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SELECTION OF MAIN MATERIALS

Material	Standard Carbon Steel	Standard Low Temperature Carbon Steel	Standard Stainless Steel	Standard 22Cr Duplex and 25Cr Super Duplex Alloys	6Mo	
Abbreviation	CS	LTCS	SS	DUP & S./DUP	SMO	
Part name	BODY and CONNECTOR	ASTM A216 gr. WCB	ASTM A352 gr. LCC	ASTM A351 gr. CF8M	ASTM A890 gr. 4A	ASTM A351 CK3MCuN
		ASTM A105 - A105N	ASTM A350 gr. LF2	ASTM A351 gr. CF3M	ASTM A890 gr. 5A	ASTM A182 gr. F44
			ASTM A182 gr. F316	ASTM A182 gr. F316L	ASTM A182 gr. F51	ASTM A182 gr. F53 or F55
	BALL	ASTM A351 gr. CF8M / CF3M	ASTM A351 gr. CF8M / CF3M	ASTM A351 gr. CF8M / CF3M	ASTM A890 gr. 4A	ASTM A351 CK3MCuN
		ASTM A216 gr. WCB + ENP		ASTM A890 gr. 5A	ASTM A890 gr. 5A	ASTM A182 gr. F44
		ASTM A352 gr. LCC + ENP	ASTM A352 gr. LCC + ENP	ASTM A182 gr. F316 / 316L	ASTM A182 gr. F51	
		ASTM A182 gr. F316 / 316L	ASTM A182 gr. F316 / 316L	ASTM A182 gr. F51	ASTM A182 gr. F53 or F55	
		ASTM A105 - A105N + ENP				
		ASTM A350 gr. LF2 + ENP	ASTM A350 gr. LF2 + ENP			
	STEM	ASTM A182 gr. F316 / 316L	ASTM A182 gr. F316 / 316L	ASTM A182 gr. F316 / 316L	ASTM A182 gr. F51	ASTM A182 gr. F44
		ASTM A182 gr. F51	ASTM A182 gr. F51	ASTM A182 gr. F51	ASTM A182 gr. F53 or F55	
		ASTM A105 - A105N + ENP	ASTM A350 gr. LF2 + ENP			
ASTM A350 gr. LF2 + ENP		ASTM A546 gr.630 (17-4-Ph)				
ASTM A546 gr.630 (17-4-Ph)		AISI 4140 + ENP				
SEAT / INSERT	PTFE, PTFE+15%GF, PTFE+25%GF, PTFE+50%SS, PTFE+20%Carbon+5%Grafite, NYLON, PEEK, KEL-F, VITON					
SPRINGS (Trunn.)	INCONEL X-750 - INCONEL 625					
FIRE SAFE SEALS	EXPANDED GRAPHITE					
BOLTS	ASTM A193 B7/ A194-2H	ASTM A320 L7/ A194 Gr.7	ASTM A193 B8/ A194-8	ASTM A193 B8/ A194-8	ASTM A193 B8/ A194-8	
	ASTM A193 B7M/ A194-2HM	ASTM A320 L7M/ A194 Gr.7M	ASTM A193 B8M/ A194-8M	ASTM A320 L7/ A194 Gr.7 HDG	ASTM A320 L7/ A194 Gr.7 HDG	
			ASTM A320 L7/ A194 Gr.7 HDG			

CAST ALLOY

FORGED or BAR STOCK

Other materials normally used : ASTM A182 gr. F6a cl. 2, ASTM A743 gr. CA15, Nickel Alloy 625 ASTM B564 UNS N06625, Nickel Alloy 625 ASTM A494 gr. CW-6MC, Titanium B348 gr. 2/5/7/11

ENP = Electroless Nickel Plating 30mic or 75mic

Other alloys available upon specific request.

All the data given in this catalogue are general and for commercial purposes only. For any specific technical information on the products (i.e. dimensions, drawings, torque values, manuals, operating conditions) please contact our sales office in Milan.