MITSUI CHEMICALS GROUP

### DIMA PRINT PARAMETER MATRIX

PICTURE	MATERIAL	INDICATION	ORIENTATION	REINFORCE MENT	Z- COMPENSA TION	Z LIFT HEIGHT	REMARKS
	dima Print Stone beige	Model / Die-Model	0°	horseshoe model: yes	no	3 mm	<ul> <li>Just fill the resin tank to the 500ml line</li> </ul>
×111	dima Print Stone beige	Die-Model	0°	no	no	3 mm	<ul> <li>Just fill the resin tank to the 500ml line</li> </ul>
35-40°	dima Print Splint clear	Splints	35°-40°	one reinforcement bar recommended	0.4 mm	7 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Fill the resin tank to the 250ml line</li> <li>Postcure with supports</li> </ul>
	dima Print Cast ruby	<ul> <li>Partial Frameworks</li> <li>Bridges up to 5 units</li> <li>Crowns</li> <li>Copings</li> <li>Inlays</li> <li>Onlays</li> <li>Veneers</li> </ul>	0-10°	optional for frameworks	no	5 mm	<ul> <li>Using "no support areas" could be necessar depending on geometry of framework</li> <li>Postcure with supports</li> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>
0°	dima Print Denture Base Try-in	Try-Ins	0°	no	no	5 mm	<ul> <li>Postcure without supports</li> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>

PICTURE	MATERIAL	INDICATION	ORIENTATION	REINFORCE MENT	Z- COMPENSA TION	Z LIFT HEIGHT	REMARKS
80-90°	dima Print Denture Base	Denture Base	80°-90°	no	0.5-0.6 mm	7 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Variable values in Z- Compensation can influence the part height</li> <li>Use "no support areas" option on fitting areas</li> <li>Postcure without support</li> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>
0-10°	dima Print Denture Teeth	Denture Teeth	0°-10°	no	0.05 mm	5 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Occlusal side pointing to build platform</li> <li>Resin level in resin tank &gt; 250 ml recommended</li> <li>Postcure with supports</li> </ul>
0-20°	dima Print <u>Guide</u> & Tray	Surgical Guides	0°-20°	optional	0,2 mm	7 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Use" no support areas" for sleeve area to avoid support in sleeve area (see picture)</li> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>



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	PICTURE	MATERIAL	INDICATION	ORIENTATION	REINFORCE MENT	Z- COMPENSA TION	Z LIFT HEIGHT	REMARKS
	0-85°	dima Print Guide & <u>Tray</u>	Impression Trays	0°-85°	optional	0,2 mm	7 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>
	90°)	dima Print Denture Base 2	Dentures	90°	no	0,4 mm	6 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Fill the resin tank to 250- 300ml</li> <li>Refill before every Print Job and preferably print full build platforms</li> <li>Manually remove all supports from relevant fitting areas</li> </ul>
2		dima Print Stone beige Smart	Model	0°	optional	no	3 mm	<ul> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>
		dima Print Gingiva Mask	Implant- and Locator models	0°	no	no	0 mm	<ul> <li>Use cutter knife from the tool kit when removing parts from the build platform. Make sure to hold the cutter knife in a very small angle to the build platform surface.</li> <li>No supports</li> </ul>



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	PICTURE	MATERIAL	INDICATION	ORIENTATION	REINFORCE MENT	Z- COMPENSA TION	Z LIFT HEIGHT	REMARKS
<u>k</u>	0-10°	dima Print C&B temp	Temporary crowns and bridges	0°-10°	no	0.05 mm	5 mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Occlusal side pointing to build platform</li> <li>Resin level in resin tank</li> <li>&gt; 250ml recommended</li> <li>Postcure with supports</li> </ul>
	Service Constant	dima Print Stone teal	Model	0° or 90°	no	0,1 mm	5mm	<ul> <li>Use Z-Compensation before auto supporting</li> <li>Caution: Make sure to fill in at least 500ml into the resin tank</li> </ul>
	0-5°	dima Print Denture Teeth 2	Temporary dental restorations	Occlusal: 0°-5° Cavities: 0°-10°	no	no	5 mm	<ul> <li>Resin tank Filling: (Re-)Fill the resin tank to 300ml</li> <li>Post-curing: on support structure</li> <li>Manually remove supports from relevant fitting or esthetic areas without damaging the integrity of solid support structure</li> </ul>



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PICTURE	MATERIAL	INDICATION	ORIENTATION	REINFORCE Ment	Z- COMPENSA TION	Z LIFT HEIGHT	REMARKS
	dima Print Denture Teeth 2	Denture teeth	Occlusal: 0-5° Cavities: 0-10°	no	no	5 mm	<ul> <li>Resin tank Filling: (Re-)Fill the resin tank to 300ml</li> <li>Post-curing: on support structure</li> <li>Manually remove supports from relevant fitting or esthetic areas without damaging the integrity of solid support structure</li> </ul>

