Threaded with 0.D. Same	Type Standard D Tol. g6 D Tol. h5 D Tol. f8									
as Shaft O.D.				Material	Hardness	Surface Treatment				
	SFAQ SFUQ — 52100 Bearing Steel Equivalent									
	SSFAQ	SSFUQ — SUS440C (13Cr) Stainless Steel Effective Hard Equivalent Induction Hard				-				
	PSFAQ	PSFUQ	—	52100 Bearing Steel Equivalent 52100 Bearing Steel Equivalent			Hard Chrome Plating			
	PSSFAQ	PSSFUQ	—	SUS440C (13Cr) Stainless Steel Equivalent	Plating Hardness: HV 750~ Plating Thickness: 5 μ or More					
	RSFAQ	—	—	52100 Bearing Steel Equivalent		Low Temperature Black Chrome Plating				
	_	—	PSFGQ	1045 Carbon Steel Equivalent		Hard Chrome Plating				
	— PSSFGQ 304 Stainless Steel						Plating Thickness: 10 µ or More			
	53/104/0A					D Tolerance				
	0.3/ $(0.4/0.4/)$ No Surface Treatment on Machined Features					D	g6	h5	f8	
RoHS10	M (Coar	rse Thread) =	D	G S	<u>_</u>	3	-0.002	0		
-					TT AS	4	0.000	-0.004	_	
Shaft End Machined Area (Effective Thread Length + approx 10 mm) Appealing could				· ·	⋕ ╺ - <u>((</u> ·· <u>+</u> · <u>})</u>	5	-0.004	0		
reduce hardness. P.199						6	-0.012 -0.005	-0.005	-0.010	
Changes in Circularity, Straightness, Perpendicularity, concentricity and				- - <u>-</u> (Y)	-	0	0.005		-0.028	
Hardness. P.198			• •••••			10	-0.005	-0.006	-0.013	
Features of Low Temperature Black			U L does n	tot include incomplete threads.		12	-0.006	0	-0.016	
Chrome Plating, P.213.							0.000	0 000	0.010	
Chrome Plating, P.213 . O For One End Threaded Shafts with different diameters, please see P.220						16	-0.017	-0.008	-0.043	
Chrome Plating, P.213 . • For One End Threaded Shafts with different diameters, please see P.220 .						16 20	-0.017	-0.008	-0.043	

Part Number			1 mm In	ocrement		(Y)	0	Coars Dime	e Thread ensions
Тур	Туре		L	В	. WI	Max.	U U	М	Pitch
D Tolerance g6 SFAQ D Tolerance h5 PSFAQ PSSFAQ RSFAQ L≤500 D Tolerance f8 PSFGQ PSSFGQ PSSFGQ		3	25-197	3–15	3	200		3	0.5
	4	25-296	4-20	20 4 300 0.2 or l			4	0.7	
	5	25-396	4-25	5	400		5	0.8	
	6	25-795	5-30	6	600		6	1.0	
	SFUQ	8	25-993	7-40	8	800		8	1.25
	10	25_002	8-50	10	800	0.5 or Less	10	1.5	
	PSFUU 10 23-33		0-30	10	000	0.0 01 2033	12	1.75	
	PSSFUQ	PSSFUQ 12	25-1191	9–60	12	1000	-	16	2.0
		16		10-80	10–80 16 1200			20	2.5
		20	25-1187	13-100	20	1200	1.0.01.000	24	3.0
	30		30 25–1482 18–150 30 1500		1500	1.0 01 Less	30	3.5	

O L dimension has priority, thus B dimensions should be B-(Pitchx2).

Shafts



Shafts

Standard Type / One End Threaded with O.D. Same as Shaft O.D., continued

Part Numbe Alterations	er Part SF	Number - L - B - (SCetc.) AQ12 - 500 - B20 - SC10				Alteration Details P.20 (
Alterations	Code	Spec.		Alterations	Code	Spec.
	SC	Description Description Ordering Code: SC5 Application Notes: Applicable to D=6 or more SC=1 mm Increment 6 Operation Science 8 Operation Science 7 Science 8	D W ℓ ₁ 6 5 8 7 8		RC	90° Set Screw Flat at One Location Ordering Code: RC10 Application Notes: Only applicable to D=10-30 So Not available in combination with WRC. O For details, see Shaft Alteration Overview P.200.
		O SC=0 or SC≥2 10 8 ⊗ Not available in combination with WSC. 13 11 15 13		h		2 x 90° set screw flats Ordering Code: WRC10-Y10 Application Notes: Applicable to D=10-30
sc le ex w		Wrench Flats at Two Locations 16 14 10 Ordering Code: WSC12-X8 18 16 Application Notes: Applicable 20 17 In D=6 or more 25 22			WRC	 Not available in combination with RC. Orientation between set screw features is random. For details, see Shaft Alteration Overview P.200.
	WSC	$\label{eq:scalar} \begin{array}{llllllllllllllllllllllllllllllllllll$		G	KC	Keyway is added at one location Ordering Code: KC10-G10 Application Notes: Only applicable to D=12, 16, 20 and 30 O For details, see Shaft Alteration Overview P.200 .
	FC	Set Screw Flat at One Location D h Ordering Code: FC10-E8 $3-5$ 0.5 FC, E = 1 mm Increment $6-18$ 1 Or Clc3xD O When 1.5XD <fc, 2<="" fc="" sl="" td=""> 20-30 2 Or E=0 or E=2 Son to available in combination with WFC. $3-5$ 0.5 0.5</fc,>		 Please see Shaft Alteration When selecting multiple alt than 2 mm. P.201 Alterations may lower hard 	Overview f eration add ness. P.19	for details if provided. P.200 jitions, the distance between machined areas should be greater 9
	WFC	Set Screw Flats at Two Locations D h Ordering Code: WFC10-A8-E20 $3-5$ 0.5 WFC, A and E = 1 mm Increment $6-18$ 1 WFCs3xD Q $2-30$ 2 Wh (L=0) or A (E)=2 Orientation between set screw flats is random. Not available in combination with EC. Not available in combination with EC.				

Shafts