

Standard Plaque Inc.
Table 1 - Injection Molds/Cavities

Mold No.	Plaque Size Dimensions	Function / Usage	Cavities	Surface Finish A)Core / B)Cavity	Gate-Runner Mold Design
1A-1 1A-2	5" x 5" x 0.100" (2.5mm) 5" x 5" x 0.118 "(3.0mm)	Ford/Chrysler Smooth Paint, Material, Multi-axial Impact Testing	2	Lens finish, Diamond Polish A) SPI #1 B) SPI #1	1" Fan Gate S-Runner System Full Round Runner
1A-6 1A-8	5" x 5" x 0.200" (5.1mm) 5" x 5" x 0.250" (6.35mm)	Ford/Chrysler Smooth Paint, Material, Multi-axial Impact Testing	1	Smooth finish A) SPI #1 B) SPI #1	1" Fan Gate S-Runner System Full Round Runner
1B-1 1B-2	5" x 5" x 0.100" (2.5mm) 5" x 5" x 0.118 "(3.0mm)	Textured Plaque Stipple 0 / Stipple 1 Paint/Material Testing	2	A)TextureT2019 A)TextureT2016 B) Lens Finish SPI #1	1" Fan Gate S-Runner System Full Round Runner
1C-1 1C-2	5" x 5" x 0.100" (2.5mm) 5" x 5" x 0.118 "(3.0mm) Reverse Stipple	Textured Plaque - GM Grain, Paint/Material Testing	2	A) GM Reverse Camera Case Grain, GMCP 674 B) Lens Finish SPI #1	1" Fan Gate S-Runner System Full Round Runner
1D-1 1D-2	5" x 5" x 0.100" (2.5mm) 5" x 5" x 0.118 "(3.0mm) Stipple #5	Textured Plaque - Stipple Grain, Paint/Material Testing	2	A) Stipple #5 Grain, Exterior Body B) Lens Finish SPI #1	1" Fan Gate S-Runner System Full Round Runner
1E-1 1E-3	5" x 5" x 0.100" (2.5mm) 5" x 5" x 0.125"(3.2mm)	Ford/Chrysler Smooth Paint, Material, Multi-axial Impact Testing	1	Lens finish, Diamond Polish A) SPI #1 B) SPI #1 No Ejector Pins	0.5" Fan Gate Trapezoid-Runner System Full Round Runner
1F-1 1F-2	5" x 5" x 0.100" (2.5mm) 5" x 5" x 0.118 "(3.0mm) Fawn2	Textured Plaque - Ford Grain, Paint/Material Testing	2	A) Ford Fawn #2 Grain, Interior Panel B) Lens Finish SPI #1	1" Fan Gate S-Runner System Full Round Runner
2A-1 2A-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm)	GM Smooth Paint, Material, Multi-axial Impact Testing	2	Lens finish, Diamond Polish A) SPI #1 B) SPI #1	0.5" End Gate S-Runner 3/8" Round Runner

Legend: -1 = 0.100" -4 = 0.138" -7= 0.080"
 -2 = 0.118" -5 = 0.157"
 -3 = 0.125" -6 = 0.200"

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2B-1 2B-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm) Sierra Grain	GM Grained Paint, Material, Multi-axial Impact Testing	1	A) GMCP-551 / SPI #1 B) SPI #1	½" End Gate S-Runner 3/8" Round Runner
2C-1 2C-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm)	Hot Stamp Evaluation Panel -Abrasion Test	1	A)Taber Abrasion Circle Raised Letters and Numbers B) SPI #1	½" End Gate S-Runner 3/8" Round Runner
2D-1 2D-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm)	GM Grained Paint, Material, Multi-axial Impact Testing	1	A) GMCP-625 / SPI #1 B) Lens Finish / SPI #1	½" End Gate S-Runner 3/8" Round Runner
2E-1 2E-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm)	GM Grained Paint, Material, Multi-axial Impact Testing	1	A) GMCP-709 B) Lens Finish / SPI #1	½" End Gate S-Runner 3/8" Round Runner
2F-1 2F-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm) Variable Gloss Study	Gloss Studies Material, Multi-axial Impact Testing	2	A) Low Gloss, Vapor Honed B) Lens Finish / SPI #1	½" End Gate S-Runner 3/8" Round Runner
2G-1 2G-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm) Mazda TH112/TH113	Stipple 1 / Stipple 2 Mazda Grained Paint, Material, Multi-axial Impact Testing	1	A)TextureTH112 /SPI #1 A)TextureTH113 /SPI #1 B) Lens Finish SPI #1	½" End Gate S-Runner 3/8" Round Runner
2H-1 2H-3	4"x 6" x 0.100" (2.5mm) 4"x 6" x 0.125" (3.2mm) Toyota GR501	GR501 Stipple Toyota Grained Paint, Material, Multi-axial Impact Testing	1	A) Grain 501 B) Lens Finish SPI #1	½" End Gate S-Runner 3/8" Round Runner
2I-1	4"x 6" x 0.100" (2.5mm) GMCP 640 / GMCP 674-C	GMCP 640/ GMCP 674-C Exterior Grained Paint, Material, Multi-axial Impact Testing.	1	A) 640/Smooth/674-C B) Low / Medium / High Gloss	½" End Gate S-Runner 3/8" Round Runner
2I-E967 4	4"x6"x0.125" (3.2mm) GM Exterior GMCP 640/ GMCP 674-C	GMCP 640/ GMCP 674-C Exterior Grained Paint, Material, Multi-axial Impact Testing. A Side, (3) Finishes B Side, (3) Finishes	1	A) SPI 1 High Gloss A) SPI 3 Medium A) SPI 5 Low Gloss B) GMCP 640 B) High Gloss 80 Polished B) GMCP 674-C	2.75" Fan Gate 3/8" Round Runner
2J-1	4"x 6" x 0.100" (2.5mm) GM Interior PGE	GM Interior PGE Interior Grained Paint, Material, Multi-axial Impact Testing. A Side, (4) Finishes	1	A) GMGA001-Darwin A) GMGF001-Brazil A) GMGT001-Taffeta A) GMSF002 B) GMGT004-Hana B) GMGA020-Flatex	½" End Gate S-Runner 3/8" Round Runner

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		B Side, (4) Finishes		B) GMGF002-Rio B)High Gloss 80 Polished	
2J-3	4"x 6" x 0.125" (3.2mm) GM Interior PGE	GM Interior PGE Interior Grained Paint, Material, Multi-axial Impact Testing. A) Side, (4) Finishes B) Side, (1) Finish	1	A) GMGA001-Darwin A) GMGF001-Brazil A) GMGT001-Taffeta A) GMSF002 B) Lens Finish SPI #1	1/2" End Gate S-Runner 3/8" Round Runner
2K443	4"x6"x0.125" (3.2mm) GM Exterior PGH	GM Exterior PGH Exterior Grained Paint, Material, Multi-axial Impact Testing. A Side, (2) Finishes B Side, (4) Finishes	1	A) GMGF002-Rio A)High Gloss 80 Polished B) GMGT004-Hana B) GMGF001-Brazil B) GMGT001-Bahia B) GMSF002	2.75" Fan Gate 3/8" Round Runner
2 EXS	4"x6"x0.125" (3.2mm)	ISO 2577 Shrink Study Plaque Paint / Material Evaluation	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1 2 Ejector Pins	2.75" Fan Gate 3/8" Round Runner
3A	3"x 8" x 0.110" FSM Montana BG	Interior Ford Styling Master Paint-Molded In Color Master	2	A) SPI #1, SPI #3, SPI #5 B) Montana BG Grain / SPI#1	End Table Gate 3/8" Full Round Runner
4A	3"x 7"x 0.110"	Interior Chrysler Styling Master Paint-Molded in Color Master	1	A) SPI#1 B) CPM423, SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner
4B	3"x 7"x 0.110"	Chrysler Styling Master Smooth Paint-Molded in Color Master	1	A) SPI#1, B) CPM507 SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner
4D	3"x7"x0.125" Miller/Stipple Grain	Interior Chrysler Styling Master Paint-Molded in Color Master	2	A) SPI#1, B) CPM 535, CPM 493, SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner
4E	3"x 7"x 0.125" Miller Grain	Interior Chrysler Styling Master Paint-Molded in Color Master	1	A) SPI#1 B) CPM 535, CPM 535 w/Micro-dot	End Fan Gate 3/4" 3/8" Full Round Runner
5A	4"x 14"x 0.080" (101.6mm x 355.6 x 2mm)	Flammability Testing Paint Testing Weathering Studies FMVSS302 ISO 3795	1	A) Smooth Finish SPI #3 B) Smooth Finish SPI #3	15" Edge Fan Gate 3/8" Full Round Runner

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5B	4"x 0.125" Disc Smooth	Multi-axial Impact Testing Taber Abrasion A.S.T.M. D3763MA1	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner
6A-7 6A-3 6A-5 6A-9	4"x 8"x 0.080" 4"x 8"x 0.125" 4"x 8"x 0.157" 4" x 8"x0.070"	Paint / Material Testing Weathering Evaluation (Ford Logo)	2	A) SPI #3 B) SPI #3	7" Fan Gate Oversize Sprue
6B-1	4"x 8"x 0.100"(2.5mm)	Paint / Material Testing Weathering Evaluation Gloss Studies	1	SPI #5 / SPI #5	7" Fan Gate Oversize Sprue
6C-3	4"x 8"x 0.125"(3.2mm) Ford Corinthian Grain	Paint / Material Testing Smooth vs. Texture Studies	1	A) Ford Corinthian A) Lens Finish SPI #1 B) Lens Finish SPI #1	7" Fan Gate Oversize Sprue
6D-3	4"x 8"x 0.125"(3.2mm) Ford Cordwain #1 Grain	Paint / Material Testing Smooth vs. Texture Studies	1	A) Ford Cordwain #1 A) Lens Finish SPI #1 B) Lens Finish SPI #1	7" Fan Gate Oversize Sprue
6E-3	4"x 8"x 0.125"(3.2mm) Ford Cordwain #2 Grain	Paint / Material Testing Smooth vs. Texture Studies	1	A) Ford Cordwain #2 A) Lens Finish SPI #1 B) Lens Finish SPI #1	7" Fan Gate Oversize Sprue
6F-3	4"x 8"x 0.125"(3.2mm) Ford Cordwain #3 Grain	Paint / Material Testing Smooth vs. Texture Studies	1	A) Ford Cordwain #3 A) Lens Finish SPI #1 B) Lens Finish SPI #1	7" Fan Gate Oversize Sprue
6G-3	4"x 8"x 0.125" Insert #1 Insert #2 Insert #3 Insert #4	Screw Boss Evaluation 3 Bosses per Insert	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	7" Fan Gate Oversize Sprue
6H-1	4"x 8"x 0.100" Boss / Rib Tool	Screw Boss Evaluation 2 Bosses Material Study 3 Ribs	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	7" Fan Gate Oversize Sprue
6 I	4"x 8"x 0.090"	Paint / Material Testing Weathering Evaluation		A) Vapor-honed Finish SPI #5 B) Vapor-honed Finish SPI #5	7" Fan Gate Oversize Sprue
7A 7B	4"x 14"x 0.050"(1.27mm) 4"x 14"x 0.040"(1.02mm)	Flammability Test Panels ISO 3795 FMVSS302	1	A) SPI #3 B) SPI #5 B) SPI #5	14" Full Edge Gate 3/8" Full Round Runner

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8A B C D E	Type 1 Tensile Bar 0.125" Flex Bar 5"x 0.5"x 0.125" Flex Bar 5"x 0.5"x 0.250" Flex Bar 5"x 0.5"x 0.500" Impact Disc 2"x 0.125"	A.S.T.M. Specimens	5	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gates with Shut-offs for Each Cavity
9A	4"x 0.0625" (1.59mm) Circular Disc	Material / Paint Testing Gardner / Rheometric Impact Testing	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	3/8" End Gate 3/8" Full Round Runner
9C 9D	4"x 0.250" (6.35mm) 4"x 0.500" (12.7mm) Circular Disc	Material / Paint Testing Gardner / Rheometric Impact Testing	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	3/8" End Gate 3/8" Full Round Runner
9F	4"x 0.125" (3.2mm) ½" Hole Taber Abrasion Circular Disc	Material / Paint Testing Gardner / Rheometric Impact Testing	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	3/8" End Gate 3/8" Full Round Runner
9G	4"x 0.125" (3.2mm) CPM Chrysler Grained Circular Disc Textured	Material / Paint Testing Gardner / Rheometric Impact Testing	1	A) CPM 626ML MGD Austin Grain (Leather Grain) B) CPM 621 Shadow Grain (Fine Stipple)	3/8" End Gate 3/8" Full Round Runner
9H	1"x 2"x 0.425" (10.8mm)	Compression Testing	1	A) SPI #3, Smooth B) SPI #3, Smooth	3/8" End Gate 3/8" Full Round Runner
10A NOT IN SERVIC	Type 1 Tensile Bar 0.125" Flex Bar 5"x 0.5"x 0.125" Flex Bar 5"x 0.5"x 0.250" Flex Bar 5"x 0.5"x 0.500" 2"x 4"x 0.125"	A.S.T.M. Specimens	5	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Center Sprue Full Round Runner M.U.D. Unit
10B	0.063" Spiral Flow (1/16")	Spiral Flow Studies	1		Center Sprue Full Round Runner M.U.D. Unit
10C	0.250" Spiral Flow (1/4")	Spiral Flow Studies	1		Center Sprue Full Round Runner M.U.D. Unit
10D	4mm Tensile Bar ISO Specimens	ISO Type 1A Tensile Bar 162mm x 10mm x 4mm	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
10E	4mm Flex Bar ISO Specimens	117mm x 10mm x 4mm	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit

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10F	1"x 4"x 0.125"(3.2mm)	Adhesive Test Panels Lap Shear Specimens	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
10G	Type 1 Tensile Bar(1/16") Type S Tensile Bar(1/16") Type S Tensile Bar(1/8")	Underwriter's Laboratory Sample Impact Specimens	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
10H	3"x 4"x 0.040"(1mm)	Q.C. Spray-out Panel	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
10 I	Type 1 Tensile Bar 0.125" Double Gated	Knit Line Studies Double Gated, End Gates	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
10J	Type 4 Tensile Bar 1.300"x 0.250"x 1.600" Overall Length 4.500"	A.S.T.M. Specimens	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
10K	ISO 527 1BA 75mm x 30mm x 2mm	Honda ISO Tensile Bar	1	A)Smooth Finish B)Smooth Finish	Tab Gate ¼" Trapezoidal Runner M.U.D. Unit
11A	4"x 12"x 0.125" (101.6mm x 304.8mm x 3.2mm)	Paint / Material Studies Shrinkage Measurements	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner
11B	4"x 12"x 0.125" (101.6mm x 304.8mm x 3.2mm)	Paint / Material Studies Knit Line Studies <u>Double Gated</u>	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner <u>Double Gated</u>
11C	4"x 12"x 0.125" (101.6mm x 304.8mm x 3.2mm)	Paint / Material Studies Shrinkage Measurements	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	End Fan Gate 3/4" 3/8" Full Round Runner Top Tab W/Hole
12A B	Tongue & Groove- Male Tongue & Groove- Female 2"x 4"x 0.125"	Adhesive Studies Lap Shear Pull Test	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	1/4" End Gate 1/2" Round Runner
13A-1	3"x 6"x 0.105"(2.5mm)	Paint / Material Studies	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	End Gate 1/2" Full Round Runner

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13B-1	3"x 6"x 0.105"(2.5mm) Mazda X-012 Grain	Interior Mazda Styling Master	2	A) Mazda X-012 Grain B) Lens Finish SPI #1	End Gate 1/2" Full Round Runner
14A	7.5"x 8.5"x 0.125"	Large Plaque Requirements	1	A) Lens Finish SPI #1, 4" Center Section A) SPI # 5 B) Lens Finish SPI #1	1" End Gate
14B	7.5"x 8.5"x 0.125" Ford Montana BG	Large Plaque Requirements	1	A) Lens Finish SPI #1, 4" Center Section A) SPI # 5 B) Montana BG / Lens Finish SPI #1	1" End Gate
14C	7.5"x 8.5"x 0.125" Stipple #5	Large Plaque Requirements	1	A) Lens Finish SPI #1, 4" Center Section A) SPI # 5 B) Stipple #5	1" End Gate
14D	7.5"x 8.5"x 0.125" Stipple #1, Stipple #2	Large Plaque Requirements	1	A) Lens Finish SPI #1, 4" Center Section A) SPI # 5 B) Stipple #1, Stipple #2	1" End Gate
14 F G H I J K L M N O P Q R S T	7.5"x8.5"x 0.125" AMC 83J70 AMC 83P1 AMC 83P122 AMC 83P38 AMC 83P39 AMC 83-P-90 AMC 83-P-94 AMC 84P66 AMC 88P100 AMC 88P101 AMC 88P103 AMC 89P103 AMC 89P104 Leather Grain A Leather Grain B	AMC Grained Styling Master Rough Stipple Leather Grain Med Leather Grain Fine Stipple Fine Stipple Large Stipple 5 Flutes Rough Stipple Leather Grain Wide Leather Grain Fine Stipple Reverse Dots Fine Stipple Leather Grain Leather Grain		A) Lens Finish SPI #1, 4" Center Section A) SPI # 5 B) Grained	1/2" End Gate
14F	2.5"x 3.5"x 0.090"	Q.C. Color Chip Sprayout Panel	4	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Pin Gate 3/8" Round Runner
14F-2	2.5"x 3.5"x 0.090" Ford Styling Master Montana BG Grain	Q.C. Color Chip Textured Sprayout Panel	4	A) Montana BG B) Lens Finish SPI #1	Pin Gate 3/8" Round Runner

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14G	Circular Disc 7"x 0.250"	Large Plaque Requirements	1	A) Lens Finish SPI #3 B) Lens Finish SPI #3	1"x0.125" End Gate
14H	2"x 5"x 0.125"(3.2mm)	Arizona Exposure Panels	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	1/2" End Gate
14J	7.5"x 8.5"x 0.125"	Large Plaque Requirements/ UL Testing	1	A) Lens Finish SPI #1, 4" Center Section A) SPI # 5 B) Smooth Finish SPI #5 Vapor Honed	1" End Gate
14N424	7.5"x8.5"x 0.125"	Interior Nissan N-424 Styling Master	1	A) Smooth Finish B) Nissan N-424	1" End Gate
15 A B C	3"x 8"x 0.125" Ford Fawn 1-ZB Ford Fawn 2-ZK Ford Fawn 3-ZL	Interior Ford Styling Master Paint / Molded-in Color Master	2	A) Lens Finish SPI #1 B) Grained Surface / B) Lens Finish SPI #1	M.U.D. Unit 3/8" End Gate
15 D E F	3"x 8"x 0.125" Ford Turf -GP Ford Stretch Turf -GU Ford Naples- FY	Interior Ford Styling Master Paint / Molded-in Color Master	2	A) Lens Finish SPI #1 B) Grained Surface / B) Lens Finish SPI #1	M.U.D. Unit 3/8" End Gate
15 G H J	3"x 8"x 0.125" Ford Cordwain Ford San Remo 1-ZP Ford Prima CL	Interior Ford Styling Master Paint / Molded-in Color Master	2	A) Lens Finish SPI #1 B) Grained Surface / B) Lens Finish SPI #1	M.U.D. Unit 3/8" End Gate
16	2"x0.125" Disc	Q.C. Color Chip Sprayout Panel	4	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Pin Gate 3/8" Round Runner
17A	0.125" Spiral Flow (1/8")	Spiral Flow Studies	1	1" Increments	Center Sprue Full Round Runner M.U.D. Unit
18A B C D	Type 1 Tensile Bar 0.125" Flex Bar 5"x 0.5"x 0.125" Type "V" Tensile Bar 1/16" Impact Disc 2.5"x 0.040"	A.S.T.M. Specimens	4	A) Lens Finish SPI #1 B) Lens Finish SPI #1	M.U.D. Unit 1/4" Round Runner Tab Gates w/Shut-offs for Each Cavity
19	Impact Disc 2"	Variable Thickness 0.040" to 0.250"	1	A) Lens Finish SPI #1 B) Lens Finish SPI #1	M.U.D. Unit 1/8" Trapezoidal Runner Tab Gates
20	12"x 12" Compression Mold	Compression Molding Variable Thickness 0.040" to 0.250"	1	A) SPI #3 B) SPI #3	Cavity / Core
21	6" x 6" x 0.125" Compression Mold	Compression Molding	4	A) SPI #3 B) SPI #3	Cavity / Core

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22 ISO 527 1A	4mm Tensile Bar ISO Specimens The multipurpose test specimen has the basic shape of a tensile dog bone, 150 mm long, center section 10 mm wide 4 mm thick by 80 mm long.	ISO 3167 Multipurpose Tensile Bar Scope: ISO 3167 defines a single test specimen that can provide samples for a wide variety of testing. This is a significant difference from ASTM, where multi-cavity molds are often used to provide the variety of test samples for basic physical testing. Data: A partial list of recommended applications per ISO 3167 : DTUL - ISO 75 Flexural Test - ISO 178 Charpy Impact - ISO 179 Izod Impact - ISO 180 Tensile Test - ISO 527-2 Tensile Impact - ISO 8256	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	M.U.D. Unit 1/8" Trapezoidal Runner Tab Gates
23	American Welding Society Specimen Mold	Energy Director Butt Joint, Double Shear Joint, Mating Beam, & Reference Sample	7	SPI #1	1/8" Tab Gate
24A-1 (#10)	Type 3 Tensile Bar ISO 8256 (2mm)	Tensile Testing	1	Lens Finish	End Gated
24A-2 (#10)	Compression Button ASTM D395-03 29mm Diameter 12.5mm Thickness	Compression Testing	1	Lens Finish	Side Gated
24A-3 (#10)	5"x0.5"x0.062" (1/16") 5"x0.5"x0.031" (1/32")	U.L. Testing Thin Bars	2	Lens Finish	End Gated
24A-4 (#10)	1"x5"x0.100" (2,5mm) 1"x5"x0.118" (3.0mm)	Ultrasonic Welding Heat Stacking 3.9mm ID x 13.5mm L Boss	2	Lens Finish Criss/Cross	End Gated
25A-1 25A-2	13"x0.520" 4"x0.125"	Diameter Rod Cylinder Diameter Rod Cylinder	1	Lens Finish Lens Finish	End Gated End Gated
26A-1 26A-2	2mm L Shaped 3mm L Shaped	4"L x2"L x1"W x0.079" T 4"L x2"L x1"W x0.118" T Welding Specimen	1	Lens Finish Lens Finish	End Gated End Gated
27A 27B	12"x12"x0.125" 12"x12"x0.118"	Large Plaque Requirement Large Plaque Requirement	1 1	Smooth Finish Lens Finish Smooth Finish #3 Finish	1" Fan Gated
28	12"x12"x0.125"	Large Plaque Requirement	1	Smooth Finish S.P.I. #3	10.75" Fan/Edge Gated 1/3" Full Round Runner

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29	4"x12"x0.118"	Paint / Material Studies	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	3.5" Edge/Fan Gate 1/3" Full Round Runner
30A-8	8"x8"x0.270"	Large Plaque Requirement	1	Smooth Finish Rough Finish	6.75" Fan/Edge Gated
30A-9	8"x8"x0.500"	Large Plaque Requirement	1	Smooth Finish Rough Finish	6.75" Fan/Edge Gated
30B	3"x8"x0.110"	Paint Evaluation NO KNOCKOUT PINS, CAN'T Be Used for Engineering Materials	2	Lens Finish Matte Finish	2.75" Fan/Edge Gated Gated for Polyolefins
30C	5"x5"x0.110"	Paint Evaluation NO KNOCKOUT PINS, CAN'T Be Used for Engineering Materials	2	Lens Finish Lens Finish	4.25" Fan/Edge Gated Gated for Polyolefins
30D	4"x6"x0.080" (2mm)	Paint Evaluation NO KNOCKOUT PINS, CAN'T Be Used for Engineering Materials	2	Lens Finish Lens Finish	3" Fan/Edge Gated Gated for Polyolefins
30E	4"x6"x0.100" (2.5mm)	Paint Evaluation NO KNOCKOUT PINS, , CAN'T Be Used for Engineering Materials	2	Lens Finish Lens Finish	3" Fan/Edge Gated Gated for Polyolefins
30F	4"x6"x0.118" (3mm)	Paint Evaluation NO KNOCKOUT PINS, CAN'T Be Used for Engineering Materials	2	Lens Finish Lens Finish	3" Fan/Edge Gated Gated for Polyolefins
30G	4"x6"x0.125" (3.2mm)	Paint Evaluation NO KNOCKOUT PINS, CAN'T Be Used for Engineering Materials	2	Lens Finish Lens Finish	3" Fan/Edge Gated Gated for Polyolefins
30M	4"x6"x0.056" (1.4mm)	Paint Evaluation NO KNOCKOUT PINS, CAN'T Be Used for Engineering Materials	2	Lens Finish Lens Finish	3" Fan/Edge Gated Gated for Polyolefins
30H-2 30H-2.5 30H-3 30H-3.2	4"x6" Hyundai / Kia Grained Insert	Material / Paint Evaluation Thickness@ 2mm, 2.5mm 3mm, 3.5mm	1	Hyundai HT-74A Kia KM403 Lens Finish	3" Fan/Edge Gated
30J-2 30J-2.5 30J-3 30J-3.2	4"x6" Hyundai / Kia Grained Insert	Material / Paint Evaluation Thickness@ 2mm, 2.5mm 3mm, 3.5mm	1	Hyundai HL-225 Kia KM-138 Lens Finish	3" Fan/Edge Gated
31	4"x6"x0.108" (2.75 mm) (3.8"x5.7"x0.108")	Paint Evaluation	2	Lens Finish Lens Finish	3.25" Fan/Edge Gated
33	4"x12"x0.118"	Paint / Material Studies	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1 2 Ejector Pins	3.5" Edge/Fan Gate 1/3" Full Round Runner

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34 ISO 527 1B	4mm Tensile Bar ISO Specimens The multipurpose test specimen has the basic shape of a tensile dog bone, 162mm long, center section 10 mm wide 4 mm thick by 60 mm long.	ISO Type 1BTensile Bar 162mm x 10mm x 4mm	2	A) Lens Finish SPI #1 B) Lens Finish SPI #1	M.U.D. Unit 1/8" Trapezoidal Runner Tab Gates
35	2"x4"x0.125"	Paint Evaluation	2	A) Lens Finish SPI#1 B) Smooth Finish, 4 Ejector Pins	0.25" Edge Gate 1/3" Full Round Runner
40	60mm x 60mm x 2mm	ISO 294-4 D2 Shrinkage	2	A) Lens Finish B) Lens Finish w Length and Width Measure Marks	3.2mm Full Fan Gate
41 S26399 ASTM	2- D638 Tensile Bars 4- ASTM D790 Flex Bars-5"x0.5"x.126" 2- 4"x0.125" Diameter Impact Discs	16/18- 8 Cavity Unit Mold Material Testing / Certification ASTM Tensile ASTM Flex Modulus Multiaxial Impact Discs	8	Lens Finish Lens Finish	Tab Gates with Shut-offs for Each Cavity
42 S30099 Honda Mold	(1) ASTM D638 Type 1 Tensile Bar (1) Notched Izod Bar D256- 2.5"x0.504"x0.126" (1) Izod Bar 2.5"x0.504"x.126" (2) Flex Bars 5.04" x 0.504" x0.250" (1) 3.937"x3.15"x0.079" 2mm Plaque (1) 3.937" x 3.15" x 0.118" 3mm Plaque	16/18- 7 Cavity Unit Mold Material Certification: ASTM Tensile ASTM IZOD ASTM Notched IZOD ASTM Flex Modulus 100mm x 80mm x 2mm 100mm x 80mm x 3mm	7	A) Lens Finish SPI #1 B) Lens Finish SPI #1	Tab Gates with Shut-offs for Each Cavity
43	117mm x 82mm x 3mm (4.6" x 3.2"x 0.118")	Material Evaluation Shrink Study Shrink Measurement Mold with Markings	2	A) Lens Finish SPI #1 B) Smooth Finish 4 Shrink Identifier Scribes	1/2" End Gate S-Runner 3/8" Round Runner
44 1EXS-2	118mm x 118mm x 3.5mm (4.6"x 4.6" x 0.135")	Material Evaluation Shrink Study Shrink Measurement Mold with Markings	1	A) Lens Finish SPI #1 B) Smooth Finish 4 Shrink Identifier Scribes	118mm Full Edge Fan Gate
45	150mm x 100mm x 2mm (6" x 4" x 0.080")	ISO A-4 ISO 2577 Material Evaluation Shrink Study Shrink Measurement Mold with Markings	1	A) Lens Finish SPI #1 B) Smooth Finish 4 Shrink Identifier Scribes	100mm Full Edge Fan Gate
46 Base & Core	7.75" x 10.25" x 0.125"	Grained Inserts Large Paint / Molded in Color Masters. Front Side Smooth or High Gloss, Medium Gloss, Low Gloss Options	12	A) 3 SPI Finishes (SPI-1, SPI-3, SPI-5) High Gloss, Medium Gloss, Low Gloss A) 1 SPI (SPI-1) High Gloss	3/8 Round Runner, 6.5" Top Edge Fan Gate

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		Back Side Grained		B) Grained Mold Insert	
46-1	7.75" x 10.25" x 0.125"	Ford Styling Master Paint / Molded-in Color Master	1	Ford 3 Grain Stipple Alora Reverse Camera	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-2	7.75" x 10.25" x 0.125"	Ford U.S. OEM Interior Styling Master Paint / Molded-in Color Master	1	Ford 3 Grain Naples FY Stipple #1 Montana BG	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-3	7.75" x 10.25" x 0.125"	Ford European Styling Master Paint / Molded-in Color Master	1	Ford 4 Grain MQD 80/030 Delta S 81/060 Suede 77/057 E-Clean 85/034	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-4	7.75" x 10.25" x 0.125"	Ford Exterior Styling Master Paint / Molded-in Color Master	1	Ford 2 Grain Bumper Reverse Camera	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-5	7.75" x 10.25" x 0.125"	Ford Interior Styling Master Paint / Molded-in Color Master	1	Ford Cordwain	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-6	7.75" x 10.25" x 0.125"	Chrysler Interior Styling Master Paint / Molded-in Color Master Weld Line Behavior	1	Chrysler 507 Euro 359 Suede 493 Stipple 530 Camerloy	1) 3/8 Round Runner, 6.5" Top Edge Fan Gate 2) 3 Side Gates 8mm, 9.5mm, 11mm Ask for PIC
46-7	7.75" x 10.25" x 0.125"	Chrysler Interior Styling Master Paint / Molded-in Color Master	1	Chrysler 2 Shade / 2 Grain CPM 518 CPM 507	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-8	7.75" x 10.25" x 0.125"	Ford / GM Styling Master Paint / Molded-in Color Master	1	Tenibac Stipple #13 Similar to Ford #2FB & GM 550-2	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-9	7.75" x 10.25" x 0.125"	Mitsubishi Styling Master	1	Mitsubishi MC02	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-10	7.75" x 10.25" x 0.125"	Grained Test Plaque	1	ExxonMobil Chemical 3 Shade / 3 Grain	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-11	7.75" x 10.25" x 0.125"	Chrysler Interior Styling Master Paint / Molded-in Color Master	1	Daimler Chrysler CPM 555 Rochester 50% / 100% Depth, 2.5 Gloss	3/8 Round Runner, 6.5" Top Edge Fan Gate
46-12	7.75" x 10.25" x 0.125"	Ford / GM Styling Master Paint / Molded-in Color Master	1	GM / Ford GMCP 693 Monticello Ford Fawn 2ZK	3/8 Round Runner,

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					6.5" Top Edge Fan Gate
47-1	10" x 0.125" Disc	Chrysler Interior Styling Master Paint / Molded-in Color Master	1	Chrysler 4 Grain 1/4 5° Miller, 1/4 no texture 1/4 7° Miller, 1/4 Euro	Center Gated, 1/2" Sprue
47-2	10" x 0.125" Disc	Ford / GM Styling Master Paint / Molded-in Color Master	1	Ford / GM 2 Grain Ford SY GM 658	Center Gated, 1/2" Sprue
47-3	10" x 0.125" Disc	Rib Mold	1	24 Rib Sizes	Center Gated, 1/2" Sprue
48-1 to 10	10"x0.125" Disc Screw Boss Insert Mold	Screw Boss Testing	10	ASK FOR PIC and DIMENSIONS	Center Gated, 1/2" Sprue
49	10" Disc, Rib Mold	24 Different Ribs, 4.6" Long 0.3" – 0.5" High 0.003" – 0.15" Thick	1	ASK FOR PIC and DIMENSIONS	Center Gated, 1/2" Sprue
50	50mm L x 10mm W x 1mm	ISO 4577	4	Smooth / Smooth	Tab Gate 1/4" Trapezoidal Runner M.U.D. Unit
51	80mm L x 10mm W x 4mm	ISO 178 Flex Bar	4	Smooth / Smooth	Tab Gate 1/4" Trapezoidal Runner M.U.D. Unit
52	3.5" L x 2.5" W x 0.020"-0.100" D Step Chip	Sprayout Smooth / Textured Step Chip	4	Smooth / Textured	1.5" Top Edge Gate

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