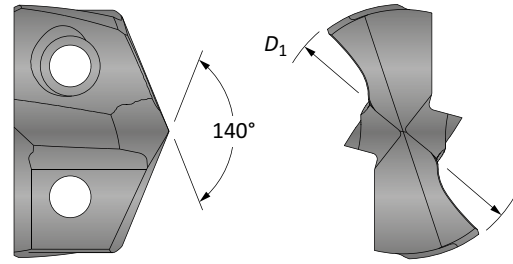
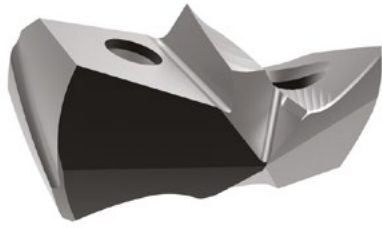







GEN3SYS®XT Pro Drill Inserts

17 Series | Diameter Range: 17.00mm - 17.99mm (0.6693" - 0.7086")



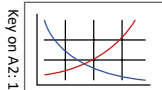
Insert					
D_1 mm	D_1 inch	Fractional Equivalent	Part No. P	Part No. K	Part No. N
17.00	0.6693	-	XTP17-17.00	XTK17-17.00	XTN17-17.00
17.07	0.6719	43/64	XTP17-17.07	XTK17-17.07	XTN17-17.07
17.10	0.6732	-	XTP17-17.10	XTK17-17.10	XTN17-17.10
17.20	0.6772	-	XTP17-17.20	XTK17-17.20	XTN17-17.20
17.30	0.6811	-	XTP17-17.30	XTK17-17.30	XTN17-17.30
17.40	0.6850	-	XTP17-17.40	XTK17-17.40	XTN17-17.40
17.46	0.6875	11/16	XTP17-17.46	XTK17-17.46	XTN17-17.46
17.50	0.6890	-	XTP17-17.50	XTK17-17.50	XTN17-17.50
17.60	0.6929	-	XTP17-17.60	XTK17-17.60	XTN17-17.60
17.70	0.6969	-	XTP17-17.70	XTK17-17.70	XTN17-17.70
17.80	0.7008	-	XTP17-17.80	XTK17-17.80	XTN17-17.80
17.86	0.7031	45/64	XTP17-17.86	XTK17-17.86	XTN17-17.86
17.90	0.7047	-	XTP17-17.90	XTK17-17.90	XTN17-17.90

Inserts sold in multiples of 1

A
DRILLINGB
BORINGC
REAMINGD
BURNISHINGE
THREADINGX
SPECIALS

A2: 66 - 75

A2: 2 - 5

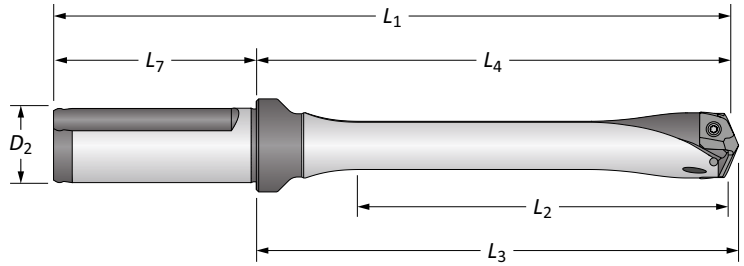








Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 13 series = use Part No. XTP13-13.16
Imperial:	0.5180", Steel, 13 series = use Part No. XTP13-13.16





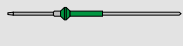
GEN3SYS®XT Pro Drill Insert Holders

17 Series | Diameter Range: 17.00mm - 17.99mm (0.6693" - 0.7086")



Flute	Body					Shank			Flat	Part No.
	Length	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂			
 Straight	3xD	54.0	84.1	87.0	134.1	50.0	20.0	YES	HXT0317S-20FM	
	3xD	54.0	84.1	87.0	134.1	50.0	20.0	NO	HXT0317S-20CM	
	5xD	90.0	120.0	122.9	170.0	50.0	20.0	YES	HXT0517S-20FM	
	5xD	90.0	120.0	122.9	170.0	50.0	20.0	NO	HXT0517S-20CM	
	7xD	126.0	156.0	158.9	206.0	50.0	20.0	YES	HXT0717S-20FM	
	7xD	126.0	156.0	158.9	206.0	50.0	20.0	NO	HXT0717S-20CM	
	10xD	179.8	209.9	212.8	259.9	50.0	20.0	YES	 HXT1017S-20FM	
	10xD	179.8	209.9	212.8	259.9	50.0	20.0	NO	 HXT1017S-20CM	
 Straight	3xD	2-1/8	3-19/64	3-27/64	5-21/64	2-1/32	3/4	YES	HXT0317S-075F	
	3xD	2-1/8	3-19/64	3-27/64	5-21/64	2-1/32	3/4	NO	HXT0317S-075C	
	5xD	3-35/64	4-23/32	4-27/32	6-3/4	2-1/32	3/4	YES	HXT0517S-075F	
	5xD	3-35/64	4-23/32	4-27/32	6-3/4	2-1/32	3/4	NO	HXT0517S-075C	
	7xD	4-61/64	6-9/64	6-1/4	8-11/64	2-1/32	3/4	YES	HXT0717S-075F	
	7xD	4-61/64	6-9/64	6-1/4	8-11/64	2-1/32	3/4	NO	HXT0717S-075C	
	10xD	7-5/64	8-17/64	8-3/8	10-19/64	2-1/32	3/4	YES	 HXT1017S-075F	
	10xD	7-5/64	8-17/64	8-3/8	10-19/64	2-1/32	3/4	NO	 HXT1017S-075C	

Connection Accessories

					Admissible Tightening Torque* 175 N-cm (15.5 in-lbs)
72567-IP8-1	72567N-IP8-1	8IP-8	8IP-8TL	8IP-8B	

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

 = Metric (mm)
 = Imperial (in)

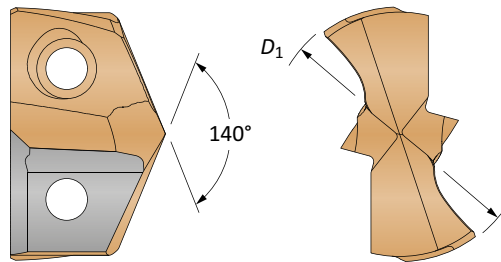
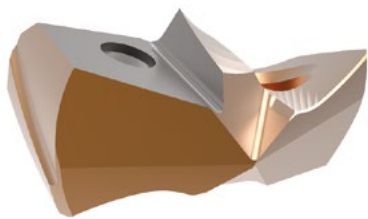
Screws sold in multiples of 10

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A2: 65 for deep hole drilling guidelines in this section of the catalogue. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.



GEN3SYS®XT Drill Inserts

17 Series | Diameter Range: 17.00mm - 17.99mm (0.6693" - 0.7086")



Carbide Substrate	Insert			Standard Part No.	Low Rake Part No.	Cast Iron Part No.	Stainless Part No.
	D ₁ mm	D ₁ inch	Fractional Equivalent				
K35 (C1)	17.00	0.6693		7C117P-17	7C117P-17LR	-	-
	17.07	0.6719	43/64	7C117P-.671	7C117P-.671LR	-	-
	17.10	0.6732		7C117P-17.1	7C117P-17.1LR	-	-
	17.20	0.6772		7C117P-17.2	7C117P-17.2LR	-	-
	17.46	0.6875	11/16	7C117P-0022	7C117P-0022LR	-	-
	17.50	0.6890		7C117P-17.5	7C117P-17.5LR	-	-
K20 (C2)	17.86	0.7031	45/64	7C117P-.703	7C117P-.703LR	-	-
	17.00	0.6693		7C217P-17	7C217P-17LR	7C217P-17CI	7C217P-17AS
	17.07	0.6719	43/64	7C217P-.671	7C217P-.671LR	7C217P-.671CI	7C217P-.671AS
	17.10	0.6732		7C217P-17.1	7C217P-17.1LR	7C217P-17.1CI	7C217P-17.1AS
	17.20	0.6772		7C217P-17.2	7C217P-17.2LR	7C217P-17.2CI	7C217P-17.2AS
	17.46	0.6875	11/16	7C217P-0022	7C217P-0022LR	7C217P-0022CI	7C217P-0022AS
	17.50	0.6890		7C217P-17.5	7C217P-17.5LR	7C217P-17.5CI	7C217P-17.5AS
17.86	0.7031	45/64	7C217P-.703	7C217P-.703LR	7C217P-.703CI	7C217P-.703AS	

Inserts sold in multiples of 1

A
DRILLING

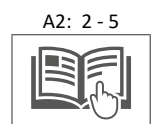
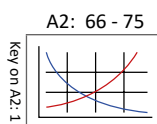
B
BORING

C
REAMING

D
BURINISHING

F
THREADING

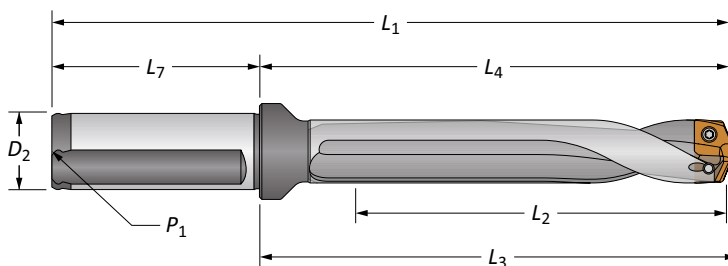
X
SPECIALS



Sizes not shown are available upon request.	
When ordering, please follow the example below:	
Metric:	13.16mm, Steel, 13 series = use Part No. XTP13-13.16
Imperial:	0.5180", Steel, 13 series = use Part No. XTP13-13.16

GEN3SYS®XT Standard Drill Insert Holders

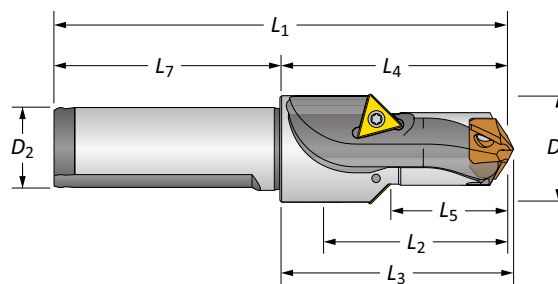
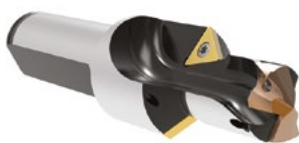
17 Series | Diameter Range: 17.00mm - 17.99mm (0.6693" - 0.7086")



Straight and Helical

Flute	Length	Body					Shank				Part No.
		L_2	L_4	L_3	L_1	L_7	D_2	P_1	Flat		
Straight	3xD	54.0	84.1	87.0	134.1	50.0	20.0	1/8*	YES	60317S-20FM	
	5xD	90.0	120.0	122.9	170.0	50.0	20.0	1/8*	YES	60517S-20FM	
	7xD	126.0	156.0	158.9	206.0	50.0	20.0	1/8*	YES	60717S-20FM	
Helical	Stub	21.0	50.5	53.4	100.5	50.0	20.0	1/8*	YES	60117H-20FM	
	3xD	54.0	84.1	87.0	134.1	50.0	20.0	1/8*	YES	60317H-20FM	
	3xD	54.0	84.1	87.0	134.1	50.0	20.0	1/8*	NO	60317H-20CM	
	5xD	90.0	120.0	122.9	170.0	50.0	20.0	1/8*	YES	60517H-20FM	
	5xD	90.0	120.0	122.9	170.0	50.0	20.0	1/8*	NO	60517H-20CM	
	7xD	126.0	156.0	158.9	206.0	50.0	20.0	1/8*	YES	60717H-20FM	
	7xD	126.0	156.0	158.9	206.0	50.0	20.0	1/8*	NO	60717H-20CM	
Straight	3xD	2-1/8	3-19/64	3-27/64	5-21/64	2-1/32	3/4	1/8	YES	60317S-075F	
	5xD	3-35/64	4-23/32	4-27/32	6-3/4	2-1/32	3/4	1/8	YES	60517S-075F	
	7xD	4-61/64	6-9/64	6-1/4	8-11/64	2-1/32	3/4	1/8	YES	60717S-075F	
	Stub	13/16	1-63/64	2-7/64	4-1/64	2-1/32	3/4	1/8	YES	60117H-075F	
	3xD	2-1/8	3-19/64	3-27/64	5-21/64	2-1/32	3/4	1/8	YES	60317H-075F	
	3xD	2-1/8	3-19/64	3-27/64	5-21/64	2-1/32	3/4	1/8	NO	60317H-075C	
	5xD	3-35/64	4-23/32	4-27/32	6-3/4	2-1/32	3/4	1/8	YES	60517H-075F	
	5xD	3-35/64	4-23/32	4-27/32	6-3/4	2-1/32	3/4	1/8	NO	60517H-075C	
	7xD	4-61/64	6-9/64	6-1/4	8-11/64	2-1/32	3/4	1/8	YES	60717H-075F	
	7xD	4-61/64	6-9/64	6-1/4	8-11/64	2-1/32	3/4	1/8	NO	60717H-075C	

*Thread to BSP and ISO 7-1



Drill / Chamfer

Step	Body					Shank		Part No.	Chamfer Insert	
	D_5	L_5	L_2	L_4	L_3	L_1	L_7			D_2
m	25.4	25.5	33.3	50.5	53.4	108.6	50.0	20.0	60117C45-20FM	TCMT-110204
i	1	1	1-5/16	1-63/64	2-7/64	4-1/64	2-1/32	3/4	60117C45-075F	TCMT-110204

Connection Accessories

Insert Screws	Nylon Locking Screws	Insert Driver	Preset Torque Hand Driver	Replacement Tips	Admissible Tightening Torque*
72567-IP8-1	72567N-IP8-1	8IP-8	8IP-8TL	8IP-8B	175 N-cm (15.5 in-lbs)

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

Chamfer inserts sold separately in multiples of 10 | Screws sold in multiples of 10

m = Metric (mm)

i = Imperial (in)