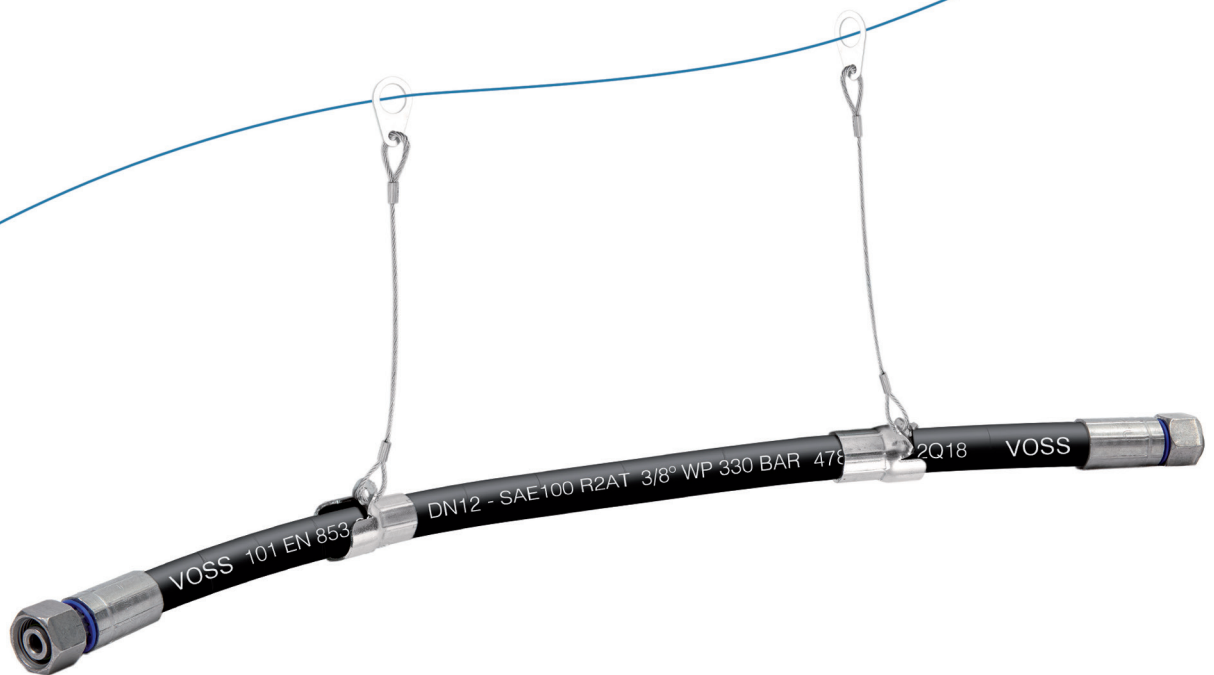
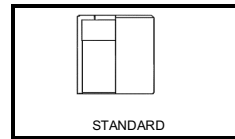
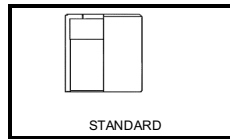
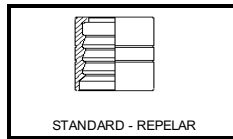
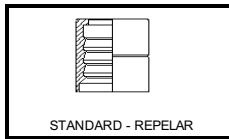


# VOSS

Terminales, mangueras y sistemas de seguridad



**CASQUILLO**  
**FERRULE**



ø int. tubo  
hose I.D.

TUBO	DN
3/16	5
1/4	6
5/16	8
3/8	10
1/2	13
5/8	16
3/4	20
1	25
1.1/4	32
1.1/2	40
2	50

**R1A - DIN 1ST (R2K)**

CÓDIGO	
TC0103	
TC0104	
TC0105	
TC0106	
TC0108	
TC0110	
TC0112	
TC0116	
TC0120	
TC0124	
TC0132	

**R2A - DIN 2ST (R9 / R9R)**

CÓDIGO	
TC0203	
TC0204	
TC0205	
TC0206	
TC0208	
TC0210	
TC0212	
TC0216	
TC0220	
TC0224	
TC0232	

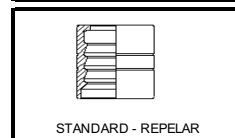
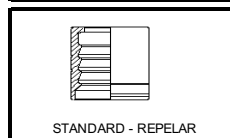
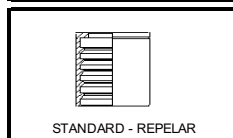
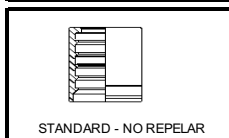
**TEFLON**

CÓDIGO	
TCFM03	
TCFM04	
TCFM05	
TCFM06	
TCFM08	
TCFM10	
TCFM12	

**TEFLON Corrugado**

CÓDIGO	
TCFMC06	
TCFMC08	
TCFMC10	
TCFMC12	
TCFMC16	
TCFMC20	
TCFMC24	
TCFMC32	

**CASQUILLO**  
**FERRULE**



ø int. tubo  
hose I.D.

TUBO	DN
3/16	5
1/4	6
5/16	8
3/8	10
1/2	13
5/8	16
3/4	20
1	25
1.1/4	32
1.1/2	40
2	50

**R1AT/ R2AT DIN 1SN/2SN DIN 2SC**

CÓDIGO	
TC12T03	
TC12T04	
TC12T05	
TC12T06	
TC12T08	
TC12T10	
TC12T12	
TC12T16	
TC12T20	
TC12T24	
TC12T32	

**R1AT DIN 1SN**

CÓDIGO	
TC01T20P	
TC01T24P	
TC01T32P	

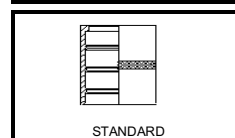
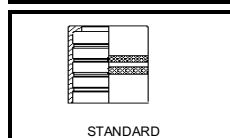
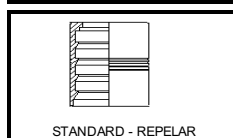
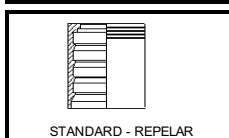
**R1AT/ R2AT DIN 1SN/2SN DIN 2SC**

CÓDIGO	
TC12T03P	
TC12T04P	
TC12T05P	
TC12T06P	
TC12T08P	
TC12T10P	
TC12T12P	
TC12T16P	

**R2AT DIN 2SN**

CÓDIGO	
TC02T20P	
TC02T24P	
TC02T32P	

**CASQUILLO**  
**FERRULE**



ø int. tubo  
hose I.D.

TUBO	DN
3/16	5
1/4	6
5/16	8
3/8	10
1/2	13
5/8	16
3/4	20
1	25
1.1/4	32
1.1/2	40
2	50

**R9R - DIN 4SP all DIN 4SH for 12 - 16**

CÓDIGO	
TC0404	
TC0406	
TC0408	
TC0410	
TC0412	
TC0416	
TC1020	
TC1024	
TC1032	

**DIN 20023 4SH**

CÓDIGO	
TC4H20	
TC4H24	
TC4H32	

**SAE 100 R3 SAE 100 R5 (O4 to 16)**

CÓDIGO	
TC0304	
TC0305	
TC0306	
TC0308	
TC0310	
TC0312	
TC0316	
TC0320	

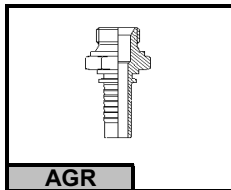
**R7 (R8 / R6)**

CÓDIGO	
TC0703	
TC0704	
TC0705	
TC0706	
TC0708	
TC0710	
TC0712	
TC0716	

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

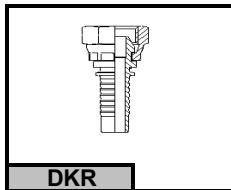
TUBO	DN	ROSCA
3/16	5	1/8
3/16	5	1/4
1/4	6	1/8
1/4	6	1/4
1/4	6	3/8
1/4	6	1/2
5/16	8	1/4
5/16	8	3/8
5/16	8	1/2
3/8	10	1/4
3/8	10	3/8
3/8	10	1/2
1/2	13	3/8
1/2	13	1/2
1/2	13	5/8
1/2	13	3/4
5/8	16	1/2
5/8	16	5/8
5/8	16	3/4
3/4	20	1/2
3/4	20	5/8
3/4	20	3/4
3/4	20	1
1	25	3/4
1	25	1
1	25	1.1/4
1.1/4	32	1.1/4
1.1/4	32	1.1/2
1.1/2	40	1.1/2
1.1/2	40	2
2	50	2



**AGR**

**MACHO GAS CILIND.**  
**cono 60°**  
**BSP MALE**  
**60° cone**

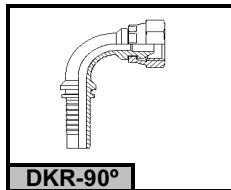
CÓDIGO
TM6010302
TM6020304
TM6010402
TM6020404
TM6030406
TM6040408
TM6010504
TM6020506
TM6030508
TM6010604
TM6020606
TM6030608
TM6010806
TM6020808
TM6040810
TM6030812
TM6031008
TM6011010
TM6021012
TM6031208
TM6041210
TM6011212
TM6021216
TM6031612
TM6011616
TM6021620
TM6012020
TM6022024
TM6012424
TM6022432
TM6013232



**DKR**

**HEMBRA GAS RECTA**  
**cono 60°**  
**BSP FEMALE**  
**60° cone**

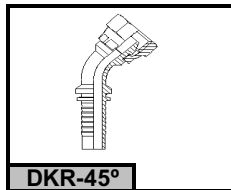
CÓDIGO
TTL10302
TTL20304
TTL30402
TTL10404
TTL20406
TTL40408
TTL20504
TTL10506
TTL30508
TTL10604
TTL20606
TTL30608
TTL40806
TTL10808
TTL20810
TTL30812
TTL31008
TTL11010
TTL21012
TTL41208
TTL31210
TTL11212
TTL21216
TTL31612
TTL11616
TTL21620
TTL12020
TTL22024
TTL12424
TTL22432
TTL13232



**DKR-90°**

**CODO GAS A 90°**  
**cono 60°**  
**90° BSP SW.ELBOW**  
**60° cone**

CÓDIGO
TTL910302
TTL920304
TTL930402
TTL910404
TTL920406
TTL940408
TTL920504
TTL910506
TTL930508
TTL930604
TTL910606
TTL920608
TTL940806
TTL910808
TTL920810
TTL930812
TTL931008
TTL911010
TTL921012
TTL941208
TTL931210
TTL911212
TTL921216
TTL931612
TTL911616
TTL921620
TTL912020
TTL922024
TTL912424
TTL922432
TTL913232



**DKR-45°**

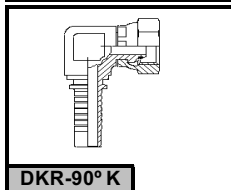
**CODO GAS A 45°**  
**cono 60°**  
**45° BSP SW.ELBOW**  
**60° cone**

CÓDIGO
TTL410302
TTL420304
TTL430402
TTL410404
TTL420406
TTL440408
TTL420504
TTL410506
TTL430508
TTL430604
TTL410606
TTL420608
TTL440806
TTL410808
TTL420810
TTL430812
TTL431008
TTL411010
TTL421012
TTL441208
TTL431210
TTL411212
TTL421216
TTL431612
TTL411616
TTL421620
TTL412020
TTL422024
TTL412424
TTL422432
TTL413232

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	1/4
5/16	8	3/8
3/8	10	3/8
3/8	10	1/2
1/2	13	1/2
5/8	16	5/8
3/4	20	3/4
1	25	1



**DKR-90° K**

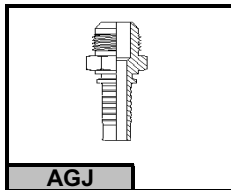
**CODO GAS A 90°**  
**compacto**  
**90° BSP SW. ELBOW**  
**compact**

CÓDIGO
TTLB10404
TTLB10506
TTLB10606
TTLB20608
TTLB10808
TTLB11010
TTLB11212
TTLB11616

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

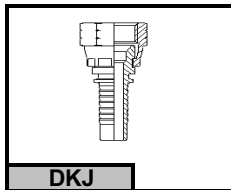
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
3/16	5	7/16
3/16	5	1/2
1/4	6	7/16
1/4	6	1/2
1/4	6	9/16
5/16	8	1/2
5/16	8	9/16
5/16	8	5/8
5/16	8	3/4
3/8	10	9/16
3/8	10	5/8
3/8	10	3/4
3/8	10	7/8
1/2	13	3/4
1/2	13	7/8
1/2	13	1.1/16
5/8	16	7/8
5/8	16	1.1/16
3/4	20	7/8
3/4	20	1.1/16
3/4	20	1.3/16
3/4	20	1.5/16
1	25	1.1/16
1	25	1.5/16
1	25	1.5/8
1.1/4	32	1.5/8
1.1/4	32	1.7/8
1.1/2	40	1.7/8
2	50	2.1/2



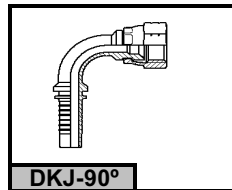
**AGJ**  
**MACHO JIC**  
**cono 74°**  
**JIC MALE**  
**74° cone**

CÓDIGO	
TJM10304	
TJM20305	
TJM10404	
TJM20405	
TJM30406	
TJM20505	
TJM10506	
TJM40507	
TJM30508	
TJM10606	
TJM20607	
TJM30608	
TJM40610	
TJM10808	
TJM20810	
TJM30812	
TJM11010	
TJM21012	
TJM11210	
TJM21212	
TJM31214	
TJM41216	
TJM11612	
TJM21616	
TJM31620	
TJM12020	
TJM22024	
TJM12424	
TJM23232	



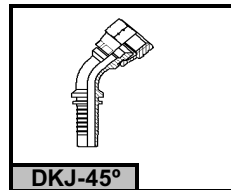
**DKJ**  
**HEMBRA JIC**  
**cono 74°**  
**JIC FEMALE**  
**74° cone**

CÓDIGO	
TJH10304	
TJH20305	
TJH10404	
TJH20405	
TJH30406	
TJH20505	
TJH10506	
TJH40507	
TJH30508	
TJH10606	
TJH20607	
TJH30608	
TJH40610	
TJH10808	
TJH20810	
TJH30812	
TJH11010	
TJH21012	
TJH11210	
TJH21212	
TJH31214	
TJH41216	
TJH11612	
TJH21616	
TJH31620	
TJH12020	
TJH22024	
TJH12424	
TJH13232	



**DKJ-90°**  
**CODO JIC A 90°**  
**cono 74°**  
**90° JIC SW.ELBOW**  
**74° cone**

CÓDIGO	
TJH910304	
TJH920305	
TJH910404	
TJH920405	
TJH930406	
TJH920505	
TJH910506	
TJH940507	
TJH930508	
TJH910606	
TJH920607	
TJH930608	
TJH940610	
TJH910808	
TJH920810	
TJH930812	
TJH911010	
TJH921012	
TJH941210	
TJH911212	
TJH921214	
TJH931216	
TJH911612	
TJH921616	
TJH931620	
TJH912020	
TJH922024	
TJH912424	
TJH913232	



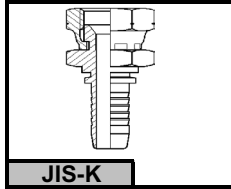
**DKJ-45°**  
**CODO JIC A 45°**  
**cono 74°**  
**45° JIC SW.ELBOW**  
**74° cone**

CÓDIGO	
TJH410304	
TJH420305	
TJH410404	
TJH420405	
TJH430406	
TJH420505	
TJH410506	
TJH440507	
TJH430508	
TJH410606	
TJH420607	
TJH430608	
TJH440610	
TJH410808	
TJH420810	
TJH430812	
TJH411010	
TJH421012	
TJH441210	
TJH411212	
TJH421214	
TJH431216	
TJH411612	
TJH421616	
TJH431620	
TJH412020	
TJH422024	
TJH412424	
TJH413232	

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	M14X1.5
5/16	8	M16X1.5
3/8	10	M14X1.5
3/8	10	M18X1.5
1/2	13	M22X1.5
5/8	16	M24X1.5
3/4	20	M30X1.5
1	25	M33X1.5

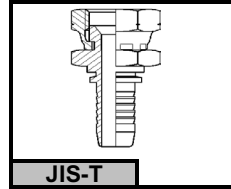


**JIS-K**  
**HEMBRA JIS (K)**  
**cono 60°**  
**JIS FEMALE (K)**  
**60° cone**

CÓDIGO	
TTHM10414	
TTHM10516	
TTHM10614	
TTHM20618	
TTHM10822	
TTHM11024	
TTHM11230	
TTHM11633	

ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	1/4-19
3/8	10	3/8-19
1/2	13	1/2-14
3/4	20	3/4-14
1	25	1-11



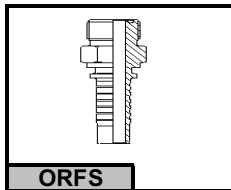
**JIS-T**  
**HEMBRA JIS (T)**  
**cono 60°**  
**JIS FEMALE (T)**  
**60° cone**

CÓDIGO	
TTHC10404	
TTHC10606	
TTHC10808	
TTHC11212	
TTHC11616	

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

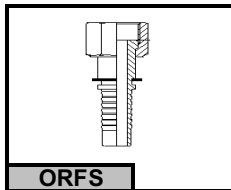
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	9/16
1/4	6	11/16
5/16	8	11/16
3/8	10	11/16
3/8	10	13/16
3/8	10	1
1/2	13	13/16
1/2	13	1
1/2	13	1.3/16
5/8	16	1
5/8	16	1.3/16
3/4	20	1
3/4	20	1.3/16
3/4	20	1.7/16
1	25	1.7/16
1.1/4	32	1.11/16
1.1/2	40	2



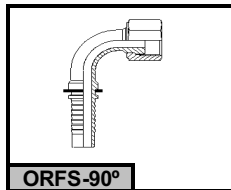
**ORFS**  
**MACHO ORFS**  
**serie plana**  
**ORFS MALE**  
**flat seal**

CÓDIGO	
TORM10406	
TORM20409	
TORM10509	
TORM10609	
TORM20611	
TORM30613	
TORM10811	
TORM20813	
TORM30814	
TORM11013	
TORM21014	
TORM11214	
TORM21215	
TORM11615	
TORM12021	
TORM12432	



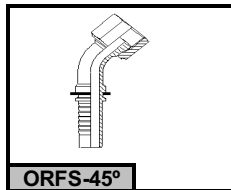
**ORFS**  
**HEMBRA ORFS**  
**serie plana**  
**ORFS FEMALE**  
**flat seal**

CÓDIGO	
TOR10406	
TOR20409	
TOR10509	
TOR10609	
TOR20611	
TOR10811	
TOR20813	
TOR30814	
TOR11013	
TOR21014	
TOR21213	
TOR11214	
TOR31215	
TOR11615	
TOR12021	
TOR12432	



**ORFS-90°**  
**CODO ORFS A 90°**  
**serie plana**  
**90° ORFS SW.ELBOW**  
**flat seal**

CÓDIGO	
TOR910406	
TOR920409	
TOR910509	
TOR910609	
TOR920611	
TOR910811	
TOR920813	
TOR930814	
TOR911013	
TOR921014	
TOR911214	
TOR931215	
TOR911615	
TOR912021	
TOR912432	



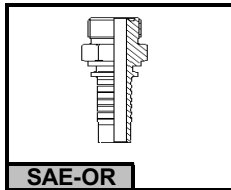
**ORFS-45°**  
**CODO ORFS A 45°**  
**serie plana**  
**45° ORFS SW.ELBOW**  
**flat seal**

CÓDIGO	
TOR410406	
TOR420409	
TOR410509	
TOR410609	
TOR420611	
TOR410811	
TOR420813	
TOR430814	
TOR411013	
TOR421014	
TOR411214	
TOR431215	
TOR411615	
TOR412021	
TOR412432	

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	7/16
1/4	6	1/2
1/4	6	9/16
5/16	8	9/16
3/8	10	9/16
3/8	10	3/4
1/2	13	3/4
1/2	13	7/8
1/2	13	1.1/16
5/8	16	7/8
5/8	16	1.1/16
3/4	20	1.1/16
3/4	20	1.5/16
1	25	1.5/16

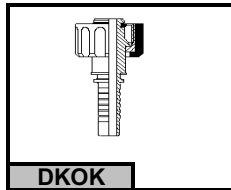


**SAE-OR**  
**MACHO SAE O'R**  
**serie plana**  
**SAE MALE O'R**  
**flat seal**

CÓDIGO	
TJMP10404	
TJMP20405	
TJMP30406	
TJMP10506	
TJMP10606	
TJMP20608	
TJMP10808	
TJMP20810	
TJMP30812	
TJMP11010	
TJMP21012	
TJMP11212	
TJMP21216	
TJMP21616	

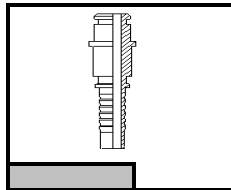
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	M22-1.5
5/16	8	M22-1.5
3/8	10	M22-1.5



**DKOK**  
**HEMBRA KARCHER**  
**tipo K**  
**FEMALE KARCHER**

CÓDIGO	
TTMK10422	
TTMK10522	
TTMK10622	



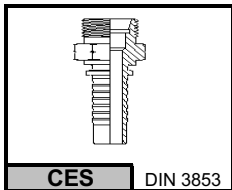
**MACHO KARCHER**  
**tipo K**  
**MALE KARCHER**

CÓDIGO	
TMMK10422	
TMMK10522	

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

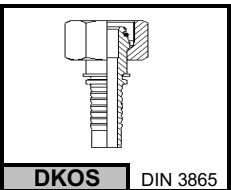
TUBO	DN	ROSCA
3/16	5	M14X1.5-06
3/16	5	M16X1.5-08
1/4	6	M14X1.5-06
1/4	6	M16X1.5-08
1/4	6	M18X1.5-10
1/4	6	M20X1.5-12
5/16	8	M16X1.5-08
5/16	8	M18X1.5-10
5/16	8	M20X1.5-12
3/8	10	M18X1.5-10
3/8	10	M20X1.5-12
3/8	10	M22X1.5-14
1/2	13	M22X1.5-14
1/2	13	M24X1.5-16
5/8	16	M30X2-20
3/4	20	M30X2-20
3/4	20	M36X2-25
1	25	M36X2-25
1	25	M42X2-30
1.1/4	32	M42X2-30
1.1/4	32	M52X2-38
1.1/2	40	M52X2-38



**CES** DIN 3853

**MACHO MÉTRICO**  
cono 24° - S.P.  
**METRIC MALE**  
24° cone - S

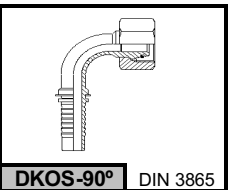
CÓDIGO
TMS060314
TMS080316
TMS060414
TMS080416
TMS100418
TMS120420
TMS080516
TMS100518
TMS120520
TMS100618
TMS120620
TMS140622
TMS140822
TMS160824
TMS201030
TMS201230
TMS251236
TMS251636
TMS301642
TMS302042
TMS382052
TMS382452



**DKOS** DIN 3865

**HEMBRA MÉTRICA**  
cono 24° - S.P.  
**METRIC FEMALE**  
24° cone - S

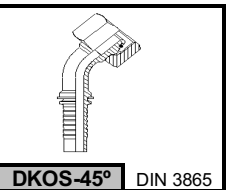
CÓDIGO
TDS20314
TDS10316
TDS30414
TDS10416
TDS20418
TDS40420
TDS20518
TDS10520
TDS30618
TDS10620
TDS20622
TDS30822
TDS10824
TDS11030
TDS21230
TDS11236
TDS21636
TDS11642
TDS22042
TDS12052
TDS22452



**DKOS-90°** DIN 3865

**CODO MÉTRICO 90°**  
cono 24° - S.P.  
**90° MET. SW.ELBOW**  
24° cone - S

CÓDIGO
TDS920314
TDS910316
TDS930414
TDS910416
TDS920418
TDS940420
TDS920518
TDS910520
TDS930618
TDS910620
TDS920622
TDS930822
TDS910824
TDS911030
TDS921230
TDS911236
TDS921636
TDS911642
TDS922042
TDS912052
TDS912452



**DKOS-45°** DIN 3865

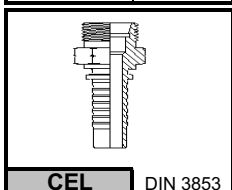
**CODO MÉTRICO 45°**  
cono 24° - S.P.  
**45° MET. SW.ELBOW**  
24° cone - S

CÓDIGO
TDS420314
TDS410316
TDS430414
TDS410416
TDS420418
TDS440420
TDS420518
TDS410520
TDS430618
TDS410620
TDS420622
TDS430822
TDS410824
TDS411030
TDS421230
TDS411236
TDS421636
TDS411642
TDS422042
TDS412052
TDS412452

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

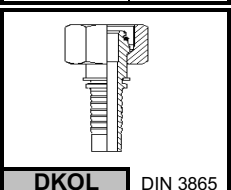
TUBO	DN	ROSCA
3/16	5	M12X1.5-06
3/16	5	M14X1.5-08
1/4	6	M12X1.5-06
1/4	6	M14X1.5-08
1/4	6	M16X1.5-10
1/4	6	M18X1.5-12
5/16	8	M16X1.5-10
5/16	8	M18X1.5-12
3/8	10	M16X1.5-10
3/8	10	M18X1.5-12
3/8	10	M22X1.5-15
1/2	13	M22X1.5-15
1/2	13	M26X1.5-18
1/2	13	M30X2-22
5/8	16	M26X1.5-18
5/8	16	M30X2-22
3/4	20	M26X1.5-18
3/4	20	M30X2-22
3/4	20	M36X2-28
1	25	M36X2-28
1.1/4	32	M45X2-35
1.1/2	40	M52X2-42



**CEL** DIN 3853

**MACHO MÉTRICO**  
cono 24° - S.L.  
**METRIC MALE**  
24° cone - L

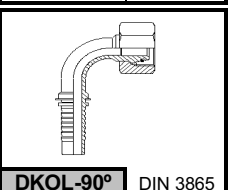
CÓDIGO
TML060312
TML080314
TML060412
TML080414
TML100416
TML120418
TML100516
TML120518
TML100616
TML120618
TML150622
TML150822
TML180826
TML220830
TML181026
TML221030
TML181226
TML221230
TML281236
TML281636
TML352045
TML422452



**DKOL** DIN 3865

**HEMBRA MÉTRICA**  
cono 24° - S.L.  
**METRIC FEMALE**  
24° cone - L

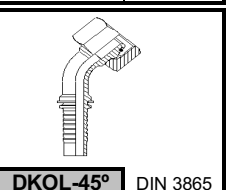
CÓDIGO
TDL10312
TDL20314
TDL30412
TDL10414
TDL20416
TDL40418
TDL10516
TDL20518
TDL10616
TDL20618
TDL30622
TDL10822
TDL20826
TDL11026
TDL21030
TDL21226
TDL11230
TDL11636
TDL12045
TDL12452



**DKOL-90°** DIN 3865

**CODO MÉTRICO 90°**  
cono 24° - S.L.  
**90° MET. SW.ELBOW**  
24° cone - L

CÓDIGO
TDL910312
TDL920314
TDL910412
TDL920414
TDL930416
TDL940418
TDL910516
TDL920518
TDL910616
TDL920618
TDL930622
TDL910822
TDL920826
TDL911026
TDL921030
TDL921226
TDL911230
TDL911636
TDL912045
TDL912452



**DKOL-45°** DIN 3865

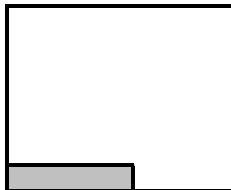
**CODO MÉTRICO 45°**  
cono 24° - S.L.  
**45° MET. SW.ELBOW**  
24° cone - L

CÓDIGO
TDL410312
TDL420314
TDL410412
TDL420414
TDL430416
TDL440418
TDL410516
TDL420518
TDL410616
TDL420618
TDL430622
TDL410822
TDL420826
TDL411026
TDL421030
TDL421226
TDL411230
TDL411636
TDL412045
TDL412452

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

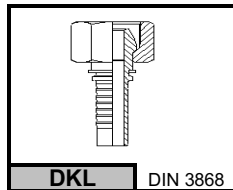
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
3/16	5	M12X1.5-06
1/4	6	M12X1.5-06
1/4	6	M14X1.5-08
1/4	6	M16X1.5-10
5/16	8	M16X1.5-10
5/16	8	M18X1.5-12
3/8	10	M18X1.5-12
3/8	10	M22X1.5-15
1/2	13	M22X1.5-15
5/8	16	M26X1.5-18



CÓDIGO	P.V.P.
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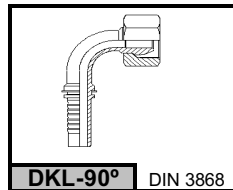
CÓDIGO	P.V.P.
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**DKL** DIN 3868

**HEMBRA MÉTRICA multiserie (24°-60°)**  
**METRIC FEMALE multiseal (24°-60°)**

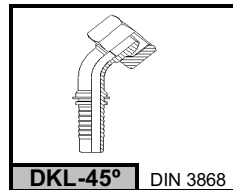
CÓDIGO	P.V.P.
TLM10312	
TLM30412	
TLM10414	
TLM20416	
TLM10516	
TLM20518	
TLM20618	
TLM30622	
TLM10822	
TLM11026	



**DKL-90°** DIN 3868

**CODO MÉTRICO 90° multiserie (24°-60°)**  
**90° MET. SW.ELBOW multiseal (24°-60°)**

CÓDIGO	P.V.P.
TLM930412	
TLM910414	
TLM920416	
TLM910516	
TLM920618	
TLM930622	
TLM910822	
TLM911026	



**DKL-45°** DIN 3868

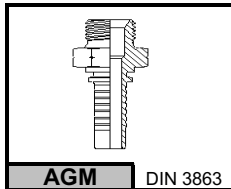
**CODO MÉTRICO 45° multiserie (24°-60°)**  
**45° MET. SW.ELBOW multiseal (24°-60°)**

CÓDIGO	P.V.P.
TLM430412	
TLM410414	
TLM420416	
TLM410516	
TLM420618	
TLM410822	
TLM411026	

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

ø int. tubo	ROSCA
hose I.D.	thread

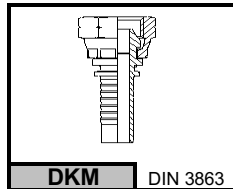
TUBO	DN	ROSCA
3/16	5	M10X1
3/16	5	M12X1.5
1/4	6	M10X1
1/4	6	M12X1.5
1/4	6	M14X1.5
1/4	6	M16X1.5
1/4	6	M18X1.5
5/16	8	M14X1.5
5/16	8	M16X1.5
5/16	8	M18X1.5
3/8	10	M14X1.5
3/8	10	M16X1.5
3/8	10	M18X1.5
3/8	10	M20X1.5
3/8	10	M22X1.5
1/2	13	M18X1.5
1/2	13	M20X1.5
1/2	13	M22X1.5
1/2	13	M24X1.5
1/2	13	M26X1.5
5/8	16	M26X1.5
3/4	20	M26X1.5
3/4	20	M30X1.5
1	25	M38X1.5
1.1/4	32	M45X1.5
1.1/2	40	M52X1.5
2	50	M65X2



**AGM** DIN 3863

**MACHO MÉTRICO cono 60°**  
**METRIC MALE 60° cone**

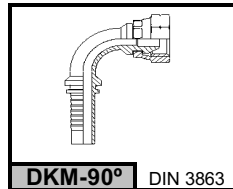
CÓDIGO	P.V.P.
TMM620310	
TMM610312	
TMM630410	
TMM620412	
TMM610414	
TMM640416	
TMM650418	
TMM630514	
TMM610516	
TMM620518	
TMM640614	
TMM610616	
TMM620618	
TMM630620	
TMM640622	
TMM610818	
TMM630820	
TMM620822	
TMM640824	
TMM650826	
TMM611026	
TMM611226	
TMM621230	
TMM611638	
TMM612045	



**DKM** DIN 3863

**HEMBRA MÉTRICA cono 60°**  
**METRIC FEMALE 60° cone**

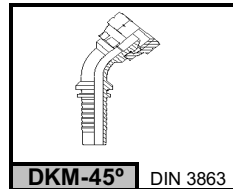
CÓDIGO	P.V.P.
TTM20310	
TTM10312	
TTM40410	
TTM30412	
TTM10414	
TTM20416	
TTM50418	
TTM30514	
TTM10516	
TTM20518	
TTM50614	
TTM10616	
TTM20618	
TTM30620	
TTM40622	
TTM40818	
TTM10820	
TTM20822	
TTM50824	
TTM30826	
TTM11026	
TTM11226	
TTM21230	
TTM11638	
TTM12045	
TTM12452	
TTM13265	85,86



**DKM-90°** DIN 3863

**CODO MÉTRICO 90° cono 60°**  
**90° MET. SW.ELBOW 60° cone**

CÓDIGO	P.V.P.
TTM920310	
TTM910312	
TTM940410	
TTM930412	
TTM910414	
TTM920416	
TTM950418	
TTM930514	
TTM910516	
TTM920518	
TTM950614	
TTM910616	
TTM920618	
TTM930620	
TTM940622	
TTM940818	
TTM910820	
TTM920822	
TTM950824	
TTM930826	
TTM911026	
TTM911226	
TTM921230	
TTM911638	
TTM912045	
TTM912452	



**DKM-45°** DIN 3863

**CODO MÉTRICO 45° cono 60°**  
**45° MET. SW.ELBOW 60° cone**

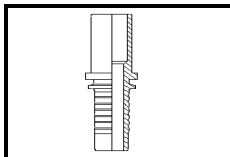
CÓDIGO	P.V.P.
TTM420310	
TTM410312	
TTM440410	
TTM430412	
TTM410414	
TTM420416	
TTM450418	
TTM430514	
TTM410516	
TTM420518	
TTM450614	
TTM410616	
TTM420618	
TTM430620	
TTM440622	
TTM440818	
TTM410820	
TTM420822	
TTM450824	
TTM430826	
TTM411026	
TTM411226	
TTM421230	
TTM411638	
TTM412045	
TTM412452	

**TERMINAL  
STANDARD**

**SWAGE  
COUPLINGS**

ø int. tubo	TUBO
hose I.D.	pipe

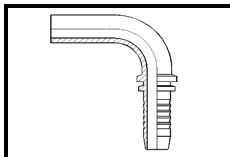
TUBO	DN	TUBO
3/16	5	6
3/16	5	8
1/4	6	6
1/4	6	8
1/4	6	10
1/4	6	12
1/4	6	13.25
5/16	8	10
5/16	8	12
5/16	8	13.25
3/8	10	10
3/8	10	12
3/8	10	13.25
3/8	10	14
3/8	10	15
3/8	10	16.75
1/2	13	12
1/2	13	14
1/2	13	15
1/2	13	16
1/2	13	16.75
1/2	13	18
1/2	13	20
1/2	13	21.25
1/2	13	22
5/8	16	18
5/8	16	20
5/8	16	21.25
5/8	16	22
3/4	20	18
3/4	20	20
3/4	20	21.25
3/4	20	22
3/4	20	25
3/4	20	26.75
3/4	20	28
1	25	25
1	25	28
1	25	30
1	25	33.5
1.1/4	32	30
1.1/4	32	33.5
1.1/4	32	35
1.1/4	32	38
1.1/2	40	38
1.1/2	40	42



**BES-BEL** DIN 2353

**ESPIGA LISA RECTA  
tubo métrico**  
**STRAIGHT STANDPIPE**  
*metric pipe*

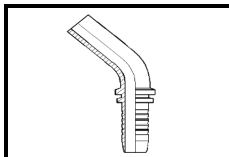
CÓDIGO	
TEL060306	
TEL080308	
TEL060406	
TEL080408	
TEL100410	
TEL120412	
TEL100510	
TEL120512	
TEL100610	
TEL120612	
TEL140614	
TEL150615	
TEL120812	
TEL140814	
TEL150815	
TEL160816	
TEL180818	
TEL200820	
TEL220822	
TEL181018	
TEL201020	
TEL221022	
TEL181218	
TEL201220	
TEL221222	
TEL251225	
TEL281228	
TEL251625	
TEL281628	
TEL301630	
TEL302030	
TEL352035	
TEL382038	
TEL382438	
TEL422442	



**BES-BEL90°** DIN 2353

**ESPIGA LISA 90°  
tubo métrico**  
**90° STANDPIPE**  
*metric pipe*

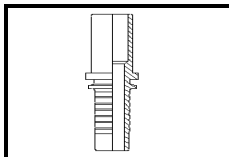
CÓDIGO	
TE9060306	
TE9080308	
TE9060406	
TE9080408	
TE9100410	
TE9120412	
TE9100510	
TE9120512	
TE9100610	
TE9120612	
TE9140614	
TE9150615	
TE9120812	
TE9140814	
TE9150815	
TE9160816	
TE9180818	
TE9181018	
TE9201020	
TE9221022	
TE9181218	
TE9201220	
TE9221222	
TE9251225	
TE9251625	
TE9281628	
TE9301630	
TE9302030	
TE9352035	
TE9382038	
TE9382438	
TE9422442	



**BES-BEL45°** DIN 2353

**ESPIGA LISA 45°  
tubo métrico**  
**45° STANDPIPE**  
*metric pipe*

CÓDIGO	
TE4060306	
TE4080308	
TE4060406	
TE4080408	
TE4100410	
TE4120412	
TE4100510	
TE4120512	
TE4100610	
TE4120612	
TE4140614	
TE4150615	
TE4120812	
TE4140814	
TE4150815	
TE4160816	
TE4180818	
TE4181018	
TE4201020	
TE4221022	
TE4181218	
TE4201220	
TE4221222	
TE4251225	
TE4251625	
TE4281628	
TE4301630	
TE4302030	
TE4352035	
TE4382038	
TE4382438	
TE4422442	



**BEF**

**ESPIGA LISA RECTA  
serie francesa**  
**STRAIGHT STANDPIPE**  
*French type*

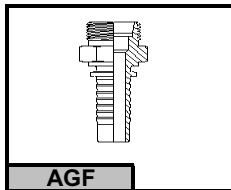
CÓDIGO	
TEG130420	
TEG130520	
TEG130620	
TEG160624	
TEG160824	
TEG210830	
TEG211030	
TEG211230	
TEG261236	
TEG331645	
TEG332045	



**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

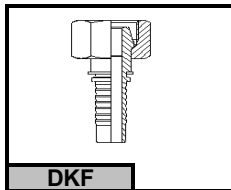
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	M20X1.5-13.25
5/16	8	M18X1.5-12
5/16	8	M20X1.5-13.25
3/8	10	M20X1.5-13.25
3/8	10	M24X1.5-16.75
1/2	13	M24X1.5-16.75
1/2	13	M30X1.5-21.25
5/8	16	M30X1.5-21.25
3/4	20	M30X1.5-21.25
3/4	20	M36X1.5-26.75
1	25	M45X1.5-33.5
1.1/4	32	M45X1.5-33.5



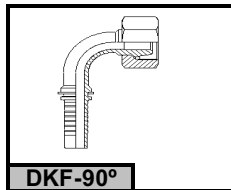
**AGF**  
**MACHO MÉTRICO**  
**serie francesa cono 24°**  
**METRIC MALE**  
**French type 24° cone**

CÓDIGO
TMG130420
TMG120518
TMG130520
TMG130620
TMG160624
TMG160824
TMG210830
TMG211030
TMG211230
TMG261236
TMG331645
TMG332045



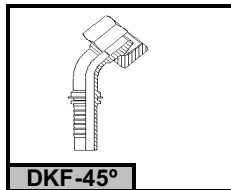
**DKF**  
**HEMBRA MÉTRICA**  
**serie francesa cono 24°**  
**METRIC FEMALE**  
**French type 24° cone**

CÓDIGO
TDG10420
TDG10518
TDG20520
TDG10620
TDG20624
TDG10824
TDG20830
TDG11030
TDG11230
TDG21236
TDG11645
TDG22045



**DKF-90°**  
**CODO MÉTRICO 90°**  
**serie francesa cono 24°**  
**90° MET. SW.ELBOW**  
**French type 24° cone**

CÓDIGO
TDG910420
TDG910518
TDG920520
TDG910620
TDG920624
TDG910824
TDG920830
TDG911030
TDG911230
TDG921236
TDG911645
TDG922045



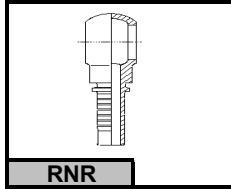
**DKF-45°**  
**CODO MÉTRICO 45°**  
**serie francesa cono 24°**  
**45° MET. SW.ELBOW**  
**French type 24° cone**

CÓDIGO
TDG410420
TDG410518
TDG420520
TDG410620
TDG420624
TDG410824
TDG420830
TDG411030
TDG411230
TDG421236
TDG411645
TDG422045

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

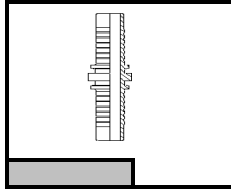
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
3/16	5	1/8
3/16	5	3/16
3/16	5	1/4
1/4	6	1/8
1/4	6	1/4
1/4	6	3/8
1/4	6	1/2
5/16	8	1/4
5/16	8	5/16
5/16	8	3/8
3/8	10	1/4
3/8	10	3/8
3/8	10	1/2
1/2	13	3/8
1/2	13	1/2
1/2	13	5/8
1/2	13	3/4
5/8	16	5/8
5/8	16	3/4
3/4	20	3/4
3/4	20	1
1	25	1
1.1/4	32	1.1/4
1.1/2	40	1.1/2
2	50	2



**RNR**  
**ESFÉRICO GAS**  
**BSP BANJO**

CÓDIGO
TES10302
TES20304
TES30402
TES10404
TES20406
TES40408
TES20504
TES10506
TES30604
TES10606
TES20608
TES20806
TES10808
TES30810
TES40812
TES11010
TES21012
TES11212
TES21216
TES11616
TES12020

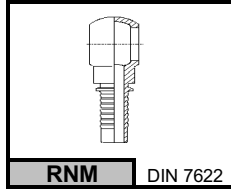


**UNIÓN para tubo flexible**  
**HOSE JUNCTION**

CÓDIGO
TUR03
TUR04
TUR05
TUR06
TUR08
TUR10
TUR12
TUR16
TUR20
TUR24
TUR32

ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
3/16	5	M10
3/16	5	M12
3/16	5	M14
1/4	6	M10
1/4	6	M12
1/4	6	M14
1/4	6	M16
1/4	6	M18
5/16	8	M12
5/16	8	M14
5/16	8	M16
5/16	8	M18
3/8	10	M14
3/8	10	M16
3/8	10	M18
3/8	10	M20
3/8	10	M22
1/2	13	M18
1/2	13	M20
1/2	13	M22
1/2	13	M26
5/8	16	M18
5/8	16	M22
5/8	16	M26
3/4	20	M26
3/4	20	M30
1	25	M30



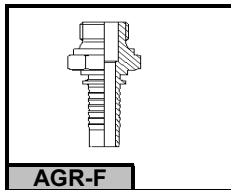
**RNM** DIN 7622  
**ESFÉRICO MÉTRICO**  
**METRIC BANJO**

CÓDIGO
TEM10310
TEM20312
TEM30314
TEM10410
TEM20412
TEM30414
TEM40416
TEM50418
TEM40512
TEM10514
TEM20516
TEM30518
TEM10614
TEM20616
TEM30618
TEM40620
TEM50622
TEM10818
TEM20820
TEM30822
TEM40826
TEM31018
TEM11022
TEM21026
TEM21226
TEM11230
TEM11630

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

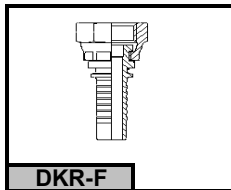
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
3/16	5	1/8
3/16	5	1/4
1/4	6	1/8
1/4	6	1/4
1/4	6	3/8
5/16	8	1/4
5/16	8	3/8
5/16	8	1/2
3/8	10	1/4
3/8	10	5/16
3/8	10	3/8
3/8	10	1/2
1/2	13	3/8
1/2	13	1/2
1/2	13	5/8
1/2	13	3/4
5/8	16	1/2
5/8	16	5/8
5/8	16	3/4
3/4	20	3/4
3/4	20	1
1	25	1
1	25	1.1/4
1.1/4	32	1.1/4
1.1/4	32	1.1/2
1.1/2	40	1.1/2
1.1/2	40	2
2	50	2



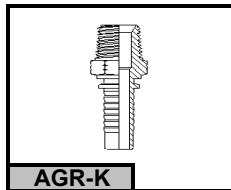
**AGR-F**  
**MACHO GAS serie plana**  
**BSP MALE**  
*flat seal*

CÓDIGO
TM10302
TM10404
TM20406
TM10506
TM10606
TM20608
TM10808
TM30810
TM20812
TM21010
TM11012
TM11212
TM21216
TM11616
TM12020



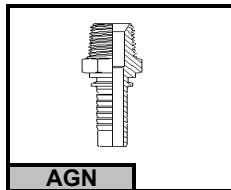
**DKR-F**  
**HEMBRA GAS serie plana**  
**BSP FEMALE**  
*flat face*

CÓDIGO
TLP10404
TLP20406
TLP10506
TLP20508
TLP10606
TLP20608
TLP10808
TLP20810
TLP30812
TLP11010
TLP21012
TLP11212
TLP21216
TLP11616
TLP12020
TLP12424



**AGR-K**  
**MACHO GAS CÓNICO cono 60°**  
**BSP TAPER MALE**  
*60° cone*

CÓDIGO
TMC610302
TMC620304
TMC610402
TMC620404
TMC630406
TMC620504
TMC610506
TMC630604
TMC610606
TMC620608
TMC620806
TMC610808
TMC640812
TMC631008
TMC611012
TMC611212
TMC621216
TMC611616
TMC621620
TMC612020
TMC622024
TMC612424
TMC622432
TMC613232



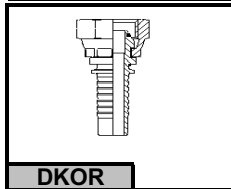
**AGN**  
**MACHO NPTF cono 60°**  
**NPTF MALE**  
*60° cone*

CÓDIGO
TMNP10302
TMNP20304
TMNP30402
TMNP10404
TMNP20406
TMNP20504
TMNP10506
TMNP30508
TMNP10604
TMNP20606
TMNP30608
TMNP20806
TMNP10808
TMNP30812
TMNP21008
TMNP11012
TMNP11212
TMNP21216
TMNP11616
TMNP21620
TMNP12020
TMNP12424
TMNP13232

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**

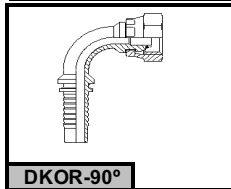
ø int. tubo	ROSCA
hose I.D.	thread

TUBO	DN	ROSCA
1/4	6	1/4
1/4	6	3/8
5/16	8	3/8
3/8	10	3/8
3/8	10	1/2
1/2	13	1/2
1/2	13	5/8
5/8	16	5/8
5/8	16	3/4
3/4	20	3/4
3/4	20	1
1	25	1
1	25	1.1/4
1.1/4	32	1.1/4
1.1/2	40	1.1/2
2	50	2



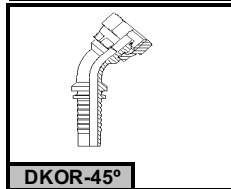
**DKOR**  
**HEMBRA GAS RECTA cono 60° con junta**  
**BSP FEMALE**  
*60° cone o-ring*

CÓDIGO
TOL10404
TOL20406
TOL10506
TOL20606
TOL30608
TOL10808
TOL20810
TOL11010
TOL21012
TOL11212
TOL21216
TOL11616
TOL21620
TOL12020
TOL12424
TOL13232



**DKOR-90°**  
**CODO GAS A 90° cono 60° con junta**  
**90° BSP SW.ELBOW**  
*60° cone o-ring*

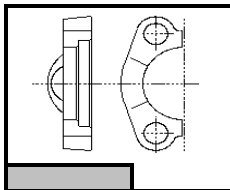
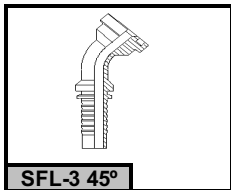
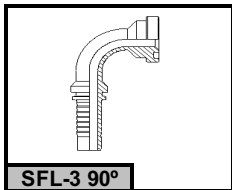
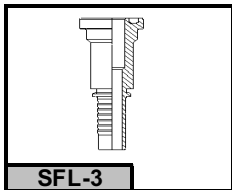
CÓDIGO
TOL910404
TOL920406
TOL910506
TOL910606
TOL920608
TOL910808
TOL920810
TOL911010
TOL921012
TOL911212
TOL921216
TOL911616
TOL921620
TOL912020
TOL912424
TOL913232



**DKOR-45°**  
**CODO GAS A 45° cono 60° con junta**  
**45° BSP SW.ELBOW**  
*60° cone o-ring*

CÓDIGO
TOL410404
TOL420406
TOL410506
TOL410606
TOL420608
TOL410808
TOL420810
TOL411010
TOL421012
TOL411212
TOL421216
TOL411616
TOL421620
TOL412020
TOL412424
TOL413232

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**



ø int. tubo  
hose I.D.

BRIDA  
flange

**SFL-3**

**BRIDA RECTA**  
**SAE 3000**  
**STRAICHT FLANGE**  
**SAE 3000 PSI**

**SFL-3 90°**

**BRIDA A 90°**  
**SAE 3000**  
**90° FLANGE**  
**SAE 3000 PSI**

**SFL-3 45°**

**BRIDA A 45°**  
**SAE 3000**  
**45° FLANGE**  
**SAE 3000 PSI**

**BRIDA PARTIDA**  
**SAE 3000**  
**SPLIT-FLANGES**  
**SAE 3000 PSI**

TUBO	DN	BRIDA
1/2	13	1/2
1/2	13	5/8
1/2	13	3/4
5/8	16	1/2
5/8	16	5/8
5/8	16	3/4
3/4	20	1/2
3/4	20	3/4
3/4	20	1
1	25	3/4
1	25	1
1	25	1.1/4
1.1/4	32	1
1.1/4	32	1.1/4
1.1/4	32	1.1/2
1.1/2	40	1.1/2
1.1/2	40	2
2	50	2
2	50	2.1/2

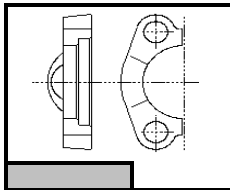
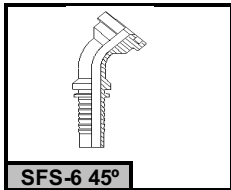
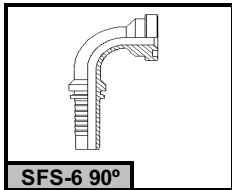
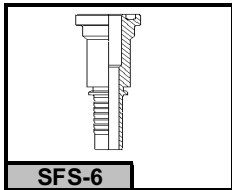
CÓDIGO
TP310808
TP30810
TP320812
TP331008
TP11010
TP321012
TP331208
TP311212
TP321216
TP331612
TP311616
TP321620
TP332016
TP312020
TP322024
TP322424
TP332432
TP313232
TP323240

CÓDIGO
TP3910808
TP930810
TP3920812
TP3931008
TP911010
TP3921012
TP3931208
TP3911212
TP3921216
TP3931612
TP3911616
TP3921620
TP3932016
TP3912020
TP3922024
TP3912424
TP3922432
TP3913232
TP3923240

CÓDIGO
TP3410808
TP430810
TP3420812
TP3431008
TP411010
TP3421012
TP3431208
TP3411212
TP3421216
TP3431612
TP3411616
TP3421620
TP3432016
TP3412020
TP3422024
TP3412424
TP3422432
TP3413232
TP3423240

CÓDIGO
397782
(KOMATSU)
TP3420812
TP3431008
TP411010
TP3421012
TP3431208
TP3411212
TP3421216
TP3431612
TP3411616
TP3421620
TP3432016
TP3412020
TP3422024
TP3412424
TP3422432
TP3413232
TP3423240
397792
397802
397812
397822
397832
397842

**TERMINAL STANDARD**  
**SWAGE COUPLINGS**



ø int. tubo  
hose I.D.

BRIDA  
flange

**SFS-6**

**BRIDA RECTA**  
**SAE 6000**  
**STRAICHT FLANGE**  
**SAE 6000 PSI**

**SFS-6 90°**

**BRIDA A 90°**  
**SAE 6000**  
**90° FLANGE**  
**SAE 6000 PSI**

**SFS-6 45°**

**BRIDA A 45°**  
**SAE 6000**  
**45° FLANGE**  
**SAE 6000 PSI**

**BRIDA PARTIDA**  
**SAE 6000**  
**SPLIT-FLANGES**  
**SAE 6000 PSI**

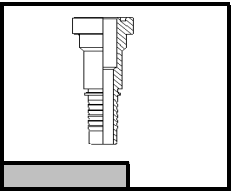
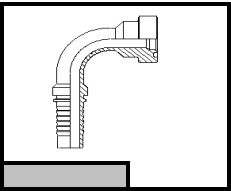
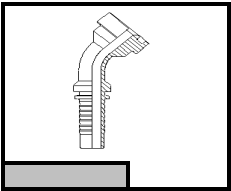
TUBO	DN	BRIDA
1/2	13	1/2
1/2	13	3/4
5/8	16	1/2
5/8	16	3/4
3/4	20	1/2
3/4	20	3/4
3/4	20	1
1	25	3/4
1	25	1
1	25	1.1/4
1.1/4	32	1
1.1/4	32	1.1/4
1.1/4	32	1.1/2
1.1/2	40	1.1/2
1.1/2	40	2
2	50	2

CÓDIGO
TP610808
TP620812
TP631008
TP621012
TP631208
TP611212
TP621216
TP631612
TP611616
TP621620
TP632016
TP612020
TP622024
TP612424
TP622432
TP613232

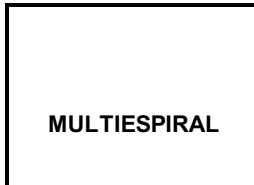
CÓDIGO
TP6910808
TP6920812
TP6931008
TP6921012
TP6931208
TP6911212
TP6921216
TP6931612
TP6911616
TP6921620
TP6932016
TP6912020
TP6922024
TP6912424
TP6922432
TP6913232

CÓDIGO
TP6410808
TP6420812
TP6431008
TP6421012
TP6431208
TP6411212
TP6421216
TP6431612
TP6411616
TP6421620
TP6432016
TP6412020
TP6422024
TP6412424
TP6422432
TP6413232

CÓDIGO
397862
397872
397882
397892
397902
397912

<b>TERMINAL STANDARD</b>  <b>SWAGE COUPLINGS</b>										
ø int. tubo <i>hose I.D.</i>		BRIDA <i>flange</i>	<b>BRIDA RECTA CATERPILLAR</b> <b>STRAICHT FLANGE</b> <b>CAT' 9000 PSI</b>		<b>BRIDA A 90° CATERPILLAR</b> <b>90° FLANGE</b> <b>CAT' 9000 PSI</b>		<b>BRIDA A 45° CATERPILLAR</b> <b>45° FLANGE</b> <b>CAT' 9000 PSI</b>			
TUBO	DN	BRIDA	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	P.V.P.
3/4	20	3/4	TPC11212		TPC911212		TPC411212			
3/4	20	1	TPC21216		TPC921216		TPC421216			
1	25	1	TPC11616		TPC911616		TPC411616			
1	25	1.1/4	TPC21620		TPC921620		TPC421620			
1.1/4	32	1.1/4	TPC12020		TPC912020		TPC412020			
1.1/4	32	1.1/2	TPC22024		TPC922024		TPC422024			
1.1/2	40	1.1/2	TPC12424		TPC912424		TPC412424			

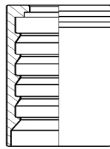
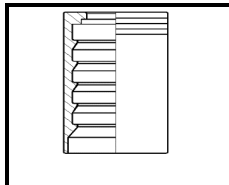
## MULTIESPIRAL



**MULTIESPIRAL**

ø int. tubo
<i>hose I.D.</i>

TUBO	DN
1/4	6
3/8	10
1/2	13
5/8	16
3/4	20
1	25
1.1/4	32
1.1/2	40
2	50

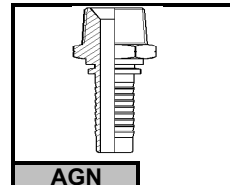


**CASQUILLO  
R9R-4SP-4SH  
FERRULE  
R9R-4SP-4SH**

CÓDIGO
TC0404M
TC0406M
TC0408M
TC0410M
TC0412M
TC0416M
TC0420M
TC0424M
TC0432M

ø int. tubo	ROSCA
<i>hose I.D.</i>	<i>thread</i>

TUBO	DN	ROSCA
1/4	6	1/4
3/8	10	3/8
1/2	13	1/2
3/4	20	3/4
1	25	1



**AGN**

**MACHO NPTF  
NPTF MALE**

CÓDIGO
TMNP10404M
TMNP20606M
TMNP10808M
TMNP11212M
TMNP11616M

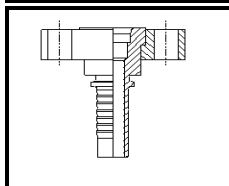


**MULTIESPIRAL**

ø int. tubo	BRIDA
<i>hose I.D.</i>	<i>flange</i>

TUBO	DN	BRIDA
1/2	13	1/2
5/8	16	5/8
3/4	20	3/4
1	25	1
1.1/4	32	1.1/4

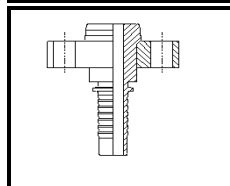
TUBO	DN	BRIDA
1/2	13	1/2
5/8	16	5/8
3/4	20	3/4
1	25	1
1.1/4	32	1.1/4



**BRIDA POCLAIN  
MACHO  
POCLAIN FLANGE  
MALE**

CÓDIGO
TPPM10808M
TPPM11010M
TPPM11212M
TPPM11616M
TPPM12020M

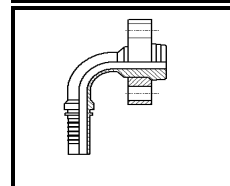
CÓDIGO
TPPM20808M
TPPM21010M
TPPM21212M
TPPM21616M
TPPM22020M



**BRIDA POCLAIN  
RECTA GIRATORIA  
POCLAIN FLANGE  
STRAIGHT SWIVEL**

CÓDIGO
TPPH10808M
TPPH11010M
TPPH11212M
TPPH11616M
TPPH12020M

CÓDIGO
TPPH20808M
TPPH21010M
TPPH21212M
TPPH21616M
TPPH22020M



**BRIDA POCLAIN  
90° GIRATORIA  
POCLAIN FLANGE  
90° SWIVEL**

CÓDIGO
TPP910808M
TPP911010M
TPP911212M
TPP911616M
TPP912020M

CÓDIGO
TPP920808M
TPP921010M
TPP921212M
TPP921616M
TPP922020M

2 agujeros	- 2 holes
2 agujeros	- 2 holes
2 agujeros	- 2 holes
2 agujeros	- 2 holes
2 agujeros	- 2 holes

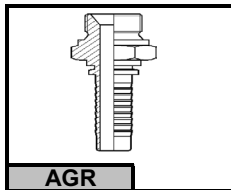
4 agujeros	- 4 holes
4 agujeros	- 4 holes
4 agujeros	- 4 holes
4 agujeros	- 4 holes
4 agujeros	- 4 holes



**MULTIESPIRAL**

ø int. tubo	ROSCA
hose I.D.	thread

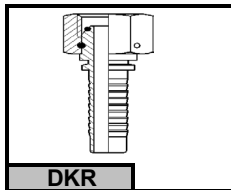
TUBO	DN	ROSCA
1/4	6	1/4
3/8	10	3/8
1/2	13	1/2
5/8	16	5/8
3/4	20	3/4
1	25	1



**AGR**

<b>MACHO GAS CILIND.</b> cono 60° <b>BSP MALE</b> 60° cone
---

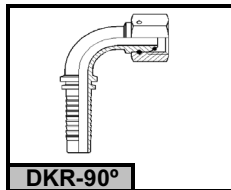
CÓDIGO
TM6020404M
TM6020606M
TM6020808M
TM6011010M
TM6011212M
TM6011616M



**DKR**

<b>HEMBRA GAS RECTA</b> cono 60° <b>BSP FEMALE</b> 60° cone
--

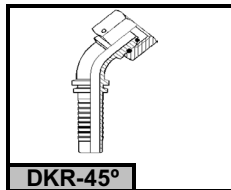
CÓDIGO
TTL10404M
TTL20606M
TTL10808M
TTL11010M
TTL11212M
TTL11616M



**DKR-90°**

<b>CODO GAS A 90°</b> cono 60° <b>90° BSP SW.ELBOW</b> 60° cone
--

CÓDIGO
TTL910404M
TTL910606M
TTL910808M
TTL911010M
TTL911212M
TTL911616M



**DKR-45°**

<b>CODO GAS A 45°</b> cono 60° <b>45° BSP SW.ELBOW</b> 60° cone
--

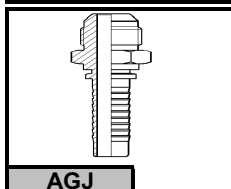
CÓDIGO
TTL410404M
TTL410606M
TTL410808M
TTL411010M
TTL411212M
TTL411616M



**MULTIESPIRAL**

ø int. tubo	ROSCA
hose I.D.	thread

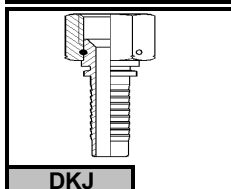
TUBO	DN	ROSCA
1/4	6	7/16
3/8	10	9/16
1/2	13	3/4
1/2	13	7/8
5/8	16	7/8
3/4	20	1.1/16
1	25	1.5/16



**AGJ**

<b>MACHO JIC</b> cono 74° <b>JIC MALE</b> 74° cone
---

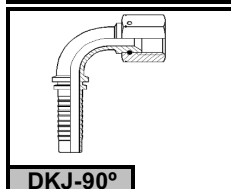
CÓDIGO
TJM10404M
TJM10606M
TJM10808M
TJM20810M
TJM11010M
TJM21212M
TJM21616M



**DKJ**

<b>HEMBRA JIC</b> cono 74° <b>JIC FEMALE</b> 74° cone
--

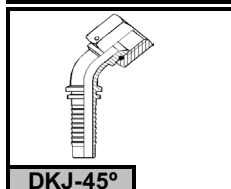
CÓDIGO
TJH10404M
TJH10606M
TJH10808M
TJH20810M
TJH11010M
TJH21212M
TJH21616M



**DKJ-90°**

<b>CODO JIC A 90°</b> cono 74° <b>90° JIC SW.ELBOW</b> 74° cone
--

CÓDIGO
TJH910404M
TJH910606M
TJH910808M
TJH920810M
TJH911010M
TJH911212M
TJH921616M



**DKJ-45°**

<b>CODO JIC A 45°</b> cono 74° <b>45° JIC SW.ELBOW</b> 74° cone
--

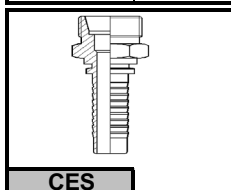
CÓDIGO
TJH410404M
TJH410606M
TJH410808M
TJH420810M
TJH411010M
TJH411212M
TJH421616M



**MULTIESPIRAL**

ø int. tubo	ROSCA
hose I.D.	thread

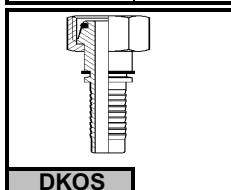
TUBO	DN	ROSCA
1/2	13	M24X1.5-16
5/8	16	M30X2-20
3/4	20	M36X2-25
1	25	M42X2-30



**CES**

<b>MACHO MÉTRICO</b> cono 24° - S.P. <b>METRIC MALE</b> 24° cone - S
---

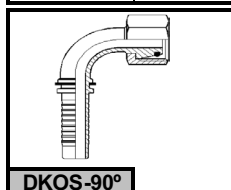
CÓDIGO
TMS160824M
TMS201030M
TMS251236M
TMS301642M



**DKOS**

<b>HEMBRA MÉTRICA</b> cono 24° - S.P. <b>METRIC FEMALE</b> 24° cone - S
--

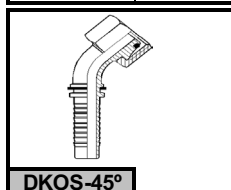
CÓDIGO
TDS10824M
TDS11030M
TDS11236M
TDS11642M



**DKOS-90°**

<b>CODO MÉTRICO 90°</b> cono 24° - S.P. <b>90° MET.SW.ELBOW</b> 24° cone - S
---

CÓDIGO
TDS910824M
TDS911030M
TDS911236M
TDS911642M



**DKOS-45°**

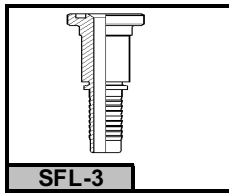
<b>CODO MÉTRICO 45°</b> cono 24° - S.P. <b>45° MET.SW.ELBOW</b> 24° cone - S
---

CÓDIGO
TDS410824M
TDS411030M
TDS411236M
TDS411642M

**MULTIESPIRAL**

ø int. tubo	BRIDA
hose I.D.	flange

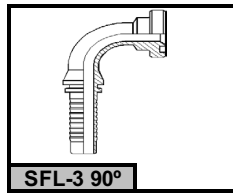
TUBO	DN	BRIDA
1/2	13	1/2
1/2	13	3/4
3/4	20	3/4
3/4	20	1
1	25	1
1	25	1.1/4
1.1/4	32	1.1/4
1.1/4	32	1.1/2
1.1/2	40	1.1/2
2	50	2



**SFL-3**

**BRIDA RECTA  
SAE 3000  
STRAICHT FLANGE  
SAE 3000 PSI**

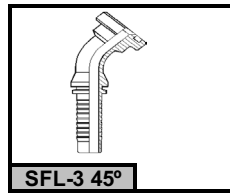
CÓDIGO	
TP310808M	
TP320812M	
TP311212M	
TP321216M	
TP311616M	
TP321620M	
TP312020M	
TP322024M	
TP322424M	
TP313232M	



**SFL-3 90°**

**BRIDA A 90°  
SAE 3000  
90° FLANGE  
SAE 3000 PSI**

CÓDIGO	
TP3910808M	
TP3920812M	
TP3911212M	
TP3921216M	
TP3911616M	
TP3921620M	
TP3912020M	
TP3922024M	
TP3912424M	
TP3913232M	



**SFL-3 45°**

**BRIDA A45°  
SAE 3000  
45° FLANGE  
SAE 3000 PSI**

CÓDIGO	
TP3410808M	
TP3420812M	
TP3411212M	
TP3421216M	
TP3411616M	
TP3421620M	
TP3412020M	
TP3422024M	
TP3412424M	
TP3413232M	

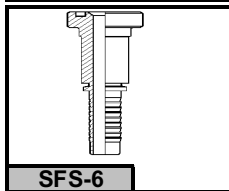


CÓDIGO	P.V.P.

**MULTIESPIRAL**

ø int. tubo	BRIDA
hose I.D.	flange

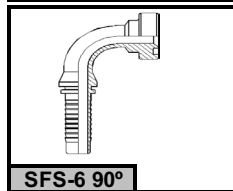
TUBO	DN	BRIDA
1/2	13	1/2
1/2	13	3/4
3/4	20	3/4
3/4	20	1
1	25	1
1	25	1.1/4
1.1/4	32	1.1/4
1.1/4	32	1.1/2
1.1/2	40	1.1/2
2	50	2



**SFS-6**

**BRIDA RECTA  
SAE 6000  
STRAICHT FLANGE  
SAE 6000 PSI**

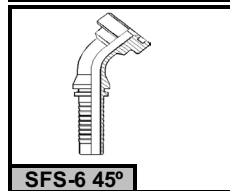
CÓDIGO	
TP610808M	
TP620812M	
TP611212M	
TP621216M	
TP611616M	
TP621620M	
TP612020M	
TP622024M	
TP612424M	
TP613232M	



**SFS-6 90°**

**BRIDA A 90°  
SAE 6000  
90° FLANGE  
SAE 6000 PSI**

CÓDIGO	
TP6910808M	
TP6920812M	
TP6911212M	
TP6921216M	
TP6911616M	
TP6921620M	
TP6912020M	
TP6922024M	
TP6912424M	
TP6913232M	



**SFS-6 45°**

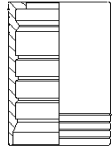
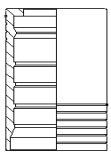
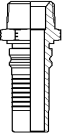
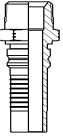
**BRIDA A45°  
SAE 6000  
45° FLANGE  
SAE 6000 PSI**

CÓDIGO	
TP6410808M	
TP6420812M	
TP6411212M	
TP6421216M	
TP6411616M	
TP6421620M	
TP6412020M	
TP6422024M	
TP6412424M	
TP6413232M	



CÓDIGO	P.V.P.

## INTER-LOCK

<b>INTER-LOCK</b>								
ø int. tubo <i>hose I.D.</i>			<b>CASQUILLO 4SH FERRULE 4SH</b>			<b>CASQUILLO R13 FERRULE R13</b>		
TUBO		DN	CÓDIGO			CÓDIGO		
3/4		20	TC4H12K			TC1312K		
1		25	TC4H16K			TC1316K		
1.1/4		32	TC4H20K			TC1320K		
1.1/2		40	TC4H24K			TC1324K		
2		50	TC4H32K			TC1332K		
<b>INTER-LOCK</b>								
ø int. tubo <i>hose I.D.</i>		ROSCA <i>thread</i>	<b>AGR-K</b>			<b>AGN</b>		
			<b>MACHO GAS CÓNICO cono 60° BSP TAPER MALE 60° cone</b>			<b>MACHO NPTF cono 60° NPTF MALE 60° cone</b>		
TUBO	DN	ROSCA	CÓDIGO			CÓDIGO		
3/4	20	3/4	TMC611212K			TMNP11212K		
3/4	20	1				TMNP21216K		
1	25	1	TMC611616K			TMNP11616K		
1	25	1.1/4				TMNP21620K		
1.1/4	32	1.1/4	TMC612020K			TMNP12020K		
1.1/4	32	1.1/2				TMNP22024K		
1.1/2	40	1.1/2	TMC612424K			TMNP12424K		
2	50	2	TMC613232K			TMNP13232K		

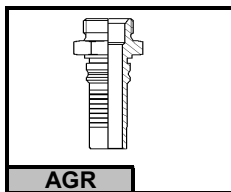




**INTER-LOCK**

ø int. tubo	ROSCA
hose I.D.	thread

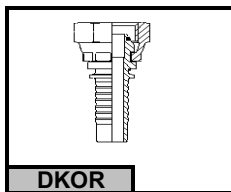
TUBO	DN	ROSCA
3/4	20	3/4
1	25	1
1	25	1.1/4
1.1/4	32	1.1/4
1.1/2	40	1.1/2
2	50	2



**AGR**

<b>MACHO GAS CILIND.</b> cono 60° <b>BSP MALE</b> 60° cone
---

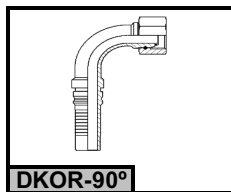
CÓDIGO
TM6011212K
TM6011616K
TM6021620K
TM6012020K
TM6012424K
TM6013232K



**DKOR**

<b>HEMBRA GAS RECTA</b> cono 60° con junta <b>BSP FEMALE</b> 60° cone o-ring
---

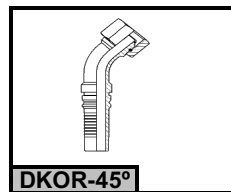
CÓDIGO
TOL11212K
TOL11616K
TOL21620K
TOL12020K
TOL12424K
TOL13232K



**DKOR-90°**

<b>CURVA GAS 90°</b> cono 60° con junta <b>90° BSP SW.ELBOW</b> 60° cone o-ring
--

CÓDIGO
TOL911212K
TOL911616K
TOL921620K
TOL912020K
TOL912424K
TOL913232K



**DKOR-45°**

<b>CURVA GAS 45°</b> cono 60° con junta <b>45° BSP SW.ELBOW</b> 60° cone o-ring
--

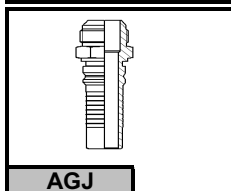
CÓDIGO
TOL411212K
TOL411616K
TOL421620K
TOL412020K
TOL412424K
TOL413232K



**INTER-LOCK**

ø int. tubo	ROSCA
hose I.D.	thread

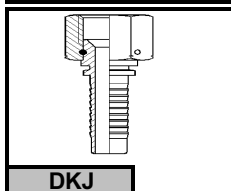
TUBO	DN	ROSCA
3/4	20	1.1/16
3/4	20	1.3/16
3/4	20	1.5/16
1	25	1.5/16
1	25	1.5/8
1.1/4	32	1.5/8
1.1/4	32	1.7/8
1.1/2	40	1.7/8
2	50	2.1/2



**AGJ**

<b>MACHO JIC</b> cono 74° <b>JIC MALE</b> 74° cone
---

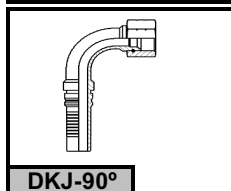
CÓDIGO
TJM21212K
TJM31214K
TJM41216K
TJM21616K
TJM31620K
TJM12020K
TJM22024K
TJM12424K
TJM23232K



**DKJ**

<b>HEMBRA JIC</b> cono 74° <b>JIC FEMALE</b> 74° cone
--

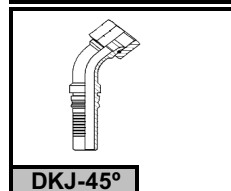
CÓDIGO
TJH21212K
TJH31214K
TJH41216K
TJH21616K
TJH31620K
TJH12020K
TJH22024K
TJH12424K
TJH13232K



**DKJ-90°**

<b>CODO JIC A 90°</b> cono 74° <b>90° JIC SW.ELBOW</b> 74° cone
--

CÓDIGO
TJH911212K
TJH921214K
TJH931216K
TJH921616K
TJH931620K
TJH912020K
TJH922024K
TJH912424K
TJH913232K



**DKJ-45°**

<b>CODO JIC A 90°</b> cono 74° <b>45° JIC SW.ELBOW</b> 74° cone
--

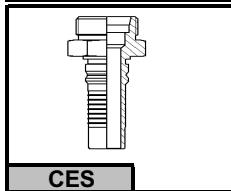
CÓDIGO
TJH411212K
TJH421214K
TJH431216K
TJH421616K
TJH431620K
TJH412020K
TJH422024K
TJH412424K
TJH413232K



**INTER-LOCK**

ø int. tubo	ROSCA
hose I.D.	thread

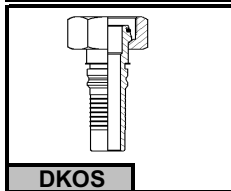
TUBO	DN	ROSCA
3/4	20	M30X2-20
3/4	20	M36X2-25
1	25	M36X2-25
1	25	M42X2-30
1.1/4	32	M42X2-30
1.1/4	32	M52X2-38
1.1/2	40	M52X2-38



**CES**

<b>MACHO MÉTRICO</b> cono 24° - S.P. <b>MERTIC MALE</b> 24° cone - S
---

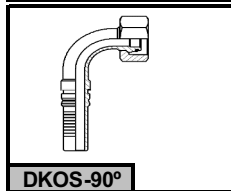
CÓDIGO
TMS201230K
TMS251236K
TMS251636K
TMS301642K
TMS302042K
TMS382052K
TMS382452K



**DKOS**

<b>HEMBRA MÉTRICA</b> cono 24° - S.P. <b>METRIC FEMALE</b> 24° cone - S
--

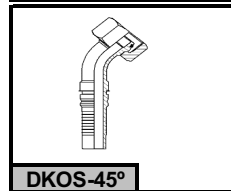
CÓDIGO
TDS21230K
TDS11236K
TDS21636K
TDS11642K
TDS22042K
TDS12052K
TDS22452K



**DKOS-90°**

<b>CODO MÉTRICO 90°</b> cono 24° - S.P. <b>90° MET.SW.ELBOW</b> 24° cone - S
---

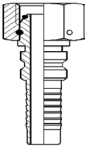
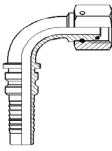
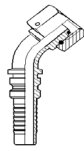
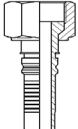
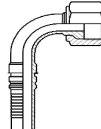
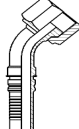
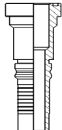
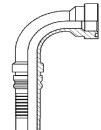
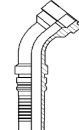
CÓDIGO
TDS921230K
TDS911236K
TDS921636K
TDS911642K
TDS922042K
TDS912052K
TDS912452K

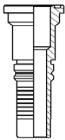
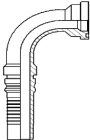
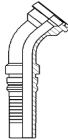
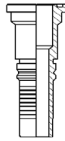
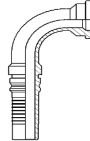
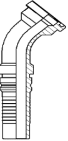


**DKOS-45°**

<b>CODO MÉTRICO 45°</b> cono 24° - S.P. <b>45° MET.SW.ELBOW</b> 24° cone - S
---

CÓDIGO
TDS421230K
TDS411236K
TDS421636K
TDS411642K
TDS422042K
TDS412052K
TDS412452K

<b>INTER-LOCK</b>						
			<b>DKR</b>	<b>DKR-90°</b>	<b>DKR-45°</b>	
ø int. tubo	ROSCA		<b>HEMBRA GAS RECTA cono 60° BSP FEMALE 60° cone</b>			
hose I.D.	thread					
TUBO	DN	ROSCA	CÓDIGO		CÓDIGO	P.V.P.
3/4	20	3/4	TTL11212K		TTL411212K	
1	25	1	TTL11616K		TTL411616K	
1.1/4	32	1.1/4	TTL12020K		TTL412020K	
1.1/2	40	1.1/2	TTL12424K		TTL412424K	
2	50	2	TTL13232K		TTL413232K	
<b>INTER-LOCK</b>						
			<b>ORFS</b>	<b>ORFS-90°</b>	<b>ORFS-45°</b>	
ø int. tubo	ROSCA		<b>HEMBRA ORFS serie plana ORFS FEMALE fiat seal</b>			
hose I.D.	thread					
TUBO	DN	ROSCA	CÓDIGO		CÓDIGO	P.V.P.
3/4	20	1.3/16	36,2152		TOR411214K	
1	25	1.7/16	45,38065		TOR411615K	
1.1/4	32	1.11/16	52,66835		TOR412021K	
1.1/2	40	2	60,794		TOR412432K	
<b>INTER-LOCK</b>						
			<b>TPC</b>	<b>TPC-90°</b>	<b>TPC-45°</b>	
ø int. tubo	BRIDA		<b>BRIDA RECTA CATERPILLAR STRAIGHT FLANGE CAT' 9000 PSI</b>			
hose I.D.	flange					
TUBO	DN	BRIDA	CÓDIGO		CÓDIGO	P.V.P.
3/4	20	3/4	TPC11212K		TPC411212K	
3/4	20	1	TPC21216K		TPC421216K	
1	25	1	TPC11616K		TPC411616K	
1	25	1.1/4	TPC21620K		TPC421620K	
1.1/4	32	1.1/4	TPC12020K		TPC412020K	
1.1/4	32	1.1/2	TPC22024K		TPC422024K	
1.1/2	40	1.1/2	TPC12424K		TPC412424K	

<b>INTER-LOCK</b>										
			<b>SFL-3</b>		<b>SFL-3 90°</b>		<b>SFL-3 45°</b>			
ø int. tubo		BRIDA	<b>BRIDA RECTA</b> <b>SAE 3000</b> <b>STRAICHT FLANGE</b> <b>SAE 3000 PSI</b>		<b>BRIDA A 90°</b> <b>SAE 3000</b> <b>90° FLANGE</b> <b>SAE 3000 PSI</b>		<b>BRIDA A 45°</b> <b>SAE 3000</b> <b>45° FLANGE</b> <b>SAE 3000 PSI</b>			
hose I.D.		flange								
TUBO	DN	BRIDA	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	P.V.P.
3/4	20	3/4	TP311212K		TP3911212K		TP3411212K			
3/4	20	1	TP321216K		TP3921216K		TP3421216K			
1	25	3/4	TP331612K		TP3931612K		TP3431612K			
1	25	1	TP311616K		TP3911616K		TP3411616K			
1	25	1.1/4	TP321620K		TP3921620K		TP3421620K			
1.1/4	32	1.1/4	TP312020K		TP3912020K		TP3412020K			
1.1/4	32	1.1/2	TP322024K		TP3922024K		TP3422024K			
1.1/2	40	1.1/2	TP322424K		TP3912424K		TP3412424K			
1.1/2	40	2	TP332432K		TP3922432K		TP3422432K			
2	50	2	TP313232K		TP3913232K		TP3413232K			
<b>INTER-LOCK</b>										
			<b>SFS-6</b>		<b>SFS-6 90°</b>		<b>SFS-6 45°</b>			
ø int. tubo		BRIDA	<b>BRIDA RECTA</b> <b>SAE 6000</b> <b>STRAICHT FLANGE</b> <b>SAE 6000 PSI</b>		<b>BRIDA A 90°</b> <b>SAE 6000</b> <b>90° FLANGE</b> <b>SAE 6000 PSI</b>		<b>BRIDA A 45°</b> <b>SAE 6000</b> <b>45° FLANGE</b> <b>SAE 6000 PSI</b>			
hose I.D.		flange								
TUBO	DN	BRIDA	CÓDIGO		CÓDIGO		CÓDIGO	P.V.P.	CÓDIGO	P.V.P.
3/4	20	3/4	TP611212K		TP6911212K		TP6411212K			
3/4	20	1	TP621216K		TP6921216K		TP6421216K			
1	25	3/4	TP631612K		TP6931612K		TP6431612K			
1	25	1	TP611616K		TP6911616K		TP6411616K			
1	25	1.1/4	TP621620K		TP6921620K		TP6421620K			
1.1/4	32	1.1/4	TP612020K		TP6912020K		TP6412020K			
1.1/4	32	1.1/2	TP622024K		TP6922024K		TP6422024K			
1.1/2	40	1.1/2	TP612424K		TP6912424K		TP6412424K			
1.1/2	40	2	TP622432K		TP6922432K		TP6422432K			
2	50	2	TP613232K		TP6913232K		TP6413232K			

## MANGUERA HIDRÁULICA EN ROLLOS PRECIO DE VENTA NETO POR METRO

MANGUERA HIDRÁULICA			1ST		1SN		2ST		2SN	
ø tubo ø hose			R1A T4809**		R1AT T4809**T		R2A T4909**		R2AT T4909**T	
TUBO	Galga	DN	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	
3/16	3	5	T480905		T480905T		T490906		T490905T	
1/4	4	6	T480906		T480906T		T490908		T490906T	
5/16	5	8	T480908		T480908T		T490910		T490908T	
3/8	6	10	T480910		T480910T		T490913		T490910T	
1/2	8	13	T480913		T480913T		T490916		T490913T	
5/8	10	16	T480916		T480916T		T490920		T490916T	
3/4	12	20	T480920		T480920T		T490925		T490920T	
1	16	25	T480925		T480925T		T490932		T490925T	
1.1/4	20	32	T480932		T480932T		T490940		T490932T	
1.1/2	24	40	T480940		T480940T		T490950		T490940T	
2	32	50	T480950		T480950T				T490950T	

MANGUERA HIDRÁULICA			4SP		4SH		R12		R13	
ø tubo ø hose			R9R T4972**		T4973**		CATERPILLAR T4012**		T4013**	
TUBO	Galga	DN	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	
3/16	3	5	T497206						T401306	
1/4	4	6	T497210				T401210		T401310	
5/16	5	8	T497213				T401213		T401313	
3/8	6	10	T497216				T401220		T401320	
1/2	8	13	T497216				T401225		T401325	
5/8	10	16	T497220		T497320		T401232		T401332	
3/4	12	20	T497225		T497325		T401240		T401340	
1	16	25	T497232		T497332		T401250		T401350	
1.1/4	20	32	T497240		T497340					
1.1/2	24	40	T497250		T497350					
2	32	50								

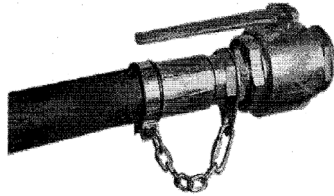
  

MANGUERA HIDRÁULICA			R5		R7		R7 =		1SH	
ø tubo ø hose			T4005**		T4007**		PARALELO T4027**		R8 1 MALLA T4008**	
TUBO	Galga	DN	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	
3/16	3	5	T400506		T400705		T402705		T400805	
1/4	4	6	T400508		T400706		T402706		T400806	
5/16	5	8	T400510		T400708		T402708		T400808	
3/8	6	10	T400513		T400710		T402710		T400810	
1/2	8	13	T400516		T400713		T402713		T400813	
5/8	10	16	T400520		T400716				T400816	
3/4	12	20	T400525		T400720				T400820	
1	16	25			T400725				T400825	
1.1/4	20	32								
1.1/2	24	40								
2	32	50								



## COMPONENTES DE RETENCIÓN PARA MANGUERAS DE ALTA PRESIÓN

# STOPFLEX



Los componentes Stopflex son una contribución substancial a la seguridad para las aplicaciones de manguera de alta presión.

Un uso apropiado de las diversas piezas, limita todos los riesgos de una posible desconexión de la manguera una vez montada.

Además los elementos Stopflex cumplen en la norma europea EN 982 que es la que regula este tema.

Se tiene que utilizar un sistema de retención siempre que se utilice manguera de alta presión sobre todo si no se utiliza ningún otro sistema de protección.

Stopflex es adecuado para cualquier tipo de latiguillo, es fácil y económico.

Una junta especial montada Stopflex permite que la manguera se adapte perfectamente a la banda del la abrazadera, bloqueando el conjunto perfectamente.

Stopflex no precisa de ningún premontaje en la manguera.

Se suministra con accesorios para su instalación en racores, bridas SAE o varias partes de las maquinas.

### Instrucciones de uso

Stopflex incluye las siguientes piezas:

1. Una abrazadera que se fijará a la manguera.
2. Diversas placas de retención en función de donde deban ir fijadas.
3. Cadena ó cable que sujeta el flexible en caso de desconexión.
4. Mosquetón para la conexión de la cadena ó cable a la placa de retención

El ensamblaje correcto de Stopflex debe ser según se indica en las figuras A y B.

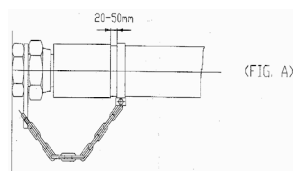
Esto asegura que en caso de rotura el líquido fluya sin producir efecto latigazo.

No obstante el usuario debe considerar cuidadosamente los componentes a aplicar en función de la presión.

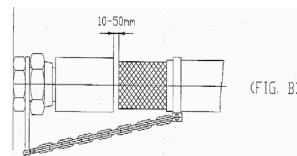
VOSS no se hace responsable de cualquier daño a personas o cosas causadas

por cualquier circunstancia donde se haya utilizado Stopflex.

POSICIÓN MONTADA  
(ENSAMBLAJE CORRECTO)



POSICIÓN EN DESCONEXIÓN



(Estas especificaciones pueden variar sin previo aviso.)

## COMPONENTES

MOSQUETÓN



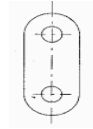
PLACA DE  
RETENCIÓN



PLACA DE RETENCIÓN  
PARA BRIDA O  
SEMIBRIDA



PLACA DE RETENCIÓN  
PARA USOS VARIOS



ABRAZADERA  
STOPFLEX



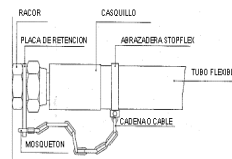
ESLINGAS



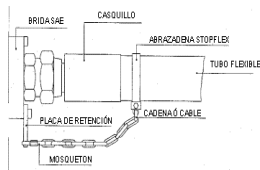
CADENA



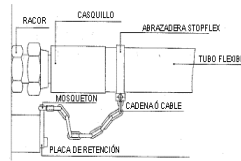
EJEMPLO DE USO EN TERMINALES Y RACORES



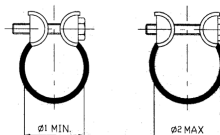
EJEMPLO PARA USO EN BRIDA SAE



EJEMPLO DE APICACIÓN EN SOPORTES O MAQUINARIA



## ABRAZADERA STOPFLEX

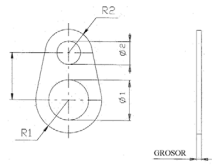


Código	mínimo Ø mm	máximo Ø mm	Cantidad por caja	
STOPFA2224	18	20	20	
STOPFA2527	21	23	20	
STOPFA2830	24	26	20	
STOPFA3133	27	29	20	
STOPFA3436	30	32	15	
STOPFA4043	36	39	15	
STOPFA4447	40	43	15	
STOPFA4851	44	47	15	
STOPFA2485	44	47	10	
STOPFA5255	48	51	10	
STOPFA5660	52	56	10	
STOPFA6165	57	61	10	
STOPFA6670	62	66	10	
STOPFA7177	67	73	10	
STOPFA7682	72	78	10	

Atención: Los diámetros indicados son meramente indicativos, cuando se instalan las abrazaderas estos pueden variar ligeramente.

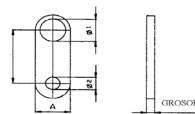
(Estas especificaciones pueden variar sin previo aviso.)

## PIEZAS DE RETENCIÓN PARA ROSCAS DIN 2353



Código	Ø 1 mm	Ø 2 mm	R1 mm	R2 mm	l mm	Grosor mm	Cantidad por caja	
STOPDIN145	14.5	10	15	10	22	2.5	20	
STOPDIN17	17	10	15	10	22	2.5	20	
STOPDIN185	18.5	10	15	10	22	2.5	20	
STOPDIN205	20.5	10	15	10	22	2.5	20	
STOPDIN225	22.5	10	19	10	28	2.5	20	
STOPDIN245	24.5	10	19	10	28	2.5	20	
STOPDIN265	26.5	10	19	10	28	2.5	15	
STOPDIN305	30.5	12	25	15	35	3	15	
STOPDIN34	34	12	25	15	35	3	15	
STOPDIN365	36.5	12	25	15	35	3	15	
STOPDIN425	42.5	12	34	15	50	3	10	
STOPDIN455	45.5	12	34	15	50	3	10	
STOPDIN49	49	12	34	15	50	3	10	
STOPDIN525	52.5	12	40	15	50	3	10	
STOPDIN60	60	12	40	15	50	3	10	

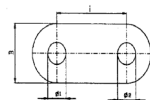
## PLACA DE RETENCIÓN PARA BRIDAS SAE 3000 Y 6000



Código	Ø 1 mm	Ø 2 mm	A mm	l mm	Grosor mm	Cantidad por caja	
STOPSAE085	8.5	7	12	25	4	15	
STOPSAE105	10.5	9	15	25	4	20	
STOPSAE125	12.5	10	17	30	4	20	
STOPSAE145	14.5	10	20	35	4	5	
STOPSAE165	16.5	10	23	35	4	5	
STOPSAE205	20.5	12	29	37	4	5	

## PLACA DE RETENCIÓN PARA USOS VARIOS

(Normalmente para asegurar en bancadas ó soportes, si es necesario el usuario puede doblar la placa según sus necesidades)

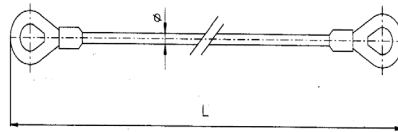


Código	Ø 1 mm	Ø 2 mm	A mm	l mm	Grosor mm	Cantidad por caja	
STOPVARIE	13	13	50	35	4	10	

(Estas especificaciones pueden variar sin previo aviso.)

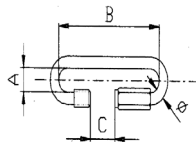


## CABLE



Código	Ø mm	Longitudes mm	Cantidad por caja	
STOPFU3150	3	150	5	
STOPFU4150	4	150	5	
STOPFU5200	5	200	5	
STOPFU5250	5	250	5	

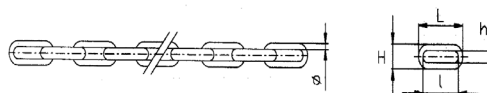
## MOSQUETÓN



Código	Alambre Ø mm	A mm	B mm	C mm	Cantidad por caja	
STOPMR4Z	4	11	31.5	5.5	20	
STOPMR5Z	5	12	38	6.5	15	
STOPMR6Z	6	14	45	7.5	15	
STOPMR7Z	7	16	52	8	10	

## CADENA

(Los tramos de cadena se suministran es longitudes mínimas de 10 mts y tratamiento superficial de protección)



Código	Alambre Ø mm	L x H mm	l x h mm		Cantidad por caja	
STOPCAT17	3	25x13	19x7		10	
STOPCAT20	4.5	30x17.5	22x8.5		10	
STOPCAT21	5	33x19.5	23x9.5		10	
STOPCAT22	5.5	38x21	27x10		10	

(Estas especificaciones pueden variar sin previo aviso.)

## MANGUERA HIDRÁULICA PRECIO DE VENTA PARA FLEXIBLES MONTADOS

MANGUERA HIDRÁULICA			1ST		1SN		2ST		2SN	
ø tubo ø hose			R1A T4809**		R1AT T4809**T		R2A T4909**		R2AT T4909**T	
TUBO	Galga	DN	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	
3/16	3	5	T480905		T480905T		T490906		T490905T	
1/4	4	6	T480906		T480906T		T490908		T490906T	
5/16	5	8	T480908		T480908T		T490910		T490908T	
3/8	6	10	T480910		T480910T		T490913		T490910T	
1/2	8	13	T480913		T480913T		T490916		T490913T	
5/8	10	16	T480916		T480916T		T490920		T490916T	
3/4	12	20	T480920		T480920T		T490925		T490920T	
1	16	25	T480925		T480925T		T490932		T490925T	
1.1/4	20	32	T480932		T480932T		T490940		T490932T	
1.1/2	24	40	T480940		T480940T		T490950		T490940T	
2	32	50	T480950		T480950T				T490950T	

MANGUERA HIDRÁULICA			4SP		4SH		R12		R13	
ø tubo ø hose			R9R T4972**		T4973**		CATERPILLAR T4012**		T4013**	
TUBO	Galga	DN	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	
3/16	3	5	T497206				T401210		T401306	
1/4	4	6	T497210				T401213		T401310	
5/16	5	8	T497213				T401220		T401313	
3/8	6	10	T497216				T401225		T401320	
1/2	8	13	T497220		T497320		T401232		T401325	
5/8	10	16	T497225		T497325		T401240		T401332	
3/4	12	20	T497232		T497332		T401250		T401340	
1	16	25	T497240		T497340				T401350	
1.1/4	20	32	T497250		T497350	105,46				
1.1/2	24	40								
2	32	50								

MANGUERA HIDRÁULICA			R5		R7		R7 =		1SH	
ø tubo ø hose			T4005**		T4007**		PARALELO T4027**		R8 1 MALLA T4008**	
TUBO	Galga	DN	CÓDIGO		CÓDIGO		CÓDIGO		CÓDIGO	
3/16	3	5	T400506		T400705		T402705		T400805	
1/4	4	6	T400508		T400706		T402706		T400806	
5/16	5	8	T400510		T400708		T402708		T400808	
3/8	6	10	T400513		T400710		T402710		T400810	
1/2	8	13	T400516		T400713		T402713		T400813	
5/8	10	16	T400520		T400716				T400816	
3/4	12	20	T400525		T400720				T400820	
1	16	25			T400725				T400825	
1.1/4	20	32								
1.1/2	24	40								
2	32	50								



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