Material Forming and Control Engineering

2018

		√		
		√		
			√	√	
		√			
			√		√
	√	√			
	√		√		
	√				
				√	
				√	√
		√		√	
					√

(1)	1-1		0.2
			0.2
			0.2
			0.2
		C	0.2
	1-2		0.2
			0.2
			0.2
			0.2
			0.2
	1-3		0.3
			0.3
			0.2
			0.2
	1-4		0.3
			0.3
			0.2
		CAE	0.2
2	2-1		0.3
			0.3
			0.2
			0.2
	2-2		0.3
			0.3
			0.2
			0.2
	2-3		0.3
			0.3
			0.2
			0.2
	2-4		0.3
			0.3
		CAE	0.2
			0.2

		C	0.3
	3-1	CAD	0.3
(3) /			0.2
			0.2
			0.4
	3-2		0.2
			0.2
			0.2
			0.3
	3-3		0.3
			0.2
			0.2
	3-4		

(5)	5-1		0.4
			0.3
			0.3
	5-2		0.4
		CAD	0.2
		CAE	0.2
			0.2
	5-3		0.4
			0.3
			0.3
(6)	6-1		0.3
			0.3
			0.2
			0.2
	6-2		0.3
			0.3
			0.2
			0.2
(7)	7-1		0.4
			0.3
			0.3
	7-2		0.4
			0.3
			0.3
(8)	8-1		0.4
			0.3
			0.3
	8-2		0.4
			0.3
			0.3

	8-3		0.4
			0.3
			0.3
(9)	9-1		0.4
			0.3
			0.3
	9-2		0.4
			0.3
			0.3
(10)	10-1		0.3
			0.3
			0.2
			0.2
	10-2	I II	0.4
			0.2
			0.2
			0.2
(11)	11-1		0.4
			0.3
			0.3
	11-2		0.4
			0.3
			0.3
(12)	12-1		0.4
			0.3
			0.3
	12-2	I II	0.4
		CAD	0.3
			0.3

	(1)				(2)				(3) /				(4)				(5)			(6)		(7)		(8)			(9)		(10)		(11)		(12)	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	1	2	1	2	1	2	3	1	2	1	2	1	2	1	2
												H								H					H									
																								H										
																								H							H			
																						H		H										
																				H		H											H	
																														H				H
	H				H																													
	H					H																												
															H												H		H					
	H								H																									L
																				H					H								H	
																					H					H							M	
	H					H																												
					H																										H			
	H																H																	
		M										H										H												
		H			H								H																					
							H						H																					
		H															H																	
		H			H																													
		H											H																					
									H					H						H														

	(1)				(2)				(3) /				(4)				(5)			(6)		(7)		(8)			(9)		(10)		(11)		(12)	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	1	2	1	2	1	2	3	1	2	1	2	1	2	1	2
		H				H																												
									H						H																			
							H			H				H																				
			H				H								H																			
								H										H																
			H			H																												
			H					H						H																				
			H											H			H																	
									H									H																H
				H						H						H																		
				H						H						H																		
				H			H							H																				
				H				H										H																
												H									H										H			
																		H															H	
							M														H		H			H								
																					M				H									H
																					H		H			H								
																			H				H											
							M												H								H		H					
										H																	H		H			M		
											H																	H		H		H		
											H																	H		H		H		
											H																	H	H					
								H			H					H			H									M		H		H		M