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MTM-Standard Data Basic Data

Time Units

TMU	seconds	minutes	hours
1	0.036	0.0006	0.00001
27.8	1		
1 666.7		1	
100 000			1

Use of these table values without thorough training in MTM-1 and MTM-SD BD will lead to erroneous results.

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Motion length in cm	0 up to <3	≥3 up to ≤9	>9 up to ≤22	>22 up to ≤37	>37 up to ≤52	>52 up to ≤67	>67 up to ≤82
Distance class (DC)	02	05	15	30	45	60	75

Get									
DC	contact	easy	average		difficult		handful		
	AKE AKZ	ALE ALZ	1 hand AME	2 hands AMZ	1 hand ASE	2 hands ASZ	stacked AHG	jumbled AHV	
	02	2	6	8	11	13	27	16	33
05	4	8	10	13	17	31	18	35	
15	9	13	14	18	21	35	23	40	
30	13	17	18	22	25	39	27	44	
45	17	21	23	26	29	44	31	48	
60	21	25	27	30	33	48	35	53	
75	26	30	31	35	38	52	40	57	

Place							
DC	other hand	approximate		loose		close	
	PAE	1 hand	2 hands	1 point	2 points	1 point	2 points
		PUE	PUZ	PLE	PLZ	PEE	PEZ
02	4	2		8	13	18	34
05	7	5		11	16	21	38
15	11	9		16	21	26	43
30	15	13		21	26	31	48
45	19	17		26	31	36	53
60	22	20		31	36	41	58
75	26	24		36	42	47	63

Note: weight, class of fit, symmetry conditions, difficulty of handling and eye travel to be analyzed in addition

General Data		Code	TMU
Weight allowance – per 1 kg/daN		GGZ	1
Regrasp – dwell – transfer grasp		GNV	6
Apply pressure	light	GKK	11
	heavy	GKG	16
Disengage	close fit	GTE	8
	tight fit	GTF	23
Turn	small angle ≤90°	GDK	4
	large angle >90°	GDG	7
	per cycle	GDT	16
Crank	start and stop	GRS	5
	per revolution	GRU	14
Eye functions	eye travel per 10 cm	GBV	4
	eye focus	GBP	7

Body Motions		Code	TMU
Foot displacement		KFV	9
Body displacement	Step, Side Step, Turn Body	KVS	17
	Bend, Stoop, Kneel and Arise	KVB	61
Sit and stand	normal seat	KSN	108
	sit-stand work station	KSS	246

Read		Code	TMU
Per word in context		LWS	5
Up to 3 figures, characters, letters; single word		LZB	7

Writing		Code	TMU
Small letter	in handwriting	SKH	15
	in block letters	SKD	20
Capital letter, in handwriting or in block letters		SGB	25
Character, figure, punctuation		SZZ	20