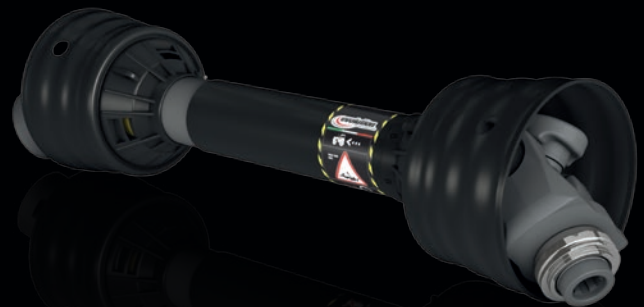


BENZI 

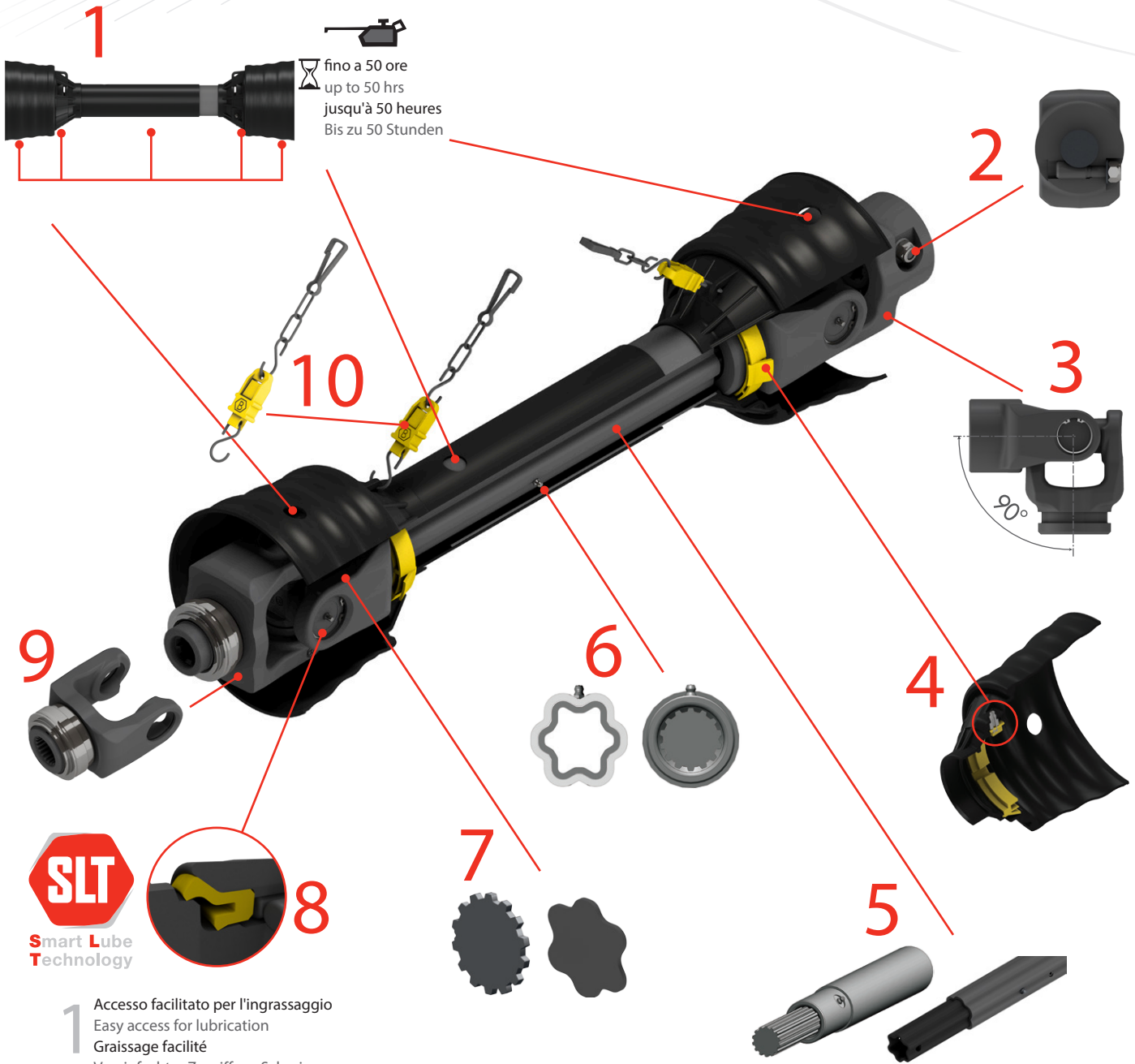


**Alberi cardanici
PTO drive shafts
Transmissions a cardans
Gelenkwellen**



evolution
HIGH PERFORMANCE SERIES

Alberi cardanici Serie V
PTO drive shafts Series V
Transmissions Série V
Gelenkwellen Serie V



fino a 50 ore
 up to 50 hrs
 jusqu'à 50 heures
 Bis zu 50 Stunden



1 Accesso facilitato per l'ingrassaggio
 Easy access for lubrication
 Graissage facilité
 Vereinfachter Zugriff zur Schmierung

2 Sistema di fissaggio anti-vibrazioni
 Anti-vibration fitting system
 Système de fixation anti-vibrations
 Vibrationsfreies Befestigungssystem

3 Angolazione di 90° a riposo
 90° angulation not in operation
 Angle 90° au repos
 Im Ruhezustand 90° Winkel

4 Intervalli di lubrificazione fino a 50 ore
 Extended lubrication up to 50 hrs
 Intervalles de lubrification jusqu'à 50 heures
 Schmierungsintervalle bis 50 Stunden

5 Profili telescopici trattati
 Hardened telescopic profiles
 Profils coulissants traités
 Teleskop-Profil

6 Ingrassaggio dei profili telescopici
 Lubrication for tubing profiles
 Graissage profils coulissants
 Schmierung der Teleskopprofile

7 Tappi per profili telescopici
 Telescoping tube closing tops
 Opercules anti-poussière aux extrémités des profils
 Stöpsel für Teleskopprofile

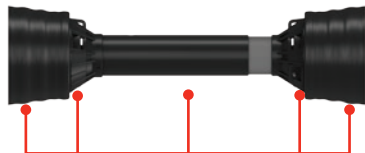
8 Intervalli di lubrificazione fino a 50 ore
 Extended lubrication up to 50 hrs
 Intervalles de lubrification jusqu'à 50 heures
 Schmierungsintervalle bis 50 Stunden

9 Collare a sgancio rapido in acciaio
 Steel Collar QD yoke
 Verrouillage rapide en acier
 Schnelltrennstahlbund

10 Sistema di sgancio programmato
 Pre-set disengagement system
 Système de décrochage programmé
 System zum programmierten Tennen



Standard



Accesso facilitato per l'ingrassaggio
Easy access for lubrication
Graissage facilité
Vereinfachter Zugriff zur Schmierung



Sistema di sgancio programmato
Pre-set disengagement system
Système de décrochage programmé
System zum programmierten Tennen



Collare a sgancio rapido in acciaio
Steel Collar QD yoke
Verrouillage rapide en acier
Schnelltrennstahlbund



Intervalli di lubrificazione fino a 50 ore
Extended lubrication up to 50 hrs
Intervalles de lubrification jusqu'à 50 heures
Schmierungsintervalle bis 50 Stunden



Angolazione di 90° a riposo
90° angulation not in operation
Angle 90° au repos
Im Ruhezustand 90° Winkel



Tappi per profili telescopici
Telescoping tube closing tops
Opércules anti-poussière aux extrémités des profils coulissants
Stöpsel für Teleskopprofile



Profili telescopici trattati
Hardened telescoping profiles
Profils coulissants traités
Teleskop-Profil

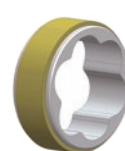
Accessori - Optionals - Accessoires - Zubehör



Sistema di fissaggio anti-vibrazioni
Anti-vibration fitting system
Système de fixation anti-vibrations
Vibrationsfreies Befestigungssystem



Ingrassaggio dei profili telescopici
Lubrication for tubing profiles
Graissage profils coulissants
Schmierung der Teleskopprofile



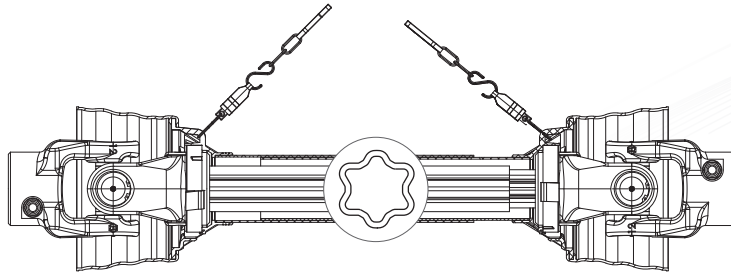
Bussola anti-vibrazioni per protezione
Anti-vibrating sleeve for safety guard tubes
Bague anti-vibrations pour les tubes protecteur
Vibrationsfreier Kompass zum Schutz

Alberi cardanici Serie V

PTO drive shafts Series V

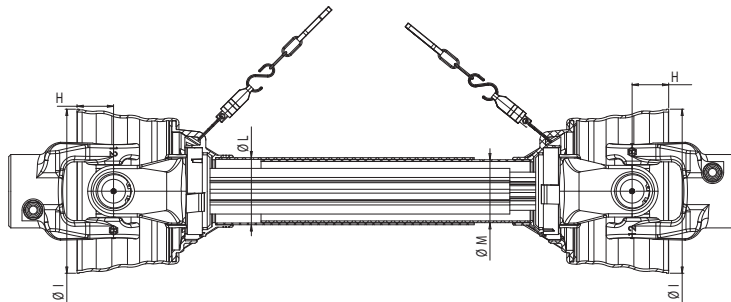
Transmissions Série V

Gelenkwellen Serie V



Albero tipo Shaft size Arbre type Gelenk.Type	540 *			1.000 *											Mp (Nm)
	giri/min - rpm - U / min						Ø	N	D	E	F	A	B	C	
V 06	44	60	780	68	93	653	32	76	51	37	-	61	47	4,5	3.000
V 07	66	90	1.170	102	139	980	36	89	51	37	-	61	47	4,5	4.000
V 08	77	105	1.365	119	162	1142	35	106,5	51	37	-	61	47	4,5	4.000
V 10	92	125	1.625	142	193	1.360	42	104	61	47	4,5	71,5	57,5	5	6.000
V 12	121	165	2.145	188	255	1.795	50	118	61	47	4,5	71,5	57,5	5	6.000

* Capacità dinamica - Dynamic Capacity - Capacité dynamique - Dynamische Kapazität



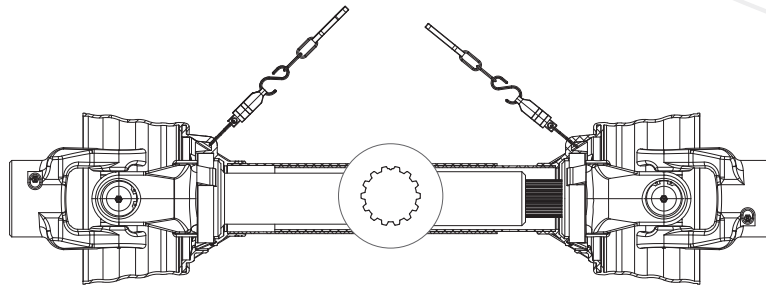
Albero tipo Shaft size Arbre type Gelenk.Type			H	I	L	M
	Ø	N				
V 06	32	76	45	184	81,5	75,5
V 07	36	89	26	184	81,5	75,5
V 08	35	106,5	35	205	96	90
V 10	42	104	43	235	96	90
V 12	50	118	33	235	96	90

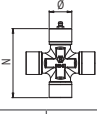
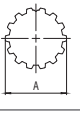
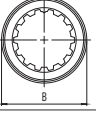
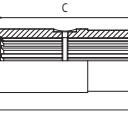
Mn = E' la coppia nominale e specifica la coppia media in funzione della durata di vita e dell'angolazione.
Is the nominal torque and specifies the average torque in respect of the life and bend angles.
Est le couple nominal et donne le couple moyen en fonction de la durée de vie et de l'angularité.
Ist das Nominalmoment und gibt das mittlere Moment in Abhängigkeit der Lebensdauer und der Beugungswinkel an.

Mp = Specifica il limite statico del carico.
Specifies the static load limit.
Donne la limite statique de charge.
Gibt die Grenze der statischen Belastbarkeit an.

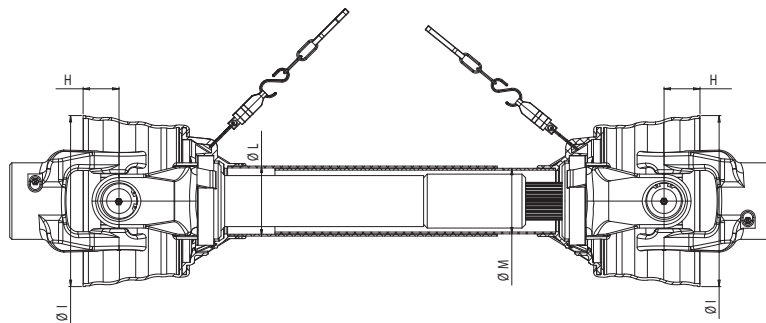
* Base di calcolo - angolo del giunto 5°, durata vita 1000 h
Basis of calculation - joint angle 5°, life 1000 h
Base de calcul - angle du joint 5°, durée de vie 1000 h
Berechnungsbasis - Beugungswinkel 5°, Lebensdauer 1000 h

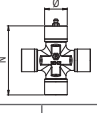
Alberi cardanici Serie V
PTO drive shafts Series V
Transmissions Série V
Gelenkwellen Serie V



Albero tipo Shaft size Arbre type Gelenk.Type	540 *			1.000 *										
	giri/min - rpm - U / min	kW	CV-HP	Mn (Nm)	kW	CV-HP	Mn (Nm)	Ø	N	Profili	A	B	C	Mp (Nm)
V 07	66	90	1.170	102	139	980	36	89	40 x 35 Z14	40	61	120	4.000	
V 08	77	105	1.365	119	162	1.142	35	106,5	40 x 35 Z14	40	61	120	4.000	
V 10	92	125	1.625	142	193	1.360	42	104	52 x 47 Z25	52	74	170	6.000	
V 12	121	165	2.145	122	255	1.795	50	118	52 x 47 Z25	52	74	170	6.000	
V 14	181	246	3.200	272	370	2.600	53	135	60 x 55 Z28	60	80	160	11.000	

* Capacità dinamica - Dynamic Capacity - Capacité dynamique - Dynamische Kapazität



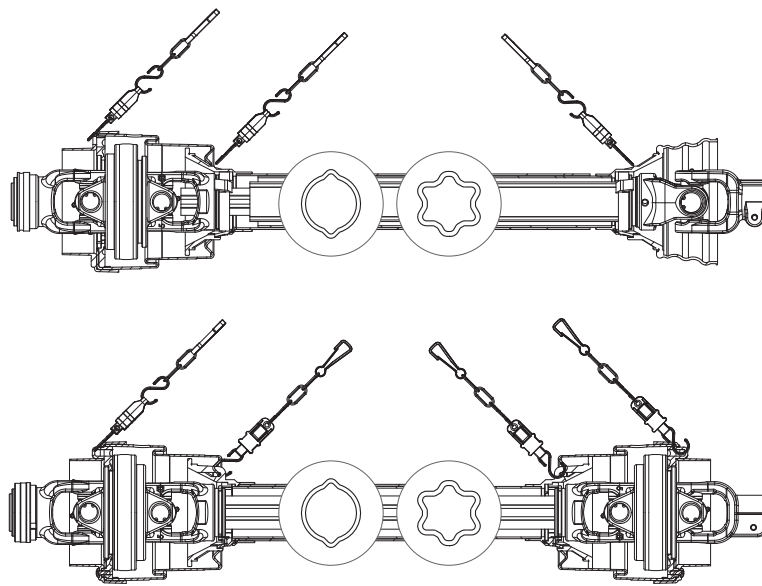
Albero tipo Shaft size Arbre type Gelenk.Type							
	Ø	N	H	I	L	M	
V 07	36	89	26	184	81,5	75,5	
V 08	35	106,5	35	205	96	90	
V 10	42	104	43	235	96	90	
V 12	50	118	33	235	96	90	
V 14	53	135	41	235	96	90	

Mn = E' la coppia nominale e specifica la coppia media in funzione della durata di vita e dell'angolazione.
 Is the nominal torque and specifies the average torque in respect of the life and bend angles.
 Est le couple nominal et donne le couple moyen en fonction de la durée de vie et de l'angularité.
 Ist das Nominalmoment und gibt das mittlere Moment in Abhängigkeit der Lebensdauer und der Beugungswinkel an.

Mp = Specifica il limite statico del carico.
 Specifies the static load limit.
 Donne la limite statique de charge.
 Gibt die Grenze der statischen Belastbarkeit an.

* Base di calcolo - angolo del giunto 5°, durata vita 1000 h
 Basis of calculation - joint angle 5°, life 1000 h
 Base de calcul - angle du joint 5°, durée de vie 1000 h
 Berechnungsbasis - Beugungswinkel 5°, Lebensdauer 1000 h

Alberi cardanici omocinetici grandangolari Serie CV
Wide angle CV PTO drive shafts Series CV
Grand angle, homocinétiques Série CV
Weitwinkel-Gleichlauf-Gelenkwellen Serie CV



1
giunto GA
CV joint
joint GA
Weitwinkel

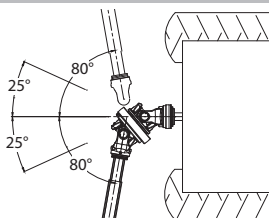
2
giunti GA
CV joints
joints GA
Weitwinkel

Albero tipo Shaft size Arbre type Gelenk.Type	540 * giri/min rpm U / min			1.000 * giri/min rpm U / min													Mp (Nm)
	kW	CV-HP	Mn (Nm)	kW	CV-HP	Mn (Nm)	A	B	C	D	A	B	S	A	B	S	
CV 2	20	27	355	31	42	295	23,8	61,3	22	80	34,5	40	4	41	48	3	1.550
CV 4	28	38	500	44	60	415	27	74,6	23,8	95	34,5	40	4	41	48	3	1.550
	28	38	500	44	60	415	27	74,6	23,8	95	39,5	49	4,5	48	57,5	4	2.300
CV 6	44	60	780	68	93	653	32	76	27	98	39,5	49	4,5	48	57,5	4	2.300
CV 7	66	90	1.175	102	139	975	36	89	32	110	39,5	49	4,5	48	57,5	4	2.300

Albero tipo Shaft size Arbre type Gelenk.Type	540 * giri/min rpm U / min			1.000 * giri/min rpm U / min													Mp (Nm)
	kW	CV-HP	Mn (Nm)	kW	CV-HP	Mn (Nm)	A	B	C	D	A	B	S	A	B	S	
CV 6	44	60	780	68	93	653	32	76	27	98	51	37	-	61	47	4,5	3.000
CV 7	66	90	1.175	102	139	975	36	89	32	110	51	37	-	61	47	4,5	4.000
CV 8	77	105	1.361	113	154	1.079	36	89	32	110	51	37	-	61	47	4,5	4.000
CVH	92	125	1.625	142	193	1.360	42	104	42	124	61	47	4,5	71	57,5	5	6.000

* Capacità dinamica - Dynamic Capacity - Capacité dynamique - Dynamische Kapazität

Tubo rilsanzato - Rilsan coated tube - Tube rilsanisé - Rilsan-beschichtetes Rohr



In lavoro continuo - Continuous operation
Travail permanent - Dauerbetrieb **max 25°**

Per brevi periodi di lavoro - Short duration
Travail de courte durée - Kurzzeitbetrieb **max 80°**

Non in rotazione - Stationary
Au repos - Stillstand **max 80°**

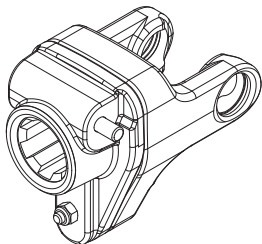


Angoli massimi di lavoro
Maximum joint angles
Angles maximums
Maximale Gelenkwinkelungen

Dispositivi di sicurezza
Safety devices
Dispositifs de sécurité
Sicherheitselemente

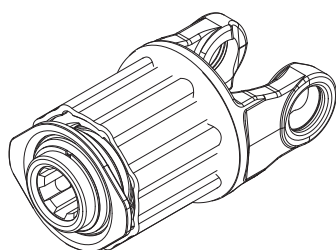


LIMITATORE A BULLONE DI TRANCIO - SHEAR BOLT CLUTCH - LIMITEUR BOULON DE RUPTURE - SCHERBOLZENKUPPLUNG



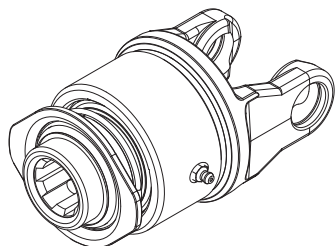
Tipo - Size - Type - Typ	Albero tipo - Shaft type - Arbre type - Gelenk. Typ					
BTV	V06	V07	V08	V10	V12	V14
Nm	From 1.400 up to 4.500					

LIMITATORE A NOTTOLINI - RADIAL PIN CLUTCH - LIMITEUR A CAMES - STERNRATSCHHE



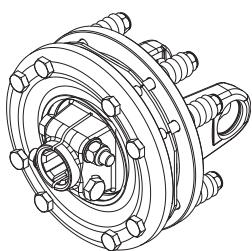
Tipo - Size - Type - Typ	Albero tipo - Shaft type - Arbre type - Gelenk. Typ					
N3	Nm	V06			V07	
	900					
N4	Nm	V06			V07	
	1.200					
N5	Nm	V06			V07	
	1.500					

RUOTA LIBERA - OVERRUNNING CLUTCH - ROUE LIBRE - FREILAUFKUPPLUNG



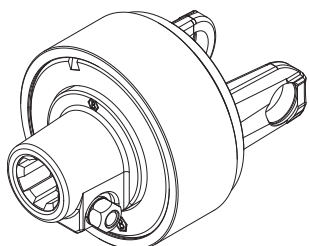
Tipo - Size - Type - Typ	Albero tipo - Shaft type - Arbre type - Gelenk. Typ					
R2V	V06	V07	V08	V10	V12	V14
Nm	From 3.000 up to 3.800					

FRIZIONE A DISCHI - FRICTION CLUTCH - FRICTION A DISQUES - REIBKUPPLUNG



Tipo - Size - Type - Typ	Albero tipo - Shaft type - Arbre type - Gelenk. Typ						
F1	Nm	V06					2 dischi plates disques
	900						
F2	Nm	V06	V07	V08			
	1.200						
F3	Nm	V06	V07	V08			4 dischi plates disques
	1.500						
F4	Nm	V06	V07	V08	V10	V12	
	2.000						

LIMITATORE DI COPPIA A CAMME - CAM TYPE CUT-OUT-CLUTCH - LIMITEUR DEBRAYABLE A CAMES - NOCKENSCHALT KUPPLUNG



Tipo - Size - Type - Typ	Albero tipo - Shaft type - Arbre type - Gelenk. Typ					
LAF	V06	V07	V08	V10	V12	V14
Nm	From 1.300 up to 4.500					

Altre gamme di prodotti
Other product ranges
D'autres gammes de produits
Produktkatalog

BENZI 



Alberi cardanici
PTO drive shafts
Transmissions a cardans
Gelenkwellen



ENERGY

BENZI 



Scatole Ingranaggi
Gearboxes
Boîtiers
Getriebe



Reduco



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