










Asker® Durometer Specifications and Selection Guide

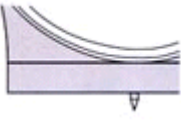
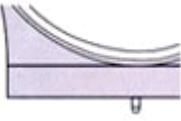
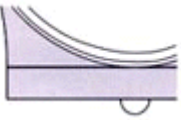
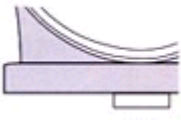
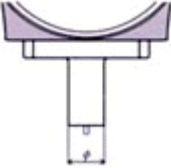

This selection guide is designed as a general overview of the many Asker® Durometer styles, types, spring force ranges, and indenter configurations.



It may assist in choosing the proper durometer for a particular application, however, it is not to be considered a definitive technical document.

Questions regarding specific testing requirements requiring detailed technical information, are freely answered as a service to our customers.

Asker® Durometers						
Dimensions expressed in millimeters (mm). Force expressed in grams (gf).						
The "Model" column contains a link to the individual page for the listed Asker® Durometer.						
Model	Image	Standard	Indenter	Spring Force Min-Max	Presser Foot	Dimensions
JA¹		JIS K 6253	35° Frustrum Cone 0.79 R tip 1.27 Ø	55 - 855	44 x 18 Rectangular	Width 57 Depth 30 Height 76
JC¹		JIS K 6253		100 - 4500		
A¹		JIS K 6253 JIS K 7215 ASTM D2240 ISO 7619 ISO 868		56 - 821		
D¹		JIS K6253 JIS K 7215 ASTM D2240 ISO 7619 ISO 868	30° Cone 0.10 R tip 1.27 Ø	0 - 4533		
B¹		ASTM D2240		56 - 821		
C¹		SRIS 0101 (Japan)	5.08 Ø Sphere	55 - 855		
C2¹		ASKER C2		55 - 455		
DD-2		¹ Indicates availability in the Digital Model DD-2				
CS		ASKER CS	10 Ø Cylinder	100 - 4500	50 Ø Circular	Width 50 Depth 50 Height 76
FP		ASKER FP	15 Ø Cylinder	100 - 200	50 x 37 Oval	Width 50 Depth 37 Height 81
F		ASKER F	25.2 Ø Cylinder	55 - 455	80 Ø Circular	Width 80 Depth 80 Height 81

Asker® Indentor Designs		
	30° Cone	Types B and D Hard Rubber and Plastics
	Truncated (Frustrum) 35° Cone	Types A, C, JA and JC Soft Rubber and Plastics
	5.08 mm Ø Sphere	Asker Types C and C2 Softer Rubber & Sponge
	10, 15 & 25.2 mm Ø Cylinder	Asker Types F, FP and CS Urethanes & Foams
Asker® Extended Presser Foot Designs		
	10 mm Ø	Types JAL and JCL
	12 mm Ø	Types AL, DL and BL
	16 mm Ø	Models C1L and C2L
Asker® Maximum Reading Hand Design		
	The Maximum Indicating Hand allows for the retention of the maximum indicated reading. This is especially useful with materials that exhibit rapid hysteresis, dynamic stress relaxation, or when it is difficult to instantaneously observe the reading without introducing focal parallax.	

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