

## Technical Data Sheet Steel Shots

short name:	<b>S xxx HC</b>	
description:	<b>high carbon steel</b>	
Country of origin:	<b>Ukraine</b>	
standard:	<b>DIN EN ISO 11124-3:1997</b>	
form:	<b>spherically (shot)</b>	
hardness:	<b>40 HRC - 51 HRC</b>	
density:	<b>min. 7,2 kg/dm<sup>3</sup></b>	
packed weight:	<b>4,3 - 4,5 kg/dm<sup>3</sup></b>	
microstructure:	<b>martensite and bainite, fine and homogeneous</b>	
grit sizes SAE J444:	<b>S 70</b>	<b>0,12 - 0,36 mm</b>
	<b>S 110</b>	<b>0,18 - 0,50 mm</b>
	<b>S 170</b>	<b>0,36 - 0,71 mm</b>
	<b>S 230</b>	<b>0,50 - 0,85 mm</b>
	<b>S 280</b>	<b>0,60 - 1,00 mm</b>
	<b>S 330</b>	<b>0,71 - 1,18 mm</b>
	<b>S 390</b>	<b>0,85 - 1,40 mm</b>
	<b>S 460</b>	<b>1,00 - 1,70 mm</b>
	<b>S 550</b>	<b>1,18 - 1,70 mm</b>
	<b>S 660</b>	<b>1,40 - 2,00 mm</b>
	<b>S 780</b>	<b>1,70 - 2,36 mm</b>
	<b>S 930</b>	<b>2,00 - 2,80 mm</b>
chemical analysis:	<b>FE:</b>	<b>min 95%</b>
	<b>C:</b>	<b>0.8 – 1.2%</b>
	<b>Mn:</b>	<b>0.6 - 1.2%</b>
	<b>Si:</b>	<b>0.5 – 1.0%</b>
	<b>P:</b>	<b>max 0,05%</b>
	<b>S:</b>	<b>max 0,05%</b>
packing:	<b>paper bags á 25 kg, tolerance +/- 1 %</b> <b>1.000 kg on wooden palette; plastic film</b>	