



**Metaltec  
Steel  
Abrasive Co.**  
Premium BAINITE  
Steel Shot

# SPECIFICATION SHEET MTX-M

CHEMISTRY	Carbon: 0.10 to 0.15% Silicon: 0.10 to 0.25% Manganese: 1.20 to 1.50% Aluminum: 0.05 to 0.15% Phosphorus: 0.035% max. Sulfur: 0.035% max.	SAE J2175																		
SCREENING	<table border="1"> <thead> <tr> <th>Sieve</th> <th>Opening</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>0.0937</td> <td>A/P</td> </tr> <tr> <td>10</td> <td>0.0787</td> <td></td> </tr> <tr> <td>12</td> <td>0.0661</td> <td></td> </tr> <tr> <td>14</td> <td>0.0555</td> <td>86% min.</td> </tr> <tr> <td>16</td> <td>0.0469</td> <td>97% min.</td> </tr> </tbody> </table>	Sieve	Opening	Specification	8	0.0937	A/P	10	0.0787		12	0.0661		14	0.0555	86% min.	16	0.0469	97% min.	METALTEC
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HARDNESS	40 - 50 Rc, typical 44.5%	SAE J2175																		
% ROUNDS	> 65% non-spherical (length > 2 x width), typical 35%	METALTEC																		
% VOIDS AND HOLLOWES	< 10% voids and hollows, typical < 2%	SAE J2175																		
NON-MAGNETIC MATERIAL	< 1% non-magnetic material, typical <0.5%	SAE J2175																		
DENSITY	> 7 g/cc (wet method)	SAE J2175																		
DURABILITY	> 2800 passes (Ervin Test), typical 3000	METALTEC																		
PACKAGING	50 lb. bags, 2000 lb. drums, 2000 - 4000 lb. hoppers, bulk dump truck, other custom packaging available upon request.																			

*All abrasives supplied by Metaltec Steel Abrasive are proudly produced, processed and packaged by the teams at Metaltec's Canton, Michigan plant. Quality system registered to ISO 9001:2000 standard.*

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