

ADVANCED SPECIMENS

ADVANCED SPECIMENS ARE DESIGNED FOR:

- Training and qualification of level I & II personnel with regards to SNT-TC-1A, ISO 9712 & PCN
- Flaw detection, sizing, & interpretation using common weld geometries and flaw types

ADVANCED SPECIMEN DETAILS:

- Larger than our practical exam specimens
- Complete Document Package Included
- 3 Real Flaws per specimen randomly placed
- Material carbon steel (custom alloys available)
- Custom specimens available (contact us for details)

	PART NUMBER	SPECIMEN TYPE	DIMENSIONS (INCHES)
UT (DESIGNED FOR SHEAR WAVE)	UA-101	Plate w/ SV	0.25" X 12" X 12"
	UA-102	Plate w/ SV	0.375" X 12" X 12"
	UA-103	Plate w/ SV	0.5" X 12" X 12"
	UA-104	Plate w/ SV	0.625" X 12" X 12"
	UA-105	Plate w/ SV	0.75" X 12" X 12"
	UA-106	Plate w/ SV	1.0" X 12" X 12"
	UA-108	Plate w/ SV	1.5" X 12" X 18"
	UA-153	Plate w/ DV	0.5" X 12" X 12"
	UA-155	Plate w/ DV	0.75" X 12" X 12"
	UA-156	Plate w/ DV	1.0" X 12" X 16"
	UA-157	Plate w/ DV	1.25" X 12" X 17"
	UA-158	Plate w/ DV	1.5" X 12" X 18"
	UA-1511	Plate w/ DV	3" X 12" X 18"
	UA-20.753	Pipe w/ SV	0.75" SCHSTD (0.113") X 12"
	UA-20.754	Pipe w/ SV	0.75" SCHXS (0.154") X 12"
	UA-20.755	Pipe w/ SV	0.75" SCH160 (0.219") X 12"
	UA-214	Pipe w/ SV	1" SCHXS (0.179") X 12"
	UA-215	Pipe w/ SV	1" SCH160 (0.25") X 12"
	UA-216	Pipe w/ SV	1" SCHXX (0.382") X 12"
	UA-223	Pipe w/ SV	2" SCHSTD (0.154") X 12"
	UA-224	Pipe w/ SV	2" SCH80 (0.218") X 12"
	UA-226	Pipe w/ SV	2" SCHXX (0.436") X 12"
	UA-22.54	Pipe w/ SV	2.5" SCH80 (0.276") X 12"
	UA-22.56	Pipe w/ SV	2.5" SCHXX (0.552") X 12"
	UA-233	Pipe w/ SV	3" SCH40 (0.216") X 12"
	UA-234	Pipe w/ SV	3" SCH80 (0.3") X 12"
	UA-235	Pipe w/ SV	3" SCH160 (0.438") X 12"
	UA-236	Pipe w/ SV	3" SCHXX (0.6") X 12"
UA-246	Pipe w/ SV	4" SCH80 (0.337") X 12"	
UA-248	Pipe w/ SV	4" SCH160 (0.513") X 12"	
UA-249	Pipe w/ SV	4" SCHXX (0.674") X 12"	
UA-263	Pipe w/ SV	6" SCH40 (0.28") X 12"	
UA-264	Pipe w/ SV	6" SCHXS (0.432") X 12"	
UA-265	Pipe w/ SV	6" SCH120 (0.562") X 12"	
UA-267	Pipe w/ SV	6" SCH160 (0.719") X 12"	
UA-268	Pipe w/ SV	6" SCHXXH (0.864") X 12"	
UA-285	Pipe w/ SV	8" SCH40 (0.322") X 12"	
UA-287	Pipe w/ SV	8" SCH80 (0.5") X 12"	

PART NUMBER	SPECIMEN TYPE	DIMENSIONS (INCHES)
UA-288	Pipe w/ SV	8" SCH100 (0.594") X 12"
UA-2810	Pipe w/ SV	8" SCH140 (0.812") X 12"
UA-2812	Pipe w/ SV	8" SCHSTD (0.906") X 12"
UA-2815	Pipe w/ SV	8" w/ 1.5" wall X 12"
UA-2127	Pipe w/ SV	12" SCHXS (0.5") X 12"
UA-21211	Pipe w/ SV	12" SCH120 (1.0") X 12"
UA-2143	Pipe w/ SV	14" SCH20 (0.312") X 12"
UA-2145	Pipe w/ SV	14" SCH40 (0.438") X 12"
UA-2148	Pipe w/ SV	14" SCH80 (0.75") X 12"
UA-21411	Pipe w/ SV	14" SCH140 (1.25") X 18"
UA-21611	Pipe w/ SV	16" SCH160 (1.594") X 20"
UA-303	Tee w/ SV	0.5" X 8" X 8" X 12"
UA-305	Tee w/ SV	0.75" X 8" X 8" X 12"
UA-306	Tee w/ SV	1.0" X 8" X 8" X 12"
UA-356	Tee w/ DV	1.0" X 8" X 8" X 12"
UA-357	Tee w/ DV	1.25" X 9" X 9" X 12"
UA-358	Tee w/ DV	1.5" X 10" X 10" X 12"
UA 407	Y-Joint (45°)	1.25" X 9" X 9" X 12"
UA-51010-6	Node & Carrier (Flat)	10" SCH120 (0.844") X 10" & 1.0" X 20" X 20"
UA-687-6	Y-Node (45°) & Carrier (Flat)	8" SCH80 (0.5") X 10" & 1.0" X 20" X 20"
UA-746-3	Nozzle & Carrier (Flat)	4" SCHXS (0.377") X 6" & 0.5" X 12" X 12"
UA-748-3	Nozzle & Carrier (Flat)	4" SCH160 (0.531") X 6" & 0.5" X 12" X 12"
UA-787-6	Nozzle & Carrier (Flat)	8" SCH80 (0.5") X 10" & 1.0" X 20" X 20"
UA-787-20C	Nozzle & Carrier (20" OD X 90° Segment)	8" SCH80 (0.5") X 10" & 20" OD X 0.375" wall X 16" X 90°
UA-7127-3	Nozzle & Carrier (Flat)	12" SCHXS (0.5") X 10" & 0.5" X 24" x 24"
UA-7129-3	Nozzle & Carrier (Flat)	12" SCH80 (0.688") X 10" & 0.5" X 24" x 24"

RT	RA-102	Plate w/SV	0.375" x 12" x 12"
	RA-103	Plate w/SV	0.5" x 12" x 12"
	RA-105	Plate w/SV	0.75" x 12" x 12"
	RA-106	Plate w/SV	1.0" x 12" x 16"
	RA-154	Plate w/DV	0.625" x 12" x 12"
	RA-155	Plate w/DV	0.725" x 12" x 12"
	RA-156	Plate w/DV	1.0" x 12" x 16"
	RA-157	Plate w/DV	1.25" x 12" x 17"
	RA-223	Pipe w/SV	2" SCH40 (0.154") X 12"
	RA-224	Pipe w/SV	2" SCH80 (0.218") X 12"
	RA-225	Pipe w/SV	2" SCH160 (0.344") X 12"
	RA-226	Pipe w/SV	2" SCHXX X (0.436) 12"
	RA-242	Pipe w/SV	4" SCH10 (0.12") X 12"



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RT	RA-243	Pipe w/SV	4" SCH40 (0.237") X 12"
	RA-246	Pipe w/SV	4" SCH80 (0.337") X 12"
	RA-248	Pipe w/SV	4" SCH160 (0.531") X 12"
	RA-266	Pipe w/SV	6" SCH120 (0.562") X 12"
	RA-282	Pipe w/SV	8" SCH10 (0.148") X 12"
	RA-285	Pipe w/SV	8" SCH40 (0.322") X 12"
	RA-288	Pipe w/SV	8" SCH100 (0.594") X 12"
	RA-2810	Pipe w/SV	8" SCH140 (0.812") X 12"
	RA-2126	Pipe w/SV	12" SCH40 (0.406") X 12"
	RA-2127	Pipe w/SV	12" SCHXS (0.5") X 12"
	RA-2129	Pipe w/SV	12" SCH80 (0.688") X 12"

ET	ET-101A	Plate (No Weld w/ 4 Flaws)	0.25" x 4" x 12"
	ET-101B	Plate w/ SV	0.25" x 4" x 12"
	ET-101C	Plate w/ SV (4 Flaws)	0.25" x 4" x 12"
	ET-101D	Plate w/ SV (4 EDM Elliptical Notches)	0.25" x 4" x 12"

MT/PT & VT	PA-102		Plate w/SV (Stainless Steel)	0.375" x 12" x 12"
	MA-102	VA-102	Plate w/SV	0.375" x 12" x 12"
	MA-223		Pipe w/SV	2" SCH40 (0.154") x 12"
	MA-224	VA-224	Pipe w/SV	2" SCH80 (0.218") x 12"
	MA-234		Pipe w/SV	3" SCH80 (0.3") x 12"
	MA-242	VA-242	Pipe w/SV	4" SCH10 (0.120") x 12"
	MA-246	VA-246	Pipe w/SV	4" SCH80 (0.337") x 12"
	MA-265	VA-265	Pipe w/S-V	6" SCH80 (0.432) x 12"
	MA-282	VA-282	Pipe w/SV	8" SCH10 (0.148") x 12"
	MA-285	VA-285	Pipe w/SV	8" SCH40 (0.322") x 12"
	MA-2126	VA-2126	Pipe w/S-V	12" SCH40 (0.406") x 12"
	MA-2127	VA-2127	Pipe w/SV	12" SCHXS (0.5") x 12"
	MA-302	VA-302	Tee w/SV	0.375" x 6" x 6" x 12"
	MA-303	VA-303	Tee w/ SV	0.5" x 6" x 6" x 12"
	MA-402	VA-402	Y-JOINT (45°)	0.375" x 6" x 6" x 12"
	MA-5106-3	VA-5106-3	NODE & CARRIER (Flat)	10 SCH40 (0.365") x 10 & 0.5" x 16" x 16"
	MA-5107-3	VA-5107-3	NODE & CARRIER (Flat)	10 SCH60 (0.5") x 10 & 0.5" x 16" x 16"
	MA-686-3	VA-686-3	Y-NODE (45) & CARRIER (Flat)	8" SCH60 (0.4") x 10" & 0.5" x 16" x 16"
	MA-786-3	VA-786-3	NOZZLE & CARRIER (Flat)	8" SCH60 (0.4") x 10" 0.5" x 16" x 16"
	MA-787-7	VA-786-7	NOZZLE & CARRIER (Flat)	8" SCH60 (0.4") x 10" & 1" x 16" x 16"

All pipe sizes and plate thicknesses are available.



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