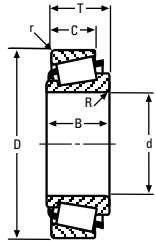
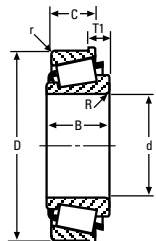


455 – 475 SERIES

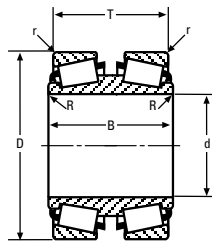
2



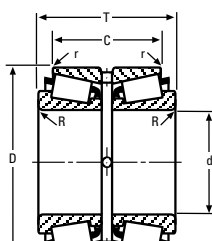
SINGLE ROW



SINGLE ROW WITH FLANGE



DOUBLE CONE



DOUBLE CUP

CONE			Max Shaft Fillet Radii R ①	Weight	CUP			Max Hs'ng Fillet Radii r ①	Weight	BEARING	Remarks
Number	BORE d	WIDTH B			Number	OUTSIDE DIA D	WIDTH C			WIDTH T	
455 Series (cont)											
462A	57.150	29.317	2.3	.67 kg	454	110.000	27.000	2.0	.55 kg	27.795	
	2.2500	1.1542	.09	1.48 lb		4.3307	1.0630	.08	1.21 lb	1.0943	
462W	57.150	29.317	2.3	.66 kg	*454AB	109.949	22.225	.8	.55 kg	11.115	
	2.2500	1.1542	.09	1.45 lb		4.3287	.8750	.03	1.21 lb	.4376	
463	47.625	29.317	4.8	.85 kg	454X	109.949	27.000	1.5	.55 kg	27.795	
	1.8750	1.1542	.19	1.87 lb		4.3287	1.0630	.06	1.21 lb	1.0943	
464	41.275	29.317	2.3	.96 kg	4520	101.200	33.338	3.3	.42 kg	38.900	
	1.6250	1.1542	.09	2.12 lb		3.9843	1.3125	.13	.93 lb	1.5315	
464A	41.275	29.317	1.5	.96 kg	4536	111.125	32.545	3.3	.83 kg	38.107	
	1.6250	1.1542	.06	2.13 lb		4.3750	1.2813	.13	1.82 lb	1.5003	
465	50.000	29.317	2.3	.82 kg							
	1.9685	1.1542	.09	1.81 lb							
466	54.988	29.317	2.3	.72 kg							
	2.1649	1.1542	.09	1.60 lb							
466-S	55.562	29.317	2.3	.71 kg							
	2.1875	1.1542	.09	1.57 lb							
467	47.625	29.317	.8	.86 kg							
	1.8750	1.1542	.03	1.91 lb							
468	52.388	29.317	1.5	.76 kg							
	2.0625	1.1542	.06	1.68 lb							
468W	52.388	29.317	1.5	.76 kg							
	2.0625	1.1542	.06	1.68 lb							
469	57.150	29.317	3.5	.68 kg							
	2.2500	1.1542	.14	1.49 lb							
469-S	57.150	29.317	4.8	.67 kg							
	2.2500	1.1542	.19	1.47 lb							
469A	57.150	29.317	3.5	.67 kg							
	2.2500	1.1542	.14	1.47 lb							
NA455	50.800	32.545	3.5	1.69 kg	*452D	107.950	53.975	.8	1.09 kg	65.090	
	2.0000	1.2813	.14	3.72 lb		4.2500	2.1250	.03	2.40 lb	2.5626	
*NA455-SW	50.800	32.545	3.5	1.73 kg	*452DC	107.950	53.975	.8	1.09 kg	65.090	
	2.0000	1.2813	.14	3.81 lb		4.2500	2.1250	.03	2.40 lb	2.5626	
					*453DW	114.300	55.562	.8	1.49 kg	65.090	
						4.5000	2.1875	.03	3.29 lb	2.5626	
*NA456-SW	50.800	37.308	3.5	1.93 kg	NA456-SW may be paired with all double cups corresponding to NA455 and will require 9.525 mm (.3750 in) to be added to the T-width values.						
	2.0000	1.4688	.14	4.26 lb							
475 Series											
475	55.000	29.007	.8	1.16 kg	472	120.000	24.237	2.0	.49 kg	29.794	482-SW: KEYWAY IN BACKFACE
	2.1654	1.1420	.03	2.56 lb		4.7244	.9542	.08	1.07 lb	1.1730	482E: SHOULDER ON ID BACKFACE
475X	55.000	29.007	2.0	1.16 kg	472A	120.000	23.444	3.3	.46 kg	29.002	
	2.1654	1.1420	.08	2.56 lb		4.7244	.9230	.13	1.00 lb	1.1418	NA483-SW: EXTENDED LARGE RIB FRONTFACE CHAMFER SLOTS IN FRONTFACE
476	60.000	29.007	2.0	1.06 kg	*472-B	120.000	24.237	.8	.54 kg	11.095	
	2.3622	1.1420	.08	2.33 lb		4.7244	.9542	.03	1.18 lb	.4368	
477	63.500	29.007	.8	.98 kg	*472D	120.000	53.975	.8	1.21 kg	65.090	
	2.5000	1.1420	.03	2.17 lb		4.7244	2.1250	.03	2.67 lb	2.5626	NA484-SW: FRONTFACE CHAMFER SLOTS IN FRONTFACE
478	65.000	29.007	2.3	.94 kg	*472DC	120.000	53.975	.8	1.21 kg	65.090	
	2.5591	1.1420	.09	2.08 lb		4.7244	2.1250	.03	2.67 lb	2.5626	
478-S	66.675	29.007	2.0	.91 kg	*472DS	127.000	53.975	.8	1.80 kg	65.090	485T: TAPERED BORE
	2.6250	1.1420	.08	2.00 lb		5.0000	2.1250	.03	3.96 lb	2.5626	
478W	65.000	29.007	2.3	.93 kg	472X	123.825	24.605	3.3	.63 kg	30.162	NA485-SW: EXTENDED LARGE RIB FRONTFACE CHAMFER SLOTS IN FRONTFACE
	2.5591	1.1420	.09	2.05 lb		4.8750	.9687	.13	1.38 lb	1.1875	
478XA	64.988	29.007	2.3	.94 kg	473	120.000	29.000	2.0	.54 kg	29.794	
	2.5586	1.1420	.09	2.08 lb		4.7244	1.1417	.08	1.18 lb	1.1730	
479	66.675	29.007	2.3	.90 kg	473XS	119.979	27.193	.5	.58 kg	32.751	487TD: TAPERED BORE
	2.6250	1.1420	.09	1.99 lb		4.7236	1.0706	.02	1.28 lb	1.2894	
480	68.262	29.007	3.5	.86 kg	474	130.000	31.000	2.0	1.07 kg	31.796	472-B: FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION
	2.6875	1.1420	.14	1.90 lb		5.1181	1.2205	.08	2.36 lb	1.2518	
482	69.850	29.007	3.5	.82 kg	474XS	120.000	26.187	2.0	.54 kg	31.796	472D: GROOVE IN OD CENTER HOLES IN OD CENTER
	2.7500	1.1420	.14	1.81 lb		4.7244	1.0310	.08	1.20 lb	1.2518	
*482-SW	69.850	29.007	3.5	.80 kg							472DC: HOLES IN OD CENTER
	2.7500	1.1420	.14	1.75 lb							
482A	69.850	29.007	4.8	.81 kg							472DS: HOLES IN OD CENTER
	2.7500	1.1420	.19	1.79 lb							

475 SERIES CONTINUED ON NEXT PAGE

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