



BALL AND SEAT COMBINATIONS

API-FLAT TYPE BALLS AND SEATS FOR BOTTOM HOLE PUMPS

		DOUBLE SEAL	STANALLOY SINGLE SEAL
		STAINLESS	STAINLESS
		PART NUMBERS	
1"	API 5/8" ALT. 9/16"	021-102-100 021-104-100	022-114-100 022-116-100
1 1/16"	API 5/8" ALT. 9/16"	021-102-106 021-104-106	022-114-106 022-116-106
1 1/4"	API 3/4" ALT. 11/16"	021-102-125 021-104-125	022-114-125 022-116-125
1 1/2"	API 15/16" ALT. 7/8"	021-102-150 021-104-150	022-114-150 022-116-150
1 3/4"	API 1 1/8" ALT. 1"	021-102-175 021-104-175	022-114-175 022-116-175
2"	API 1 1/4" ALT. 1 1/8"	021-102-200 021-104-200	022-114-200 022-116-200
2 1/4"	API 1 3/8" ALT. 1 1/4"	021-102-225 021-104-225	022-114-225 022-116-225
2 3/4"	API 1 11/16" ALT. 1 1/2"	021-102-275 021-104-275	022-114-275 022-116-275
3 1/4"	API * ALT. 2"	* 021-104-325	* 022-116-325
3 3/4"	API 2 1/4" ALT. 2"	021-102-375 021-104-375	022-114-375 022-116-375

* SEE OUR PRICE LIST FOR OTHER COMBINATIONS (RIB OR FLAT) AND PRICING DETAILS.

BAIRD BALL AND SEAT MATERIALS

MANY OTHER COMBINATIONS AVAILABLE

STANALLOY

FOR GENERAL USE IN FAVORABLE PUMPING CONDITIONS...

Although an economy grade ball and seat, these assemblies are manufactured to the same exacting tolerances as our most expensive grades. Material 440 stainless. Hardness 52 Rockwell C. Magnetic.

DOUBLE SEAL®

FOR IMPACT AND HARD PUMPING...

A reservoir trap situated between the dual seals maintains a captured fluid cushion to absorb the shock of the ball returning to the seat. As the name DOUBLE SEAL® indicates, this assembly has two seating surfaces compared with only one on the conventional seat design. This additional seating area joins with the fluid trap to eliminate ball damage due to shock. Material 440 stainless. Hardness 52 Rockwell C. Magnetic.

TO SELECT THE CORRECT ASSEMBLY, ALL WELL CHARACTERISTICS, SUCH AS CORROSION, ABRASION AND SHOCK, SHOULD BE CONSIDERED. THE CORRECT ASSEMBLY ASSURES A LONGER SEAL BETWEEN BALL AND SEAT, RESULTING IN LONGER PUMP RUNS AND LONGER PROFITS.



SHERALLOY		CARBIDE			SEAT MATERIAL
SINGLE SEAL	DOUBLE SEAL	CARBIDE	STAINLESS	SHERALLOY	
PART NUMBERS					
027-162-100 027-164-100	028-166-100 028-168-100	023-142-100 *	024-144-100 024-145-100	025-146-100 025-147-100	
027-162-106 027-164-106	022-166-106 022-168-106	023-142-106 *	024-144-106 024-145-106	025-146-106 025-147-106	
027-162-125 027-164-125	022-166-125 022-168-125	023-142-125 023-143-125	024-144-125 024-145-125	025-146-125 025-147-125	
027-162-150 027-164-150	022-166-150 022-168-150	023-142-150 023-143-150	024-144-150 024-145-150	025-146-150 025-147-150	
027-162-175 027-164-175	022-166-175 022-168-175	023-142-175 023-143-175	024-144-175 024-145-175	025-146-175 025-147-175	
027-162-200 027-164-200	022-166-200 022-168-200	023-142-200 023-143-200	024-144-200 024-145-200	025-146-200 025-147-200	
027-102-225 027-164-225	022-166-225 022-168-225	023-142-225 023-143-225	024-144-225 024-145-225	025-146-225 025-147-225	
027-162-275 027-164-275	022-166-275 022-168-275	023-142-275 023-143-275	024-144-275 024-145-275	025-146-275 025-147-275	
* 027-164-325	* 022-168-325	* 023-143-325	* 024-145-325	* 025-147-325	
027-162-375 027-164-375	022-166-375 022-168-375	* 023-143-375	024-144-375 024-145-375	025-146-375 025-147-375	

* NOT AVAILABLE

SHERALLOY

FOR SEVERE CORROSION, ABRASION AND HARD PUMPING...

The SHERALLOY grade ball and seat was pioneered by the BAIRD Company to withstand the most severe pumping conditions. It is manufactured in both the single and double seat design. SHERALLOY is a cast alloy of carbon, chromium, tungsten, and cobalt. Hardness 59 Rockwell C. Non-Magnetic.

TUNGSTEN CARBIDE

FOR THE MOST SEVERE CONDITIONS OF ABRASION AND HARD PUMPING...

Carbide has the strength and hardness for the most demanding pumping conditions. Hardness 82 Rockwell C. Slightly Magnetic.

USE GRADES AS RECOMMENDED FOR EXCELLENT SERVICE IN THE FIELD.