

ZYS ZGCr15 steel ball

ZGCr15 material chemical composition								
Steel grade	Carbon	Manganese	Silicon	Chromium	Nickel	Copper	Sulfur	Phosphorus
ZGCR15	0.95/1.05	0.20/0.40	0.15/0.35	1.3/1.65	≤0.3	≤0.25	≤0.02	≤0.027

ZGCr15 material mechanical properties				
σ_b Mpa	σ_s Mpa	ψ	Annealing hardness HBW	Temper hardness HRC
649	353	48	207	62-66

ZGCr15 high carbon chrome steel ball specifications					
Nominal diameter of steel ball		Nominal diameter of steel ball		Nominal diameter of steel ball	
mm	in	mm	in	mm	in
0.5		0.6		0.794	1/32
0.8		1		1.588	1/16
2		2.381	3/32	2.5	
2.778	7/64	3		3.175	1/8
3.5		3.969	5/32	4	
4.5		4.762	3/16	5	
5.159	13/64	5.5		5.953	15/64
6		6.35	1/4	6.5	

6.747	17/64	7		7.144	9/32
7.5		7.938	5/16	8	
8.5		9		9.525	3/8
10		11.112	7/16	12	
12.303	31/64	12.7	1/2	13.494	17/32
14.288	9/16	15.081	19/32	15.875	5/8
16.669	21/32	17.462	11/16	18.256	23/32
19.05	3/4	19.844	25/32	20.638	13/16
21.431	27/32	22.225	7/8	28.575	1 1/8
31.75	1 1/4				