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Czech Republic

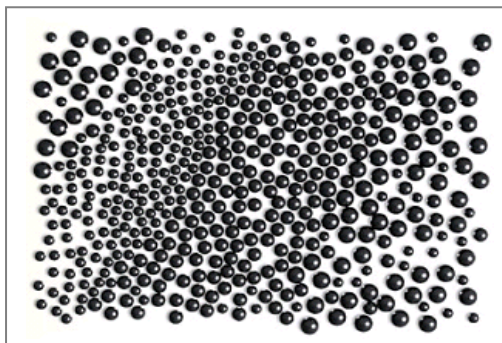
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IČO: 48398233 VAT: CZ48398233



Round Steel Shots

Steel shot is a spherical product of hypereutectoid steel in the fully heat-treated condition. It has uniform structure of finely tempered martensite which provides optimal resilience and resistance to fatigue. It is the optimal abrasive for the majority of wheel blast applications. Its durability and resistance to impact fatigue gives maximum cleaning efficiency at the most economical cost.

Technical characteristics:

Chemical composition:

C ≥ 0,85%

P ≤ 0,05%

S ≤ 0,05%

Hardness:

450 – 535 HV (46 - 51 HRC)

tolerance +/- 60HV (+/- 2 HRC)

Sieve size (mm)	Sieve number	WS780 23 (%)	WS660 21 (%)	WS550 18 (%)	WS460 15 (%)	WS390 13 (%)	WS330 11 (%)	WS280 9 (%)	WS230 7 (%)	WS170 6 (%)	WS110 4 (%)	WS70 3 (%)
2,80	7	x	x									
2,36	8		max 20	x								
2,00	10	min 90		max 30	x							
1,70	12	min 97	min 97		max 30	x						
1,40	14			min 90		max 20	x					
1,18	16			min 97	min 90		max 10	x				
1,00	18				min 97	min 85		max 30	X			
0,85	20					min 97	min 85		max 30	x		
0,71	25						min 97	min 90		max 30	x	
0,60	30							min 97	min 90		max 20	
0,50	35								min 97	min 90		x
0,42	40									min 97		max 5
0,35	45											
0,30	50										min 90	
0,18	80										min 97	min 90
0,12	120											min 97

Table legend: Sorting according to SAE J827. Values in table represent cumulus part of material restraint above checking screen representation in percentage.

X - all pass Screen size - rated size of checking screen in mm.

Packing: In 25kg bags on pallets or 1mt big bags.

Warehousing and storage life: Steel shots must be stored in a covered and dry warehouse. Storage life of steel shots is at least 1 year from the date of production, provided that they are stored in a dry place.

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Steel Grits - GH, GL, GP

G - A cast steel angular grit produced by crushing specially heat treated oversize shot pellets. It is utilized for blast cleaning or surface preparation.

Technical characteristics:

Chemical composition:

C ≥ 0,85%

P ≤ 0,05%

S ≤ 0,05%

Hardness:

GH (GA): ≥790 HV (≥64 HRC)

GL (GB): 570 – 650 HV (53-57 HRC)

GP (GC): 480 – 550 HV (48-52 HRC)

tolerance +/- 60HV (+/- 2 HRC)

Sieve size (mm)	Sieve number	WG 12 (%)	WG 14 (%)	WG 16 (%)	WG 18 (%)	WG 25 (%)	WG 40 (%)	WG 50 (%)	WG 80 (%)	WG 120 (%)
2,80	7	x								
2,36	8	max 20	x							
2,00	10		max 10	x						
1,70	12	min 85		max 10	x					
1,40	14	min 97	min 80		max 30	x				
1,18	16		min 90	min 80		max 40	x			
1,00	18			min 90	min 85		max 20			
0,85	20				min 97			X		
0,71	25					min 85		max 10		
0,60	30					min 97	min 85			
0,50	35						min 97		x	
0,42	40								max 20	
0,35	45							min 80		x
0,30	50							min 90		max 10
0,18	80								min 75	
0,12	120								min 90	min 75
0,07	200									min 90

Table legend: Sorting according to SAE J1923. Values in table represent cumulus part of material restraint above checking screen representation in percentage.

X - all pass Screen size - rated size of checking screen in mm.

Packing: In 25kg bags on pallets or 1mt big bags.

Warehousing and storage life: Steel grits must be stored in a covered and dry warehouse. Storage life of steel grits is at least 1 year from the date of production, provided that they are stored in a dry place.