



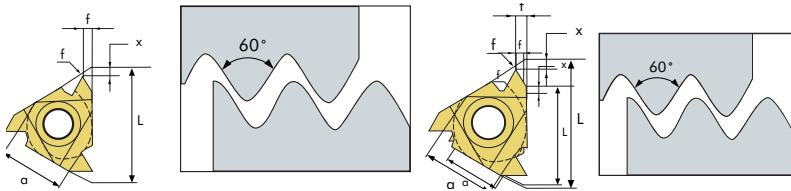
# THREADING HOLDERS & INSERTS

Introducing XDA & XTA Inserts.  
Internal & External Threading Holders.

Best Quality with  
Affordable Price. !!

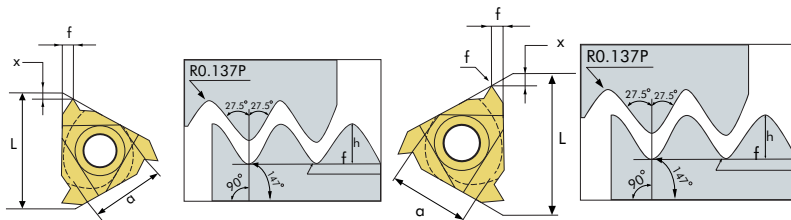
## 60° PARTIAL PROFILE

Designation Internal Insert	Designation External Insert	(mm)	TPI	d	L	x	f
11IRA60	11ERA60	0.5 ~ 1.5	48 ~ 16	6.35	11	0.8	0.9
16IRA60	16ERA60	0.5 ~ 1.5	48 ~ 16	9.525	16	0.8	0.9
16IRAG60	16ERAG60	0.5 ~ 3.0	48 ~ 8	9.525	16	1.2	1.5
16IRG60	16ERG60	1.75 ~ 3.0	14 ~ 8	9.525	16	1.2	1.5



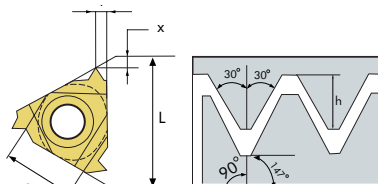
## BRITISH STANDARD PIPE THREAD

Designation Internal Insert	Designation External Insert	TPI	d	L	x	f
11IR19BSPT	11ER19BSPT	11.5	9.525	16	1.1	1.5
16IR11BSPT	16ER11BSPT	14	9.525	16	0.9	1.2
16IR14BSPT	16ER14BSPT	18	9.525	16	0.8	1



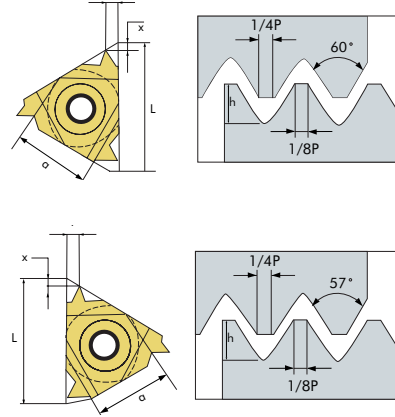
## NATIONAL PIPE THREAD

Designation Internal Insert	Designation External Insert	TPI	d	L	x	f
16IR11.5NPT	16ER11.5NPT	11.5	9.525	16	1.1	1.5
16IR14NPT	16ER14NPT	14	9.525	16	0.9	1.2
16IR18NPT	16ER18NPT	18	9.525	16	0.8	1



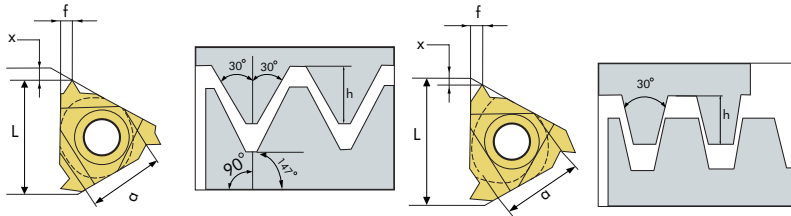
## AMERICAN : UN, UNC, UNF, UNEF

Designation Internal Insert	Designation External Insert	TPI	d	L	x	f
11IR20UN	11ER20UN	20	6.35	11	0.8	0.9
16IR8UN	16ER8UN	8	9.525	16	1.2	1.5
16IR10UN	16ER10UN	10	9.525	16	1.1	1.5
16IR12UN	16ER12UN	12	9.525	16	1.1	1.4
16IR14UN	16ER14UN	14	9.525	16	0.9	1.2
16IR16UN	16ER16UN	16	9.525	16	0.9	1.1
16IR18UN	16ER18UN	18	9.525	16	0.8	1
16IR20UN	16ER20UN	20	9.525	16	0.8	0.9
16IR24UN	16ER24UN	24	9.525	16	0.7	0.8



## DIN103 TRAPEZ

Designation Internal Insert	Designation External Insert	TPI	d	L	x	f
16IR2TR	16ER2TR	2	9.525	16	1.1	1.3



**OUR NETWORK**

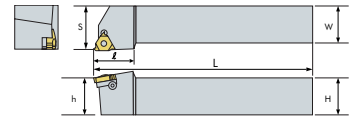
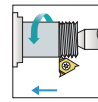
- AHMEDABAD • AURANGABAD • BENGALURU • CHENNAI • COIMBATORE • DELHI • DUBAI • INDORE • KOLHAPUR • MUMBAI\* • PUNE • RAJKOT
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\* Head Office

**Authorised Dealer:**



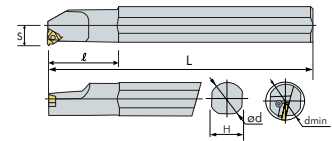
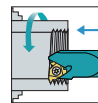
Designation	H	W	L	S	h	l	Inserts
X-SER/L1616-H16	16	16	100	20	16	20.5	16ER/L
X-SER/L2020-K16	16	16	100	20	16	20.5	16ER/L
X-SER/L2525-M16	16	16	100	20	16	20.5	16ER/L
X-SER/L3232-P16	16	16	100	20	16	20.5	16ER/L



Designation	Shim	Insert Screw	Anvil Screw	Wrench
X-SER/L1616-H16	STM16	M3.5x12	M3x6N	T-15
X-SER/L2020-K16	STM16	M3.5x12	M3x6N	T-15
X-SER/L2525-M16	STM16	M3.5x12	M3x6N	T-15
X-SER/L3232-P16	STM16	M3.5x12	M3x6N	T-15



Designation	d min	Ø d	H	L	S	l	Inserts
X-SNR0010-K11	13	10	9	125	7.3	25	11IR/L
X-SNR0013-M16	17	16	15	150	10.3	32	11IR/L
X-SNR0016-Q16	17	16	15	150	10.3	32	11IR/L
X-SNR0020-Q16	24	20	18	180	13.4	40	11IR/L
X-SNR0025-R16	24	20	18	180	13.4	40	16IR/L
X-SNR0032-S16	24	20	18	180	13.4	40	16IR/L
X-SNR0040-T16	24	20	18	180	13.4	40	16IR/L



Designation	Shim	Insert Screw	Anvil Screw	Wrench
X-SNR0010-K11	-	M2.5x8	-	T-8
X-SNR0013-M16	-	M3.5x9	-	T-15
X-SNR0016-Q16	-	M3.5x9	-	T-15
X-SNR0020-Q16	STM16	M3.5x12	M3x6N	T-15
X-SNR0025-R16	STM16	M3.5x12	M3x6N	T-15
X-SNR0032-S16	STM16	M3.5x12	M3x6N	T-15
X-SNR0040-T16	STM16	M3.5x12	M3x6N	T-15



SPARES ARE AVAILABLE IN KITS WITH FOLLOWING ORDERING CODES:

- SPARE KIT THREADING HOLDER 11ER/L
- SPARE KIT THREADING HOLDER 16ER/L



Grade	Application
XDA	Multi layer PVD coated sub-Micrograin Grade provides good fracture toughness and excellent wear-resistance, it is good for stainless steels and exotic materials at high cutting speeds.
XTA	



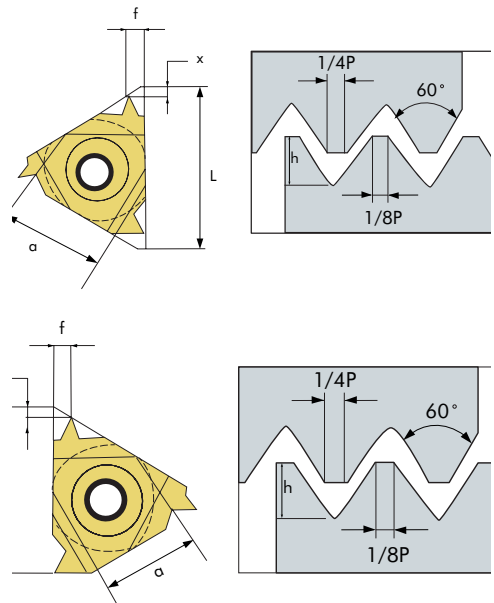
## THREAD TURNING SPEED SELECTION

Material	Application	XDA / XTA
P	Low & Medium Carbon Steels	90 - 240
	High Carbon Steels	80 - 170
	Alloy Steels & Treated Steels	90 - 130
	Cast Steels	120 - 180
M	Stainless Steel	70 - 180
K	Cast Iron	70 - 160
N	Non Ferrous & Aluminium	140 - 290



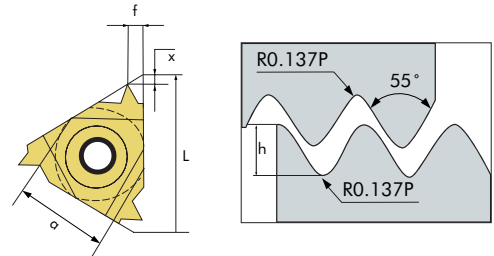
## ISO METRIC

Designation Internal Insert	Designation External Insert	TPI	d	L	x	f
11IR1.0ISO	11ER1.0ISO	1	6.35	11	0.6	0.7
11IR1.25ISO	11ER1.25ISO	1.25	6.35	11	0.8	0.9
11IR1.5ISO	11ER1.5ISO	1.5	6.35	11	0.8	1
11IR1.75ISO	11ER1.75ISO	1.75	6.35	11	0.9	1.1
11IR2.0ISO	11ER2.0ISO	2	6.35	11	0.9	1.1
11IR2.5ISO	11ER2.5ISO	2.5	6.35	11	0.8	1.1
16IR0.5ISO	16ER0.5ISO	0.5	9.525	16	0.6	0.7
16IR1.0ISO	16ER1.0ISO	1	9.525	16	0.8	0.9
16IR1.25ISO	16ER1.25ISO	1.25	9.525	16	0.8	1
16IR1.5ISO	16ER1.5ISO	1.5	9.525	16	0.9	1.2
16IR1.75ISO	16ER1.75ISO	1.75	9.525	16	1	1.3
16IR2.0ISO	16ER2.0ISO	2	9.525	16	1.1	1.5
16IR2.5ISO	16ER2.5ISO	2.5	9.525	16	1.1	1.5
16IR3.0ISO	16ER3.0ISO	3	9.525	16	1.1	1.5



## WHITWORTH: BSW, BSF, BSP

Designation Internal Insert	Designation External Insert	TPI	d	L	x	f
11IR14W	11ER14W	14	6.35	11	0.9	1.1
11IR16W	11ER16W	16	6.35	11	0.9	1.1
11IR19W	11ER19W	19	6.35	11	0.8	1
16IR10W	16ER10W	10	9.525	16	1.1	1.5
16IR11W	16ER11W	11	9.525	16	1.1	1.5
16IR12W	16ER12W	12	9.525	16	1.1	1.4
16IR14W	16ER14W	14	9.525	16	1	1.2
16IR16W	16ER16W	16	9.525	16	0.9	1.1
16IR18W	16ER18W	18	9.525	16	0.8	1
16IR19W	16ER19W	19	9.525	16	0.8	1
16IR20W	16ER20W	20	9.525	16	0.8	0.9



## 55° PARTIAL PROFILE

Designation Internal Insert	Designation External Insert	(mm)	TPI	d	L	x	f
11IRA55	11ERA55	0.5 ~ 1.5	48 ~ 16	6.35	11	0.8	0.9
16IRA55	16ERA55	0.5 ~ 1.5	48 ~ 16	9.525	16	0.8	0.9
16IRAG55	16ERAG55	0.5 ~ 3.0	48 ~ 8	9.525	16	1.2	1.5
16IRG55	16ERG55	1.75 ~ 3.0	14 ~ 8	9.525	16	1.2	1.5

