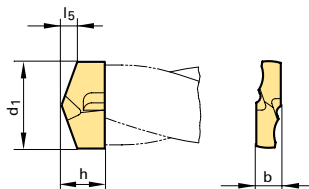


## Inserts



### Large Diameter Carbide, self-centering 140° SF point, RH cut



Cut Dia. = h7 tolerance range






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### ② Application Materials:

Series 2747   Aluminum & Alloys

Series 1047   General Steels/Brass  
 Universal Steels

Series 2485   General Steels/Brass  
 Universal Steels  
 Stainless Steels  
 Hardened Materials  
 Cast Iron  
 Ti & Ni Alloys

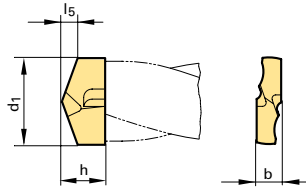
- ① Choose your diameter (metric or inch)
- ② Choose the appropriate insert for your workpiece material
- ③ Note the holder size for that insert diameter; select a holder (3xD, 5xD or 7xD) from the following page.

①					③			
Dia	Dia	h	b	l5	Series 2747	Series 1047	Series 2485	Holder Size
fract.	mm	mm	mm	mm	(bright)	(TiN)	(FIREX®)	
41/64	16.000	8.00	4.50	2.9	9027470160000	9010470160000	9024850160000	0.1
	16.270	8.00	4.50	3.0	9027470162700	9010470162700	9024850162700	
	16.500	8.00	4.50	3.0	9027470165000	9010470165000	9024850165000	
21/32	16.670	8.00	4.50	3.0	9027470166700	9010470166700	9024850166700	0.1
	17.000	8.00	4.50	3.1	9027470170000	9010470170000	9024850170000	
43/64	17.070	8.00	4.50	3.1	9027470170700	9010470170700	9024850170700	0.2
	17.460	8.00	4.50	3.1	9027470174600	9010470174600	9024850174600	
	17.500	8.00	5.00	3.2	9027470175000	9010470175000	9024850175000	
45/64	17.860	8.00	5.00	3.3	9027470178600	9010470178600	9024850178600	0.2
	18.000	8.00	5.00	3.3	9027470180000	9010470180000	9024850180000	
23/32	18.260	8.00	5.00	3.3	9027470182600	9010470182600	9024850182600	1.1
	18.500	8.00	5.00	3.4	9027470185000	9010470185000	9024850185000	
	18.650	8.00	5.00	3.4	9027470186500	9010470186500	9024850186500	
47/64	19.000	8.00	5.00	3.5	9027470190000	9010470190000	9024850190000	1.1
	19.050	8.00	5.00	3.5	9027470190500	9010470190500	9024850190500	
3/4	19.250	8.00	5.00	3.5	9027470192500	9010470192500	9024850192500	1.2
	19.450	8.00	5.00	3.5	9027470194500	9010470194500	9024850194500	
	19.500	8.00	5.00	3.5	9027470195000	9010470195000	9024850195000	
25/32	19.840	8.00	5.00	3.6	9027470198400	9010470198400	9024850198400	1.2
	20.000	8.00	5.00	3.6	9027470200000	9010470200000	9024850200000	
	20.240	8.80	5.50	3.6	9027470202400	9010470202400	9024850202400	
51/64	20.500	8.80	5.50	3.7	9027470205000	9010470205000	9024850205000	2.1
	20.640	8.80	5.50	3.8	9027470206400	9010470206400	9024850206400	
	21.000	8.80	5.50	3.8	9027470210000	9010470210000	9024850210000	
53/64	21.030	8.80	5.50	3.8	9027470210300	9010470210300	9024850210300	2.1
	21.430	8.80	5.50	3.9	9027470214300	9010470214300	9024850214300	
	21.500	8.80	5.50	3.9	9027470215000	9010470215000	9024850215000	
55/64	21.830	8.80	5.50	4.0	9027470218300	9010470218300	9024850218300	2.2
	22.000	8.80	5.50	4.0	9027470220000	9010470220000	9024850220000	
	22.220	8.80	5.50	4.0	9027470222200	9010470222200	9024850222200	
7/8	22.500	8.80	5.50	4.1	9027470225000	9010470225000	9024850225000	2.2

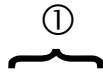
## Inserts

**Large Diameter**  
Carbide, self-centering 140° SF point, RH cut

Cut Dia. = h7 tolerance range



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Dia fract.	Dia mm	h mm	b mm	l5 mm	Series	Series	Series	Holder Size	
					2747 (bright)	1047 (TiN)	2485 (FIREX®)		
57/64	22.620	10.00	6.30	4.1	9027470226200	9010470226200	9024850226200	3.1	
	23.000	10.00	6.30	4.2	9027470230000	9010470230000	9024850230000		
29/32	23.020	10.00	6.30	4.2	9027470230200	9010470230200	9024850230200		
59/64	23.420	10.00	6.30	4.3	9027470234200	9010470234200	9024850234200		
	23.500	10.00	6.30	4.3	9027470235000	9010470235000	9024850235000		
15/16	23.810	10.00	6.30	4.3	9027470238100	9010470238100	9024850238100		
	24.000	10.00	6.30	4.4	9027470240000	9010470240000	9024850240000		
61/64	24.210	10.00	6.30	4.4	9027470242100	9010470242100	9024850242100		3.2
	24.500	10.00	6.30	4.5	9027470245000	9010470245000	9024850245000		
31/32	24.610	10.00	6.30	4.5	9027470246100	9010470246100	9024850246100		
63/64	25.000	10.00	6.30	4.5	9027470250000	9010470250000	9024850250000		
1	25.400	10.00	6.30	4.6	9027470254000	9010470254000	9024850254000		
	25.500	10.00	6.30	4.6	9027470255000	9010470255000	9024850255000		
26.000	11.60	7.30	4.7	4.7	9027470260000	9010470260000	9024850260000	4.1	
	26.500	11.60	7.30	4.8	9027470265000	9010470265000	9024850265000		
	27.000	11.60	7.30	4.9	9027470270000	9010470270000	9024850270000		
	27.500	11.60	7.30	5.0	9027470275000	9010470275000	9024850275000		
28.000	11.60	7.30	5.1	5.1	9027470280000	9010470280000	9024850280000	4.2	
	28.500	11.60	7.30	5.2	9027470285000	9010470285000	9024850285000		
	29.000	11.60	7.30	5.3	9027470290000	9010470290000	9024850290000		
	29.500	11.60	7.30	5.4	9027470295000	9010470295000	9024850295000		
30.000	13.60	8.50	5.5	5.5	9027470300000	9010470300000	9024850300000	5.1	
	30.500	13.60	8.50	5.6	9027470305000	9010470305000	9024850305000		
	31.000	13.60	8.50	5.6	9027470310000	9010470310000	9024850310000		
	31.500	13.60	8.50	5.7	9027470315000	9010470315000	9024850315000		
32.000	13.60	8.50	5.8	5.8	9027470320000	9010470320000	9024850320000	5.2	
	32.500	13.60	8.50	5.9	9027470325000	9010470325000	9024850325000		
	33.000	13.60	8.50	6.0	9027470330000	9010470330000	9024850330000		
	33.500	13.60	8.50	6.1	9027470335000	9010470335000	9024850335000		
34.000	13.60	8.50	6.2	6.2	9027470340000	9010470340000	9024850340000	6.1	
	34.500	13.60	8.50	6.3	9027470345000	9010470345000	9024850345000		
	35.000	16.00	10.00	6.4	9027470350000	9010470350000	9024850350000		
	36.000	16.00	10.00	6.6	9027470360000	9010470360000	9024850360000		
37.000	16.00	10.00	6.7	6.7	9027470370000	9010470370000	9024850370000	6.2	
	37.500	16.00	10.00	6.8	9027470375000	9010470375000	9024850375000		
	38.000	16.00	10.00	6.9	9027470380000	9010470380000	9024850380000		
	39.000	16.00	10.00	7.1	9027470390000	9010470390000	9024850390000		
40.000	16.00	10.00	7.3	7.3	9027470400000	9010470400000	9024850400000		
	40.500	16.00	10.00	7.4	9027470405000	9010470405000	9024850405000		

\*Items listed in red are non-stocked items, and may take 2 - 6 weeks to receive