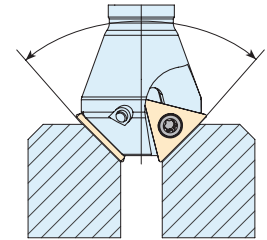
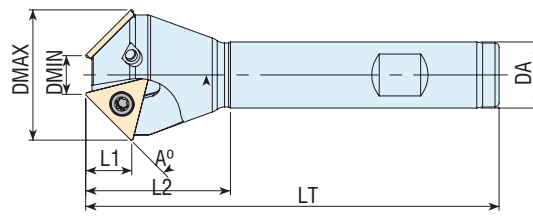
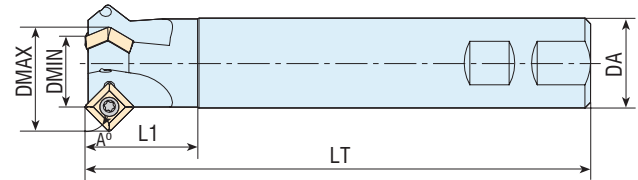


Porta de Fresado Chaflanes - Placa TC...



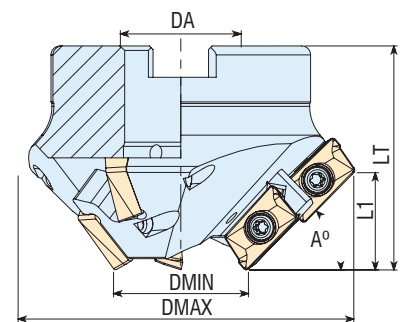
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NPDF10-TC16-D17X22-W16-L90-1	10°	17	22	16	90	30	1	15.5	TC.T16T304	TDA-047	LLT-15
NPDF15-TC16-D17X24-W16-L90-1	15°	17	24	16	90	30	1	14.9			
NPDF15-TC16-D22X29-W16-L100-1	15°	22	29	16	100	30	1	14.9			
NPDF15-TC16-D30X37-W20-L100-2	15°	30	37	20	100	35	2	14.9			
NPDF15-TC16-D35X42-W20-L100-3	15°	35	42	20	100	38	3	14.9			
NPDF15-TC16-D52X59-W25-L110-3	15°	52	59	25	110	40	3	14.9			
NPDF17.5-TC16-D17X25-W16-L90-1	17.5°	17	25	16	90	30	1	14.7			
NPDF18.5-TC16-D21.3X30-W20-L100-2	18.5°	21.3	30	20	100	30	2	13.5	TC.T16T308	TDA-047	LLT-15
NPDF20-TC16-D12X22-W16-L100-1	20°	12	22	16	100	30	1	14.4	TC.T16T304	TDA-047	LLT-15
NPDF20-TC16-D17X27-W16-L100-1	20°	17	27	16	100	30	1	14.4			
NPDF20-TC16-D23X33-W20-L100-2	20°	23	33	20	100	30	2	14.4			
NPDF20-TC16-D28X38-W20-L100-2	20°	28	38	20	100	35	2	14.4			
NPDF20-TC16-D35X45-W20-L100-3	20°	35	45	20	100	40	3	14.4			
NPDF20-TC16-D39X49-W20-L100-3	20°	39	49	20	100	40	3	14.4			
NPDF20-TC16-D45X55-W25-L110-3	20°	45	55	25	110	40	3	14.4			
NPDF20-TC16-D51X61-W25-L110-3	20°	51	61	25	110	40	3	14.4			
NPDF22.5-TC16-D17X28-W16-L100-1	22.5°	17	28	16	100	30	1	14.2			
NPDF25-TC16-D17X29-W16-L100-1	25°	17	29	16	100	30	1	13.9			
NPDF30-TC16-D6X20-W16-L100-1	30°	6	20	16	100	30	1	13.3			
NPDF30-TC16-D15X30-W16-L100-1	30°	15	30	16	100	30	1	13.3			
NPDF30-TC16-D17.5X32.5-W20-L100-2	30°	17.5	32.5	20	100	30	2	13.3			
NPDF30-TC16-D20X35-W16-L100-2	30°	20	35	16	100	35	2	13.3			
NPDF30-TC16-D30X45-W20-L100-2	30°	30	45	20	100	40	2	13.3			
NPDF30-TC16-D35X50-W20-L100-3	30°	35	50	20	100	40	3	13.3			
NPDF30-TC16-D45X60-W25-L110-3	30°	45	60	25	110	40	3	13.3			
NPDF45-TC09-D7X18-W16-L100-2	45°	7	18	16	100	25	2	5.9	TC.T090204	TDA-008	80-T07
NPDF45-TC11-D11X24-W16-L100-2	45°	11	24	16	100	25	2	6.9	TC.T110204	TDA-014	LLT-8
NPDF45-TC16-D5X26-W16-L100-1	45°	5	26	16	100	30	1	10.8	TC.T16T304	TDA-047	LLT-15
NPDF45-TC16-D10X31-W16-L100-2	45°	10	31	16	100	35	2	10.8			
NPDF45-TC16-D10X31-W20-L100-2	45°	10	31	20	100	35	2	10.8			
NPDF45-TC16-D18X39-W16-L100-2	45°	18	39	16	100	40	2	10.8			
NPDF45-TC16-D18X39-W20-L100-2	45°	18	39	20	100	40	2	10.8			
NPDF45-TC16-D20X41-W20-L100-2	45°	20	41	20	100	40	2	10.8			
NPDF45-TC16-D30X51-W20-L100-2	45°	30	51	20	100	40	2	10.8			
NPDF55-TC16-D16X40-W20-L100-3	55°	16	40	20	100	40	3	8.7			
NPDF62-TC16-D14X40-W20-L100-3	62°	14	40	20	100	40	3	7.1			
NPDF72-TC16-D14X42-W20-L100-3	72°	14	42	20	100	40	3	4.6			

**Porta de Fresado Chalfanes 45° - Placa SPGT...**



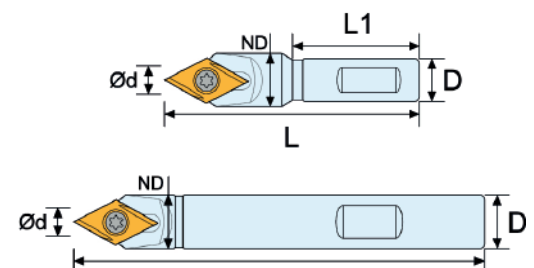
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NPDF45-SP11-D12X26-W20-L150-1	45°	12	26	20	150	30	1	SPGT110408	TDA-064	LLT-15
NPDF45-SP11-D25X39-W25-L150-2	45°	25	39	25	150	35	2			
NPDF45-SP11-D32X46-W32-L150-3	45°	32	46	32	150	40	3			

**Plato de Fresado Chaflanes - Placa AP..1604**



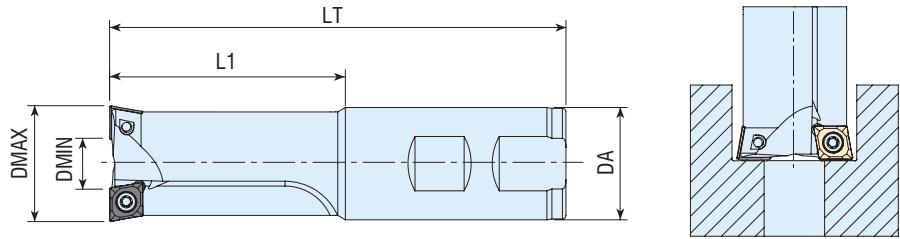
REFERENCIA	Z	A°	DMIN	DMAX	DA	L1	LT	INSERTO	TORNILLO	LLAVE
NPDFA15-AP16-D35X93-E27-Z3R	3-6	15	35	93	27	8	50	AP..1604	TDA-066	LLT-08
NPDFA30-AP16-D35X87-E27-Z3R	3-6	30	35	87	27	15	50			
NPDFA45-AP16-D35X77-E27-Z3R	3-6	45	35	77	27	21.5	50			
NPDFA60-AP16-D35X65-E22-Z3R	3-6	60	35	65	22	26.5	50			
NPDFA75-AP16-D35X50-E22-Z3R	3-6	75	35	50	22	29.5	50			

**Porta de Chaflanado / Punteado 60°**



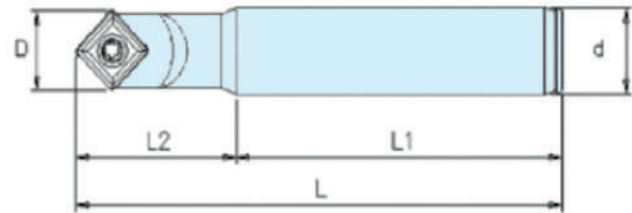
Referencia	D	ND	L	L1	Grados	INSERTO	TORNILLO	LLAVE
NPCX-101260	10	12	60	30	60°	XCEX11T3	TDA-113	LLT-15
NPCX-1212100	12	12	100	-	60°			

**Porta de Fresado Cabeza Tornillo DIN 974-1 - Placa CC.. / SP..**



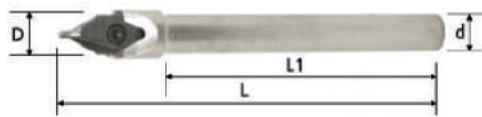
REFERENCIA	DMIN	DMAX	DA	L1	LT	PARA TORNILLO	PLACA	TORNILLO	LLAVE
NPCF-CC06-D27X6-W16-L150-2	6	17	16	30	150	-	CC..060204	TDA-014	LLT-8
NPCF-CC06-D18X7-W16-L100-2R	7	18	16	32	100	M-10			
NPCF-CC06-D18X7-W16-L160-2R	7	18	16	32	160	M-10			
NPCF-CC06-D20X9-W20-L100-2R	9	20	20	40	100	M-12			
NPCF-CC06-D20X9-W20-L160-2R	9	20	20	38	160	M-12			
NPCF-CC09-D26X8.5-W25-L130-2R	8.5	26	25	50	130	M-16	CC..09T304	TDA-047	LLT-15
NPCF-CC09-D26X8.5-W25-L200-2R	8.5	26	25	50	200	M-16			
NPCF-CC09-D30X12.5-W32-L130-2R	12.5	30	32	65	130	-			
NPCF-CC09-D33X15.5-W32-L130-2R	15.5	33	32	65	130	M-20			
NPCF-CC09-D33X15.5-W32-L200-2R	15.5	33	32	65	200	M-20			
NPCF-SP06-D15X4-W16-L150-2R	4	15	16	80	160	M-8	SP..060204	TDA-008	80-T07

**Porta de Chaflanado / Punteado**



Referencia	D	d	L	L1	L2	Inserto	Tornillo Recambio
NCCX-1412100	14	12	100	67	33	NDXP11T308	TDA-104
NCCX-1416100	14	16	100	67	33	NDXP11T308	TDA-104
NCCX-1416150	14	16	150	117	33	NDXP11T308	TDA-104
NCCX-1416220	14	16	220	187	33	NDXP11T308	TDA-104

**Porta de Punteado**



▲ Fig.1



▲ Fig.2



▲ Fig.3

Referencia	D	d	L	L1	Tipo	Inserto	Tornillo Recambio
NQCX-8100	12	8	100	73	1	NDXN04-200 NDXN04-250 NDXN04-300 NDXN04-400	TDA-105
NQCX-10100	12	10	100	74	1		TDA-105
NQCX-12100	12	12	100	-	2		TDA-105
NQCX-16120	12	16	120	48	3		TDA-105
NQCX-20150	12	20	150	50	3		TDA-105
NQCX-25180	12	25	180	56	3		TDA-105
NQCX-32200	12	32	200	60	3		TDA-105