



GOLD•TWIST™
EXTENSION Ø8.0 À Ø11.9 MM EN 12XD

**FORETS POUR DES PROFONDEURS
DE PERÇAGE JUSQU'À 12XD**

- Plage de diamètres Ø8.0 mm à Ø25.9 mm
- Conduits d'arrosage hélicoïdaux
- Précision élevée



Présentation du produit

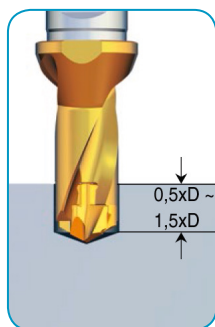
Ingersoll élargit la plage d'application de sa ligne GoldTwist en introduisant des corps de forets 12xD dans la plage de diamètres 8 à 11,9 mm.

Avec cette extension, la gamme pour le perçage jusqu'à 12xD couvre désormais la plage de diamètres de 8 à 25,9 mm.

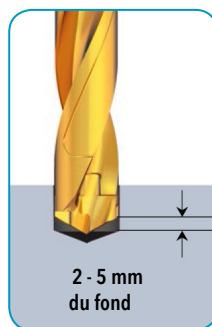
Caractéristiques techniques

Corps de forets pour des profondeurs de perçage jusqu'à 12xD

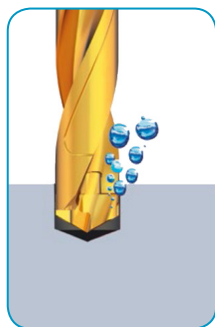
Méthode d'usinage recommandée pour le perçage profond 8xD et 12xD :



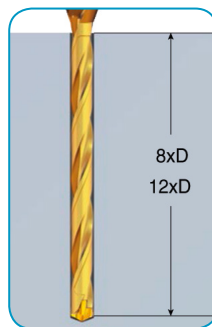
1. Pour le perçage profond 8xD et 12xD, il est conseillé d'usiner un avant-trou de 0,5xD à 1,5xD.



2. Faire entrer le foret dans l'avant-trou jusqu'à 2 mm du fond à vitesse réduite.



3. Lancer l'arrosage par l'intérieur 2 à 3 secondes avant le début de l'opération de perçage et régler la vitesse de rotation et l'avance.



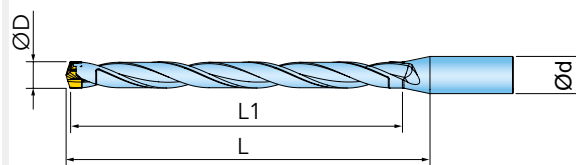
4. Effectuer le perçage en continu avec les conditions de coupe recommandées.

Avantages

Plage de diamètres Ø8.0 mm à Ø25.9 mm

- Profondeur de perçage jusqu'à 12xD
- Conduits d'arrosage hélicoïdaux
- Grande section des goujures
- Bonne évacuation des copeaux
- Queue cylindrique pour plus de concentricité
- Grande précision

ATTACHEMENT DIN 1835 A

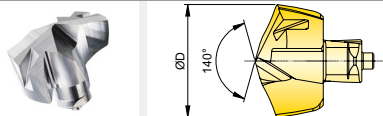


Désignation	D min.	D max.	d	L	L1	Bs	Clé	IK	kg
TD0800096T2R00	8,0	8,4	12	111,4	96	8	KTD6.0-9.9	✓	0,08
TD0850102T2R00	8,5	8,9	12	118,4	102	8	KTD6.0-9.9	✓	0,08
TD0900108T2R00	9,0	9,4	12	123,8	108	9	KTD6.0-9.9	✓	0,09
TD0950114T2R00	9,5	9,9	12	130,7	114	9	KTD6.0-9.9	✓	0,09
TD1000120T2R00	10,0	10,4	12	136,2	120	10	KTD10.0-19.0	✓	0,12
TD1050126T3R00	10,5	10,9	16	142,2	126	10	KTD10.0-19.0	✓	0,13
TD1100132T3R00	11,0	11,4	16	148,6	132	11	KTD10.0-19.0	✓	0,13
TD1150138T3R00	11,5	11,9	16	154,6	138	11	KTD10.0-19.0	✓	0,14
TD1200144T3R00	12,0	12,4	16	161	144	12	KTD10.0-19.9	✓	0,14
TD1250150T3R00	12,5	12,9	16	167	150	12	KTD10.0-19.9	✓	0,14
TD1300156T3R00	13,0	13,4	16	173	156	13	KTD10.0-19.9	✓	0,15
TD1350162T3R00	13,5	13,9	16	179	162	13	KTD10.0-19.9	✓	0,15
TD1400168T3R00	14,0	14,4	16	188	168	14	KTD10.0-19.9	✓	0,17
TD1450174T3R00	14,5	14,9	16	194	174	14	KTD10.0-19.9	✓	0,20
TD1500180T4R00	15,0	15,9	20	210	180	15	KTD10.0-19.9	✓	0,27
TD1600192T4R00	16,0	16,9	20	224	192	16	KTD10.0-19.9	✓	0,30
TD1700204T4R00	17,0	17,9	20	238	204	17	KTD10.0-19.9	✓	0,32
TD1800216T5R00	18,0	18,9	25	252	216	18	KTD10.0-19.9	✓	0,48
TD1900228T5R00	19,0	19,9	25	266	228	19	KTD10.0-19.9	✓	0,52
TD2000240T5R00	20,0	20,9	25	280	240	20	KTD20.0-26.9	✓	0,57
TD2100252T5R00	21,0	21,9	25	294	252	21	KTD20.0-26.9	✓	0,65
TD2200264T5R00	22,0	22,9	25	308	264	22	KTD20.0-26.9	✓	0,75
TD2300276U7R00	23,0	23,9	32	312	286	23	KTD20.0-26.9	✓	0,82
TD2400288U7R00	24,0	24,9	32	326	288	24	KTD20.0-26.9	✓	0,86
TD2500300U7R00	25,0	25,9	32	340	300	25	KTD20.0-26.9	✓	0,90

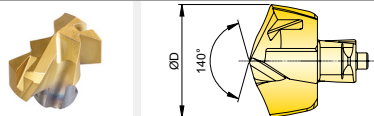
Il est recommandé d'usiner un avant-trou !

EMBOUTS GOLDTWIST

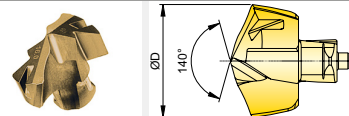
Perçage de l'aluminium



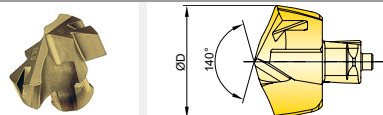
Perçage des fontes



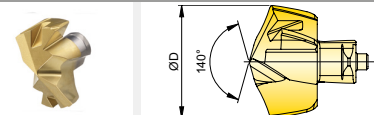
Perçage des aciers inoxydables



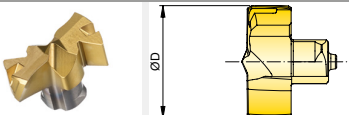
Perçage des aciers



Perçage double listels



Usinage de trous à fond plat (1,5xD/3xD/5xD)



Désignation							
D	Aluminium	Fontes	Aciers inoxydables	Aciers	Double listels	Fond plat	Nuance
8,0	TNA0800R01						IN 05S
8,0		TKA0800R01	TMA0800R01	TPA0800R01	TPA0800R01-M2	TPF0800R01	IN 2505
8,1		TKA0810R01	TMA0810R01	TPA0810R01			IN 2505
8,2		TKA0820R01	TMA0820R01	TPA0820R01			IN 2505
8,3		TKA0830R01	TMA0830R01	TPA0830R01			IN 2505
8,4		TKA0840R01	TMA0840R01	TPA0840R01			IN 2505
8,5		TKA0850R01	TMA0850R01	TPA0850R01	TPA0850R01-M2	TPF0850R01	IN 2505
8,6		TKA0860R01	TMA0860R01	TPA0860R01			IN 2505
8,7		TKA0870R01	TMA0870R01	TPA0870R01			IN 2505
8,8		TKA0880R01	TMA0880R01	TPA0880R01			IN 2505
8,9		TKA0890R01	TMA0890R01	TPA0890R01			IN 2505
9,0	TNA0900R01						IN 05S
9,0		TKA0900R01	TMA0900R01	TPA0900R01	TPA0900R01-M2	TPF0900R01	IN 2505
9,1		TKA0910R01	TMA0910R01	TPA0910R01			IN 2505
9,2		TKA0920R01	TMA0920R01	TPA0920R01			IN 2505
9,3		TKA0930R01	TMA0930R01	TPA0930R01			IN 2505
9,4		TKA0940R01	TMA0940R01	TPA0940R01			IN 2505
9,5	TNA0950R01						IN 05S
9,5		TKA0950R01	TMA0950R01	TPA0950R01	TPA0950R01-M2	TPF0950R01	IN 2505
9,6		TKA0960R01	TMA0960R01	TPA0960R01			IN 2505
9,7		TKA0970R01	TMA0970R01	TPA0970R01			IN 2505
9,8		TKA0980R01	TMA0980R01	TPA0980R01			IN 2505
9,9		TKA0990R01	TMA0990R01	TPA0990R01			IN 2505
10,0	TNA1000R01						IN 05S
10,0		TKA1000R01	TMA1000R01	TPA1000R01	TPA1000R01-M2	TPF1000R01	IN 2505
10,1		TKA1010R01	TMA1010R01	TPA1010R01			IN 2505
10,2	TNA1020R01						IN 05S
10,2		TKA1020R01	TMA1020R01	TPA1020R01			IN 2505
10,3		TKA1030R01	TMA1030R01	TPA1030R01			IN 2505
10,4		TKA1040R01	TMA1040R01	TPA1040R01			IN 2505
10,5	TNA1050R01						IN 05S
10,5		TKA1050R01	TMA1050R01	TPA1050R01	TPA1050R01-M2	TPF1050R01	IN 2505
10,6		TKA1060R01	TMA1060R01	TPA1060R01			IN 2505
10,7		TKA1070R01	TMA1070R01	TPA1070R01			IN 2505
10,8		TKA1080R01	TMA1080R01	TPA1080R01			IN 2505
10,9		TKA1090R01	TMA1090R01	TPA1090R01			IN 2505
11,0	TNA1100R01						IN 05S
11,0		TKA1100R01	TMA1100R01	TPA1100R01	TPA1100R01-M2	TPF1100R01	IN 2505
11,1		TKA1110R01	TMA1110R01	TPA1110R01			IN 2505
11,2		TKA1120R01	TMA1120R01	TPA1120R01			IN 2505

EMBOUTS GOLDTWIST

D	Désignation						Nuance
	Aluminium	Fontes	Aciers inoxydables	Aciers	Double listels	Fond plat	
11,3		TKA1130R01	TMA1130R01	TPA1130R01			IN 2505
11,4		TKA1140R01	TMA1140R01	TPA1140R01			IN 2505
11,5	TNA1150R01						IN 05S
11,5		TKA1150R01	TMA1150R01	TPA1150R01	TPA1150R01-M2		IN 2505
11,6		TKA1160R01	TMA1160R01	TPA1160R01			IN 2505
11,7		TKA1170R01	TMA1170R01	TPA1170R01			IN 2505
11,8		TKA1180R01	TMA1180R01	TPA1180R01			IN 2505
11,9		TKA1190R01	TMA1190R01	TPA1190R01			IN 2505
12,0	TNA1200R01						IN 05S
12,0		TKA1200R01	TMA1200R01	TPA1200R01	TPA1200R01-M2	TPF1200R01	IN 2505
12,1		TKA1210R01	TMA1210R01	TPA1210R01			IN 2505
12,2		TKA1220R01	TMA1220R01	TPA1220R01			IN 2505
12,3		TKA1230R01	TMA1230R01	TPA1230R01			IN 2505
12,4		TKA1240R01	TMA1240R01	TPA1240R01			IN 2505
12,5	TNA1250R01						IN 05S
12,5		TKA1250R01	TMA1250R01	TPA1250R01	TPA1250R01-M2	TPF1250R01	IN 2505
12,6		TKA1260R01	TMA1260R01	TPA1260R01			IN 2505
12,7		TKA1270R01	TMA1270R01	TPA1270R01			IN 2505
12,8		TKA1280R01	TMA1280R01	TPA1280R01			IN 2505
12,9		TKA1290R01	TMA1290R01	TPA1290R01			IN 2505
13,0	TNA1300R01						IN 05S
13,0		TKA1300R01	TMA1300R01	TPA1300R01	TPA1300R01-M2	TPF1300R01	IN 2505
13,1		TKA1310R01	TMA1310R01	TPA1310R01			IN 2505
13,2		TKA1320R01	TMA1320R01	TPA1320R01			IN 2505
13,3		TKA1330R01	TMA1330R01	TPA1330R01			IN 2505
13,4		TKA1340R01	TMA1340R01	TPA1340R01			IN 2505
13,5	TNA1350R01						IN 05S
13,5		TKA1350R01	TMA1350R01	TPA1350R01	TPA1350R01-M2	TPF1350R01	IN 2505
13,6		TKA1360R01	TMA1360R01	TPA1360R01			IN 2505
13,7		TKA1370R01	TMA1370R01	TPA1370R01			IN 2505
13,8		TKA1380R01	TMA1380R01	TPA1380R01			IN 2505
13,9		TKA1390R01	TMA1390R01	TPA1390R01			IN 2505
14,0	TNA1400R01						IN 05S
14,0		TKA1400R01	TMA1400R01	TPA1400R01	TPA1400R01-M2	TPF1400R01	IN 2505
14,1		TKA1410R01	TMA1410R01	TPA1410R01			IN 2505
14,2		TKA1420R01	TMA1420R01	TPA1420R01			IN 2505
14,3		TKA1430R01	TMA1430R01	TPA1430R01			IN 2505
14,4		TKA1440R01	TMA1440R01	TPA1440R01			IN 2505
14,5	TNA1450R01						IN 05S
14,5		TKA1450R01	TMA1450R01	TPA1450R01	TPA1450R01-M2	TPF1450R01	IN 2505
14,6		TKA1460R01	TMA1460R01	TPA1460R01			IN 2505
14,7		TKA1470R01	TMA1470R01	TPA1470R01			IN 2505
14,8		TKA1480R01	TMA1480R01	TPA1480R01			IN 2505
14,9		TKA1490R01	TMA1490R01	TPA1490R01			IN 2505
15,0	TNA1500R01						IN 05S
15,0		TKA1500R01	TMA1500R01	TPA1500R01	TPA1500R01-M2	TPF1500R01	IN 2505
15,1		TKA1510R01	TMA1510R01	TPA1510R01			IN 2505
15,2		TKA1520R01	TMA1520R01	TPA1520R01			IN 2505
15,3		TKA1530R01	TMA1530R01	TPA1530R01			IN 2505
15,4		TKA1540R01	TMA1540R01	TPA1540R01			IN 2505

EMBOUTS GOLDTWIST

D	Désignation						Nuance
	Aluminium	Fontes	Aciers inoxydables	Aciers	Double listels	Fond plat	
15,5	TNA1550R01						IN 05S
15,5		TKA1550R01	TMA1550R01	TPA1550R01	TPA1550R01-M2	TPF1550R01	IN 2505
15,6		TKA1560R01	TMA1560R01	TPA1560R01			IN 2505
15,7		TKA1570R01	TMA1570R01	TPA1570R01			IN 2505
15,8		TKA1580R01	TMA1580R01	TPA1580R01			IN 2505
15,9		TKA1590R01	TMA1590R01	TPA1590R01			IN 2505
16,0	TNA1600R01						IN 05S
16,0		TKA1600R01	TMA1600R01	TPA1600R01	TPA1600R01-M2	TPF1600R01	IN 2505
16,1		TKA1610R01	TMA1610R01	TPA1610R01			IN 2505
16,2		TKA1620R01	TMA1620R01	TPA1620R01			IN 2505
16,3		TKA1630R01	TMA1630R01	TPA1630R01			IN 2505
16,4		TKA1640R01	TMA1640R01	TPA1640R01			IN 2505
16,5	TNA1650R01						IN 05S
16,5		TKA1650R01	TMA1650R01	TPA1650R01	TPA1650R01-M2	TPF1650R01	IN 2505
16,6		TKA1660R01	TMA1660R01	TPA1660R01			IN 2505
16,7		TKA1670R01	TMA1670R01	TPA1670R01			IN 2505
16,8		TKA1680R01	TMA1680R01	TPA1680R01			IN 2505
16,9		TKA1690R01	TMA1690R01	TPA1690R01			IN 2505
17,0	TNA1700R01						IN 05S
17,0		TKA1700R01	TMA1700R01	TPA1700R01	TPA1700R01-M2	TPF1700R01	IN 2505
17,1		TKA1710R01	TMA1710R01	TPA1710R01			IN 2505
17,2		TKA1720R01	TMA1720R01	TPA1720R01			IN 2505
17,3		TKA1730R01	TMA1730R01	TPA1730R01			IN 2505
17,4		TKA1740R01	TMA1740R01	TPA1740R01			IN 2505
17,5	TNA1750R01						IN 05S
17,5		TKA1750R01	TMA1750R01	TPA1750R01	TPA1750R01-M2	TPF1750R01	IN 2505
17,6		TKA1760R01	TMA1760R01	TPA1760R01			IN 2505
17,7		TKA1770R01	TMA1770R01	TPA1770R01			IN 2505
17,8		TKA1780R01	TMA1780R01	TPA1780R01			IN 2505
17,9		TKA1790R01	TMA1790R01	TPA1790R01			IN 2505
18,0	TNA1800R01						IN 05S
18,0		TKA1800R01	TMA1800R01	TPA1800R01	TPA1800R01-M2	TPF1800R01	IN 2505
18,1		TKA1810R01	TMA1810R01	TPA1810R01			IN 2505
18,2		TKA1820R01	TMA1820R01	TPA1820R01			IN 2505
18,3		TKA1830R01	TMA1830R01	TPA1830R01			IN 2505
18,4		TKA1840R01	TMA1840R01	TPA1840R01			IN 2505
18,5	TNA1850R01						IN 05S
18,5		TKA1850R01	TMA1850R01	TPA1850R01	TPA1850R01-M2	TPF1850R01	IN 2505
18,6		TKA1860R01	TMA1860R01	TPA1860R01			IN 2505
18,7		TKA1870R01	TMA1870R01	TPA1870R01			IN 2505
18,8		TKA1880R01	TMA1880R01	TPA1880R01			IN 2505
18,9		TKA1890R01	TMA1890R01	TPA1890R01			IN 2505
19,0	TNA1900R01						IN 05S
19,0		TKA1900R01	TMA1900R01	TPA1900R01	TPA1900R01-M2	TPF1900R01	IN 2505
19,1		TKA1910R01	TMA1910R01	TPA1910R01			IN 2505
19,2		TKA1920R01	TMA1920R01	TPA1920R01			IN 2505
19,3		TKA1930R01	TMA1930R01	TPA1930R01			IN 2505
19,4		TKA1940R01	TMA1940R01	TPA1940R01			IN 2505
19,5	TNA1950R01						IN 05S
19,5		TKA1950R01	TMA1950R01	TPA1950R01	TPA1950R01-M2	TPF1950R01	IN 2505

EMBOUTS GOLDTWIST

D	Désignation						Nuance
	Aluminium	Fontes	Aciers inoxydables	Aciers	Double listels	Fond plat	
19,6		TKA1960R01	TMA1960R01	TPA1960R01			IN 2505
19,7		TKA1970R01	TMA1970R01	TPA1970R01			IN 2505
19,8		TKA1980R01	TMA1980R01	TPA1980R01			IN 2505
19,9		TKA1990R01	TMA1990R01	TPA1990R01			IN 2505
20,0	TNA2000R01						IN 05S
20,0		TKA2000R01	TMA2000R01	TPA2000R01		TPF2000R01	IN 2505
20,1		TKA2010R01	TMA2010R01	TPA2010R01			IN 2505
20,2		TKA2020R01	TMA2020R01	TPA2020R01			IN 2505
20,3		TKA2030R01	TMA2030R01	TPA2030R01			IN 2505
20,4		TKA2040R01	TMA2040R01	TPA2040R01			IN 2505
20,5	TNA2050R01						IN 05S
20,5		TKA2050R01	TMA2050R01	TPA2050R01		TPF2050R01	IN 2505
20,6		TKA2060R01	TMA2060R01	TPA2060R01			IN 2505
20,7		TKA2070R01	TMA2070R01	TPA2070R01			IN 2505
20,8		TKA2080R01	TMA2080R01	TPA2080R01			IN 2505
20,9		TKA2090R01	TMA2090R01	TPA2090R01			IN 2505
21,0	TNA2100R01						IN 05S
21,0		TKA2100R01	TMA2100R01	TPA2100R01		TPF2100R01	IN 2505
21,1		TKA2110R01	TMA2110R01	TPA2110R01			IN 2505
21,2		TKA2120R01	TMA2120R01	TPA2120R01			IN 2505
21,3		TKA2130R01	TMA2130R01	TPA2130R01			IN 2505
21,4		TKA2140R01	TMA2140R01	TPA2140R01			IN 2505
21,5	TNA2150R01						IN 05S
21,5		TKA2150R01	TMA2150R01	TPA2150R01		TPF2150R01	IN 2505
21,6		TKA2160R01	TMA2160R01	TPA2160R01			IN 2505
21,7		TKA2170R01	TMA2170R01	TPA2170R01			IN 2505
21,8		TKA2180R01	TMA2180R01	TPA2180R01			IN 2505
21,9		TKA2190R01	TMA2190R01	TPA2190R01			IN 2505
22,0	TNA2200R01						IN 05S
22,0		TKA2200R01	TMA2200R01	TPA2200R01		TPF2200R01	IN 2505
22,1		TKA2210R01	TMA2210R01	TPA2210R01			IN 2505
22,2		TKA2220R01	TMA2220R01	TPA2220R01			IN 2505
22,3		TKA2230R01	TMA2230R01	TPA2230R01			IN 2505
22,4		TKA2240R01	TMA2240R01	TPA2240R01			IN 2505
22,5	TNA2250R01						IN 05S
22,5		TKA2250R01	TMA2250R01	TPA2250R01		TPF2250R01	IN 2505
22,6		TKA2260R01	TMA2260R01	TPA2260R01			IN 2505
22,7		TKA2270R01	TMA2270R01	TPA2270R01			IN 2505
22,8		TKA2280R01	TMA2280R01	TPA2280R01			IN 2505
22,9		TKA2290R01	TMA2290R01	TPA2290R01			IN 2505
23,0	TNA2300R01						IN 05S
23,0		TKA2300R01	TMA2300R01	TPA2300R01		TPF2300R01	IN 2505
23,1		TKA2310R01	TMA2310R01	TPA2310R01			IN 2505
23,2		TKA2320R01	TMA2320R01	TPA2320R01			IN 2505
23,3		TKA2330R01	TMA2330R01	TPA2330R01			IN 2505
23,4		TKA2340R01	TMA2340R01	TPA2340R01			IN 2505
23,5	TNA2350R01						IN 05S
23,5		TKA2350R01	TMA2350R01	TPA2350R01		TPF2350R01	IN 2505
23,6		TKA2360R01	TMA2360R01	TPA2360R01			IN 2505
23,7		TKA2370R01	TMA2370R01	TPA2370R01			IN 2505

EMBOUTS GOLDTWIN

D	Désignation						Nuance
	Aluminium	Fontes	Aciers inoxydables	Aciers	Double listels	Fond plat	
23,8		TKA2380R01	TMA2380R01	TPA2380R01			IN 2505
23,9		TKA2390R01	TMA2390R01	TPA2390R01			IN 2505
24,0	TNA2400R01						IN 05S
24,0		TKA2400R01	TMA2400R01	TPA2400R01		TPF2400R01	IN 2505
24,1		TKA2410R01	TMA2410R01	TPA2410R01			IN 2505
24,2		TKA2420R01	TMA2420R01	TPA2420R01			IN 2505
24,3		TKA2430R01	TMA2430R01	TPA2430R01			IN 2505
24,4		TKA2440R01	TMA2440R01	TPA2440R01			IN 2505
24,5	TNA2450R01						IN 05S
24,5		TKA2450R01	TMA2450R01	TPA2450R01		TPF2450R01	IN 2505
24,6		TKA2460R01	TMA2460R01	TPA2460R01			IN 2505
24,7		TKA2470R01	TMA2470R01	TPA2470R01			IN 2505
24,8		TKA2480R01	TMA2480R01	TPA2480R01			IN 2505
24,9		TKA2490R01	TMA2490R01	TPA2490R01			IN 2505
25,0	TNA2500R01						IN 05S
25,0		TKA2500R01	TMA2500R01	TPA2500R01		TPF2500R01	IN 2505
25,1		TKA2510R01	TMA2510R01	TPA2510R01			IN 2505
25,2		TKA2520R01	TMA2520R01	TPA2520R01			IN 2505
25,3		TKA2530R01	TMA2530R01	TPA2530R01			IN 2505
25,4		TKA2540R01	TMA2540R01	TPA2540R01			IN 2505
25,5	TNA2550R01						IN 05S
25,5		TKA2550R01	TMA2550R01	TPA2550R01		TPF2550R01	IN 2505
25,6		TKA2560R01	TMA2560R01	TPA2560R01			IN 2505
25,7		TKA2570R01	TMA2570R01	TPA2570R01			IN 2505
25,8		TKA2580R01	TMA2580R01	TPA2580R01			IN 2505
25,9		TKA2590R01	TMA2590R01	TPA2590R01			IN 2505

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