



# PXFEL2\_2

## Disassembly inspection results

(For the incoming inspection results before disassembly,  
see presentation at Module Meeting on 26/09/2012)



HELMHOLTZ  
| ASSOCIATION

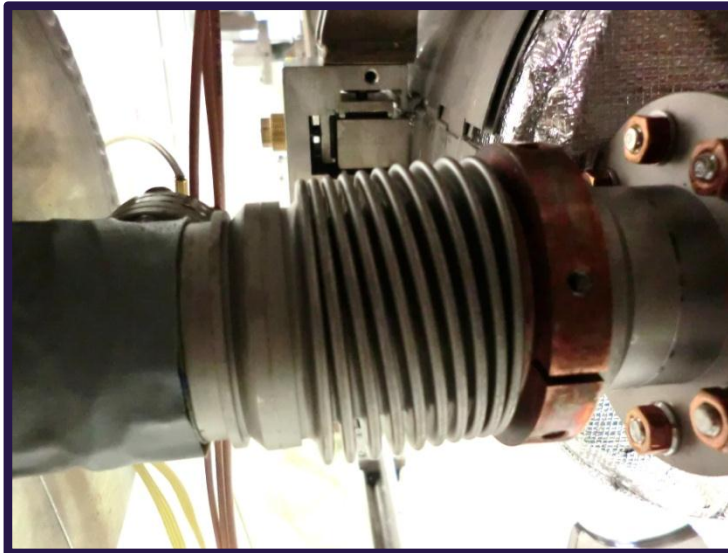
## Rotation of the couplers

Coupler position PXFEL 2\_2:  
couplers are rotated up to 0.44 degrees



The screws for the assembly of the temporary  
coupler support cannot be assembled

	Grad
Cav. 1 / AC128	0,39
Cav.2 / Ac 115	0,44
Cav 3 / Z139	0,25
Cav 4 / Ac 150	0,13
Cav 5/ Z 162	0,15
Cav 6 / Ac147	1,53
Cav 7 / Ac 149	0,19
CAv8 / Z141	0,11



# XM-2 cavities' roll angle on roll out area

05/31/2013 survey

<b>cavity string</b>	<b>mm/m roll</b>	<b>roll angle (grad)</b>
cav1	3,60	0,23
cav2	2,84	0,18
cav3	1,28	0,08
cav4	0,40	0,03
cav5	-0,97	-0,06
cav6	-0,21	-0,01
cav7	-0,40	-0,03
cav8	0,28	0,02
QMP	-0,15	-0,01

06/06/2013 survey V supports removed

<b>cavity string</b>	<b>mm/m roll face A</b>	<b>mm/m roll face B</b>	<b>roll angle (grad)</b>
cav1	1,41	1,39	0,09
cav2	1,96	2,00	0,13
cav3	0,88	1,08	0,06
cav4	0,55	0,61	0,04
cav5	-0,81	-0,73	-0,05
cav6	-0,06	-0,01	0,00
cav7	-0,60	-0,58	-0,04
cav8	0,08	0,04	0,00
QMP	-0,62	-0,62	-0,04