

Fastener Flushness: 1-Click Report Card



WHAT IS IT?

fastCHECK[®] is a revolutionary system that delivers accurate 3D measurement and instant analysis of fastener flushness. 'Go/No-Go' results are projected directly on to the measurement surface in real-time, so that the technician can instantly see and act on the outcome. The annotated results images are stored within the fastCHECK[®] system.

With just 1-click a detailed report is generated. This report can be transferred to the customers' network, using a variety of interfaces, including Wi-Fi and USB.

WHAT DOES IT DO?

The detailed 1-click report contains all information needed to seamlessly integrate into the customers' workflow, including

- Critical measures of fasteners, including depth, protrusion, angular deviation, dishing and damage in the vicinity of the head
- Color-coded results images with numerical annotation
- Analysis for input into Statistical Process Control (SPC)
- Detailed measurement log (time stamp, operator ID, part ID, etc.)

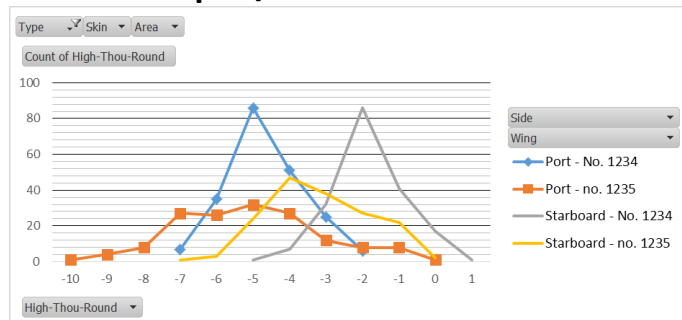


1-Click Report Card

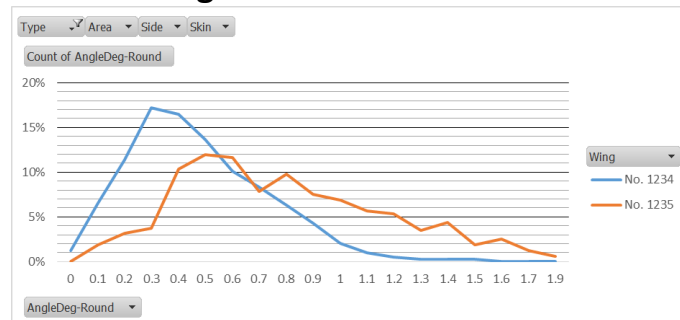
Measurement Report

Part Number	A12345678	Operator	John Doe
Part Name	Wing	Date	08/03/2015
Measurement system	FC103	Time	10:30:00 am

Fastener Depth / Protrusion



Fastener Angle



Result Details

Time_Stamp	No.	ID	Type	Mid [mm]	High [mm]	Low [mm]	Angle_deg	dishing [m]	snapDamag	DirectionA
"20150113T062204"	1	"5/16inch"	Hi-Lok	-0.185	-0.159	-0.211	0.226	-0.007	-0.024	-139.39
"20150113T062204"	2	"1/4inch"	Hi-Lok	-0.103	-0.099	-0.106	0.039	-0.002	-0.016	113.44
"20150113T062204"	3	"5/16inch"	Hi-Lok	-0.092	-0.077	-0.108	0.139	0.006	-0.019	-64.16
"20150113T062204"	4	"5/16inch"	Hi-Lok	-0.042	-0.007	-0.077	0.317	0.011	-0.019	11.95
"20150113T062204"	5	"3/8inch"	Hi-Lok	0.178	0.196	0.160	0.123	0.023	-0.020	82.25
"20150113T062204"	6	"5/16inch"	Hi-Lok	-0.194	-0.175	-0.212	0.159	0.002	-0.045	-22.59
"20150113T062204"	7	"1/4inch"	Hi-Lok	-0.099	-0.093	-0.106	0.074	-0.032	-0.097	-97.56
"20150113T062204"	8	"1/4inch"	Hi-Lok	0.012	0.023	0.001	0.123	0.023	-0.026	-165.80
"20150113T062204"	9	"5/16inch"	Hi-Lok	-0.025	-0.007	-0.043	0.159	0.000	-0.036	-130.70
"20150113T062204"	10	"5/16inch"	Hi-Lok	-0.045	-0.032	-0.058	0.116	0.007	-0.094	162.51
"20150113T062204"	11	"5/16inch"	Hi-Lok	0.037	0.063	0.011	0.234	0.022	-0.029	-102.37
"20150113T062204"	13	"1/4inch"	Hi-Lok	-0.045	-0.024	-0.065	0.234	0.010	-0.046	-16.93
"20150113T062204"	14	"5/16inch"	Hi-Lok	-0.015	0.018	-0.049	0.299	0.012	-0.024	44.00
"20150113T062204"	15	"3/8inch"	Hi-Lok	-0.049	-0.022	-0.075	0.195	0.029	-0.098	113.50
"20150113T062204"	16	"5/16inch"	Hi-Lok	-0.005	0.015	-0.026	0.182	0.010	-0.021	42.46
"20150113T062204"	17	"5/16inch"	Hi-Lok	0.058	0.071	0.044	0.125	0.014	-0.035	95.10
"20150113T065346"	1	"7/32inch"	Hi-Lok	-0.094	-0.076	-0.112	0.221	-0.002	-0.013	-49.31
"20150113T065346"	2	"1/4inch"	Hi-Lok	-0.109	-0.099	-0.119	0.104	-0.004	-0.020	170.85
"20150113T065346"	3	"1/4inch"	Hi-Lok	-0.096	-0.088	-0.104	0.081	-0.006	-0.047	87.81
"20150113T065346"	4	"5/16inch"	Hi-Lok	-0.043	-0.027	-0.058	0.140	0.009	-0.030	-119.66
"20150113T065346"	5	"5/16inch"	Hi-Lok	-0.081	-0.066	-0.096	0.123	-0.017	-0.073	105.53
"20150113T065346"	6	"7/32inch"	Hi-Lok	-0.091	-0.077	-0.104	0.159	-0.015	-0.045	120.87
"20150113T065346"	7	"1/4inch"	Hi-Lok	-0.084	-0.073	-0.095	0.114	-0.002	-0.038	42.69
"20150113T065346"	8	"7/32inch"	Hi-Lok	-0.106	-0.093	-0.119	0.158	-0.006	-0.018	-109.18

Summary of Result

An optical assessment has been conducted on the area identified.

Part Name: *Wing*. Part Number: *A12345678*.

Detailed measurement analysis conducted using a fastCHECK® system.

TELL ME MORE!

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Technical Data are subject to change without notice