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<table><tr><td colspan="2">STANDARD TOLERANCE GRADES</td></tr><tr><td colspan="2">(ISO 286-1:1988)</td></tr><tr><td>DIMENSION RANGE</td><td>IT 13</td></tr><tr><td>0-3</td><td>±0.07</td></tr><tr><td>3-6</td><td>±0.09</td></tr><tr><td>6-10</td><td>±0.11</td></tr><tr><td>10-18</td><td>±0.14</td></tr><tr><td>18-30</td><td>±0.17</td></tr><tr><td>30-50</td><td>±0.20</td></tr><tr><td>50-80</td><td>±0.23</td></tr><tr><td>80-120</td><td>±0.27</td></tr><tr><td>120-180</td><td>±0.32</td></tr><tr><td>180-250</td><td>±0.36</td></tr><tr><td>250-315</td><td>±0.41</td></tr><tr><td>315-400</td><td>±0.45</td></tr><tr><td>400-500</td><td>±0.49</td></tr><tr><td>500-630</td><td>±0.55</td></tr><tr><td>630-800</td><td>±0.63</td></tr><tr><td>800-1000</td><td>±0.70</td></tr></table> Technical drawing of an exhaust tube muffler. The side view shows a tapered cylindrical part with a top flange. Dimensions include: overall length 22.75 ± 0.50 (M 3), flange thickness 5.00 ± 0.50 (2), flange outer diameter M 3, bottom radius R 30.00 ± 0.50 (4 M), flange inner hole diameter (2.81) (5), top flange outer diameter Ø 12.00 (6), and bottom hole diameter Ø 9.00 (7 M). The end view shows concentric circles with diameters Ø 12.00 and Ø 9.00.						STANDARD TOLERANCE GRADES		(ISO 286-1:1988)		DIMENSION RANGE	IT 13	0-3	±0.07	3-6	±0.09	6-10	±0.11	10-18	±0.14	18-30	±0.17	30-50	±0.20	50-80	±0.23	80-120	±0.27	120-180	±0.32	180-250	±0.36	250-315	±0.41	315-400	±0.45	400-500	±0.49	500-630	±0.55	630-800	±0.63	800-1000	±0.70	REV	CHANGE DESCRIPTION			ZONE	EC #		DATE		APV BY	
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1	638172020	1	EXHAUST TUBE, MUFFLER		SL00007240		
ITEM	CN ORA PN	QTY	PART NAME		PLM ID		REMARK

 Techtronic Industries Co. Ltd. CONFIDENTIAL THIS DRAWING IN DESIGN AND DETAIL IS THE PROPERTY OF TECHTRONIC INDUSTRIES COMPANY LIMITED. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	DIMENSION&TOLERANCE PER ASME Y14.5 - 2009	UNSPECIFIED DIMENSIONS REFERENCE CAD MODEL	CN ORA P/N: 638172020		METRIC UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		3RD ANGLE PROJECTION 				
	PART&PROCESS MUST COMPLY WITH THE COMPANY REQUIREMENTS OF HAZARDOUS SUBSTANCE FREE		SC SAP P/N:		PART NAME: EXHAUST TUBE, MUFFLER EXHAUST TUBE						
	WEIGHT:		DWN BY: LAE 10/08/15								
	COLOR:		APV BY:		CAD TOOL: NX			SCALE: 4 : 1	SHEET: 1 OF 1	SIZE: A2	PLM ID: SL00007240

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