3463</b>	—
<b>.140 (3.5) For #6</b>	<b>.250 (6.4)</b>	.125 (3.2)	<b>1934</b>	<b>3403</b>	<b>883</b>
		.250 (6.4)	<b>1457A</b>	<b>3464</b>	<b>884</b>
		.375 (9.5)	<b>1457B</b>	<b>3465</b>	<b>885</b>
		.500 (12.7)	<b>1457C</b>	<b>3466</b>	<b>886</b>
		.625 (15.9)	<b>1935</b>	<b>3429</b>	<b>887</b>
		.750 (19.1)	<b>1457D</b>	<b>3467</b>	<b>888</b>
		.875 (22.2)	<b>1936</b>	<b>3438</b>	<b>889</b>
		1.000 (25.4)	<b>1457E</b>	<b>3468</b>	<b>890</b>
		1.500 (38.1)	<b>1937</b>	<b>3469</b>	<b>789</b>
		2.000 (50.8)	<b>1938</b>	<b>3470</b>	—

CLEAR HOLE	O.D.	L LENGTH	BRASS CAT. NO.	ALUMINUM CAT. NO.	NYLON CAT. NO.
<b>.171 (4.3) For #8</b>	<b>.250 (6.4)</b>	.125 (3.2)	<b>1942</b>	<b>4258</b>	<b>891</b>
		.250 (6.4)	<b>1480</b>	<b>3471</b>	<b>892</b>
		.375 (9.5)	<b>1481</b>	<b>3472</b>	<b>893</b>
		.500 (12.7)	<b>1482</b>	<b>3473</b>	<b>894</b>
		.625 (15.9)	<b>2032</b>	<b>4259</b>	<b>895</b>
		.750 (19.1)	<b>1483</b>	<b>3474</b>	<b>896</b>
		.875 (22.2)	<b>2033</b>	<b>4260</b>	<b>897</b>
		1.000 (25.4)	<b>1484</b>	<b>3475</b>	<b>898</b>
		1.500 (38.1)	<b>2034</b>	<b>3476</b>	<b>799</b>
		2.000 (50.8)	<b>2035</b>	<b>3477</b>	—
<b>.196 (5.0) For #10</b>	<b>.312 (7.9)</b>	—	—	—	—
		.250 (6.4)	<b>1662</b>	<b>4261</b>	<b>790</b>
		.375 (9.5)	<b>1663</b>	<b>4262</b>	<b>791</b>
		.500 (12.7)	<b>1664</b>	<b>4263</b>	<b>792</b>
		.625 (15.9)	<b>1665</b>	<b>4264</b>	<b>793</b>
		.750 (19.1)	<b>1666</b>	<b>4265</b>	<b>794</b>
		.875 (22.2)	<b>1667</b>	<b>4266</b>	<b>795</b>
		1.000 (25.4)	<b>1668</b>	<b>4267</b>	<b>796</b>
		1.500 (38.1)	<b>1669</b>	<b>4268</b>	<b>797</b>
		2.000 (50.8)	<b>1672</b>	<b>4269</b>	—

\*Visit our Parts Builder System online ([www.keyelco.com](http://www.keyelco.com)) to see all of our spacer offerings.

## ALUMINUM ECONOMY SPACERS

- Made of flat strip aluminum and rolled on precision equipment
- Assures maximum bearing surface, square ends
- Tight Joint on Outside Diameter



**MATERIAL:** Aluminum

SPACER FOR	I.D.	O.D. REF.
# 4	.120 (3.0)	.167 (4.3)
# 6	.148 (3.8)	.193 (4.9)
# 8	.176 (4.5)	.232 (5.9)

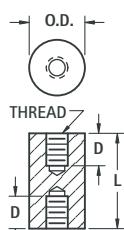
L LENGTH	SCREW CLEARANCE		
	# 4 CAT. NO.	# 6 CAT. NO.	# 8 CAT. NO.
.187 (4.7)	<b>397</b>	—	—
.250 (6.4)	<b>398</b>	<b>405</b>	<b>412</b>
.312 (7.9)	<b>399</b>	<b>406</b>	<b>413</b>
.375 (9.5)	<b>400</b>	<b>407</b>	<b>414</b>
.437 (11.1)	<b>401</b>	<b>408</b>	<b>415</b>
.500 (12.7)	<b>402</b>	<b>409</b>	<b>416</b>
.625 (15.9)	<b>403</b>	<b>410</b>	<b>417</b>

L LENGTH	SCREW CLEARANCE		
	# 4 CAT. NO.	# 6 CAT. NO.	# 8 CAT. NO.
.750 (19.1)	<b>418</b>	<b>425</b>	<b>432</b>
.875 (22.2)	<b>419</b>	<b>426</b>	<b>433</b>
1.000 (25.4)	<b>420</b>	<b>427</b>	<b>434</b>
1.250 (31.8)	<b>421</b>	<b>428</b>	<b>435</b>
1.500 (38.1)	<b>422</b>	<b>429</b>	<b>436</b>
1.750 (44.5)	—	<b>430</b>	<b>437</b>
2.000 (50.8)	—	—	<b>438</b>

## CERAMIC STANDOFFS

- Ideal for very high temperature conditions
- Commercial and military types available
- Military types meet MIL-1-010, NL # clearly marked

- Exceptional strength in compression and tension
- Withstands very high voltage without flashover
- Special sizes available upon request



CAT. NO.	L LENGTH	O.D.	T THREAD	D DEPTH
<b>7710</b>	.250 (6.4)	.250 (6.4)	6-32	THRU
<b>7711</b>	.500 (12.7)	.250 (6.4)	6-32	.156 (4.0)
<b>7712</b>	.375 (9.5)	.375 (9.5)	6-32	.156 (4.0)
<b>7713</b>	.500 (12.7)	.375 (9.5)	6-32	.156 (4.0)
<b>7714</b>	.500 (12.7)	.500 (12.7)	6-32	.140 (3.6)
<b>7715</b>	.750 (19.1)	.500 (12.7)	6-32	.250 (6.4)
<b>7716</b>	1.000 (25.4)	.500 (12.7)	6-32	.375 (9.5)
<b>7717</b>	1.500 (38.1)	.500 (12.7)	6-32	.562 (14.3)
<b>7718</b>	2.500 (63.5)	.500 (12.7)	6-32	.500 (12.7)
<b>7719</b>	2.500 (63.5)	.750 (19.1)	1/4 - 20	.750 (19.1)
<b>7720</b>	4.000 (101.6)	.750 (19.1)	1/4 - 20	.750 (19.1)

**MATERIAL:** Grade L5 Ceramic

CAT. NO.	L LENGTH	O.D.	T THREAD	D DEPTH	NL #
<b>7661</b>	.500 (12.7)	.375 (9.5)	6-32	.156 (4.0)	NL523W01-004
<b>7662</b>	.625 (15.9)	.375 (9.5)	6-32	.250 (6.4)	NL523W01-005
<b>7663</b>	.625 (15.9)	.500 (12.7)	8-32	.187 (4.7)	NL523W02-005
<b>7664</b>	.750 (19.1)	.375 (9.5)	6-32	.250 (6.4)	NL523W01-006
<b>7665</b>	.750 (19.1)	.500 (12.7)	8-32	.250 (6.4)	NL523W02-006
<b>7666</b>	1.000 (25.4)	.375 (9.5)	6-32	.375 (9.5)	NL523W01-008
<b>7667</b>	1.000 (25.4)	.500 (12.7)	8-32	.375 (9.5)	NL523W02-008
<b>7668</b>	1.000 (25.4)	.750 (19.1)	10-32	.375 (9.5)	NL523W03-008
<b>7669</b>	1.250 (31.8)	.375 (9.5)	6-32	.375 (9.5)	NL523W01-010
<b>7670</b>	1.250 (31.8)	.500 (12.7)	8-32	.375 (9.5)	NL523W02-010
<b>7671</b>	1.250 (31.8)	1.000 (25.4)	1/4 - 20	.437 (11.1)	NL523W04-010
<b>7672</b>	1.500 (38.1)	.375 (9.5)	6-32	.375 (9.5)	NL523W01-012
<b>7673</b>	1.500 (38.1)	.500 (12.7)	8-32	.375 (9.5)	NL523W02-012
<b>7674</b>	1.500 (38.1)	.750 (19.1)	10-32	.375 (9.5)	NL523W03-012
<b>7675</b>	1.500 (38.1)	1.000 (25.4)	1/4 - 20	.500 (12.7)	NL523W04-012
<b>7676</b>	2.000 (50.8)	.375 (9.5)	6-32	.375 (9.5)	NL523W01-016
<b>7677</b>	2.000 (50.8)	.500 (12.7)	8-32	.375 (9.5)	NL523W02-016
<b>7678</b>	2.000 (50.8)	.750 (19.1)	10-32	.375 (9.5)	NL523W03-016