



INDUSTRIAL SECTION

TERMINALI A SNODO

ROD ENDS

ÉMBOUTS À ROTULE

HYDRAULIK GELENKKÖPFE

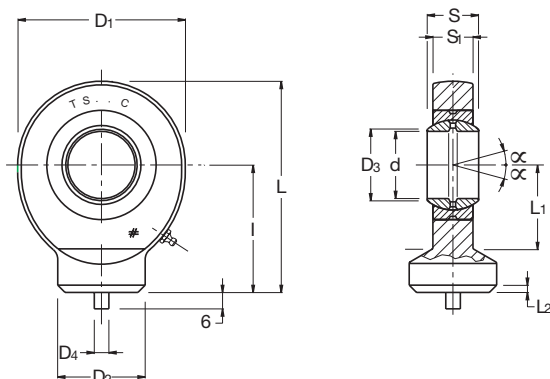
CABEZAS DE ARTICULACIÓN

DG international



DGinternational

TERMINALI A SNODO - ROD ENDS



DGS...C
GK...DO / SC...ES

DIN 648, SERIE E
RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STEEL

MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGS...C (*)	TOLLERANZE TOLERANCES													FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	PESO IN Kg. WEIGHT	
	d		S	D3	I	D1	D2	S1	L	L1	L2	D4	Dinamico Dynamic	Statico Static					
	d	S	mm.												C	KN	Co		mm.
DGS 10 C (1)	10	0 ÷ 0.008	0 ÷ -0.12	9	13.2	24	29	15	7	38.5	15	2	3	8.15	15.6	0.023 - 0.068	12	0.04	
DGS 12 C (1)	12	0 ÷ 0.008	0 ÷ -0.12	10	15	27	34	17.5	8	44	18	2	3	10.8	21.6	0.023 - 0.068	11	0.06	
DGS 15 C (2)	15	0 ÷ 0.008	0 ÷ -0.12	12	18.4	31	40	21	10	51	20	2.5	4	17	32	0.030 - 0.082	8	0.12	
DGS 16 C (2)	16	0 ÷ 0.008	0 ÷ -0.12	14	20.7	35	46	24	11	58	23	3	4	19	36	0.030 - 0.082	9	0.17	
DGS 17 C (2)	17	0 ÷ 0.008	0 ÷ -0.12	14	20.7	35	46	24	11	58	23	3	4	21.2	40	0.030 - 0.082	10	0.18	
DGS 20 C (2)	20	0 ÷ 0.008	0 ÷ -0.12	16	24.1	38	53	27.5	13	64.5	27.5	3	4	30	54	0.030 - 0.082	9	0.26	
DGS 25 C	25	0 ÷ 0.010	0 ÷ -0.12	20	29.3	45	64	33.5	17	77	33	4	4	48	72	0.037 - 0.100	7	0.45	
DGS 30 C	30	0 ÷ 0.010	0 ÷ -0.12	22	34.2	51	73	40	19	87.5	37.5	4	4	62	95	0.037 - 0.100	6	0.67	
DGS 35 C	35	0 ÷ 0.010	0 ÷ -0.12	25	39.7	61	82	47	21	102	43	4	4	80	125	0.037 - 0.100	6	1.02	
DGS 40 C	40	0 ÷ 0.012	0 ÷ -0.12	28	45	69	92	52	23	115	48	5	4	100	156	0.043 - 0.120	7	1.40	
DGS 45 C	45	0 ÷ 0.012	0 ÷ -0.12	32	50.7	77	102	58	27	128	52	5	6	127	208	0.043 - 0.120	7	1.93	
DGS 50 C	50	0 ÷ 0.012	0 ÷ -0.12	35	56	88	112	62	30	144	59	6	6	156	250	0.043 - 0.120	6	2.69	
DGS 60 C	60	0 ÷ 0.012	0 ÷ -0.15	44	66.8	100	135	70	38	167.5	72.5	8	6	245	390	0.043 - 0.120	6	4.60	
DGS 70 C	70	0 ÷ 0.015	0 ÷ -0.15	49	77.8	115	160	80	42	195	86	10	6	315	510	0.055 - 0.142	6	7.00	
DGS 80 C	80	0 ÷ 0.015	0 ÷ -0.15	55	89.4	141	180	95	47	231	98	10	6	400	620	0.055 - 0.142	6	11.00	

(1) NON RILUBRIFICABILE
MAINTENANCE FREE

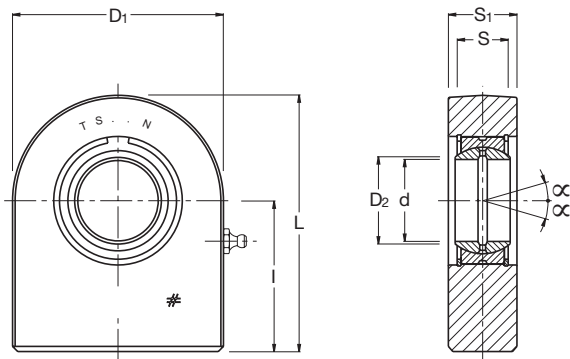
(2) RILUBRIFICABILE MEDIANTE UN FORO DI LUBRIFICAZIONE SULLA TESTA
FOR LUBRIFICATION THROUGH A HOLE ON THE HOUSING HEAD.

(*) FORNIBILI ANCHE NELLA VERSIONE CON SNODO SFERICO RADIALE CON TENUTA - (...-2RS) .
ALSO SUPPLIABLE WITH SPHERICAL BEARING VERSION WITH 2RS.

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS



TERMINALI A SNODO - ROD ENDS



DGS... N
GF...DO / SCF...ES

DIN 648, SERIE E
RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGS...N	TOLLERANZE TOLERANCES									FATTORI DI CARICO LOAD RATINGS			GIUOCO SNODO RADIALE	ANG. DI OSCILL. α SWINGING END	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	S1	L	Dinamico Dynamic	Statico Static	RADIAL CLEARANCE			
	mm.									C	KN	Co	mm.	°	
DGS 15 N	15	0 ÷ -0.008	0 ÷ -0.12	12	18.4	31	45	16	53.5	17	53	0.022 - 0.082	8	0.22	
DGS 16 N	16	0 ÷ -0.008	0 ÷ -0.12	14	20.7	35	48	17.5	59	21.2	59	0.025 - 0.082	10	0.29	
DGS 17 N	17	0 ÷ -0.008	0 ÷ -0.12	14	20.7	35	48	17.5	59	21.2	65	0.025 - 0.082	10	0.29	
DGS 20 N	20	0 ÷ -0.010	0 ÷ -0.12	16	24.1	38	50	19	63	30	67	0.030 - 0.082	9	0.36	
DGS 25 N	25	0 ÷ -0.010	0 ÷ -0.12	20	29.3	45	55	23	72.5	48	69.5	0.037 - 0.100	7	0.53	
DGS 30 N	30	0 ÷ -0.010	0 ÷ -0.12	22	34.2	51	65	28	83.5	62	118	0.037 - 0.100	6	0.85	
DGS 35 N	35	0 ÷ -0.012	0 ÷ -0.12	25	39.7	61	83	30	102.5	80	196	0.037 - 0.100	6	1.50	
DGS 40 N	40	0 ÷ -0.012	0 ÷ -0.12	28	45	69	100	35	119	100	305	0.043 - 0.120	7	2.42	
DGS 45 N	45	0 ÷ -0.012	0 ÷ -0.12	32	50.7	77	110	40	132	127	386	0.043 - 0.120	7	3.39	
DGS 50 N	50	0 ÷ -0.012	0 ÷ -0.12	35	56	88	123	40	149.5	156	441	0.043 - 0.120	6	4.24	
DGS 60 N	60	0 ÷ -0.015	0 ÷ -0.15	44	66.8	100	140	50	170	245	570	0.043 - 0.120	6	7.10	
DGS 70 N	70	0 ÷ -0.015	0 ÷ -0.15	49	77.8	115	164	55	197	315	724	0.055 - 0.142	6	10.70	
DGS 80 N	80	0 ÷ -0.015	0 ÷ -0.15	55	89.4	141	180	60	231	400	804	0.055 - 0.142	6	15.10	
DGS 90 N (1)	90	0 ÷ -0.020	0 ÷ -0.20	60	98.1	150	226	65	263	490	1340	0.055 - 0.142	5	23.40	
DGS 100 N (1)	100	0 ÷ -0.020	0 ÷ -0.20	70	109.5	170	250	70	295	610	1516	0.065 - 0.165	7	33.10	
DGS 110 N (1)	110	0 ÷ -0.020	0 ÷ -0.20	70	121.2	185	295	80	332.5	655	2340	0.065 - 0.165	6	48.50	
DGS 120 N (1)	120	0 ÷ -0.020	0 ÷ -0.20	85	135.5	210	360	90	390	950	3210	0.065 - 0.165	6	79.50	

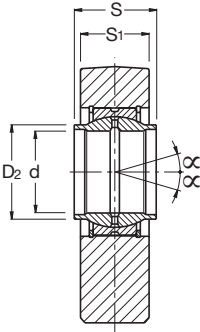
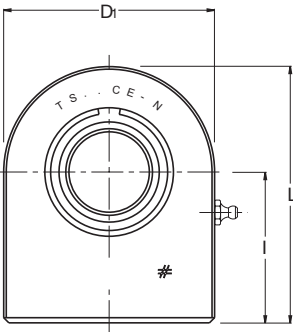
(*) FORNIBILI ANCHE NELLA VERSIONE CON SNODO SFERICO RADIALE CON TENUTA - (...-2RS) . DISPONIBILITA' E PREZZO A RICHIESTA.
ALSO SUPPLIABLE WITH SPHERICAL BEARING VERSION WITH 2RS.

(1) PANTOGRAFATI.
LASER CUTTED

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS



TERMINALI A SNODO - ROD ENDS



DGS... CE-N
GN...LO

RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL

MATERIALE: ST.52,3 MATERIAL: ST 52,3

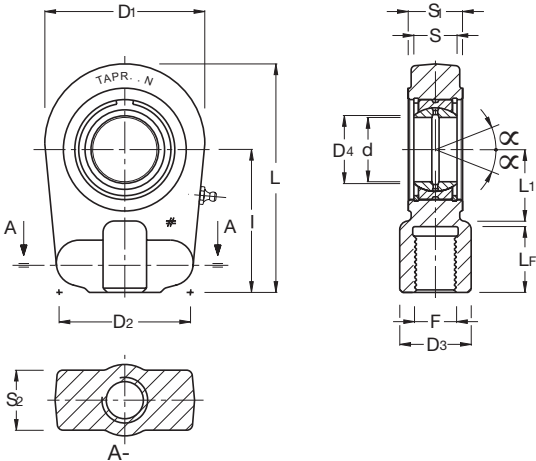


DGS...CE-N	TOLLERANZE TOLERANCES										FATTORI DI CARICO LOAD RATINGS			GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	S1	L	Dinamico Dynamic	Statico Static					
	mm.										C	KN	Co	mm.	°	
DGS 20 CE-N	20	0 ÷ +0.021	0 ÷ -0.021	20	25	38	50	19	63	30	74		0.030 - 0.082	4	0.36	
DGS 25 CE-N	25	0 ÷ +0.021	0 ÷ -0.021	25	30.5	45	55	23	72.5	48	95		0.037 - 0.100	4	0.54	
DGS 32 CE-N	32	0 ÷ +0.025	0 ÷ -0.025	32	38	65	70	27	103	62.5	168		0.037 - 0.100	4	1.12	
DGS 40 CE-N	40	0 ÷ +0.025	0 ÷ -0.025	40	46	69	100	35	119	100	268		0.043 - 0.120	4	2.50	
DGS 50 CE-N	50	0 ÷ +0.025	0 ÷ -0.025	50	57	88	123	40	149.5	156	362		0.043 - 0.120	4	4.60	
DGS 63 CE-N	63	0 ÷ +0.030	0 ÷ -0.030	63	71.5	107	145	50	178	248	570		0.055 - 0.142	4	9.30	
DGS 70 CE-N	70	0 ÷ +0.030	0 ÷ -0.030	70	79	115	164	55	197	315	800		0.055 - 0.142	4	11.25	
DGS 80 CE-N	80	0 ÷ +0.030	0 ÷ -0.030	80	91	141	180	60	231	400	874		0.055 - 0.142	4	15.75	
DGS 90 CE-N(1)	90	0 ÷ +0.035	0 ÷ -0.035	90	99	150	226	65	263	490	1045		0.055 - 0.142	4	24.00	
DGS 100 CE-N(1)	100	0 ÷ +0.035	0 ÷ -0.035	100	113	170	250	70	295	610	1330		0.065 - 0.165	4	33.95	
DGS 110 CE-N(1)	110	0 ÷ +0.035	0 ÷ -0.035	110	124	185	295	80	332.5	655	1490		0.065 - 0.165	4	49.00	

(1) PANTOGRAFATI
LASER CUTTED



TERMINALI A SNODO - ROD ENDS



DGPR...N
GIHR...DO / SIRD...ES

RILUBRIFICABILI - REQUIRING MAINTENANCE
ACCOPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGPR...N (*)	TOLLERANZE TOLERANCES															FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END °	PESO IN Kg. WEIGHT
	d	d	S	D4	I	D1	D2	S1	S2	L	L1	D3	LF	F	Dinamico Dynamic	Statico Static				
	mm.															C KN Co	mm.			
DGPR 20 N	20	0 ÷ -0.010	0 ÷ -0.12	16	24.1	50	56	46	19	17	80	25	25	17	M 16X1,5	30	81.1	0.030 - 0.082	0.45	9
DGPR 25 N	25	0 ÷ -0.010	0 ÷ -0.12	20	29.3	50	56	46	23	21	80	28	25	17	M 16X1.5	48	72	0.037 - 0.100	0.49	7
DGPR 30 N	30	0 ÷ -0.010	0 ÷ -0.12	22	34.2	60	64	50	28	26	94	30	32	23	M 22X1.5	62	106	0.037 - 0.100	0.76	6
DGPR 35 N	35	0 ÷ -0.012	0 ÷ -0.12	25	39.7	70	78	66	30	28	112	38	40	29	M 28X1.5	80	153	0.037 - 0.100	1.26	6
DGPR 40 N	40	0 ÷ -0.012	0 ÷ -0.12	28	45	85	94	76	35	33	135	45	49	36	M 35X1.5	100	250	0.043 - 0.120	2.15	7
DGPR 50 N	50	0 ÷ -0.012	0 ÷ -0.12	35	56	105	116	90	40	37	168	55	61	46	M 45X1.5	156	365	0.043 - 0.120	3.80	6
DGPR 60 N	60	0 ÷ -0.015	0 ÷ -0.15	44	66.8	130	130	120	50	46	200	65	75	59	M 58X1.5	245	400	0.043 - 0.120	6.20	6
DGPR 70 N	70	0 ÷ -0.015	0 ÷ -0.15	49	77.8	150	154	130	55	51	232	75	86	66	M 65X1.5	315	540	0.055 - 0.142	9.83	6
DGPR 80 N	80	0 ÷ -0.015	0 ÷ -0.15	55	89.4	170	176	160	60	55	265	80	105	81	M 80X2	400	670	0.055 - 0.142	13.97	6
DGPR 90 N	90	0 ÷ -0.020	0 ÷ -0.20	60	98.1	210	206	180	65	60	322	90	124	101	M100X2	490	980	0.055 - 0.142	23.50	5
DGPR 100 N	100	0 ÷ -0.020	0 ÷ -0.20	70	109.5	235	231	200	70	65	360	105	138	111	M110X2	610	1120	0.065 - 0.165	32.00	7
DGPR 110 N	110	0 ÷ -0.020	0 ÷ -0.20	70	121.2	265	266	220	80	74	407	115	152	125	M120X3	655	1700	0.065 - 0.165	41.00	6
DGPR 120 N (1)	120	0 ÷ -0.020	0 ÷ -0.20	85	135.5	310	340	257	90	84	490	140	172	135	M130X3	950	2900	0.065 - 0.165	72.00	6

(1) MATERIALE : GHISA SFEROIDALE.
MATERIAL: CAST IRON

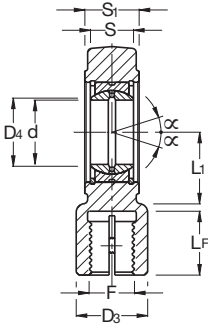
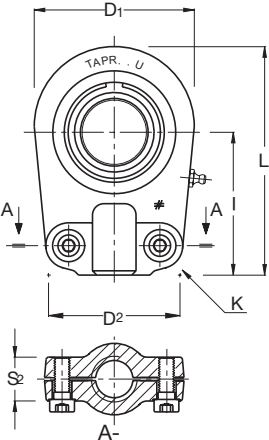
(*) FORNIBILI ANCHE NELLA VERSIONE CON SNODO SFERICO RADIALE CON TENUTA - (...-2RS) . DISPONIBILITA' E PREZZO A RICHIESTA.
ALSO SUPPLIABLE WITH THE SPHERICAL BEARING VERSION WITH - 2RS

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "R" CON "L" ES. DGPL...N - DISPONIBILITA' E PREZZO A RICHIESTA.
ON REQUEST WE CAN SUPPLY THESE ROD ENDS ALSO WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE ADD AN "L" INSTEAD OF "R"

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGPR...U
GIHR-K...DO / SIR...ES

DIN 24338-ISO 6982
RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGPR...U (*)	d	TOLLERANZE TOLERANCES		S	D4	I	D1	D2	S1	S2	L	L1	D3	LF	F	FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	VITE K UNI 5931-10.9 SCREW K	SERRAGGIO VITI Nm TIGHTENING Nm	PESO IN Kg. WEIGHT
		d	S													Dinamico Dynamic	Statico Static					
		mm.															C	KN	Co	mm.	°	
DGPR 20 U	20	0 ÷ -0.010	0 ÷ -0.12	16	24.1	50	56	46	19	17	80	25	25	17	M 16X1,5	30	81.1	0.030 - 0.082	9	M 8X18	25	0.44
DGPR 25 U	25	0 ÷ -0.010	0 ÷ -0.12	20	29.3	50	56	46	23	21	80	28	25	17	M 16X1.5	48	72	0.037 - 0.100	7	M 8X20	25	0.47
DGPR 30 U	30	0 ÷ -0.010	0 ÷ -0.12	22	34.2	60	64	50	28	26	94	30	32	23	M 22X1.5	62	106	0.037 - 0.100	6	M 8X25	25	0.77
DGPR 35 U	35	0 ÷ -0.012	0 ÷ -0.12	25	39.7	70	78	66	30	28	112	38	40	29	M 28X1.5	80	153	0.037 - 0.100	6	M 10X30	49	1.24
DGPR 40 U	40	0 ÷ -0.012	0 ÷ -0.12	28	45	85	94	76	35	33	135	45	49	36	M 35X1.5	100	250	0.043 - 0.120	7	M 10X35	49	2.12
DGPR 50 U	50	0 ÷ -0.012	0 ÷ -0.12	35	56	105	116	90	40	37	168	55	61	46	M 45X1.5	156	365	0.043 - 0.120	6	M 12X40	86	3.74
DGPR 60 U	60	0 ÷ -0.015	0 ÷ -0.15	44	66.8	130	130	120	50	46	200	65	75	59	M 58X1.5	245	400	0.043 - 0.120	6	M 16X45	210	6.49
DGPR 70 U	70	0 ÷ -0.015	0 ÷ -0.15	49	77.8	150	154	130	55	51	232	75	86	66	M 65X1.5	315	540	0.055 - 0.142	6	M 16X50	210	9.88
DGPR 80 U	80	0 ÷ -0.015	0 ÷ -0.15	55	89.4	170	176	160	60	55	265	80	105	81	M 80X2	400	670	0.055 - 0.142	6	M 20X55	410	14.20
DGPR 90 U	90	0 ÷ -0.012	0 ÷ -0.20	60	98.1	210	206	180	65	60	322	90	124	101	M 100X2	490	980	0.055 - 0.142	5	M 20X60	410	20.00
DGPR 100 U	100	0 ÷ -0.012	0 ÷ -0.20	70	109.5	235	231	200	70	65	360	105	138	111	M 110X2	610	1120	0.065 - 0.165	7	M 24X65	710	27.50
DGPR 110 U	110	0 ÷ -0.012	0 ÷ -0.20	70	121.2	265	266	220	80	74	407.5	115	152	125	M 120X3	655	1700	0.065 - 0.165	6	M 24X80	710	45.60
DGPR 120 U (1)	120	0 ÷ -0.012	0 ÷ -0.20	85	135.5	310	340	257	90	84	490	140	172	135	M 130X3	950	2900	0.065 - 0.165	6	M 24X85	710	72.00

(1) MATERIALE : GHISA SFEROIDALE.
MATERIAL: CAST IRON

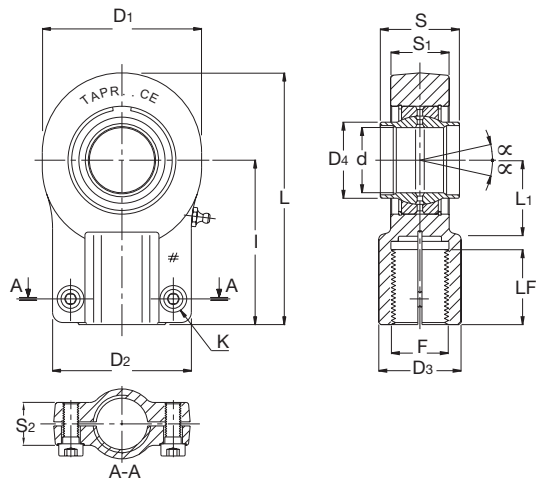
(*) FORNIBILI ANCHE NELLA VERSIONE CON SNODO SFERICO RADIALE CON TENUTA - (...-2RS) . DISPONIBILITA' E PREZZO A RICHIESTA.
ALSO SUPPLIABLE WITH THE SPHERICAL BEARING VERSION WITH - 2RS

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IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGPR...CE
GIHN-K...DO / SIQG...ES

DIN 24338-ISO 6982
RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGPR...CE(*)	TOLLERANZE TOLERANCES															FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	VITE K UNI 5931-10.9 SCREW K	SERRAGGIO VITI Nm. TIGHTENING	PESO IN Kg. WEIGHT
	d	d		S	D4	I	D1	D2	S1	S2	L	L1	D3	LF	F	Dinamico Dynamic	Statico Static					
	mm.															C	KN	Co	mm.	°		
DGPR 12 CE (1)	12	0 ÷ +0.018	0 ÷ -0.18	12	15.5	38	32	32	11	15	54	14	16	17	M12 X1.25	10.8	24.5	0.023 - 0.068	4	M 5X16	6	0.11
DGPR 16 CE	16	0 ÷ +0.018	0 ÷ -0.18	16	20	44	40	40	13	15	64	20	21	19	M14 X1.5	17.6	36.5	0.030 - 0.082	4	M 6X14	10	0.20
DGPR 20 CE	20	0 ÷ +0.021	0 ÷ -0.21	20	25	52	47	47	17	19	75	22	25	23	M16 X1.5	30	48	0.030 - 0.082	4	M 8X20	25	0.35
DGPR 25 CE	25	0 ÷ +0.021	0 ÷ -0.21	25	30.5	65	58	54	22	19	96	27	30	29	M20 X1.5	48	78	0.037 - 0.100	4	M 8X20	25	0.62
DGPR 32 CE	32	0 ÷ +0.025	0 ÷ -0.25	32	38	80	71	66	28	22	118	32	38	37	M27 X2	67	114	0.037 - 0.100	4	M10X25	49	1.15
DGPR 40 CE	40	0 ÷ +0.025	0 ÷ -0.25	40	46	97	90	80	33	26	146	41	47	46	M33 X2	100	204	0.043 - 0.120	4	M10X30	49	2.18
DGPR 50 CE	50	0 ÷ +0.025	0 ÷ -0.25	50	57	120	109	96	41	32	179	50	58	57	M42 X2	156	310	0.043 - 0.120	4	M12X35	86	3.96
DGPR 63 CE	63	0 ÷ +0.030	0 ÷ -0.30	63	71.5	140	136	114	53	38	211	62	70	64	M48 X2	255	430	0.055 - 0.142	4	M16X40	210	6.80
DGPR 70 CE (2)	70	0 ÷ +0.030	0 ÷ -0.30	70	79	160	155	135	57	42	245	70	80	76	M56 X2	315	540	0.055 - 0.142	4	M16X40	210	9.60
DGPR 80 CE (2)	80	0 ÷ +0.030	0 ÷ -0.30	80	91	180	170	148	67	48	270	78	90	86	M64 X3	400	695	0.055 - 0.142	4	M20X50	410	13.00
DGPR 90 CE (2)	90	0 ÷ +0.035	0 ÷ -0.35	90	99	195	185	160	72	52	296	85	100	91	M72 X3	490	750	0.055 - 0.142	4	M20X60	410	19.10
DGPR 100 CE (2)	100	0 ÷ +0.035	0 ÷ -0.35	100	113	210	211	178	85	62	322	98	110	96	M80 X3	610	1060	0.065 - 0.165	4	M24X60	710	25.00
DGPR 110 CE (2)	110	0 ÷ +0.035	0 ÷ -0.35	110	124	235	235	190	88	62	364	105	125	106	M90 X3	655	1200	0.065 - 0.165	4	M24X60	710	32.00
DGPR 125 CE (2)	125	0 ÷ +0.040	0 ÷ -0.40	125	138	260	265	200	103	72	405	120	135	113	M100X3	950	1430	0.065 - 0.165	4	M24X70	710	46.00
DGPR 160 CE	160	0 ÷ +0.040	0 ÷ -0.40	160	177	310	326	250	130	82	488	150	165	126	M125X4	1370	2200	0.065 - 0.192	4	M24X80	710	82.50
DGPR 200 CE	200	0 ÷ +0.046	0 ÷ -0.46	200	221	390	418	320	162	102	620	195	215	161	M160X4	2120	3650	0.065 - 0.192	4	M30X100	1500	168.00

(1) NON RILUBRIFICABILE.
MAINTENANCE FREE

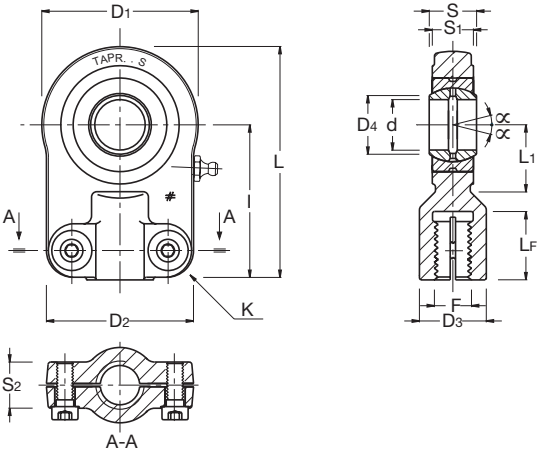
(2) MATERIALE: GHISA SFEROIDALE.
MATERIAL: CAST IRON

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "R" CON "L" ES. DGPL...CE - DISPONIBILITA' E PREZZO A RICHIESTA.

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGPR...S
GIHO-K...DO / SIJ...ES

DIN 24338-ISO 6982
RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGPR...S (*)	TOLLERANZE TOLERANCES															FATT. DI CARICO LOAD RATINGS			GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	VITE K UNI 5831-10.9 SCREW K	SERRAGGIO VITI Nm. TIGHTENING	PESO IN Kg. WEIGHT
	d	S		D4	I	D1	D2	S1	S2	L	L1	D3	LF	F	Dinamico	Statico	Static						
	d	S	mm.															C	KN	Co	mm.	°	
DGPR 12 S (1)	12	0 ÷ -0.008	0 ÷ -0.12	10	15	42	35	40	8	13	58	16	17	15	M10X1.25	10.8	17	0.032 - 0.068	11	M 6X14	10	0.12	
DGPR 16 S (2)	16	0 ÷ -0.008	0 ÷ -0.12	14	20.7	48	45	45	11	13	69	20	21	17	M12X1.25	21.1	28.5	0.040 - 0.082	10	M 6X14	10	0.22	
DGPR 20 S (2)	20	0 ÷ -0.010	0 ÷ -0.12	16	24.1	58	55	55	13	17	83	28	25	19	M14X1.5	30	42.5	0.040 - 0.082	9	M 8X18	25	0.43	
DGPR 25 S	25	0 ÷ -0.010	0 ÷ -0.12	20	29.3	68	65	62	17	-	99	31	30	23	M16X1.5	48	67	0.050 - 0.100	7	M 8X18	25	0.67	
DGPR 30 S	30	0 ÷ -0.010	0 ÷ -0.12	22	34.2	85	80	77	19	-	123	35	36	29	M20X1.5	62	108	0.050 - 0.100	6	M10X20	49	1.25	
DGPR 40 S	40	0 ÷ -0.012	0 ÷ -0.12	28	45	105	100	90	23	-	153	45	45	37	M27X2	100	156	0.060 - 0.120	7	M10X25	49	2.16	
DGPR 50 S	50	0 ÷ -0.012	0 ÷ -0.12	35	56	130	120	105	30	-	188	58	55	46	M33X2	156	245	0.060 - .120	6	M12X30	86	3.90	
DGPR 60 S	60	0 ÷ -0.015	0 ÷ -0.15	44	66.8	150	160	134	38	-	255	68	68	57	M42X2	245	380	0.060 - 0.120	6	M16X40	210	7.15	
DGPR 80 S	80	0 ÷ -0.015	0 ÷ -0.15	55	89.4	185	205	156	47	-	282.5	82	90	64	M48X2	400	585	0.072 - 0.142	6	M20X50	410	15.00	
DGPR 100 S	100	0 ÷ -0.020	0 ÷ -0.20	70	109.5	240	240	190	55	-	357.5	116	110	86	M64X3	610	865	0.085 - 0.165	6	M24X60	710	27.30	

(1) NON RILUBRIFICABILE.
MAINTENANCE FREE

(2) RILUBRIFICABILE MEDIANTE UN FORO DI LUBRIFICAZIONE SULLA TESTA.
FOR LUBRICATION THROUGH A HOLE ON THE HOUSING HEAD.

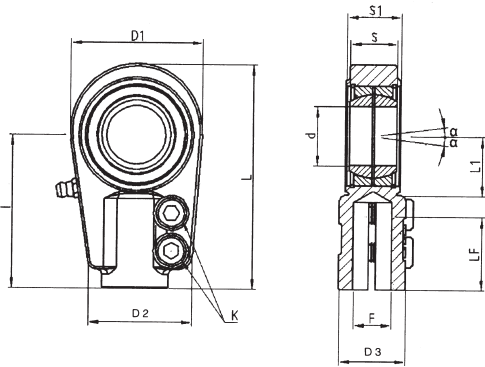
(3) MATERIALE GHISA SFEROIDALE
MATERIAL: CAST IRON

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "R" CON "L" ES. DGPL...S. - DISPONIBILITA' E PREZZO A RICHIESTA.
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE ADD AN "L" INSTEAD OF "R"

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGPR...GAS
CGAS...

RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL

MATERIALE: C45 MATERIAL: C45 UNI EN 10083

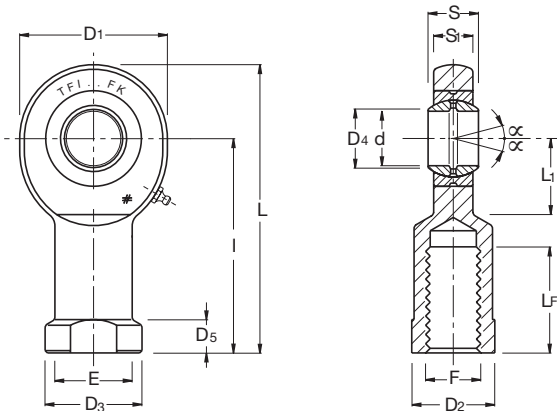


DGPR...GAS (*)	TOLLERANZE TOLERANCES															FATTI DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	VITE K UNI 5931-10.9 SCREW K	SERRAGGIO VITI Nm. TIGHTENING	PESO IN Kg. WEIGHT
	d	d		S	D4	I	D1	D2	S1	S2	L	L1	D3	LF	F	Dinamico Dynamic	Statico Static					
	mm.															C	KN	Co	mm.	°		
DGPR 25 GAS	25	0 + +0.010	0 + -0.12	20	29.3	65	56	48	23	21	95	25	28	30	M18X2	48	76	0.037 - 0.100	8	M 8X20	20	0.65
DGPR 30 GAS	30	0 + +0.010	0 + -0.12	22	34.2	75	64	56	28	26	109	30	34	35	M24X2	62	112	0.037 - 0.100	7	M 8X22	20	1.0
DGPR 35 GAS	35	0 + +0.012	0 + -0.12	25	39.7	90	78	70	30	28	132	40	44	45	M30X2	80	180	0.037 - 0.100	7	M 10X30	40	1.3
DGPR 40 GAS	40	0 + +0.012	0 + -0.12	28	45.0	105	94	78	35	33	155	45	55	55	M39X3	100	295	0.043 - 0.120	7	M 12X30	80	2.4
DGPR 50 GAS	50	0 + +0.012	0 + -0.12	35	56.0	135	116	88	40	36	198	55	70	75	M50X3	156	445	0.043 - 0.120	7	M 12X35	80	4.1
DGPR 60 GAS	60	0 + +0.015	0 + -0.15	44	66.8	170	130	118	50	46	240	65	87	95	M64X3	245	530	0.043 - 0.120	7	M 16X45	160	6.5
DGPR 70 GAS	70	0 + +0.015	0 + -0.15	49	77.8	195	154	138	55	51	278	75	105	110	M80X3	315	720	0.055 - 0.142	6	M 16X50	160	9.5
DGPR 80 GAS	80	0 + +0.015	0 + -0.15	55	89.4	210	176	168	60	55	305	80	125	120	M90X3	400	890	0.055 - 0.142	6	M 20X55	300	16
DGPR 90 GAS	90	0 + +0.020	0 + -0.20	60	98.1	250	206	180	65	60	363	90	150	140	M100X3	490	1300	0.055 - 0.142	5	M 20X60	300	28
DGPR 100 GAS	100	0 + +0.020	0 + -0.20	70	109.5	275	230	188	70	65	400	105	170	150	M110X4	610	1490	0.065 - 0.165	7	M 20X65	300	34
DGPR 110 GAS	110	0 + +0.035	0 + -0.25	70	121.2	300	264	210	80	74	442	115	180	160	M120X4	650	2050	0.065 - 0.165	6	M 24X75	500	44
DGPR 120 GAS	120	0 + +0.025	0 + -0.25	85	135.5	360	340	240	90	84	540	140	210	190	M150X4	950	2970	0.065 - 0.165	6	M 24X85	500	75
DGPR 140 GAS	140	0 + +0.025	0 + -0.25	90	155.8	420	380	256	110	105	620	185	230	210	M160X4	1080	3350	0.065 - 0.165	7	M30X105	1100	160
DGPR 160 GAS	160	0 + +0.025	0 + -0.25	105	170.2	460	480	290	110	105	710	200	260	240	M180X4	1370	4300	0.100 - 0.192	8	M30X105	1100	185

(*) FORNIBILI ANCHE NELLA VERSIONE CON SNODO SFERICO RADIALE CON TENUTA (...2RS).
ALSO SUPPLIABLE WITH SPHERICAL BEARING VERSION WITH - 2RS



TERMINALI A SNODO - ROD ENDS



DGSI...E/ES
DGSI...ES -2RS
GIR...DO / SI...E/ES
GIR...DO -2RS / SI...ES -2RS

DIN 648, SERIE E FORMA B - ISO 6126
RICHIEDENTE MANUTENZIONE
REQUIRING MAINTENANCE

ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGSI...E/ES (*) DGSI...ES-2RS	TOLLERANZE TOLERANCES																FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. SWINGING END °	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	D3	E	D2	D5	S1	L	L1	LF	F	Dinamico Dynamic	Statico Static			
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	C	KN	Co	mm.	
DGSI 6 E (1)	6	0 + -0.008	0 + -0.12	6	8	30	21	13	10.5	11	5	4.3	40.5	10.5	11	M 6X1	3.4	8.1	0.023 - 0.068	13	0.02
DGSI 8 E (1)	8	0 + -0.008	0 + -0.12	8	10.2	36	24	15	12	13	5	6	48	12	15	M 8X1.25	5.5	12.9	0.023 - 0.068	15	0.04
DGSI 10 E (1)	10	0 + -0.008	0 + -0.12	9	13.2	43	29	18	15	15	6.5	7	57.5	14	20	M10X1.5	8.1	17.6	0.023 - 0.068	12	0.06
DGSI 12 E (1)	12	0 + -0.008	0 + -0.12	10	15	50	34	20	17	18	6.5	8	67	17.5	24	M12X1.75	10.8	24.5	0.023 - 0.068	11	0.09
DGSI 15 ES (2)	15	0 + -0.008	0 + -0.12	12	18.4	61	40	24	20	21	8	10	81	20	30	M14X2	17	36	0.030 - 0.082	8	0.18
DGSI 17 ES (2)	17	0 + -0.008	0 + -0.12	14	20.7	67	46	28	23	24	10	11	90	23	34	M16X2	21.2	45	0.030 - 0.082	10	0.22
DGSI 20 ES (2)	20	0 + -0.010	0 + -0.12	16	24.1	77	53	35	27.5	32	10	13	103.5	27.5	40	M20X1.5	30	60	0.030 - 0.082	9	0.35
DGSI 25 ES	25	0 + -0.010	0 + -0.12	20	29.3	94	64	42	33.5	36	12	17	126	32	48	M24X2	48	83	0.037 - 0.100	7	0.64
DGSI 30 ES	30	0 + -0.010	0 + -0.12	22	34.2	110	73	50	40	41	15	19	146.5	37	56	M30X2	62	110	0.037 - 0.100	6	0.93
DGSI 35 ES-2RS	35	0 + -0.012	0 + -0.12	25	39.7	125	82	58	47	50	15	21	166	42	60	M36X3	80	146	0.037 - 0.100	6	1.30
DGSI 40 ES-2RS	40	0 + -0.012	0 + -0.12	28	45	142	92	65	52	55	18	23	188	48	67	M39X3	100	180	0.043 - 0.120	7	2.01
DGSI 45 ES-2RS	45	0 + -0.012	0 + -0.12	32	50.7	145	102	70	58	60	20	27	196	52	65	M42X3	127	240	0.043 - 0.120	7	2.50
DGSI 50 ES-2RS	50	0 + -0.012	0 + -0.12	35	56	160	112	75	62	65	20	30	216	59	69	M45X3	156	290	0.043 - 0.120	6	3.50
DGSI 60 ES-2RS	60	0 + -0.015	0 + -0.15	44	66.8	175	135	88	70	75	20	38	242	75	73	M52X3	245	450	0.043 - 0.120	6	5.50
DGSI 70 ES-2RS	70	0 + -0.015	0 + -0.15	49	77.8	200	160	98	85	80	20	42	280	87	80	M56X4	315	610	0.055 - 0.142	6	8.60
DGSI 80 ES-2RS	80	0 + -0.015	0 + -0.15	55	89.4	230	180	110	95	100	25	47	320	100	85	M64X4	400	750	0.055 - 0.142	6	12.00

(1) NON RILUBRIFICABILE.
MAINTENANCE FREE

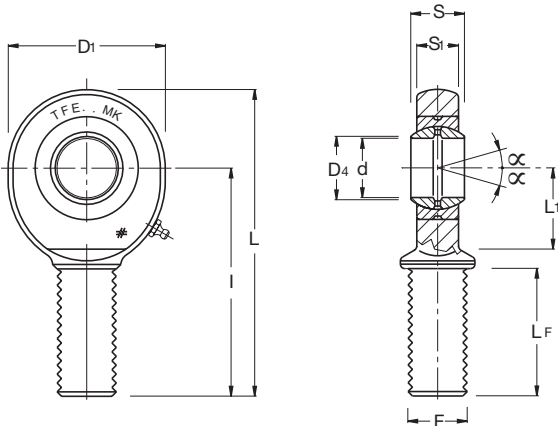
(2) RILUBRIFICABILE MEDIANTE UN FORO DI LUBRIFICAZIONE SULLA TESTA.
FOR LUBRICATION THROUGH A HOLE ON THE HOUSING HEAD.

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "L" ES "DGSIL..." - DISPONIBILITA' E PREZZO A RICHIESTA.
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE ADD AN "L" INSTEAD OF "R"

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGSA...E/ES
DGSA...ES
GAR...DO / SA...E/ES
GAR...DO - 2RS / SA...ES - 2RS

DIN 648, SERIE E FORMA B - ISO 6126
RILUBRIFICABILI - REQUIRING MAINTENANCE

ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



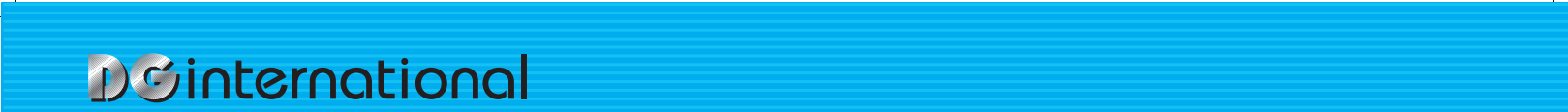
DGSA...E/ES (*) DGSA...ES-2RS	TOLLERANZE TOLERANCES												FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END °	PESO IN Kg. WEIGHT
	d	d		S	D4	I	D1	S1	L	L1	LF	F	Dinamico Dynamic	Statico Static			
		d	S										C	KN	Co		
mm.															mm.		
DGSA 6 E (1)	6	0 ÷ -0.008	0 ÷ -0.12	6	8	36	21	4.3	46.5	12	18	M6X1	3.4	10.2	0.023-0.068	13	0.01
DGSA 8 E (1)	8	0 ÷ -0.008	0 ÷ -0.12	8	10.2	42	24	6	54	14	22	M8X1.25	5.5	16	0.023-0.068	15	0.03
DGSA 10 E (1)	10	0 ÷ -0.008	0 ÷ -0.12	9	13.2	48	29	7	62.5	15	27	M10X1.5	8.1	22	0.023-0.068	12	0.05
DGSA 12 E (1)	12	0 ÷ -0.008	0 ÷ -0.12	10	15	54	34	8	71	19	30	M12X1.75	10.8	30.4	0.023-0.068	11	0.08
DGSA 15 ES (2)	15	0 ÷ -0.008	0 ÷ -0.12	12	18.4	63	40	10	83	20	34	M14X2	17	44.8	0.030-0.082	8	0.14
DGSA 17 ES (2)	17	0 ÷ -0.008	0 ÷ -0.12	14	20.7	69	46	11	92	23	36	M16X2	21.2	56.5	0.030-0.082	10	0.19
DGSA 20 ES (2)	20	0 ÷ -0.010	0 ÷ -0.12	16	24.1	78	53	13	104.5	27.5	43	M20X1.5	30	75.6	0.030-0.082	9	0.31
DGSA 25 ES	25	0 ÷ -0.010	0 ÷ -0.12	20	29.3	94	64	17	126	32	53	M24X2	48	88.2	0.037-0.100	7	0.56
DGSA 30 ES	30	0 ÷ -0.010	0 ÷ -0.12	22	34.2	110	73	19	146.5	37	65	M30X2	62	119	0.037-0.100	6	0.89
DGSA 35 ES-2RS	35	0 ÷ -0.012	0 ÷ -0.12	25	39.7	140	82	21	181	43	82	M36X3	80	159	0.037-0.100	6	1.40
DGSA 40 ES-2RS	40	0 ÷ -0.012	0 ÷ -0.12	28	45	150	92	23	196	48	86	M39X3	100	194	0.043-0.120	7	1.80
DGSA 45 ES-2RS	45	0 ÷ -0.012	0 ÷ -0.12	32	50.7	163	102	27	218	52	94	M42X3	127	259	0.043-0.120	7	2.60
DGSA 50 ES-2RS	50	0 ÷ -0.012	0 ÷ -0.12	35	56	185	112	30	241	60	106	M45X3	156	313	0.043-0.120	6	3.40
DGSA 60 ES-2RS	60	0 ÷ -0.015	0 ÷ -0.15	44	66.8	210	135	38	277.5	75	115	M52X3	245	485	0.043-0.120	6	5.90
DGSA 70 ES-2RS	70	0 ÷ -0.015	0 ÷ -0.15	49	77.8	235	160	42	315	87	125	M56X4	315	564	0.055-0.142	6	8.20
DGSA 80 ES-2RS	80	0 ÷ -0.015	0 ÷ -0.15	55	89.4	270	180	47	360	100	140	M64X4	400	689	0.055-0.142	6	13.10

(1) NON RILUBRIFICABILE.
MAINTENANCE FREE

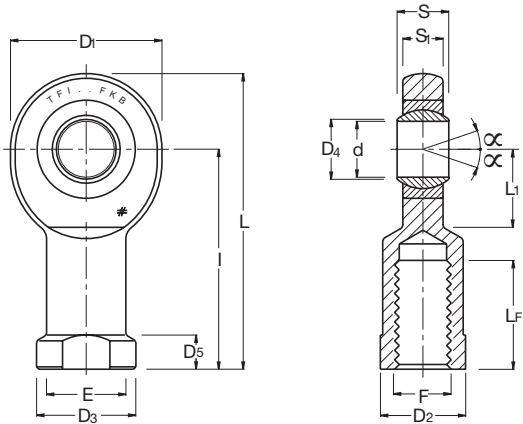
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TERMINALI A SNODO - ROD ENDS



DGSI... C
DGSI...ET -2RS
GIR...UK (-2RS) / SI...C
SI...ET -2RS

DIN 648, SERIE E FORMA B - ISO 6126
ESENTI DA MANUTENZIONE - MAINTENANCE FREE

ACCOPPIAMENTO ACCIAIO SU ACCIAIO - STEEL/STELL
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGSi...C (*) DGSi...ET-2RS	TOLLERANZE TOLERANCES																FATT. DI CARICO LOAD RATINGS			GIUOCO SNODO RADIALE	ANG. DI OSCILL. α SWINGING END	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	D3	E	D2	D5	S1	L	L1	LF	F	Dinamico Dynamic	Statico Static	RADIAL CLEARANCE			
	mm.																C	KN		Co	mm.	°
DGSi 6 C (1)	6	0 ÷ -0.008	0 ÷ -0.12	6	8	30	21	13	10.5	11	5	4.3	40.5	10.5	11	M 6X1	3.6	8.1	0.023 - 0.068	13	0.02	
DGSi 8 C (1)	8	0 ÷ -0.008	0 ÷ -0.12	8	10.2	36	24	15	12	13	5	6	48	12	15	M 8X1.25	5.8	12.9	0.023 - 0.068	15	0.04	
DGSi 10 C (1)	10	0 ÷ -0.008	0 ÷ -0.12	9	13.2	43	29	18	15	15	6.5	7	57.5	14	20	M10X1.5	8.6	17.6	0.023 - 0.068	12	0.06	
DGSi 12 C (1)	12	0 ÷ -0.008	0 ÷ -0.12	10	15	50	34	20	17	18	6.5	8	67	17.5	24	M12X1.75	11.4	24.5	0.023 - 0.068	11	0.09	
DGSi 15 C (2)	15	0 ÷ -0.008	0 ÷ -0.12	12	18.4	61	40	24	20	21	8	10	81	20	30	M14X2	17.6	36	0.030 - 0.082	8	0.18	
DGSi 17 C (2)	17	0 ÷ -0.008	0 ÷ -0.12	14	20.7	67	46	28	23	24	10	11	90	23	34	M16X2	22.4	45	0.030 - 0.082	10	0.22	
DGSi 20 C /ET-2RS (2)	20	0 ÷ -0.010	0 ÷ -0.12	16	24.1	77	53	35	27.5	32	10	13	103.5	27.5	40	M20X1.5	31.5	60	0.030 - 0.082	9	0.35	
DGSi 25 C/ET-2RS	25	0 ÷ -0.010	0 ÷ -0.12	20	29.3	94	64	42	33.5	36	12	17	126	32	48	M24X2	51	83	0.037 - 0.100	7	0.64	
DGSi 30 C/ET-2RS	30	0 ÷ -0.010	0 ÷ -0.12	22	34.2	110	73	50	40	41	15	19	146.5	37	56	M30X2	66.5	110	0.037 - 0.100	6	0.93	
DGSi 35 ET-2RS	35	0 ÷ -0.012	0 ÷ -0.12	25	39.7	125	82	58	47	50	15	21	166	42	60	M36X3	112	146	0.037 - 0.100	6	1.30	
DGSi 40 ET-2RS	40	0 ÷ -0.012	0 ÷ -0.12	28	45	142	92	65	52	55	18	23	188	48	67	M39X3	140	180	0.043 - 0.120	7	2.01	
DGSi 45 ET-2RS	45	0 ÷ -0.012	0 ÷ -0.12	32	50.7	145	102	70	58	60	20	27	196	52	65	M42X3	180	240	0.043 - 0.120	7	2.50	
DGSi 50 ET-2RS	50	0 ÷ -0.012	0 ÷ -0.12	35	56	160	112	75	62	65	20	30	216	59	69	M45X3	220	290	0.043 - 0.120	6	3.50	
DGSi 60 ET-2RS	60	0 ÷ -0.015	0 ÷ -0.15	44	66.8	175	135	88	70	75	20	38	242	75	73	M52X3	345	450	0.043 - 0.120	6	5.50	
DGSi 70 ET-2RS	70	0 ÷ -0.015	0 ÷ -0.15	49	77.8	200	160	98	85	80	20	42	280	87	80	M56X4	440	610	0.055 - 0.142	6	8.60	
DGSi 80 ET-2RS	80	0 ÷ -0.015	0 ÷ -0.15	55	89.4	230	180	110	95	100	25	47	320	100	85	M64X4	570	750	0.055 - 0.142	6	12.00	

(1) NON RILUBRIFICABILE.
MAINTENANCE FREE

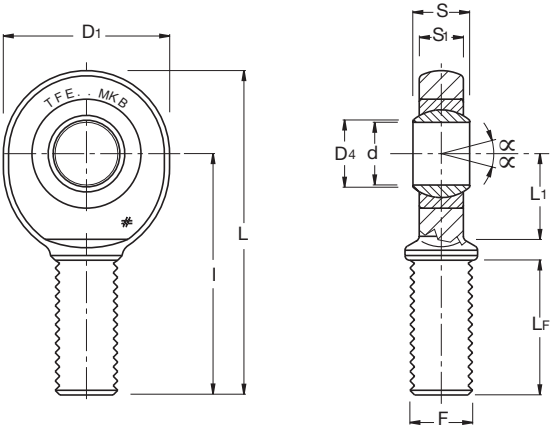
(2) RILUBRIFICABILE MEDIANTE UN FORO DI LUBRIFICAZIONE SULLA TESTA.
FOR LUBRICATION THROUGH A HOLE ON THE HOUSING HEAD.

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "L" ES "DGSIL..." - DISPONIBILITA' E PREZZO A RICHIESTA.
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE ADD AN "L" INSTEAD OF "R"

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGSA...C
DGSA...ET - 2RS
GAR...UK (2RS) / SA...C
SA...ET - 2RS

DIN 648, SERIE E FORMA B - ISO 6126
ESENTI DA MANUTENZIONE - MAINTENANCE FREE

ACCOPPIAMENTO: ACCIAIO SU PTFE - STEEL/PTFE
MATERIALE: C45 MATERIAL: C45 UNI EN 10083



DGSA...C (*) DGSA...ET-2RS	TOLLERANZE TOLERANCES												FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. SWINGING END	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	S1	L	L1	LF	F	Dinamico Dynamic	Statico Static			
	mm.												C	KN Co			
DGSA 6 C	6	0 ÷ +0.008	0 ÷ -0.12	6	8	36	21	4.3	46.5	12	18	M 6X1	3.6	8.1	0 - 0.032	13	0.01
DGSA 8 C	8	0 ÷ +0.008	0 ÷ -0.12	8	10.2	42	24	6	54	14	22	M 8X1.25	5.8	12.9	0 - 0.032	15	0.03
DGSA 10 C	10	0 ÷ +0.008	0 ÷ -0.12	9	13.2	48	29	7	62.5	15	27	M10X1.5	8.6	17.6	0 - 0.032	12	0.05
DGSA 12 C	12	0 ÷ +0.008	0 ÷ -0.12	10	15	54	34	8	71	19	30	M12X1.75	11.4	24.5	0 - 0.032	11	0.08
DGSA 15 C	15	0 ÷ +0.008	0 ÷ -0.12	12	18.4	63	40	10	83	20	34	M14X2	17.6	36	0 - 0.040	8	0.14
DGSA 17 C	17	0 ÷ +0.008	0 ÷ -0.12	14	20.7	69	46	11	92	23	36	M16X2	22.4	45	0 - 0.040	10	0.19
DGSA 20 C (ET-2RS)	20	0 ÷ +0.010	0 ÷ -0.12	16	24.1	78	53	13	104.5	27.5	43	M20X1.5	31.5	60	0 - 0.040	9	0.31
DGSA 25 C (ET-2RS)	25	0 ÷ +0.010	0 ÷ -0.12	20	29.3	94	64	17	126	33	53	M24X2	51	83	0 - 0.050	7	0.56
DGSA 30 C (ET-2RS)	30	0 ÷ +0.010	0 ÷ -0.12	22	34.2	110	73	19	146.5	37	65	M30X2	65.5	110	0 - 0.050	6	0.89
DGSA 35 ET-2RS	35	0 ÷ +0.012	0 ÷ -0.12	25	39.7	140	82	21	181	43	82	M36X3	112	146	0 - 0.050	6	1.40
DGSA 40 ET-2RS	40	0 ÷ +0.012	0 ÷ -0.12	28	45	150	92	23	196	48	86	M39X3	140	180	0 - 0.060	7	1.80
DGSA 45 ET-2RS	45	0 ÷ +0.012	0 ÷ -0.12	32	50.7	163	102	27	218	52	94	M42X3	180	240	0 - 0.060	7	2.60
DGSA 50 ET-2RS	50	0 ÷ +0.012	0 ÷ -0.12	35	56	185	112	30	241	60	106	M45X3	220	290	0 - 0.060	6	3.40
DGSA 60 ET-2RS	60	0 ÷ +0.015	0 ÷ -0.15	44	66.8	210	135	38	277.5	75	115	M52X3	345	450	0 - 0.060	6	5.90
DGSA 70 ET-2RS	70	0 ÷ +0.015	0 ÷ -0.15	49	77.8	235	160	42	315	87	125	M56X4	440	610	0 - 0.072	6	8.20
DGSA 80 ET-2RS	80	0 ÷ +0.015	0 ÷ -0.15	55	89.4	270	180	47	360	100	140	M64X4	570	750	0 - 0.072.	6	12.00

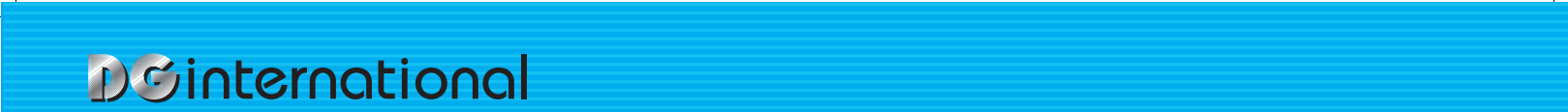
180

(1) NON RILUBRIFICABILE.
MAINTENANCE FREE

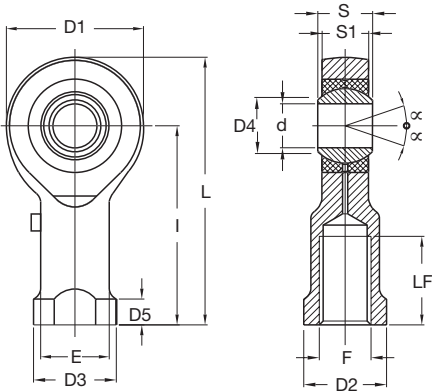
(2) RILUBRIFICABILE MEDIANTE UN FORO DI LUBRIFICAZIONE SULLA TESTA.
FOR LUBRICATION THROUGH A HOLE ON THE HOUSING HEAD.

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "L" ES "DGSAL..." - DISPONIBILITA' E PREZZO A RICHIESTA.
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE ADD AN "L" INSTEAD OF "R"

E' POSSIBILE LA FORNITURA DI TERMINALI SPECIALI DOTATI DI SNODO SFERICO ESENTE DA MANUTENZIONE.
IT IS POSSIBLE TO SUPPLY SPECIAL ROD ENDS WITH MAINTENANCE FREE BEARINGS.



TERMINALI A SNODO - ROD ENDS



DGSIBP...S
GIKFR...PB / SIKAC...M

DIN 648, SERIE K - ISO 6126
RICHIEDENTE MANUTENZIONE - REQUIRING MAINTENANCE

ACCOPPIAMENTO: ACCIAIO SU BRONZO - STEEL / BRONZE
MATERIALE: ST 52.3 MATERIAL ST 52.3

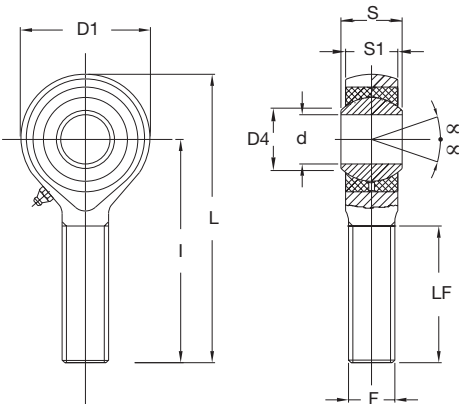
DGSIBP...S (*)	TOLLERANZE TOLERANCES															FATT. DI CARICO LOAD RATINGS			GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END °	PESO IN Kg. WEIGHT
	d	S		S	D4	I	D1	D3	E	D2	D5	S1	L	LF	F	Dinamico Dynamic	Statico Static				
	d	S		mm.												C	KN	Co			
DGSIBP 5 S	5	0 ÷ -0.012	0 ÷ -0.12	8	7.7	27	16	11	9	9	4	6	35	14	M 5X0.8	3.3	4.1	0. - 0.035	4	0.01	
DGSIBP 6 S	6	0 ÷ -0.012	0 ÷ -0.12	9	9	30	18	13	10	11	5	6.7	39	14	M 6X1	4.3	5.3	0. - 0.035	9	0.01	
DGSIBP 8 S	8	0 ÷ -0.015	0 ÷ -0.12	12	10.4	36	22	16	12.5	14	5	9	47	17	M 8X1.25	6.8	9.2	0. - 0.035	12	0.03	
DGSIBP 10 S	10	0 ÷ -0.015	0 ÷ -0.12	14	12.9	43	26	19	15	17	6.5	10.5	56	21	M10X1.5	10	12	0. - 0.035	10	0.08	
DGSIBP 12 S	12	0 ÷ -0.018	0 ÷ -0.12	16	15.4	50	30	22	17.5	19	6.5	12	65	24	M12X1.75	13	17	0. - 0.035	12	0.12	
DGSIBP 14 S	14	0 ÷ -0.018	0 ÷ -0.12	19	16.9	57	34	25	20	22	8	13.5	74	27	M14X2	17	22	0. - 0.035	14	0.14	
DGSIBP 16 S	16	0 ÷ -0.018	0 ÷ -0.12	21	19.4	64	38	27	22	22	8	15	83	33	M16X2	21	28	0. - 0.035	14	0.22	
DGSIBP 18 S	18	0 ÷ -0.018	0 ÷ -0.12	23	21.9	71	42	31	25	27	10	16.5	92	36	M18X1.5	26	34	0. - 0.035	13	0.32	
DGSIBP 20 S	20	0 ÷ -0.021	0 ÷ -0.12	25	24.4	77	48	34	27.5	30	10	18	100	40	M20X1.5	31	40	0. - 0.035	14	0.43	
DGSIBP 22 S	22	0 ÷ -0.021	0 ÷ -0.12	28	25.8	84	50	37	30	32	12	20	109	43	M22X1.5	38	50	0 - 0.035	14	0.61	
DGSIBP 25 S	25	0 ÷ -0.021	0 ÷ -0.12	31	29.6	94	60	42	33.5	36	12	22	124	48	M24X2	47	63	0. - 0.035	14	0.81	
DGSIBP 28 S	28	0 ÷ -0.021	0 ÷ -0.12	35	32.3	103	66	46	37	41	12	25	136	53	M27X2	59	81	0. - 0.035	14	1.20	
DGSIBP 30 S	30	0 ÷ -0.021	0 ÷ -0.12	37	34.8	110	70	50	40	41	15	25	145	56	M30X2	63	86	0. - 0.035	15	1.40	

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA AGGIUNGERE NEL COD. ART. LA LETTERA "L" ES: DGSIBPL.
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE ADD AN "L" INSTEAD OF "R".





TERMINALI A SNODO - ROD ENDS



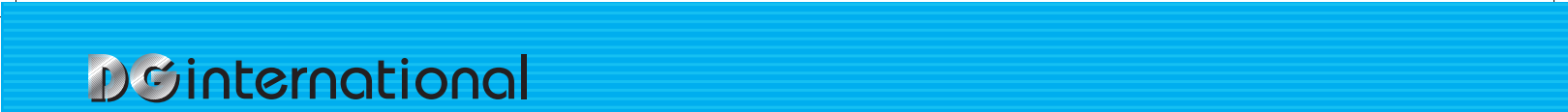
DGSABP...S
GAKFR...PB / SAKAC...M

DIN 648, SERIE K - ISO 6126
RILUBRIFICABILI - REQUIRING MAINTENANCE

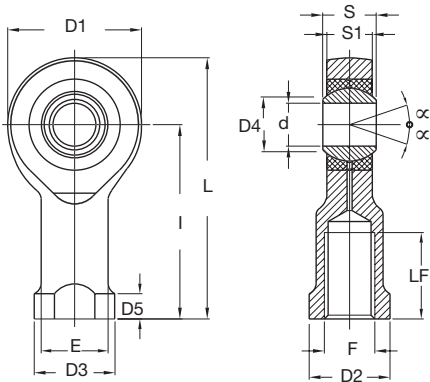
ACCOPPIAMENTO: ACCIAIO SU BRONZO - STEEL / BRONZE
MATERIALE: ST 52.3 MATERIAL: ST 52.3

DGSABP...S (*)	TOLLERANZE TOLERANCES										F	FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END °	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	S1	L	LF		Dinamico Dynamic	Statico Static			
	mm.											C	KN			
DGSABP 5 S	5	0 ÷ +0.012	0 ÷ -0.12	8	7.7	33	16	6	41	20	M 5X0.8	3.3	4.1	0 - 0.035	13	0.01
DGSABP 6 S	6	0 ÷ +0.012	0 ÷ -0.12	9	9.0	36	18	6.7	45	22	M 6X1	4.3	5.3	0 - 0.035	13	0.02
DGSABP 8 S	8	0 ÷ +0.015	0 ÷ -0.12	12	10.4	42	22	9	53	25	M 8X1.25	6.8	9.2	0 - 0.035	14	0.03
DGSABP 10 S	10	0 ÷ +0.015	0 ÷ -0.12	14	12.9	48	26	10.5	61	29	M10X1.5	10	12	0 - 0.035	14	0.05
DGSABP 12 S	12	0 ÷ +0.015	0 ÷ -0.12	16	15.4	54	30	12	69	33	M12X1.75	13	17	0 - 0.035	13	0.08
DGSABP 14 S	14	0 ÷ +0.018	0 ÷ -0.12	19	16.9	60	34	13.5	77	36	M14X2	17	22	0 - 0.035	16	0.12
DGSABP 16 S	16	0 ÷ +0.018	0 ÷ -0.12	21	19.4	66	38	15	85	40	M16X2	21	28	0 - 0.035	15	0.18
DGSABP 18 S	18	0 ÷ +0.018	0 ÷ -0.12	23	21.9	72	42	16.5	93	44	M18X1.5	26	34	0 - 0.035	15	0.26
DGSABP 20 S	20	0 ÷ +0.021	0 ÷ -0.12	25	24.4	78	46	18	101	47	M20X1.5	31	40	0 - 0.035	15	0.34
DGSABP 22 S	22	0 ÷ +0.021	0 ÷ -0.12	28	25.8	84	50	20	109	51	M22X1.5	38	50	0 - 0.035	15	0.43
DGSABP 25 S	25	0 ÷ +0.021	0 ÷ -0.12	31	29.5	94	60	22	124	57	M24X2	47	63	0 - 0.035	15	0.65
DGSABP 28 S	28	0 ÷ +0.021	0 ÷ -0.12	35	32.3	103	66	25	136	62	M27X2	59	81	0 - 0.035	15	0.87
DGSABP 30 S	30	0 ÷ +0.021	0 ÷ -0.12	37	34.8	110	70	25	145	66	M30X2	63	86	0 - 0.035	17	1.00

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "L" ES "DGSABPL..." - DISPONIBILITA' E PREZZO A RICHIESTA.
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE. ADD AN "L" INSTEAD OF "R"



TERMINALI A SNODO - ROD ENDS



DGSIK...C
GIKFR...PW / SIKB...F

DIN 648, SERIE K - ISO 6126
ESENTI MANUTENZIONE - MAINTENANCE FREE

ACCOPPIAMENTO: ACCIAIO SU PTFE - STEEL PTFE
MATERIALE: ST 52.3 MATERIAL: ST 52.3

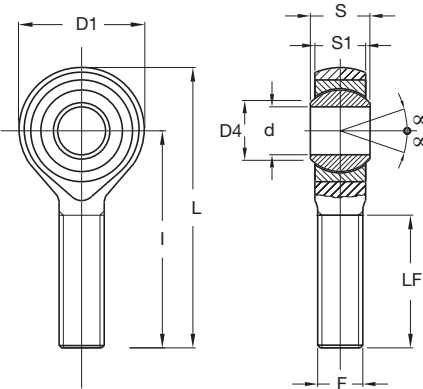
DGSIK...C (*)	TOLLERANZE TOLERANCES															FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END °	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	D3	E	D2	D5	S1	L	LF	F	Dinamico Dynamic	Statico Static			
	mm.															C	KN			
DGSIK 5 C	5	0 ÷ -0.012	0 ÷ -0.12	8	7.7	27	18	12	9	10	4	7.5	36	8	M 5X0.8	3.6	4.6	0 - 0.035	4	0.01
DGSIK 6 C	6	0 ÷ -0.012	0 ÷ -0.12	9	8.9	30	20	13	10	10	5	7.5	40	9	M 6X1	4.7	5.2	0 - 0.035	9	0.01
DGSIK 8 C	8	0 ÷ -0.015	0 ÷ -0.12	12	10.3	36	24	16	12.5	13	5	9.5	48	12	M 8X1.25	7.6	8.2	0 - 0.035	12	0.03
DGSIK 10 C	10	0 ÷ -0.015	0 ÷ -0.12	14	12.9	43	30	19	15	16	6.5	11.5	58	15	M10X1.5	12	15	0 - 0.035	10	0.08
DGSIK 12 C	12	0 ÷ -0.018	0 ÷ -0.12	16	15.4	50	34	22	17.5	18	6.5	12.5	67	18	M12X1.75	14	19	0 - 0.035	12	0.12
DGSIK 14 C	14	0 ÷ -0.018	0 ÷ -0.12	19	16.8	57	38	25	20	21	8	14.5	76	21	M14X2	19	24	0 - 0.035	14	0.14
DGSIK 16 C	16	0 ÷ -0.018	0 ÷ -0.12	21	19.3	64	42	27	22	24	8	15.5	85	24	M16X2	23	29	0 - 0.035	14	0.22
DGSIK 18 C	18	0 ÷ -0.018	0 ÷ -0.12	23	21.8	71	46	31	25	27	10	17.5	94	27	M18X1.5	29	34	0 - 0.035	13	0.32
DGSIK 20 C	20	0 ÷ -0.021	0 ÷ -0.12	25	24.3	77	50	34	27.5	30	10	18.5	102	30	M20X1.5	34	40	0 - 0.035	14	0.43
DGSIK 22 C	22	0 ÷ -0.021	0 ÷ -0.12	28	25.8	84	56	37	30	34	12	21	112	33	M22X1.5	42	50	0 - 0.035	14	0.61
DGSIK 25 C	25	0 ÷ -0.021	0 ÷ -0.12	31	29.5	94	60	42	33.5	36	12	23	124	36	M24X2	52	57	0 - 0.035	14	0.81
DGSIK 28 C	28	0 ÷ -0.021	0 ÷ -0.12	35	32.3	103	66	46	37	41	14	26	136	41	M27X2	66	69	0 - 0.035	14	1.20
DGSIK 30 C	30	0 ÷ -0.021	0 ÷ -0.12	37	34.8	110	70	50	40	46	15	27	145	45	M30X2	73	77	0 - 0.035	15	1.40

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "L" ES "DGSIKL..." .
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE. ADD AN "L" INSTEAD OF "R".





TERMINALI A SNODO - ROD ENDS



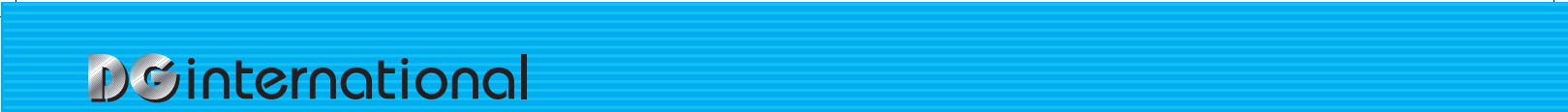
DGSAK...C
GAKFR...PW / SAKB...F

DIN 648, SERIE K - ISO 6126
ESENTI MANUTENZIONE - MAINTENANCE FREE

ACCOPPIAMENTO: ACCIAIO SU PTFE - STEEL PTFE
MATERIALE: ST 52.3 MATERIAL: ST 52.3

DGS AK...C (*)	TOLLERANZE TOLERANCES										F	FATT. DI CARICO LOAD RATINGS		GIUOCO SNODO RADIALE RADIAL CLEARANCE	ANG. DI OSCILL. α SWINGING END	PESO IN Kg. WEIGHT
	d	d	S	S	D4	I	D1	S1	L	LF		Dinamico Dynamic	Statico Static			
	mm.											C	KN	Co	mm.	°
DGSAK 5 C	5	0 ÷ +0.012	0 ÷ -0.12	8	7.7	33	18	7.5	42	19	M 5X0.8	3.6	3.9	0 - 0.035	4	0.01
DGSAK 6 C	6	0 ÷ +0.012	0 ÷ -0.12	9	8.9	36	20	7.5	46	21	M 6X1	4.7	5.2	0 - 0.035	9	0.02
DGSAK 8 C	8	0 ÷ +0.015	0 ÷ -0.12	12	10.3	42	24	9.5	54	25	M 8X1.25	7.6	8.2	0 - 0.035	12	0.03
DGSAK 10 C	10	0 ÷ +0.015	0 ÷ -0.12	14	12.9	48	30	11.5	63	28	M 10X1.5	12	15	0 - 0.035	10	0.05
DGSAK 12 C	12	0 ÷ +0.018	0 ÷ -0.12	16	15.4	54	34	12.5	71	32	M 12X1.75	14	19	0 - 0.035	12	0.08
DGSAK 14 C	14	0 ÷ +0.018	0 ÷ -0.12	19	16.8	60	38	14.5	79	36	M 14X2	19	24	0 - 0.035	14	0.12
DGSAK 16 C	16	0 ÷ +0.018	0 ÷ -0.12	21	19.3	66	42	15.5	87	37	M 16X2	23	29	0 - 0.035	14	0.18
DGSAK 18 C	18	0 ÷ +0.018	0 ÷ -0.12	23	21.8	72	46	17.5	95	41	M 18X1.5	29	34	0 - 0.035	13	0.26
DGSAK 20 C	20	0 ÷ +0.021	0 ÷ -0.12	25	24.3	78	50	18.5	103	45	M 20X1.5	34	40	0 - 0.035	14	0.34
DGSAK 22 C	22	0 ÷ +0.021	0 ÷ -0.12	28	25.8	84	56	21	112	48	M 22X1.5	42	50	0 - 0.035	14	0.43
DGSAK 25 C	25	0 ÷ +0.021	0 ÷ -0.12	31	29.5	94	60	23	124	55	M 24X2	52	57	0 - 0.035	14	0.65
DGSAK 28 C	28	0 ÷ +0.021	0 ÷ -0.12	35	32.3	103	66	26	136	62	M 27X2	66	69	0 - 0.035	14	0.87
DGSAK 30 C	30	0 ÷ +0.021	0 ÷ -0.12	37	34.8	110	70	27	145	66	M 30X2	73	77	0 - 0.035	15	1.07

(*) NEL CASO DI RICHIESTA CON FILETTATURA SINISTRORSA SOSTITUIRE NEL COD. ART. LA LETTERA "L" ES "DGSARL...".
ON REQUEST IT IS POSSIBLE TO SUPPLY THESE ROD ENDS WITH LEFT HAND THREAD. FOR YOUR ORDERS PLEASE. ADD AN "L" INSTEAD OF "R".

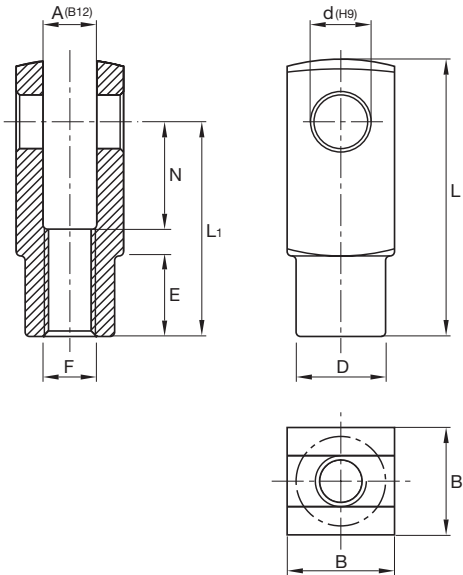


TERMINALI A SNODO - ROD ENDS

FORCELLA CON FORO FILETTATO - THREADED CLEVIS
ISO 8140

MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

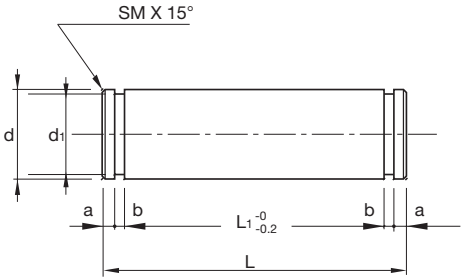
DGFFF	F	ALESAGGIO	A	B	d	D	E	L	L1	N
DGFFF 1760	M 4X0.7	8/10	4	8	4	8	6	21	16	8
DGFFF 1762	M 6X1	12/16	6	12	6	10	9	31	24	12
DGFFF 1764	M 8X1.25	20	8	16	8	14	12	42	32	16
DGFFF 1766	M10X1.25	25/32	10	20	10	18	15	52	40	20
DGFFF 1768	M12X1.25	40	12	24	12	20	18	62	48	24
DGFFF 1770	M16X1.5	50/63	16	32	16	26	24	83	64	32
DGFFF 1772	M20X1.5	80/100	20	40	20	34	30	105	80	40
DGFFF 1774	M24X2	125	25	50	25	42	36	132	100	50
DGFFF 1776	M36X2	160/200	35	70	35	60	40	188	144	72



PERNO PER FORCELLE - PIN FOR CLEVIS
ISO 8140

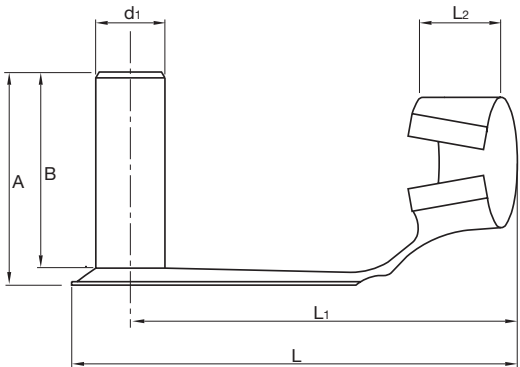
MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

DG	d X L	d1	L1	a	b	USATO PER FORCELLE ISO
DG 1778	10 X 25	9.6	20	1.5	1.1	M10X1.25
DG 1780	12 X 30	11.5	24	2	1.1	M12X1.25
DG 1782	16 X 39	15.2	32	2.4	1.1	M16X1.5
DG 1784	20 X 48	19	41	2.9	1.3	M20X1.5
DG 1786	25 X 60	23.9	50	3.7	1.3	M24X2
DG 1788	35 X 84	28.6	70	5.4	1.3	M36X2



CLIPS PER FORCELLE - CLIPS FOR CLEVIS
ISO 8140

DG	CLIPS-ISO	d1	A	B	L	L1	L2
DG 1790	4	4	11	9	19	15	5
DG 1792	6	6	16	14	28	23	6
DG 1794	8	8	21	19	37	31	8
DG 1796	10	10	26	23	46	39	10
DG 1798	12	12	32	28	55	47	12
DG 1800	16	16	40	36	72	62	14
DG 1802	20	20	48	44	88	72	16





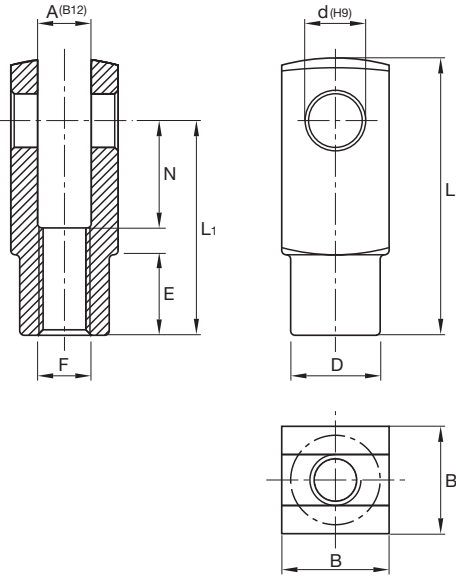
TERMINALI A SNODO - ROD ENDS

FORCELLA CON FORO FILETTATO - THREADED CLEVIS

UNI 1676 - DIN 71752

MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

DGFFF	F	N	A	B	d	D	E	L	L1
DGFFF 12330	M 6X1	12	6	12	6	10	9	31	24
DGFFF 12330	M 6X1	24	6	12	6	10	9	43	36
DGFFF 12331	M 8X1.25	16	8	16	8	14	12	42	32
DGFFF 12331	M 8X1.25	32	8	16	8	14	12	58	48
DGFFF 12332	M10X1.5	20	10	20	10	18	15	52	40
DGFFF 12332	M10X1.5	40	10	20	10	18	15	72	60
DGFFF 12333	M12X1.75	24	12	24	12	20	18	62	48
DGFFF 12333	M12X1.75	48	12	24	12	20	18	88	72
DGFFF 12334	M14X2	28	14	27	14	24	23	72	56
DGFFF 12334	M14X2	56	14	27	14	24	23	101	85
DGFFF 12335	M16X2	32	16	32	16	26	24	83	64
DGFFF 12335	M16X2	64	16	32	16	26	24	115	96
DGFFF 12385	M18X2.5	36	18	36	18	30	27	94	72
DGFFF 12386	M20X2.5	40	20	40	20	34	30	105	80

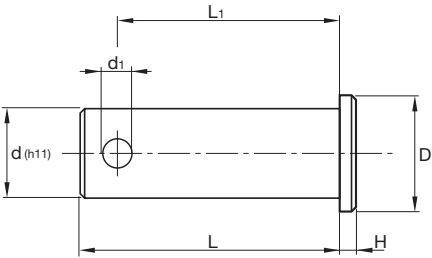


PERNO CON TESTA - PIN WITH HEAD

UNI 1710 - DIN 1434

MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

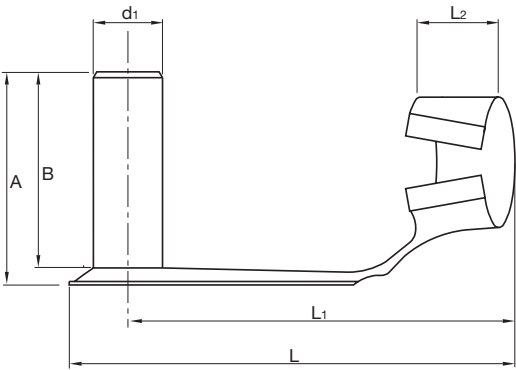
DG	d X L	H	D	d1	L1
DG 12336	6 X 16	1.5	9	2	13
DG 12337	8 X 20	2	12	2	17
DG 12338	10 X 25	2	14	3	21.5
DG 12339	12 X 30	3	16	3	26.5
DG 12340	14 X 35	3	19	4	31
DG 12341	16 X 40	3	20	4	36
DG 12388	18 X 45	4	22	4	40
DG 12389	20 X 49	4	24	4	43.5

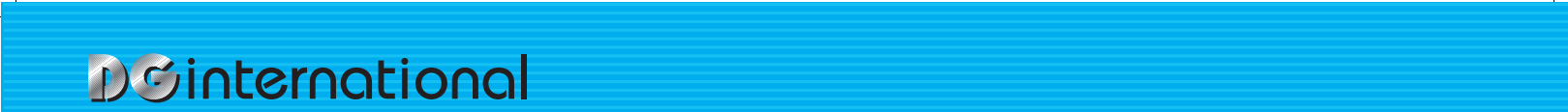


CLIPS PER FORCELLE - CLIPS FOR CLEVIS

UNI 1676 - DIN 71752

DG	d X L	d1	A	B	L	L1	L2
DG 12342	6 X 12	6	16	14	28	23	6
DG 12342	6 X 24	6	16	14	40	35	6
DG 12343	8 X 16	8	22	18	37	31	8
DG 12343	8 X 32	8	22	19	53	47	8
DG 12344	10 X 20	10	26	23	46	39	10
DG 12344	10 X 40	10	26	23	66	59	10
DG 12345	12 X 24	12	32	28	55	47	12
DG 12345	12 X 48	12	32	28	80	71	12
DG 12346	14 X 28	14	32	30	62	51	14
DG 12347	16 X 32	16	38	36	75	61	15
DG 12390	20 X 40	20	47	44	95	77	16



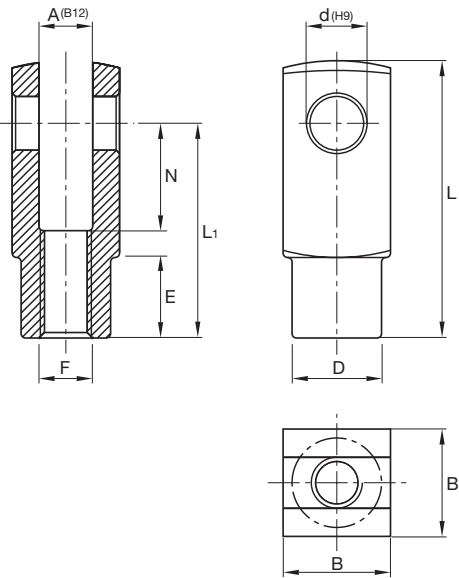


TERMINALI A SNODO - ROD ENDS

FORCELLA CON FORO FILETTATO - THREADED CLEVIS
CNOMO 060714

MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

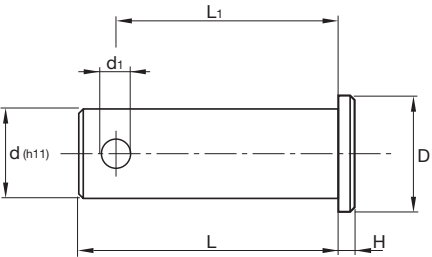
DGFFF	ALESAGGIO	F	A	B	B1	d	D	E	L	L1	N
DGFFF 12400	32	M10X1.5	11	22	22	8	18	14	45	36	20
DGFFF 12402	40/50	M16X1.5	18	36	26	12	26	17	64	51	26
DGFFF 12404	63/80	M20X1.5	22	45	34	16	34	18.5	80	63	30
DGFFF 12406	100/125	M27X2	30	63	42	20	42	30	105	85	45
DGFFF 12408	160/200	M36X2	40	80	50	25	50	45	140	115	75



PERNO PER FORCELLE - PIN FOR CLEVIS
CNOMO

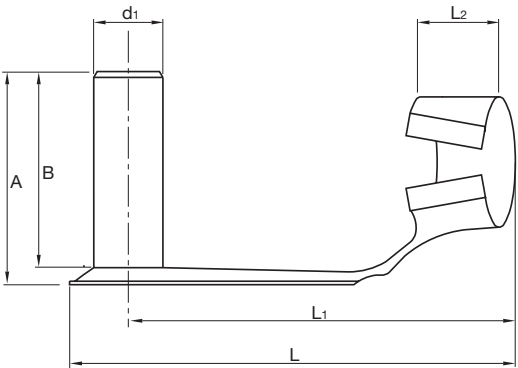
MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

DG	PERNI CNOMO	d	L	D1	L1	a	b
DG 12420	10	8	30	7.6	22	3	0.9
DG 12422	16	12	45	11.5	36	3.5	1.1
DG 12424	20	16	55	15.2	45	3.9	1.1
DG 12426	27	20	75	19	63	4.9	1.3
DG 12428	36	25	95	23.9	80	6.2	1.3



CLIPS PER FORCELLE - CLIPS FOR CLEVIS
CNOMO

DG	CLIPS CNOMO	d1	A	B	L	L1	L2
DG 12440	10	8	28	25	41	36	10
DG 12442	16	12	44	39	60	50	12
DG 12444	20	16	53	48	74	63	15
DG 12446	27	20	73	66	98	81	19



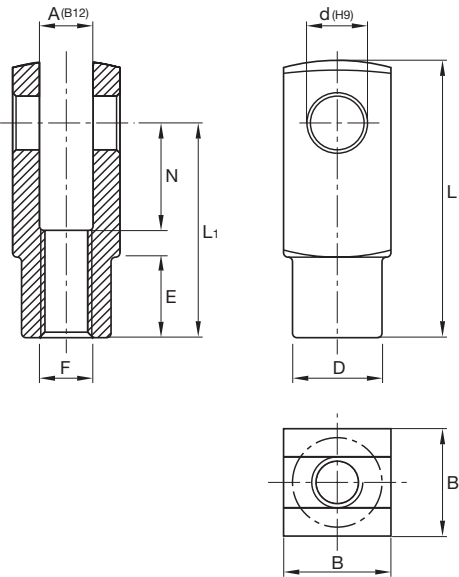


TERMINALI A SNODO - ROD ENDS

FORCELLA CON FORO FILETTATO - THREADED CLEVIS
CETOP RP 102 P

MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

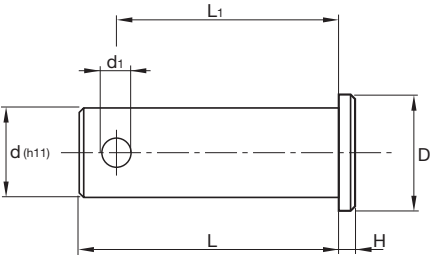
DGFFF	F	ALESAGGIO	A	B	d	D	E	L	L1	N
DGFFF 1722	M10X1.25	25/32	10	20	10	18	15	52	40	20
DGFFF 1724	M12X1.25	40	12	24	12	20	18	62	48	24
DGFFF 1726	M16X1.5	50/63	16	32	16	26	24	83	64	32
DGFFF 1728	M20X1.5	80/100	20	40	20	34	30	105	80	40
DGFFF 1730	M24X2	125	25	50	25	42	36	132	100	50
DGFFF 1732	M36X2	160/200	35	70	35	60	40	188	144	72



PERNO PER FORCELLE - PIN FOR CLEVIS
CETOP

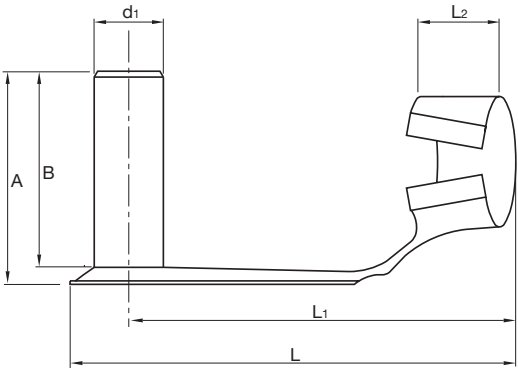
MATERIALE: ACCIAIO - MATERIAL: STEEL
9SMn Pb 23 R 50 kg/mm2

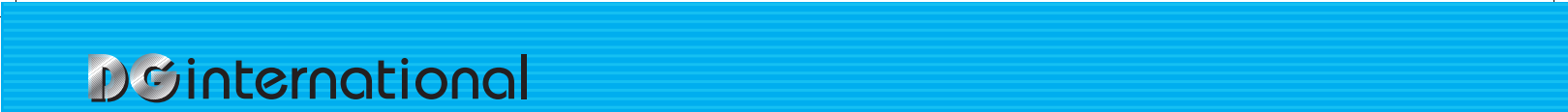
DG	d X L	d1	L1	a	b	USATO PER FORCELLE CETOP FOR CETOP CLEVIS
DG 1734	10 X 25	9.6	20	1.5	1.1	M10X1.25
DG 1736	12 X 30	11.5	24	2	1.1	M12X1.25
DG 1738	16 X 39	15.2	32	2.4	1.1	M16X1.5
DG 1740	20 X 48	19	40	2.9	1.3	M20X1.5
DG 1742	25 X 60	23.9	50	3.7	1.3	M24X2
DG 1744	35 X 84	28.6	70	5.4	1.3	M36X2



CLIPS PER FORCELLE - CLIPS FOR CLEVIS
CETOP

DG	CLIPS CETOP	d1	A	B	L	L1	L2
DG 1746	10	10	26	23	46	39	10
DG 1748	12	12	32	28	55	47	12
DG 1750	16	16	40	36	72	62	14
DG 1752	20	20	48	44	88	72	16





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