

CONE			Max Shaft Fillet Radii R ①	Weight	CUP			Max H's'ng Fillet Radii r ①	Weight	BEAR-ING	Remarks
Number	BORE d	WIDTH B			Number	OUTSIDE DIA D	WIDTH C			WIDTH T	
<b>635 Series (cont)</b>											
637	60.325 2.3750	41.275 1.6250	3.5 .14	1.89 kg 4.17 lb	*632AS 136.525 5.3750	55.562 2.1875	1.5 .06	1.70 kg 3.74 lb	55.560 2.1874	NA646-SW: FRONTFACE CHAMFER SHOULDER ON OD BACKFACE SLOTS IN FRONTFACE	
639	63.500 2.5000	41.275 1.6250	3.5 .14	1.79 kg 3.95 lb	*632-B 136.525 5.3750	31.750 1.2500	3.3 .13	1.12 kg 2.48 lb	16.662 .6560	632-B : FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION	
*639X	63.500 2.5000	41.275 1.6250	spcl. spcl.	1.74 kg 3.83 lb	*632D 136.525 5.3750	76.200 3.0000	1.5 .06	2.56 kg 5.63 lb	95.250 3.7500	632-S : KEYWAY IN OD BACKFACE THREADED OD FRONTFACE	
641	66.675 2.6250	41.275 1.6250	3.5 .14	1.69 kg 3.72 lb	*632DC 136.525 5.3750	76.200 3.0000	1.5 .06	2.56 kg 5.63 lb	95.250 3.7500	632AS : KEYWAY IN OD SURFACE THREADED OD FRONTFACE	
642	68.262 2.6875	41.275 1.6250	3.5 .14	1.63 kg 3.60 lb	*632-S 136.525 5.3750	41.275 1.6250	.8 .03	1.21 kg 2.67 lb	41.275 1.6250	632D : GROOVE IN OD CENTER HOLES IN OD CENTER	
643	69.850 2.7500	41.275 1.6250	3.5 .14	1.58 kg 3.48 lb	633 130.175 5.1250	31.750 1.2500	3.3 .13	.70 kg 1.54 lb	41.275 1.6250	632DC : HOLES IN OD CENTER 634W : KEYWAY BACKFACE SLOTS OD SURFACE	
644	71.438 2.8125	41.275 1.6250	3.5 .14	1.53 kg 3.37 lb	633X 130.000 5.1181	31.750 1.2500	3.0 .12	.69 kg 1.52 lb	41.275 1.6250	639A may be paired with all single cups corresponding to 635 and will require 4.750 mm (.1870 in) to be added to the T-width values. 639A may be paired with all double cups corresponding to 635 and will require 9.500 mm (.3740 in) to be added to the T-width values.	
645	71.438 2.8125	41.275 1.6250	6.4 .25	1.49 kg 3.30 lb	*634W 136.525 5.3750	35.720 1.4063	1.5 .06	1.23 kg 2.72 lb	45.245 1.7813	NA646-SW may be paired with all double cups corresponding to NA643 and will require -5.410 mm (-.2130 in) to be added to the T-width values.	
645X	71.438 2.8125	41.275 1.6250	6.4 .25	1.49 kg 3.29 lb							
NA643	69.850 2.7500	47.625 1.8750	3.5 .14	3.33 kg 7.34 lb	*632D 136.525 5.3750	76.200 3.0000	1.5 .06	2.56 kg 5.63 lb	95.250 3.7500	K516780 : SPECIAL RADIUS ON LEFTFACE OD SPECIAL RADIUS ON RIGHTFACE OD	
*NA643-SW	69.850 2.7500	47.625 1.8750	3.5 .14	3.37 kg 7.42 lb	*632DC 136.525 5.3750	76.200 3.0000	1.5 .06	2.56 kg 5.63 lb	95.250 3.7500		
					*K516780 159.974 6.2982	87.889 3.4602	spcl. spcl.	6.66 kg 14.69 lb	95.250 3.7500		
639A	63.500 2.5000	46.025 1.8120	6.4 .25	1.94 kg 4.27 lb							
*NA646-SW	69.987 2.7554	44.920 1.7685	3.0 .12	3.27 kg 7.21 lb							
<b>655 Series</b>											
655	69.850 2.7500	41.275 1.6250	3.5 .14	2.37 kg 5.22 lb	652 152.400 6.0000	31.750 1.2500	3.3 .13	1.24 kg 2.74 lb	41.275 1.6250	NA659-SW: FRONTFACE CHAMFER SLOTS IN FRONTFACE	
656	64.960 2.5575	41.275 1.6250	3.5 .14	2.54 kg 5.59 lb	652A 149.225 5.8750	31.750 1.2500	3.3 .13	1.05 kg 2.33 lb	41.275 1.6250	652-B: FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION	
657	73.025 2.8750	41.275 1.6250	3.5 .14	2.25 kg 4.97 lb	*652-B 152.400 6.0000	31.750 1.2500	3.3 .13	1.35 kg 2.97 lb	16.667 .6562	653DT: ASYMMETRICAL BEARING GROOVE IN OD CENTER HOLES IN OD CENTER REVERSE TAPERED OD SPECIAL RADIUS ON LEFTFACE OD SPECIAL RADIUS ON RIGHTFACE OD	
658	74.612 2.9375	41.275 1.6250	3.5 .14	2.19 kg 4.84 lb	653 146.050 5.7500	31.750 1.2500	3.3 .13	.87 kg 1.92 lb	41.275 1.6250		
659	76.200 3.0000	41.275 1.6250	3.5 .14	2.13 kg 4.70 lb	*653DT 158.750 6.2500	76.200 3.0000	spcl. spcl.	3.24 kg 7.14 lb	95.250 3.7500		
661	79.375 3.1250	41.275 1.6250	3.5 .14	2.01 kg 4.42 lb	653X 150.000 5.9055	31.750 1.2500	3.0 .12	1.10 kg 2.43 lb	41.275 1.6250		
663	82.550 3.2500	41.275 1.6250	3.5 .14	1.88 kg 4.14 lb	*654D 152.400 6.0000	76.200 3.0000	1.5 .06	3.08 kg 6.80 lb	95.250 3.7500	654D: GROOVE IN OD CENTER HOLES IN OD CENTER	
663A	82.550 3.2500	41.275 1.6250	6.8 .27	1.84 kg 4.05 lb	*654DC 152.400 6.0000	76.200 3.0000	1.5 .06	3.08 kg 6.80 lb	95.250 3.7500	654DC: HOLES IN OD CENTER	
664	84.138 3.3125	41.275 1.6250	3.5 .14	1.81 kg 3.99 lb							
665	85.725 3.3750	41.275 1.6250	3.5 .14	1.74 kg 3.84 lb							
665A	85.725 3.3750	41.275 1.6250	6.4 .25	1.71 kg 3.77 lb							
665X	85.000 3.3465	41.275 1.6250	3.5 .14	1.77 kg 3.91 lb							
NA659	76.200 3.0000	47.625 1.8750	3.5 .14	4.56 kg 10.04 lb	*653DT 158.750 6.2500	76.200 3.0000	spcl. spcl.	3.24 kg 7.14 lb	95.250 3.7500		

①These Maximum Fillet Radii will be cleared by the Cone or Cup Radii.  
†Bore or O.D. shown are maximum dimensions. \* See Remarks Column.

655 SERIES CONTINUED ON NEXT PAGE