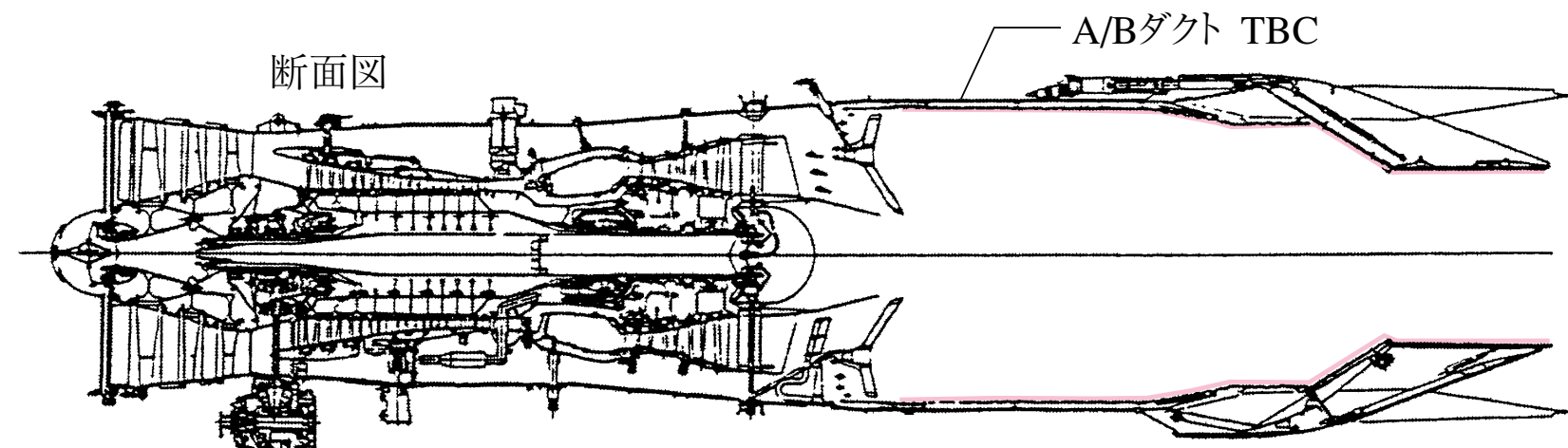
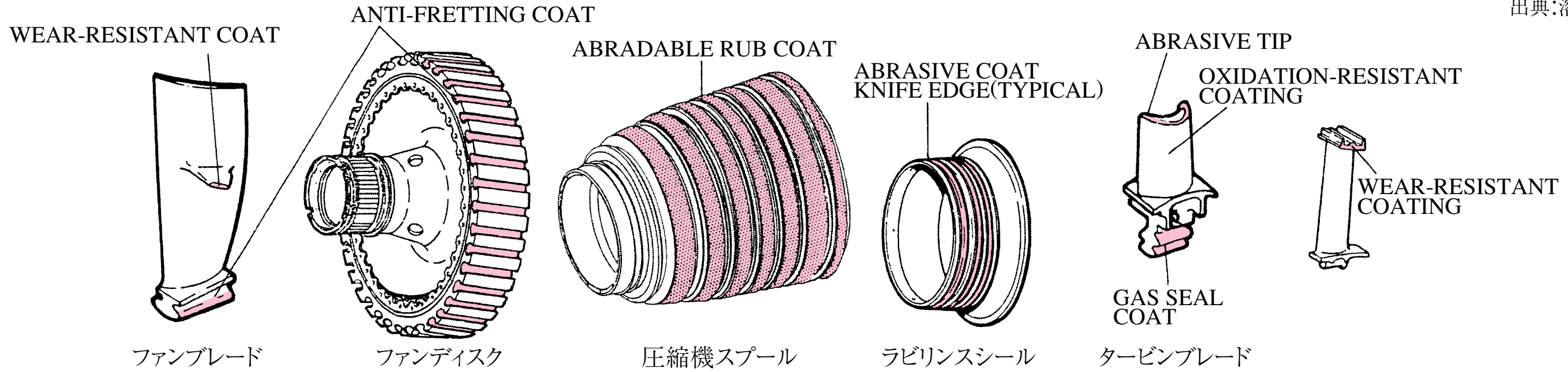


# 航空エンジンの構造と溶射・ろう付け適用部品例

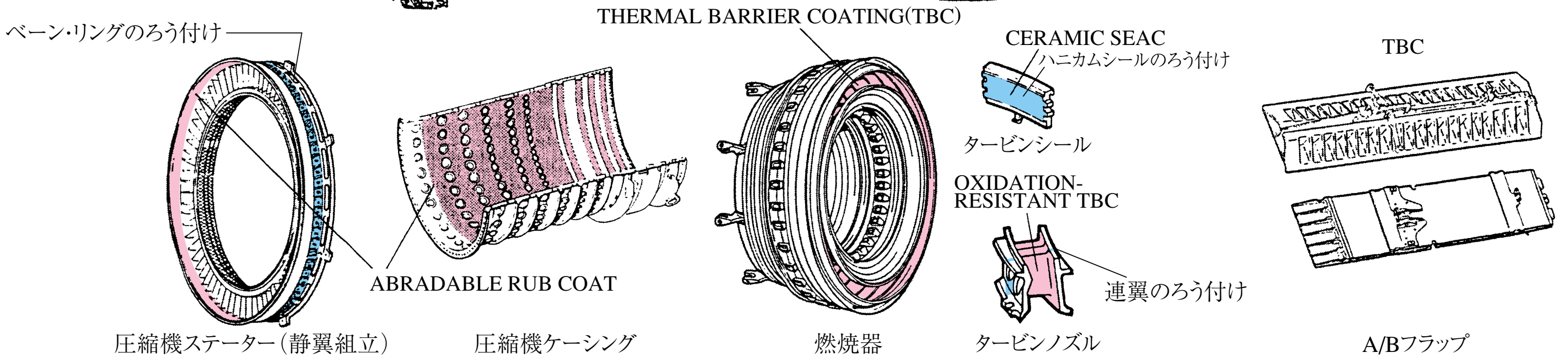


出典:溶射技術 vol.9 No.2



注記: 左図エンジンと直接関係のないものも含まれています。  
上段は回転部品  
下段は静止部品

溶射適用箇所 (Pink box)  
ろう付け適用箇所 (Blue box)



# 特殊工程認証取得状況と認証取得可能な工程と適用規格



工程名称	認定社名	認証取得適用規格	認証取得能力の有る規格		
鋼の熱処理	KHI	MIL-H-6875	PWA	PWA11	Heat treatment
		AMS-H-6875		PWA12	Heat treatment of Martensitic Corrosion Resistant Steel
		AMS2759	GE	P10TF1	Vacuum Heat Treating and Brazing
		C-O507			
		KPS-3000			
		KPS-3013	RR	RPS258	Heat treatment of Corrosion Resisting Steel
		KPS-3023			
		KPS-3024			
		KPS-3103	NADCAP	RPS356	Heat treatment of Parts in 18-8 Stainless Steel
	J-RPS953				
	MHI	AMS2759			
		VP2003			
	IHI	ISAJT-PWA11			
		AMS2759			
ISAEJ-99207HS43					
ISAJT-HS461					
	J-RPS953				
FHI	AMS2759				
Ni及びCo合金の熱処理	KHI	KPS-3103	RR	RPS574	Heat treatment of Ni and Co Base Alloy
	MHI	VP2071			
	IHI	P10TF1			
		AMS2774			
	ISAJT-PWA11				
ベリリウム銅の熱処理	KHI	MIL-H-7199			
Tiの熱処理	KHI	KPS-3102	RR	RPS323	Heat treatment of Titanium Alloy
	MHI	P2060			
		PS23401			
FHI	AMS-H-81200				
ロー付け 拡散接合	MHI	VP1508	AMS	AMS2664/6	Silver Brazing
		AMS2675		AMS2670/1	Copper Furnace Brazing
	KHI	J-RPS194	AMS	AMS2675	Ni-alloy Brazing
		J-RPS953		PWA	PWA10
		PWA19	Gold-Nickel Alloy Brazing		
		PWA112	TLP Bonding		
		PWA120	Diffusion Bonding of Ti-alloy		
		GE	P9TF1	Brazing	
			P10TF1	Vacuum Heat treatment and Brazing	
溶射	IHI	ISAJT-PWA44	PWA	PWA53	Plasma Coating
		ISAJT-D602-A6		PWA253	Multi-layered Plasma Coating (TBC)
		ISAJT-D602-A22		PWA261	Plasma Coating, Two-layer (TBC)
		ISAJT-D602-A39	PWA271	Coating, Dual Wire Arc Deposition	
		ISAJT-PWA53-5	GE	P16TF2	Plasma Sprayed Abrasive Coating
		ISAJT-PWA53-33		P16TF3	Flame Spraying
	ISAJT-PWA53-37	RR	RPS300	Combustion of Flame Deposition	
			RPS392	Plasma Flame Deposition	
			RPS427	Flame Deposition of Abradable Coating	
			IHI	ISAJT-22001	溶射コーティング
HVOF			PWA	PWA36206	
			GE	F50TF69	Tribaloy800
				F50TF71	WC-Co
				F50TF77	Cr2C3-NiCr
				F50TF83	Tribaloy400
			RR	RPS643	