

Spacer/Shim (Feeler Gauge)

Reduce looseness and fine tune precision equipment assembly to a higher degree of accuracy.

TDC's Shims, Spacers, Washers

TDC's super precision shims, spacers, washers without dispersion in thickness enable high assembly precision. TDC provides shims for M2 to M8 as TDC standard shim. (Please refer to the price list below)



Why TDC's Spacer?

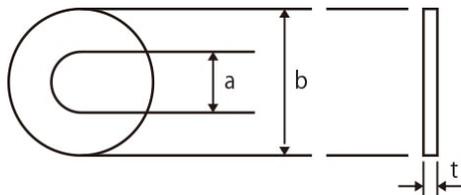
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|-----------------|---|
| Precision | TDC supplies shims with tolerance of thickness $\pm 0.5\mu\text{m}$ or $\pm 1\mu\text{m}$ in compliance with the customers' requirements. |
| Low Cost | TDC provide a shim from one piece as par the below price list. |
| Prompt Delivery | TDC standard type shims can be shipped on the day of your order if stocks are available. |
| Convenience | We also accept materials and shapes different from TDC standard shim on request. |

Specification for TDC Standard Shim

TDC Super Precision Shim

- Material SUS304
- Thickness Tolerance $\pm 1\mu\text{m}$ (0.001mm)
- Measurement Equipment Mitsutoyo Laser Hologage

Precise adjustment is available for assembling of precision equipment, mold and jig. TDC can provide not only TDC standard shim as per the below drawing but also any other shapes like washer or square.



TDC can provide not only TDC standard shim but also shims in any other shapes and sizes on request.

Processing Achievement

Price List (TDC Standard Shim) * Please refer to the above drawing about each size.

Type	Size a(mm)	Size b(mm)	$\pm 1\mu\text{m}$ (JPY) *Excluding Tax	$\pm 1\mu\text{m}$ (JPY) *Excluding Tax
For M2,M3	3.3	6.5	@400	@600
For M4	4.5	8	@460	@690
For M5	5.5	10	@550	@830For
For M6	6.5	12	@650	@980
For M8	8.5	16	@850	@1,280

Thickness Size t(um)

10,11,12,13,14,15,16,17,18,19,20,30,40,50,60,70,80,90,100

*TDC provide a shim from one piece. *The prices do not include any transportation charge.

*The price do not include any tax.

Mirror Fit Spacer

TDC developed a “Mirror fit spacer” with mirror polished surface, not affecting the volume of variation in assembling equipments, contributing to the stability of dimensions.



Surface Roughness Ra 1nm



Surface Roughness Ra 80nm

- From one piece to large scale production
- From material procurement to all processing processes
- For more information on delivery time, price and other specifications, please contact us as follows

Contact Us

