



GROUP	PCRK
INSERT TYPE	WIRE THREAD
INSERT MATERIAL	304 STAINLESS STEEL
STYLE	FREE RUNNING

METRIC FINE				INCLUDED IN KIT					
MM	MM	INSERT		PART #	#	MM	PART #	PART #	PART #
		INSTALL	LENGTH						
M8	1,00	1,5D	12,00MM	3521-8.00K	20	8,3	3521-8.00I	3500-HIT11	3500-TB12
M10	1,25	1,5D	15,00MM	3521-10.00K	15	10,3	3521-10.00I	3500-HIT13	3500-TB13
M10	1,00	1,5D	15,00MM	3523-10.00K	15	10,3	3523-10.00I	3500-HIT13	3500-TB13
M11	1,25	1,5D	16,50MM	3521-11.00K	10	11,3	3521-11.00I	3500-HIT14	3500-TB14
M11	1,00	1,5D	16,50MM	3523-11.00K	10	11,3	3523-11.00I	3500-HIT14	3500-TB14
M12	1,50	1,5D	18,00MM	3521-12.00K	10	12,4	3521-12.00I	3500-HIT15	3500-TB15
M12	1,25	1,5D	18,00MM	3523-12.00K	10	12,3	3523-12.00I	3500-HIT15	3500-TB15
M12	1,00	1,5D	18,00MM	3524-12.00K	10	12,3	3524-12.00I	3500-HIT15	3500-TB15
M13	1,50	1,5D	19,50MM	3521-13.00K	10	13,2*	3521-13.00I	3500-HIT15	
M13	1,25	1,5D	19,50MM	3523-13.00K	10	13,2*	3523-13.00I	3500-HIT15	
M14	1,50	1,5D	21,00MM	3521-14.00K	10	14,4*	3521-14.00I	3500-HIT16	
M14	1,25	1,5D	21,00MM	3523-14.00K	10	14,3*	3523-14.00I	3500-HIT16	
M14	1,00	1,5D	21,00MM	3524-14.00K	10	14,3*	3524-14.00I	3500-HIT16	
M15	1,50	1,5D	22,50MM	3521-15.00K	10	15,3*	3521-15.00I	3500-HIT16	
M16	1,50	1,5D	24,00MM	3521-16.00K	10	16,5*	3521-16.00I	3500-HIT18	
M18	2,00	1,5D	27,00MM	3521-18.00K	5	18,5*	3521-18.00I	3500-HIT20	
M18	1,50	1,5D	27,00MM	3523-18.00K	5	18,5*	3523-18.00I	3500-HIT20	
M20	2,00	1,5D	30,00MM	3521-20.00K	5	20,5*	3521-20.00I	3500-HIT21	
M20	1,50	1,5D	30,00MM	3523-20.00K	5	20,5*	3523-20.00I	3500-HIT21	
M22	2,00	1,5D	33,00MM	3521-22.00K	5	22,5*	3521-22.00I	3500-HIT22	
M22	1,50	1,5D	33,00MM	3523-22.00K	5	22,5*	3523-22.00I	3500-HIT22	
M24	2,00	1,5D	36,00MM	3521-24.00K	5	24,5*	3521-24.00I	3500-HIT23	
M24	1,50	1,5D	36,00MM	3523-24.00K	5	24,5*	3523-24.00I	3500-HIT23	
M26	1,50	1,5D	39,00MM	3523-26.00K	5	26,5*	3523-26.00I	3500-HIT24	
M27	2,00	1,5D	40,50MM	3521-27.00K	5	27,5*	3521-27.00I	3500-HIT24	
M27	1,50	1,5D	40,50MM	3523-27.00K	5	27,5*	3523-27.00I	3500-HIT24	
M28	1,50	1,5D	42,00MM	3523-28.00K	5	28,5*	3523-28.00I	3500-HIT24	
M30	2,00	1,5D	45,00MM	3521-30.00K	5	30,5*	3521-30.00I	3500-HIT26	
M30	1,50	1,5D	45,00MM	3523-30.00K	5	30,5*	3523-30.00I	3500-HIT26	
M33	2,00	1,5D	49,50MM	3521-33.00K	5	33,5*	3521-33.00I	3500-HIT26	
M36	3,00	1,5D	54,00MM	3521-36.00K	3	37,0*	3521-36.00I	3500-HIT28	
M36	2,00	1,5D	54,00MM	3523-36.00K	3	36,5*	3523-36.00I	3500-HIT28	
M36	1,50	1,5D	54,00MM	3524-36.00K	3	36,5*	3524-36.00I	3500-HIT28	

* Tapping drill not included in thread repair kit.



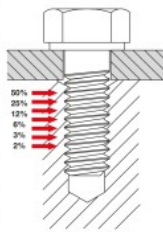
Some large repair kits over 24mm may be supplied with HIM tools (hex installation mandrels) in place of HIT tools (hand installation tools).



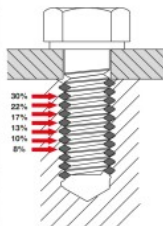
Bulk Free Running Inserts
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Standard Bolt



Bolt with PowerCoil insert



In a conventional threaded joint 75% of the load is placed on the first three threads.

The helical coil design of the PowerCoil Wire Thread Insert allows the shear loading to be transformed into a more desirable radial loading (hoop stress) over the entire length of the insert.

Use of a PowerCoil insert results in a far stronger thread than can be obtained by using conventional drilling or tapping. Improved strength allows designers to select fasteners based on minimum bolt strength and allows the use of smaller diameters and thread lengths - even in magnesium and aluminium alloys.